

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ALAMEDA COUNTY MEDICAL CENTER 1411 EAST 31ST STREET OAKLAND, CA 94602	NONE 501 (C) (3) 509 (A) (1)	TO REDUCE HOSPITAL-WIDE SEVERE SEPSIS MORTALITY RATES. OUTCOMES WILL BE ACHIEVED BY PARTICIPATION IN THE INTEGRATED NURSE LEADERSHIP PROGRAM'S SEVERE SEPSIS MORTALITY INITIATIVE IN COLLABORATION WITH OTHER BAY AREA HOSPITALS TO REDUCE SEVERE SEPSIS MORTALITY RATES, ROLLOUT OF 24/7 RAPID RESPONSE TEAMS TO INCREASE EARLY IDENTIFICATION AND RESPONSE TO DETERIORATION ON STEP-DOWN AND MEDICAL-SURGICAL UNITS, AND IMPLEMENTATION OF THE CALIFORNIA NURSES FOUNDATION NURSE-TO-NURSE MENTORSHIP/PRECEPTORSHIP PROGRAM TO INCREASE THE PREPAREDNESS OF NEW AND EXISTING RNS IN THE EMERGENCY DEPARTMENT AND ALL INPATIENT UNITS.	152,000.
ALASKA CONSERVATION FOUNDATION 441 WEST 5TH AVENUE, SUITE 402 ANCHORAGE, AK 99501-2340	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP SOLUTIONS FOR SOUTHEAST ALASKA THAT BALANCE WILD SALMON ECOSYSTEM PROTECTION PRIORITIES IN THE TONGASS WITH SUSTAINABLE ECONOMIC DEVELOPMENT FOR THE REGION'S COMMUNITIES.	166,000.
ALASKA CONSERVATION FOUNDATION 441 WEST 5TH AVENUE, SUITE 402 ANCHORAGE, AK 99501-2340	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE BRISTOL BAY REGIONAL VISION PROJECT. FUNDING WILL BE USED TO HELP ARTICULATE THE SHARED ECONOMIC, SOCIAL, AND CULTURAL ASPIRATIONS OF THE RESIDENTS OF THE BRISTOL BAY REGION OF ALASKA.	148,348.
ALASKA WILDERNESS LEAGUE 122 C ST NW, STE 240 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP SOLUTIONS FOR SOUTHEAST ALASKA THAT BALANCE WILD SALMON ECOSYSTEM PROTECTION PRIORITIES IN THE TONGASS WITH SUSTAINABLE ECONOMIC DEVELOPMENT FOR THE REGION'S COMMUNITIES.	150,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

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ALIANCA DA TERRA RUA 1 N 531, SETOR 5, CENTRO 78 635-103 AGUA BOA MATO GROSSO BRAZIL	EXPENDITURE RESPONSIBI	IN SUPPORT OF LAND STEWARDSHIP ON PRIVATE LAND IN THE BRAZILIAN AMAZON, FRONTIER GOVERNANCE THROUGH A VOLUNTARY CO-MANAGED FIRE BRIGADE, AND PAYMENTS FOR ECOSYSTEM SERVICES IN THE AMAZON IN BEEF, SOY, AND CARBON MARKETS.	930,981.
AMAZON CONSERVATION ASSOCIATION 1822 R ST. NW, 4TH FLOOR WASHINGTON, DC 20009	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DESIGN AND CONSOLIDATION OF A 210,000-HECTARE CONSERVATION CORRIDOR TO MITIGATE THE ENVIRONMENTAL IMPACT OF THE INTER-OCEANIC HIGHWAY. THIS CONSERVATION CORRIDOR WILL PROTECT THE LARGEST AREA OF CONTINUOUS FOREST IN THE SOUTHWESTERN AMAZON FROM EXPLOITATIVE DEFORESTATION, CATTLE RANCHING, ARTISANAL GOLD-MINING, AND SLASH-AND-BURN FARMING.	200,000.
AMAZON CONSERVATION TEAM 4211 N. FAIRFAX DR. ARLINGTON, VA 22203	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE SURINAMESE GOVERNMENT TO IMPLEMENT LAND RIGHTS AND DEMARCATe INDIGENOUS LANDS, ENABLING CONDITIONS FOR PROTECTED AREA AND INDIGENOUS TERRITORY CREATION OVER 4.49 MILLION HECTARES. THE PROJECT WILL ALSO IMPLEMENT COMPONENTS OF EFFECTIVE MANAGEMENT FOR 9 MILLION HECTARES IN SURINAME AND BRAZIL BY TRAINING INDIGENOUS AND NON-INDIGENOUS PARK GUARDS, ESTABLISHING A PERMANENT PARK GUARD TRAINING CENTER IN AMAP, AND DEVELOPING MANAGEMENT AND SUSTAINABLE FINANCE PLANS FOR THE 4.2 MILLION HA TUMUCUMAQUE INDIGENOUS RESERVE.	777,692.
AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENC	NONE	TO PLACE A PHD-LEVEL SCIENCE AND TECHNOLOGY POLICY FELLOW IN THE OFFICE OF SCIENCE AND TECHNOLOGY POLICY FOR ONE YEAR. THE FUNDING WILL BE USED TO MANAGE FELLOWSHIP ACTIVITIES IN COORDINATION WITH THE GRANTEE'S LONG-RUNNING CONGRESSIONAL AND	111,826.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

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1200 NEW YORK AVENUE NW WASHINGTON, DC 20005	501 (C) (3) 509 (A) (2)	EXECUTIVE BRANCH FELLOWSHIP PROGRAMS.	
AMERICAN ASSOCIATION OF COLLEGES OF NURSING ONE DUPONT CIRCLE, NW, SUITE 530 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP, IMPLEMENT, AND EVALUATE A 2-DAY NURSING FACULTY TRAINING PROGRAM FOCUSED ON TEACHING 20% OF THE 10-COUNTY SAN FRANCISCO BAY AREA NURSING FACULTY HOW TO INCORPORATE QUALITY AND SAFETY EDUCATION FOR NURSING COMPETENCIES INTO PRE-LICENSURE NURSING EDUCATION. PARTICIPATING FACULTY WILL ENHANCE THE CURRICULA, AND EDUCATE AND MENTOR FACULTY COLLEAGUES AND STUDENTS IN THE TEACHING OF QUALITY AND SAFETY CONCEPTS. THE IMPACT OF THIS INSTITUTE WILL BE EVALUATED DURING THE TWO YEARS FOLLOWING THE FACULTY TRAINING SESSION.	50,000.
AMERICAN BIRD CONSERVANCY 4249 LOUDOUN AVE. THE PLAINS, VA 20198	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH CONSERVATION MOSAICS BY IMPROVING PROTECTION OF SIX KEY EXISTING PROTECTED AREAS IN THE ENDANGERED ANDES-AMAZON SLOPE FORESTS, ESTABLISHING A NEW RESERVE AT MISQUE RIVER IN BOLIVIA, AND ENSURING LONG-TERM FUNDING FOR CONSERVATION OF THESE AREAS THROUGH BIRDING TOURISM AND AN INNOVATIVE MODEL OF MOSAIC-LEVEL ECONOMIC BENEFITS FOR BOTH LOCAL COMMUNITIES AND CONSERVATION AREAS.	560,246.
AQUASEED CORPORATION 2301 NE BLAKELEY STREET, SUITE 102 SEATTLE, WA 98105-3293	NONE EXPENDITURE RESPONSIBI	TO DEMONSTRATE TECHNICAL AND FINANCIAL FEASIBILITY OF ON-LAND CLOSED CONTAINMENT AQUACULTURE TECHNOLOGY. THE FUNDS WILL SUPPORT CONSTRUCTION AND OPERATION OF A RECIRCULATION COHO SALMON PRODUCTION SYSTEM IN ROCHESTER, WASHINGTON, AND RELATED RESEARCH ABOUT PRODUCTION FACTORS.	785,018.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

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ASSOCIACAO DE DEFESA ETNOAMBIENTAL KANINDE RUA DOM PEDRO II, 1892, SALA 07.BAI 78901-150 PORTO VELHO RONDONIA, BRAZIL	NONE EQUIVALENT OF U.S. PUBL	FOR ONGOING EFFORTS TO PREVENT DEFORESTATION AND MANAGE TROPICAL FORESTS IN THE SOUTHWESTERN BRAZILIAN AMAZON THROUGH IMPLEMENTATION OF FOREST MANAGEMENT TECHNIQUES, ORGANIZATIONAL STRENGTHENING AND CAPACITY BUILDING OF ENVIRONMENTAL NON-GOVERNMENTAL AND INDIGENOUS ORGANIZATIONS, AND TO SUPPORT REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION EFFORTS.	690,977.
BANK INFORMATION CENTER 1100 H STREET, NW, SUITE 650 WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	FOR THE DISSEMINATION OF INFORMATION ABOUT ECONOMIC INTEGRATION PROJECTS AND POLICIES BEING PROPOSED BY THE INITIATIVE FOR INTEGRATION OF REGIONAL INFRASTRUCTURE IN SOUTH AMERICA (IIRSA) FOR THE ANDES-AMAZON REGION, AND FOR THE PROMOTION OF DIALOGUE NECESSARY TO FACILITATE POLICY REFORM AND MITIGATE THE NEGATIVE IMPACTS OF IIRSA'S DEVELOPMENT PROJECTS.	700,847.
BROAD INSTITUTE INC. 7 CAMBRIDGE CENTER CAMBRIDGE, MA 02142	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE SEQUENCING AND PERFORMING BASIC CHARACTERIZATIONS OF MARINE PHAGE AND VIRUS GENOMES AND THE GENOMIC CONTENT OF ENVIRONMENTAL MARINE VIRUS ASSEMBLAGES. THE MARINE PHAGE AND VIRUS ECOLOGY RESEARCH COMMUNITY AT LARGE WILL BENEFIT FROM THIS SEQUENCING AND ANNOTATION PIPELINE THAT IS EXPECTED TO RESULT IN PUBLIC ACCESS TO APPROXIMATELY 200 NOVEL VIRAL GENOME SEQUENCES, 50 UNIQUE VIRAL METAGENOMES, AND NUMEROUS DETAILED ENVIRONMENTAL MEASUREMENTS THAT CHARACTERIZE THE HABITATS FROM WHICH THE VIRUSES AND METAGENOMES WERE COLLECTED.	580,320.

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CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A TWO-YEAR TEACHER PROFESSIONAL DEVELOPMENT AND TRAINING PROGRAM OF TWO ANNUAL COHORTS OF 30 TEACHERS EACH, TO INCREASE SCIENCE AND SUSTAINABILITY LITERACY IN GRADES 3-5 ACROSS THE SAN FRANCISCO UNIFIED SCHOOL DISTRICT.	450,000.
CALIFORNIA COASTAL CONSERVANCY 1330 BROADWAY, SUITE 1100 OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	TO CREATE A MORE PROACTIVE AND INFORMED APPROACH TO CLIMATE CHANGE AMONG BAY AREA INSTITUTIONS. FUNDS WILL BE USED TO ESTABLISH A NEW BAY AREA ECOSYSTEMS AND CLIMATE CHANGE CONSORTIUM TO OVERCOME FRAGMENTED APPROACHES AND PROACTIVELY ENGAGE SCIENTISTS WITH RESOURCE MANAGERS TO COORDINATE RESEARCH, MONITORING AND MANAGEMENT EFFORTS TO REDUCE NEGATIVE CLIMATE CHANGE IMPACTS ON THE REGION'S ECOSYSTEMS.	357,000.
CALIFORNIA COUNCIL ON SCIENCE AND TECHNOLOGY 5005 LA MART DRIVE, SUITE 105 RIVERSIDE, CA 92507	NONE 501 (C) (3) 509 (A) (1)	TO IMPROVE THE SCIENCE AND TECHNOLOGY POLICY- RELATED COMPONENTS OF LEGISLATION THROUGH THE ESTABLISHMENT OF AN EFFECTIVE LEGISLATIVE SCIENCE AND TECHNOLOGY POLICY FELLOWS PROGRAM. THE FELLOWS PROGRAM WILL PLACE TEN PH.D.-LEVEL (OR EQUIVALENT) SCIENTISTS AND ENGINEERS PER YEAR IN THE CALIFORNIA LEGISLATURE EITHER AS STAFF MEMBERS OF INDIVIDUAL LEGISLATORS OR ON COMMITTEE STAFF.	750,000.
CALIFORNIA INSTITUTE FOR NURSING AND HEALTHCARE	NONE	IN SUPPORT OF THE ENGAGEMENT OF 250 NEW RN GRADUATES FROM THE 5-COUNTY SAN FRANCISCO BAY AREA (SFBA) SCHOOLS OF NURSING TO PARTICIPATE IN TRANSITION PROGRAMS WITH SFBA HEALTHCARE FACILITIES, TO BETTER PREPARE THEM FOR NURSING JOBS. A REQUEST FOR PROPOSAL GRANT OPPORTUNITY WILL ESTABLISH REGIONAL COLLABORATIVES IN THE SFBA TO DEVELOP AND EXECUTE PILOT TRANSITION PROGRAMS.	200,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

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663 13TH STREET, SUITE 300 OAKLAND, CA 94612-9996	501 (C) (3) 509 (A) (1)	A NETWORK OF THESE COLLABORATIVES WILL FACILITATE SHARING OF CHALLENGES AND BEST PRACTICES AND CONDUCT AN EVALUATION OF THESE PROGRAMS' IMPACT ON NEW RN GRADUATES' ABILITY TO FURTHER DEVELOP THEIR COMPETENCIES AND SECURE A JOB UPON COMPLETION.	
CALIFORNIA INSTITUTE FOR NURSING AND HEALTHCARE 663 13TH STREET, SUITE 300 OAKLAND, CA 94612-9996	NONE 501 (C) (3) 509 (A) (1)	FOR UPDATING THE ORGANIZATION'S OVERALL STRATEGIC PLAN, BY SUPPORTING THE EXECUTIVE DIRECTOR'S ENGAGEMENT IN ACTIVITIES THAT CLARIFY THE ORGANIZATION'S VALUE PROPOSITION IN LIGHT OF CHANGING EXTERNAL CONDITIONS, AND TO DEVELOP A REFINED BUSINESS MODEL, SUCCESSION PLANS, AND A DEVELOPMENT PLAN THAT ARE ALIGNED WITH THIS CONFIRMED VALUE PROPOSITION.	75,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH AN OBSERVATORY FOR STRUCTURAL MOLECULAR BIOLOGY. THE NEW OBSERVATORY, CALLED A BEAM LINE, WILL MAKE USE OF THE EXTREMELY BRIGHT X-RAYS PRODUCED BY A NEWLY INSTALLED ADVANCED ELECTRON ACCELERATOR AT STANFORD'S SYNCHROTRON RADIATION LABORATORY. OUTCOMES FOR THIS GRANT INCLUDE CREATION OF A MACROMOLECULAR CRYSTALLOGRAPHY FACILITY FOR STUDYING COMPLICATED BIOLOGICAL SYSTEMS.	171,485.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF CALTECH'S NANOSCALE SYSTEMS INITIATIVE AND THE OPERATION OF THE INITIATIVE'S LABORATORIES AND FACILITIES. OUTCOMES FOR THIS GRANT INCLUDE RENOVATION AND RELOCATION OF LABS, RECRUITMENT OF FACULTY, AND THE LAUNCH OF THE NANOSCALE SYSTEMS INITIATIVE'S LABORATORIES AND FACILITIES.	170,618.

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CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT CALTECH'S TECHNOLOGY TECTONICS OBSERVATORY IN THE SECOND PHASE OF DEVELOPING A MULTIDISCIPLINARY FACILITY THAT COMBINES STATE-OF-THE-ART MONITORING NETWORKS AND INNOVATIVE OBSERVATIONS AT KEY TECTONICS BOUNDARIES WITH MODELING OF TECTONIC FORCES OVER A WIDE RANGE OF SPATIAL AND TEMPORAL SCALES. THE GOAL OF THE PROJECT IS TO UNDERSTAND AND EVENTUALLY PREDICT THE EARTH'S BEHAVIOR NEAR THE INTERSECTION OF KEY TECTONIC PLATES AND PROVIDE STRATEGIC INSIGHTS INTO A VARIETY OF DESTRUCTIVE PHENOMENA SUCH AS EARTHQUAKES, VOLCANIC ERUPTIONS, TSUNAMIS, LANDSLIDES, AND OTHER GEOCHEMICAL AND GEOPHYSICAL PROCESSES.	4,014,059.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF CALTECH'S INSTITUTE-WIDE INTELLECTUAL, EDUCATIONAL, AND OUTREACH INITIATIVE CALLED INFORMATION SCIENCE AND TECHNOLOGY. OUTCOMES FOR THIS GRANT INCLUDE ESTABLISHMENT OF (INCLUDING STAFF AND EQUIPMENT) FOUR INFORMATION SCIENCE AND TECHNOLOGY CENTERS: BIOLOGY, PHYSICS, SOCIAL SCIENCE, AND MATH.	1,199,960.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	THIS ADMINISTRATIVE GRANT IS PART OF THE FOUNDATION'S \$300 MILLION COMMITMENT TO CALTECH. THE OUTCOME FOR THIS GRANT IS REIMBURSEMENT OF ALL PROGRAM-RELATED INDIRECT COSTS.	3,082,249.
CALIFORNIA INSTITUTE OF TECHNOLOGY	NONE	TO SUPPORT AND EXPAND CALTECH'S DIVERSITY PROGRAMS. OUTCOMES FOR THIS GRANT INCLUDE INCREASED PARTICIPATION OF WOMEN AND UNDER-REPRESENTED MINORITIES IN SCIENCE AND ENGINEERING, RECRUITMENT OF NON-CALTECH AND	281,772.

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1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	501 (C) (3) 509 (A) (1)	CALTECH UNDERGRADUATE AND GRADUATE STUDENTS EVERY YEAR, SUPPORT FOR POSTDOCTORAL STUDENTS, AND ASSESSMENT OF THE DIVERSITY RECRUITMENT PROGRAM.	
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	FOR ESTABLISHING CALTECH'S CENTER FOR ULTRAFAST SCIENCE AND TECHNOLOGY, FOCUSING ON FUNDAMENTAL STUDIES OF MOLECULAR COMPLEXITY, THE DEVELOPMENT OF THE TECHNOLOGY OF ULTRAFAST IMAGING, AND ITS APPLICATIONS TO REAL SYSTEMS OF PHYSICAL, CHEMICAL, AND BIOLOGICAL FUNCTION. OUTCOMES FOR THIS GRANT INCLUDE CREATION AND MAINTENANCE OF THE ULTRAFAST IMAGING FACILITY.	2,500,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	FOR ESTABLISHMENT OF THE CENTER FOR COSMOCHEMICAL AND GEOCHEMICAL MICROANALYSIS. OUTCOMES FOR THIS GRANT INCLUDE INSTALLATION OF TWO ION MICROPROBES, DEVELOPMENT OF NOVEL GEOCHEMICAL INSTRUMENTATION, AND MAINTENANCE OF THE CENTER.	284,091.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	FOR CREATION OF THE PROTEOME EXPLORATION LABORATORY (CAPEL). RESEARCH AT CAPEL IS EXPECTED TO GENERATE NEW KNOWLEDGE OF HOW THE PROTEINS SPECIFIED BY A GENOME GIVE RISE TO AN ORGANISM. OUTCOMES FOR THIS GRANT INCLUDE INSTALLATION OF EQUIPMENT AND MAINTENANCE OF THE PROTEOME EXPLORATION LABORATORY.	900,556.
CALIFORNIA INSTITUTE OF TECHNOLOGY	NONE	TO ESTABLISH THE CENTER FOR COSMOCHEMICAL AND GEOCHEMICAL MICROANALYSIS. THE CENTER WILL SUSTAIN A PROGRAM OF THEORETICAL RESEARCH AIMED AT ATTACKING THE PROBLEMS POSED BY DARK MATTER, DARK ENERGY, AND THE EARLY UNIVERSE. OUTCOMES FOR THIS GRANT INCLUDE THE ADDITION OF TWO SENIOR	564,769.

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1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	501 (C) (3) 509 (A) (1)	SCIENTISTS (COSMOLOGY THEORISTS), ESTABLISHMENT OF A DISTINGUISHED VISITING SCHOLARS PROGRAM AND POSTDOCTORAL FELLOWSHIPS, AND MAINTENANCE OF THE CENTER.	
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF ESTABLISHING THE CENTER FOR INTEGRATIVE STUDY OF CELL REGULATION, AND POSTDOCTORAL FELLOWSHIPS.	677,461.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF REVOLUTIONIZING DETECTORS FOR COSMOLOGY.	1,511,100.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RESEARCH THAT WILL LEAD TO AN UNDERSTANDING OF THE EFFECTS OF REWARD AND PUNISHMENT AT NUMEROUS LEVELS OF HUMAN BRAIN ORGANIZATION.	926,614.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF EXPERIMENTATION WITH LARGE, DIVERSE, AND INTERCONNECTED SOCIO-ECONOMIC SYSTEMS.	685,270.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RESEARCH IN RELIABLE GENERATION, STORAGE, AND USE OF RENEWABLE ENERGY WITH THE ESTABLISHMENT OF THE CENTER FOR SUSTAINABLE ENERGY RESEARCH.	819,278.

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CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING THE MOLECULAR BASIS FOR DRIVING THE PHOTO-OXIDATION OF WATER TO ENABLE FUEL PRODUCTION DIRECTLY FROM SUNLIGHT.	420,928.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF ESTABLISHING THE CENTER FOR CATALYSIS AND CHEMICAL SYNTHESIS TO ACCELERATE THE DISCOVERY OF POWERFUL NEW CATALYTIC CHEMICAL REACTIONS AND NOVEL CHEMICAL ARCHITECTURES.	850,431.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	FOR DEVELOPING A DENSE, AFFORDABLE COMMUNITY SEISMIC NETWORK FOR USE IN POTENTIAL EARTHQUAKE REGIONS AND DEMONSTRATION OF ITS CAPABILITY IN THE PASADENA REGION. THE NETWORK WILL EMPLOY LARGE NUMBERS OF HETEROGENEOUS SENSORS, INCLUDING SENSORS ATTACHED TO DESKTOP COMPUTERS AND IN CELL PHONES, WHICH WILL BE CAPABLE OF SENDING DATA TO A DISTRIBUTED 'CLOUD COMPUTING' SYSTEM AND PRODUCING DETAILED MAPS OF GROUND AND BUILDING SHAKING INTENSITY SOON AFTER A SIGNIFICANT EARTHQUAKE.	1,500,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH THE CENTER FOR EXOTIC QUANTUM SYSTEMS TO UNITE A DIVERSE ON-CAMPUS COMMUNITY OF SCIENTISTS WHO WILL BE ABLE TO EXPAND THEIR LEADING-EDGE RESEARCH ON QUANTUM MATTER, QUANTUM LIGHT, QUANTUM NANO-MECHANICS, AND QUANTUM INFORMATION SCIENCE. THE CENTER WILL BECOME AN INTERNATIONALLY RECOGNIZED ENTITY THAT SUBSTANTIALLY ENHANCES CALTECH'S ABILITY TO RECRUIT THE VERY BEST STUDENTS, POSTDOCS, AND FACULTY IN THIS IMPORTANT FIELD.	956,660.

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CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH A CENTER FOR BIO-INSPIRED WIND ENERGY, WITH FACILITIES ON THE MAIN CAMPUS OF CALTECH AND AT THE RECENTLY ESTABLISHED CALTECH FIELD LABORATORY FOR OPTIMIZED WIND ENERGY IN NORTHERN LOS ANGELES COUNTY. THE CENTER WILL CARRY OUT RESEARCH, DEVELOPMENT, AND FIELD TESTING OF NOVEL WIND ENERGY TECHNOLOGIES INSPIRED BY ENGINEERING SOLUTIONS FOUND IN NATURE.	1,201,429.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT NEW EXPERIMENTS DESIGNED TO UNDERSTAND THE CAUSAL LINK BETWEEN GENE FUNCTIONS, THE BRAIN, AND BEHAVIOR. FUNDING WILL BE USED TO DEVELOP AUTO-MATED METHODS FOR MEASURING BEHAVIORS IN RODENTS AND TO INTEGRATE THESE NEW METHODS WITH ELECTROPHYSIOLOGICAL RECORDING, FUNCTIONAL IMAGING, AND GENETICALLY BASED MANIPULATIONS OF NEURONAL ACTIVITY.	918,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF PROGRESS TOWARD COMPLETION OF THE EARLY CONSTRUCTION PHASE OF THE THIRTY METER TELESCOPE. THE THIRTY METER TELESCOPE, TO BE BUILT ON MAUNA KEA, WILL BE THE FIRST OF THE NEXT-GENERATION GIANT OPTICAL/INFRARED GROUND-BASED TELESCOPES CAPABLE OF PEERING INTO THE BEGINNING OF THE UNIVERSE. THIS GRANT IS PAIRED WITH AN IDENTICAL AWARD TO THE UNIVERSITY OF CALIFORNIA.	7,500,000.
CALIFORNIA PACIFIC MEDICAL CENTER	NONE	TO DEVELOP, PILOT, AND EVALUATE THE IMPACT OF A TARGETED, YEAR-LONG MIDDLE MANAGER DEVELOPMENT PROGRAM TO ADVANCE THE LEADERSHIP AND MANAGEMENT COMPETENCIES OF NURSE MIDDLE MANAGERS. THROUGH THE IMPLEMENTATION OF TWO PILOTS, AT LEAST 28 PARTICIPANTS WILL COMPLETE THE YEAR-LONG	21,750.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PO BOX 7999 SAN FRANCISCO, CA 94120	501 (C) (3) 509 (A) (1)	MANAGEMENT DEVELOPMENT PROGRAM, AND A THOROUGH EVALUATION OF THE PROGRAM'S IMPACT ON KEY OUTCOMES WILL BE CONDUCTED. BROAD DISSEMINATION OF THE EVALUATION FINDINGS AND PROGRAM STRUCTURE WILL ENABLE OTHER HOSPITALS TO BENEFIT FROM THE LESSONS LEARNED BY TESTING THIS NEW MODEL OF MIDDLE MANAGER DEVELOPMENT.	
CALIFORNIA STATE UNIVERSITY 1600 HOLLOWAY AVENUE - ADM471 SAN FRANCISCO, CA 94132	NONE UNIT OF GOVERNMENT	FOR EXPANDING THE ON-SITE MASTERS IN NURSING COHORT PROGRAM AT STANFORD HOSPITALS & CLINICS AND LUCILE PACKARD CHILDREN'S HOSPITAL ('STANFORD/PACKARD'), TO ENABLE GRADUATION OF AN ADDITIONAL EIGHTEEN MSN STUDENTS EMPLOYED AT STANFORD/PACKARD AND OTHER SAN FRANCISCO BAY AREA HOSPITALS. THIS GRANT WILL ALSO SUPPORT AN EVALUATION OF THE CURRENT PROGRAM AND A STUDY TO ASSESS THE FEASIBILITY AND OPPORTUNITY FOR ADDITIONAL ON-SITE MASTER'S IN NURSING PROGRAMS IN THE SAN FRANCISCO BAY AREA.	65,486.
CANADIAN PARKS AND WILDERNESS SOCIETY, BRITISH COL 410 - 698 SEYMOUR ST. V6B 3K6 VANCOUVER BC CANADA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF THE PROVINCE'S OCEANS STRATEGY THAT ADVANCES MARINE SPATIAL PLANNING IN THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA AND WEST COAST VANCOUVER ISLAND.	16,856.
CANADIAN PARKS AND WILDERNESS SOCIETY, BRITISH COL 410 - 698 SEYMOUR ST. V6B 3K6 VANCOUVER BC CANADA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF DEVELOPING TECHNICAL ANALYSES FOR MARINE SPATIAL PLANNING AND THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA INITIATIVE.	158,610.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CAPE COD COMMERCIAL HOOK FISHERMENS ASSOCIATION IN 210-E ORLEANS ROAD NORTH CHATHAM, MA 02650	NONE 501 (C) (3) 509 (A) (2)	TO PROVIDE EXPERTISE AND SUPPORT TO ENSURE APPROPRIATE AND DURABLE IMPLEMENTATION OF SECTORS FOR GROUND FISH, EXPANSION OF CATCH SHARES INTO OTHER BOTTOM-DWELLING FISHERIES, AND REGULATIONS AND DESIGN ELEMENTS FOR SECTORS THAT ADDRESS SUSTAINABLE FISHING COMMUNITIES.	356,311.
CARNEGIE INSTITUTION OF WASHINGTON 1530 P STREET, NW WASHINGTON, DC 20005-1910	NONE 501 (C) (3) 509 (A) (1)	TO INCREASE THE TECHNICAL CAPACITY TO IMPLEMENT TRANSPARENT, STANDARDIZED MONTHLY AND ANNUAL SATELLITE-BASED MONITORING OF FOREST DISTURBANCE AND DEFORESTATION ACROSS THE ANDES-AMAZON REGION, BY PROVIDING TRAINING AND BASIC EQUIPMENT FOR THE CLASLITE SYSTEM TO GOVERNMENT AGENCIES AND NGOS.	397,678.
CARNEGIE INSTITUTION OF WASHINGTON 1530 P STREET, NW WASHINGTON, DC 20005-1910	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP AND INTEGRATE A NEXT GENERATION SPECTROMETER INTO THE AIRBORNE TAXONOMIC MAPPING SYSTEM, A REMOTE SENSING SYSTEM DESIGNED TO ACCURATELY IDENTIFY THE CHEMICAL, STRUCTURAL AND TAXONOMIC MAKEUP OF TROPIC FORESTS AT AN UNPRECEDENTED SCALE AND LEVEL OF DETAIL.	1,000,000.
CARNEGIE INSTITUTION OF WASHINGTON 1530 P STREET, NW WASHINGTON, DC 20005-1910	NONE 501 (C) (3) 509 (A) (1)	TO DEMONSTRATE FIELD METHODS FOR FOREST AND CARBON MONITORING IN COLOMBIA, BY PROVIDING ADVANCED GUIDELINES AND TRAINING FOR THE INTEGRATION OF THE VARIOUS FIELD, AIRBORNE, AND SPACE-BASED APPROACHES TO FOREST MONITORING IN ACCORDANCE WITH THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE'S TIER 3 LEVEL.	591,750.
CARNEGIE MELLON UNIVERSITY	NONE	TO IMPROVE COLLABORATIONS BETWEEN DOMAIN AND COMPUTER SCIENTISTS WITH THE DEVELOPMENT OF NEW ABSTRACTIONS AND METHODOLOGIES WITHIN DATA- INTENSIVE SCALABLE COMPUTING (DISC). THROUGH	380,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
5000 FORBES AVENUE PITTSBURGH, PA 15213	501 (C) (3) 509 (A) (1)	DEMONSTRATION PROJECTS IN COSMOLOGY AND IN CLOSE COOPERATION WITH ITS INSTITUTIONAL COLLABORATOR, UNIVERSITY OF WASHINGTON'S ESCIENCE INSTITUTE, CARNEGIE MELLON UNIVERSITY WILL DESIGN AND BUILD A PROTOTYPE DISC SYSTEM AND AN OPEN-SOURCE SOFTWARE SUITE FOR MANAGEMENT AND PROCESSING OF EXTREMELY LARGE DATA.	
CATHOLIC HEALTHCARE WEST 185 BERRY ST STE 300 SAN FRANCISCO, CA 94107	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF IMPLEMENTING BEST PRACTICES FOR EARLY IDENTIFICATION AND TREATMENT OF SEVERE SEPSIS AT CATHOLIC HEALTHCARE WEST'S SAN FRANCISCO BAY AREA AND GREATER SACRAMENTO HOSPITALS, WITH THE GOAL OF REDUCING ITS AGGREGATE SEVERE SEPSIS MORTALITY RATE BY 20% AND SUSTAINING THIS IMPROVED RATE OVER TIME.	300,000.
CATHOLIC HEALTHCARE WEST 1325 COTTONWOOD ST WOODLAND, CA 95695	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF AN EXTERNAL MAGNET READINESS ASSESSMENT FOR WOODLAND HEALTHCARE. THE READINESS ASSESSMENT WILL ASSIST WOODLAND HEALTHCARE TO DEVELOP A BASELINE ASSESSMENT ON THE STATE OF NURSING CARE AND PROVIDE INFORMATION FOR CONTINUOUS IMPROVEMENT OF NURSING CARE IN GREATER SACRAMENTO.	20,000.
CENTER FOR AMERICAN PROGRESS 1333 H STREET NW, 10TH FLOOR WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE OCEAN POLICY PROJECT, A NEW EFFORT DESIGNED TO ADVANCE MODERN, SCIENCE-BASED OCEAN POLICIES.	300,000.
CENTER FOR QUALITY SYSTEMS IMPROVEMENT	NONE	IN SUPPORT OF CREATING A READMISSIONS LEARNING COMMUNITY IN WHICH HOSPITALS AND THEIR OUTPATIENT PROVIDER PARTNERS CONFIRM AND SHARE EVIDENCE-BASED PRACTICES SHOWN TO REDUCE HOSPITAL READMISSIONS. THE OUTPUTS OF THE GRANT INCLUDE PARTICIPATION BY	500,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
1688 ORVIETTO DRIVE ROSEVILLE, CA 95661-3981	501 (C) (3) 509 (A) (1)	AT LEAST 50% OF THE 5-COUNTY SAN FRANCISCO BAY AREA HOSPITALS, AND THE COLLABORATIVE DEVELOPMENT OF DETAILED PLANS TO IMPLEMENT EVIDENCE-BASED PRACTICES, EACH DESIGNED TO REDUCE 30- AND 90-DAY HOSPITAL READMISSION RATES BY AT LEAST 30% BY DECEMBER 31, 2013.	
CENTRO DE CONSERVACION, INVESTIGACION Y MANEJO DE CALLE JOSE GABRIEL CHARIARSE 420 - LIMA PERU	NONE EQUIVALENT OF U.S. PUBL	TO MAINTAIN THE ZERO DEFORESTATION ZONE IN CORDILLERA AZUL AND THE STABILIZATION OF LAND USE IN THE PARK'S BUFFER ZONE, WHILE SECURING FINANCIAL SUSTAINABILITY FOR THE NATIONAL PARK. THE GRANT ALSO SUPPORTS THE DEVELOPMENT OF A REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD) PROJECT AND ITS INTEGRATION WITHIN THE NATIONAL AND REGIONAL REDD CONTEXTS AND ENSURES A SYSTEMATIC DISSEMINATION OF LESSONS.	338,175.
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BLVD OAKLAND, CA 94619	NONE 501 (C) (3) 509 (A) (3)	FOR THE TECHBRIDGE PROGRAM PARTNERSHIP WITH THE GIRL SCOUTS OF NORTHERN CALIFORNIA TO DEVELOP, IMPLEMENT AND SCALE UP A TWO-YEAR, OUT-OF-SCHOOL CURRICULUM DELIVERY PILOT PROGRAM ('GIRLS GO TECHBRIDGE') IN THE 10-COUNTY BAY AREA REGION, RESULTING IN 1) INCREASED CONFIDENCE, SKILLS, AND INTEREST IN SCIENCE IN 2,000-2,500 BAY AREA MIDDLE SCHOOL GIRLS; AND 2) AN EXPANSION OF THE PILOT PROGRAM TO 3 ADDITIONAL GIRL SCOUTS REGIONAL COUNCILS BY THE CONCLUSION OF THIS GRANT PERIOD.	31,862.
CHABOT SPACE & SCIENCE CENTER FOUNDATION	NONE	IN SUPPORT OF DEVELOPING A COMPREHENSIVE IMPLEMENTATION PLAN TO LAUNCH THE CHABOT CLIMATE CHANGE TEACHER WORKSHOPS IN THE SUMMER OF 2011, WHICH WILL PROVIDE TRAINING TO TEACHERS ON THE FUNDAMENTAL CONCEPTS OF CLIMATE CHANGE TO	310,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
10000 SKYLINE BLVD OAKLAND, CA 94619	501 (C) (3) 509 (A) (3)	EFFECTIVELY INSTRUCT THEIR 4TH-6TH GRADE STUDENTS ACROSS ALAMEDA COUNTY.	
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BLVD OAKLAND, CA 94619	NONE 501 (C) (3) 509 (A) (3)	IN SUPPORT OF THE DEVELOPMENT OF A COST-EFFECTIVE, REPLICABLE MODEL FOR SCALING UP THE TECHBRIDGE PROGRAM, WHICH PROVIDES HANDS-ON ACTIVITIES, ROLE MODELS AND WORKSITE VISITS, FAMILY OUTREACH, AND TEACHER TRAINING TO SERVE GIRLS ACROSS THE SAN FRANCISCO BAY AREA. NATIONAL RESEARCH, ROBUST ASSESSMENT, AND EVALUATION WILL BE COMPONENTS OF THE PROGRAM DESIGN AND REFINEMENT TO DEVELOP A SCALABLE AND SUSTAINABLE MODEL FOR EXPANSION AND DURABILITY.	400,000.
CHINESE HOSPITAL ASSOCIATION 845 JACKSON STREET SAN FRANCISCO, CA 94133	NONE 501 (C) (3) 509 (A) (1)	TO INVOLVE CHINESE HOSPITAL IN THE INSTITUTE FOR HEALTHCARE IMPROVEMENT, TRANSFORMING CARE AT THE BEDSIDE PROGRAM TO OPTIMIZE THE DISCHARGE PLANNING PROCESS FOR FRAGILE ELDERLY WITH CONGESTIVE HEART FAILURE.	70,830.
CLARK UNIVERSITY 950 MAIN STREET WORCESTER, MA 01610	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP A NEW CLOUD-COMPUTING SYSTEM FOR THE ORIGINATION, PLANNING, AND EVALUATION OF REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION PROJECTS FROM ITS LAND CHANGE MODELER SOFTWARE SYSTEM. THE NEW CLOUD-COMPUTING SYSTEM WILL BE PUBLICLY AVAILABLE IN A GEOSPATIAL DATABASE FACILITY PROVIDED BY GOOGLE'S EARTH ENGINE.	400,000.
COASTAL QUEST	NONE	TO IMPROVE UNDERSTANDING OF THE ECOSYSTEM SERVICES (ES) CONCEPT AND ITS APPLICATION TO CONSERVATION PRACTICE, POLICY, AND DECISION-MAKING. THE PROGRAM OF WORK WILL IDENTIFY NEEDS AND OPPORTUNITIES TO	227,727.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
283 4TH STREET, SUITE 202 OAKLAND, CA 94607	501 (C) (3) 509 (A) (1)	CATALYZE BROADER ACCEPTANCE AND MAINSTREAMING OF ES INTO POLICY AND ACTION, INCLUDING PERSPECTIVES ON THE ES DISCIPLINE THROUGH A GOVERNANCE, TECHNICAL CAPACITY, AND POLICY LENS.	
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	THIS RE-PROGRAMMING OF FUNDS TO CONSERVATION INTERNATIONAL (CI) SUPPORTS CI'S IMPLEMENTATION OF A MAJOR RESTRUCTURING OF ITS OPERATIONS TO ADDRESS ITS NEWLY-ARTICULATED MISSION AND VISION OF INTEGRATING THE SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES INTO DEVELOPMENT PRINCIPLES AND PRACTICES.	20,185,705.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	THIS GRANT WILL SUPPORT CONSERVATION INTERNATIONAL TO DEMONSTRATE AND AMPLIFY 'GREEN ECONOMY' MODELS THAT INCORPORATE THE VALUE OF ECOSYSTEM SERVICES INTO ECONOMIC DEVELOPMENT DECISIONS AND INCREASE UNDERSTANDING THAT THE CONSERVATION OF NATURE IS ESSENTIAL FOR ECONOMIC GROWTH AND THE LONG-TERM WELL-BEING OF HUMANITY.	4,500,000.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	TO ENABLE THE PROCESSING OF THE UNITED STATES GEOLOGICAL SERVICE LANDSAT ARCHIVE TO MAKE IT PUBLICLY AVAILABLE IN A CLOUD COMPUTING PLATFORM AND DATABASE FACILITY PROVIDED BY GOOGLE'S EARTH ENGINE.	332,785.
CONSERVATION LAW FOUNDATION 62 SUMMER STREET BOSTON, MA 02110	NONE 501 (C) (3) 509 (A) (1)	TO FACILITATE THE DISSEMINATION OF THE BEST AVAILABLE DATA AND KNOWLEDGE TO INFORM ACTIVE CONTRIBUTORS TO MARINE SPATIAL PLANNING IMPLEMENTATION AND ENGAGEMENT AT THE STATE, REGIONAL, AND FEDERAL SCALES, AS THEY RELATE TO NEW ENGLAND.	336,558.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CONSERVATION STRATEGY FUND 1160 G STREET ARCATA, CA 95521	NONE 501 (C) (3) 509 (A) (1)	FOR ACTIVITIES TO DEVELOP A RATIONAL APPROACH TO CONSERVATION AND SOCIOECONOMIC DEVELOPMENT IN STRATEGIC GEOGRAPHIES OF THE AMAZON BASIN.	671,662.
CONSORTIUM FOR OCEAN LEADERSHIP INC. 1201 NEW YORK AVENUE, NW, SUITE 420 WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A SERIES OF COMMUNITY RETREATS TO IDENTIFY TRANSFORMATIVE DIRECTIONS FOR THE FIELD OF MARINE MICROBIOLOGY. FUNDING WILL BE USED TO PLAN AND EXECUTE A SERIES OF RETREATS IN 2010 AND 2011 AND TO SYNTHESIZE THE INFORMATION GATHERED INTO A FREELY-ACCESSIBLE WHITE PAPER DESCRIBING TRANSFORMATIVE DIRECTIONS FOR THE FIELD OF MARINE MICROBIAL ECOLOGY.	300,000.
COOPERATIVE FOR ASSISTANCE AND RELIEF EVERYWHERE, 151 ELLIS STREET, NE ATLANTA, GA 30303	NONE 501 (C) (3) 509 (A) (1)	FOR THE DEVELOPMENT OF INTERNATIONALLY APPLICABLE, CREDIBLE, AND EFFECTIVE SOCIAL AND ENVIRONMENTAL STANDARDS FOR REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION, A MECHANISM CURRENTLY BEING IMPLEMENTED ON A GLOBAL SCALE, WHICH IS EXPECTED TO BE INCLUDED IN THE POST-2012 GLOBAL UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE CLIMATE AGREEMENT. THESE STANDARDS WILL CONTRIBUTE SIGNIFICANTLY TO REDUCING POVERTY AND ACHIEVING HUMAN RIGHTS AND BIODIVERSITY CONSERVATION GOALS, WHILE AVOIDING SOCIAL OR ENVIRONMENTAL HARM.	61,082.
COOPERATIVE FOR ASSISTANCE AND RELIEF EVERYWHERE,	NONE	FOR THE DEVELOPMENT, REVIEW, AND TESTING OF INTERNATIONALLY APPLICABLE, CREDIBLE, AND EFFECTIVE SOCIAL AND ENVIRONMENTAL STANDARDS FOR REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD+). STANDARDS DEVELOPED BY THIS PROJECT WILL BE PILOTED IN KEY COUNTRIES TO STRENGTHEN THE REDD+ PROGRAM DESIGN AND	550,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
151 ELLIS STREET, NE ATLANTA, GA 30303	501 (C) (3) 509 (A) (1)	IMPLEMENTATION BY REDUCING POVERTY AND ACHIEVING HUMAN RIGHTS AND BIODIVERSITY CONSERVATION GOALS, WHILE AVOIDING SOCIAL OR ENVIRONMENTAL HARM.	
DAUGHTERS OF CHARITY HEALTH SYSTEMS 26000 ALTAMONT RD. LOS ALTOS HILLS, CA 94022-4317	NONE 501 (C) (3) 509 (A) (1)	TO IMPLEMENT THE CLINICAL ADVANCEMENT IN RESEARCH AND EDUCATION PROJECT, A COMPREHENSIVE PROGRAM TO IMPLEMENT NURSING-LED QUALITY COUNCILS AND EVIDENCE-BASED PRACTICES AT THE BEDSIDE AT EACH OF THE GRANTEE'S THREE ACUTE CARE HOSPITALS IN THE SAN FRANCISCO BAY AREA. THROUGH THE GRANT, THE HOSPITALS WILL USE A NURSING-LED QUALITY COUNCIL METHODOLOGY (AS IMPLEMENTED BY THE INTEGRATED NURSE LEADERSHIP PROGRAM) WITH AN IMMEDIATE FOCUS ON REDUCING SEVERE SEPSIS MORTALITY.	350,000.
DAVID SUZUKI FOUNDATION 2211 WEST 4TH AVENUE, SUITE 219 V6K 4S2 VANCOUVER BC CANADA	NONE EQUIVALENT OF U.S. PUBL	TO INCREASE THE INCENTIVES FOR INDUSTRY LEADERS AND GOVERNMENTS TO IMPROVE SALMON AQUACULTURE AND FISHERIES MANAGEMENT PRACTICES IN BRITISH COLUMBIA.	226,325.
DAVID SUZUKI FOUNDATION 2211 WEST 4TH AVENUE, SUITE 219 V6K 4S2 VANCOUVER BC CANADA	NONE EQUIVALENT OF U.S. PUBL	TO MAINTAIN A TARGETED CONSTITUENCY IN BRITISH COLUMBIA THAT IS SUPPORTIVE OF A MARINE SPATIAL PLANNING PROCESS IN THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA THAT INCLUDES A SPATIAL MANAGEMENT PLAN AND NETWORK OF MARINE PROTECTED AREAS.	28,235.
DUKE UNIVERSITY	NONE	IN SUPPORT OF THE INSTITUTE'S 'POLICY LAB' APPROACH TO ENGAGE A BROAD GROUP OF INDUSTRY STAKEHOLDERS TO DEVELOP A COMMON UNDERSTANDING OF MARINE SPATIAL PLANNING (MSP), SHARE EXAMPLES OF MSP IMPLEMENTATION BOTH DOMESTICALLY AND	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2200 W. MAIN STREET SUITE 710 DURHAM, NC 27705	501 (C) (3) 509 (A) (1)	INTERNATIONALLY, AND PREPARE AN ASSESSMENT OF POTENTIAL ADVANTAGES AND DISADVANTAGES.	
EARTHWORKS 1612 K ST NWSUITE 808 WASHINGTON, DC 20006	NONE 501 (C) (3) 509 (A) (1)	TO ENGAGE WITH THE PRIVATE SECTOR AROUND THE PRO- POSED DEVELOPMENT OF PEBBLE MINE IN BRISTOL BAY.	567,246.
EAST CONTRA COSTA COUNTY HABITAT CONSERVANCY 651 PINE STREET, NORTH WING, 4TH FLOOR MARTINEZ, CA, CA 94553	NONE 501 (C) (3) 509 (A) (1)	FOR THE PROTECTION OF THE 1,021-ACRE SOUZA III PROPERTY, A KEY STEP IN PRESERVING A CRITICAL GRASSLAND HABITAT AND WILDLIFE CORRIDOR, AND WILL FUND A RESEARCH PROJECT TO ADVANCE THE SCIENCE RELATED TO WIND TURBINE AND WILDLIFE INTERACTIONS. THE GRANT WILL LEVERAGE THE FINANCIAL AND OPERATIONAL COMMITMENTS OF THE CONSERVANCY, THE EAST BAY REGIONAL PARK DISTRICT, AND THE U.S. DEPARTMENT OF THE INTERIOR AND SUPPORT EXPANSION OF THE LARGE-SCALE CONSERVATION AREA AROUND MOUNT DIABLO ENVISIONED BY THE EAST CONTRA COSTA COUNTY HABITAT CONSERVATION PLAN / NATURAL COMMUNITY CONSERVATION PLAN.	2,250,000.
ECOTRUST 721 NW NINTH AVENUE, SUITE 200 PORTLAND, OR 97209	NONE 501 (C) (3) 509 (A) (1)	TO ENSURE THE SUSTAINABILITY OF RENEWABLE NATURAL RESOURCES IN THE COPPER RIVER WATERSHED OF ALASKA. FUNDING WILL BE USED TO ADVANCE THE SCIENTIFIC UNDERSTANDING OF SALMON ECOLOGY AND TO ENCOURAGE THE ADOPTION OF MANAGEMENT PRACTICES THAT PROMOTE LONG-TERM SUSTAINABILITY OF THE WATERSHED'S WILD SALMON POPULATIONS.	729,075.
ECOTRUST	NONE	TO FACILITATE THE TRANSFER OF INFORMATION, ENCOURAGE THE USE OF BEST MANAGEMENT PRACTICES, AND INTRODUCE BETTER TOOLS TO MANAGERS AND OTHER STAKEHOLDERS IN SALMON ECOSYSTEMS THROUGHOUT THE	599,650.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 23 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
721 NW NINTH AVENUE, SUITE 200 PORTLAND, OR 97209	501 (C) (3) 509 (A) (1)	PACIFIC RIM.	
ECOTRUST CANADA SUITE 200 1238 HOMER STREET V6B 2Y5 VANCOUVER BC CANADA	NONE EQUIVALENT OF U.S. PUBL	TO FACILITATE DISCUSSION AMONGST BRITISH COLUMBIA NORTH COAST FISHING COMMUNITIES AND ORGANIZATIONS ABOUT BUILDING DIVERSITY AND ADAPTIVE CAPACITY INTO THEIR FISHERIES. FUNDING WILL ALSO SUPPORT REGIONAL COLLABORATION ON AN ALTERNATIVE DESIGN FOR A DIVERSIFIED AND INTEGRATED FISHERY THAT REDUCES SINGULAR DEPENDENCE ON OCEAN-BASED HARVEST OF SKEENA WILD SALMON.	180,556.
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 473 VIA ORTEGA, MAIL CODE 4205 STANFORD, CA 94305-6030	NONE 501 (C) (3) 509 (A) (1)	TO CREATE CONDITIONS FOR THE EFFECTIVE MANAGEMENT OF PROTECTED AREAS IN THE RESERVE MOSAIC OF THE THE ENVIRONMENTAL DEFENSE FUND, AND INCLUDING THE INSTITUTO SOCIOAMBIENTAL AND THE PROTECTED FOREST ASSOCIATION, WILL IMPROVE INDIGENOUS AND COMMUNITY ASSOCIATIONS, MAINTAIN THE INTEGRITY OF PARK BORDERS, AND ESTABLISH MARKETS FOR NON-TIMBER FOREST PRODUCTS, INCLUDING CARBON.	323,629.
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 473 VIA ORTEGA, MAIL CODE 4205 STANFORD, CA 94305-6030	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE GREATER XINGE COMPLEX CONSERVATION PROGRAM, WHICH WILL PROVIDE THE CONDITIONS FOR THE EFFECTIVE MANAGEMENT OF PROTECTED AREAS IN THE RESERVE MOSAIC OF THE INDIGENOUS AND COMMUNITY ASSOCIATIONS, MAINTAINING THE INTEGRITY OF PARK BORDERS, AND ESTABLISHING MARKETS FOR NON-TIMBER FOREST PRODUCTS.	500,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 23 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 473 VIA ORTEGA, MAIL CODE 4205 STANFORD, CA 94305-6030	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF IMPLEMENTATION OF GOOD CATCH SHARES IN NEW ENGLAND AS AN EFFECTIVE FISHERY MANAGEMENT TOOL TO RESTORE FISHERIES, AND, MARINE ECOSYSTEMS AND CREATE A SUSTAINABLE FISHING INDUSTRY. THE PROJECT WILL INCLUDE REFINING AND STRENGTHENING THE GROUND FISH SECTOR-BASED CATCH SHARE PROGRAM TO ADDRESS RESOURCE CONSERVATION AND SOCIOECONOMIC GOALS, IMPLEMENTING GOOD CATCH SHARES FOR MONKFISH THROUGH AN EXEMPLARY AND INCLUSIVE DESIGN PROCESS, GAINING THE SUPPORT OF KEY REGIONAL CONSTITUENCIES, AND ENSURING THE LEADERSHIP, TECHNICAL EXPERTISE, RESOURCES, AND SCIENTIFIC FOUNDATION NEEDED FOR DURABILITY ARE HELD BY LOCAL INSTITUTIONS AND STAKEHOLDERS.	500,000.
EQUIPE DE CONSERVACAO DA AMAZONIA SAS QUADRA 03 BLOCO C -ED. BUSINESS 70070-934 BRASILIA DF BRAZIL	NONE EQUIVALENT OF U.S. PUBL	IN PARTNERSHIP WITH INDIGENOUS ASSOCIATIONS AND NGOS, FOR PARTICIPATORY ZONING AND CARBON STOCK ASSESSMENTS ON 5.3 MILLION HECTARES OF INDIGENOUS LANDS IN BRAZIL. PROJECT GOALS INCLUDE REFINEMENT OF CULTURALLY APPROPRIATE, SCIENTIFICALLY RIGOROUS DATA COLLECTION METHODS BY INDIGENOUS COMMUNITIES, AND USING 'SMART-PHONE' AND OPEN DATA KIT TECHNOLOGY.	504,554.
FEDORA COMMONS 165 WASHINGTON ST. SUITE #201 WINCHESTER, MA 01890	NONE 501 (C) (3) 509 (A) (1)	TO PROVIDE THE TECHNICAL EXPERTISE AND COMMUNITY FRAMEWORK NEEDED TO DEVELOP SUSTAINABLE OPEN- SOURCE SOFTWARE FOR INNOVATIVE COLLABORATION AND KNOWLEDGE SHARING AMONG SCIENTISTS, SCHOLARS, AND EDUCATORS, WHILE ENSURING THE INTEGRITY AND LONGEVITY OF THE RESULTS OF THEIR WORK.	1,025,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
FIELD MUSEUM OF NATURAL HISTORY 1400 S. LAKE SHORE DR CHICAGO, IL 60605-2496	NONE 501 (C) (3) 509 (A) (2)	TO SECURE CRITICAL CONSERVATION LANDSCAPES WHILE ENGAGING LOCAL RESIDENTS IN STEWARDSHIP, AND TO BOLSTER LOCAL EXPERTISE IN EFFECTIVE RAPID BIOLOGICAL-SOCIAL INVENTORIES. FUNDING WILL BE USED TO PROMOTE THE CREATION OF NEW REGIONAL CONSERVATION AREAS AND THE EFFECTIVE MANAGEMENT OF KEY PROTECTED AREA'S BUFFER ZONES IN PERU (LORETO); AND TO HOST A BI-NATIONAL INVENTORY- SCIENCE TRAINING COURSE FOR LORETO AND PANDO FOCUSED ON CONDUCTING BIOLOGICAL AND SOCIAL INVENTORIES AND INTEGRATING RESULTS INTO COMPELLING RECOMMENDATIONS FOR DECISION-MAKERS.	700,000.
FONDO AMBIENTAL NACIONAL AVE. AMAZONAS N34-311 Y ATAHUALPA, QUITO ECUADOR	NONE EQUIVALENT OF U.S. PUBL	TO CONSOLIDATE RESULTS OF PRIOR WORK ON EFFECTIVE MANAGEMENT OF THE NATIONAL SYSTEM OF PROTECTED AREAS IN ECUADOR WITHIN THE CONDOR KUTUKU CONSERVATION CORRIDOR, TO STRENGTHEN MANAGEMENT OF SANGAY AND PODOCARPUS NATIONAL PARKS, TO BUILD CAPACITY OF KEY LOCAL STAKEHOLDERS IN PARK MANAGEMENT, AND TO PROMOTE COLLABORATION AMONG NONPROFIT PARTNERS AND THE ECUADORIAN MINISTRY OF THE ENVIRONMENT FOR ACHIEVING NATIONAL CONSERVATION GOALS.	300,000.
FONDO DE LAS AMERICAS AVENIDA JAVIER PRADO ESTE 5318, LA 33 LIMA PERU	NONE UNIT OR AGENCY OF FORE	IN SUPPORT OF BASIC INFRASTRUCTURE, EQUIPMENT, AND PATROL PERSONNEL TO LEVERAGE THE WORK OF CONSERVATION GROUPS AND LOCAL INDIGENOUS PEOPLES IN FORMALLY DESIGNATED RESERVES IN PERU. OUTCOMES INCLUDE CREATION AND CONSOLIDATION OF ICHIGKAT MUJA CORDILLERA DEL CONDOR NATIONAL PARK AND THE TUNTANAIN Y KAMPAGKIS COMMUNAL RESERVES TO ADD 650,000 HECTARES OF NEWLY PROTECTED LANDS TO THE SANTIAGO COMAINA RESERVED ZONE.	289,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
FOREST ETHICS 1 HAIGHT ST.SUITE B SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (2)	TO PROVIDE STRATEGIC SUPPORT TO THE REGIONAL COALITION OF WILD SALMON INTERESTS CHALLENGING THE CURRENT APPROACH TO LARGE-SCALE ENERGY DEVELOPMENT.	173,880.
FOREST TRENDS ASSOCIATION 150 POTOMAC STREET NW WASHINGTON, DC 20007	NONE 501 (C) (3) 509 (A) (1)	TO ADVANCE THE REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION AND FOREST CARBON POLICY DIALOGUE, AT THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE AND AT THE NATIONAL-LEVEL, TO RECONCILE THE POTENTIAL FOR SUB-NATIONAL PROJECT ACTIVITIES TO DELIVER EMISSIONS REDUCTIONS AND SECURE FINANCING WITHIN EMERGING REGULATORY FRAMEWORKS.	384,818.
FOREST TRENDS ASSOCIATION 150 POTOMAC STREET NW WASHINGTON, DC 20007	NONE 501 (C) (3) 509 (A) (1)	FOR THE DEVELOPMENT OF GHANA'S NATIONAL REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD) STRATEGY BY TARGETING KEY TECHNICAL AND INSTITUTIONAL CAPACITY-BUILDING OPPORTUNITIES AND FOCUSING ON SPECIFIC NATIONAL AND SUB-NATIONAL DEMONSTRATION ACTIVITIES THAT WILL INFORM RELEVANT POLICY AND INCREASE THE LIKELIHOOD THAT AN EFFECTIVE REDD MECHANISM WILL BE INCLUDED IN A POST-2012 INTERNATIONAL CLIMATE AGREEMENT.	109,252.
FUNDACAO AMAZONICA DA DEFESA DA BIOSFERA	NONE	FOR A PARTNERSHIP WITH THE STATE OF AMAZONAS ENVIRONMENT AND SUSTAINABLE DEVELOPMENT AGENCY, TO INCREASE AND IMPROVE THE STATE'S EXISTING PROTECTED AREA SYSTEM, AND INCREASE THE CAPACITY TO CARRY OUT SUCH A PROGRAM. THIS GRANT WILL: SUPPORT CREATION OF AT LEAST 10 NEW PROTECTED AREAS, TOTALING NO LESS THAN 1.2 MILLION HECTARES (FIVE OF THEM WITHIN A FRONTIER ZONE); EFFECTIVE	672,569.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u> 	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND <u>FOUNDATION STATUS OF RECIPIENT</u> 	<u>PURPOSE OF GRANT OR CONTRIBUTION</u> 	<u>AMOUNT</u>
RUA DOS CRISANTEMOS, 70 - CONJUNTO 69083-230 MANAUS AM BRAZIL	EQUIVALENT OF U.S. PUBL	MANAGEMENT OF 10 NEW AND 5 EXISTING PROTECTED AREAS AMOUNTING TO 10.6 MILLION HECTARES; AND DEVELOP SUSTAINABLE POLICIES AND TEST THEIR EFFECTIVENESS IN ORDER TO SUPPORT THE AMAZONAS STATE PROTECTED AREA SYSTEM.	
FUNDACAO DE DESENVOLVIMENTO DA PESQUISA BELO HORIZONTE MATO GROSSO BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO PROVIDE THE ANALYSIS AND PLANNING TOOLS NECESSARY FOR REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD) AND ASSOCIATED GREENHOUSE GAS EMISSIONS IN THE TRI-NATIONAL MADRE DE DIOS, ACRE, PANDO REGION OF THE ANDES-AMAZON BASIN, CURRENTLY UNDER THREAT BY THE PLANNED PAVING OF THE INTER-OCEANIC HIGHWAY. THE PROJECT WILL ESTABLISH A CONSULTATION PROCESS WITH STAKEHOLDERS IN THE REGION WHO WILL IMPLEMENT MEASURES TO REDUCE DEFORESTATION AND RECEIVE COMPENSATION FOR CARBON CREDITS GENERATED FROM THIS REDUCTION. THIS WORK WILL ASSIST DIRECTLY IN DEVELOPING INFORMATION AND PLANS BY THE STATES IN THE REGION TO UNDERSTAND THEIR POTENTIAL TO REDUCE FUTURE DEFORESTATION AND PARTICIPATE IN ANY FUTURE REDD PROGRAMS TO PROVIDE MONETARY INCENTIVES TO REWARD REDUCTIONS IN GREENHOUSE GAS EMISSIONS.	646,499.
FUNDACAO INSTITUTO DE BIODIVERSIDADE E MANEJO DE E	NONE	IN SUPPORT OF FRONTIER CONSOLIDATION OUTCOMES BY FOCUSING THE RESEARCH EFFORTS OF TWO FEDERAL UNIVERSITY OF ACRE (UFAC) ACADEMIC PROGRAMS ON THE EFFECTIVE MANAGEMENT OF PRIORITY PROTECTED AREAS IN THE TRI-NATIONAL (BRAZIL-BOLIVIA-PERU) AMAZONIAN FRONTIER. INCREASED RESEARCH PRODUCTIVITY FROM THESE EFFORTS WILL ENABLE THE PROGRAMS TO TRANSITION TO DOCTORAL STATUS, A	68,195.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CAMPUS UNIVERSITARIO, BR 364, KM 04 RIO BRANCO ACRE BRAZIL	EQUIVALENT OF U.S. PUBL	NECESSARY STEP FOR UFAC TO SECURE CONTINUED GOVERNMENT FUNDING FOR APPLIED PROTECTED AREA RESEARCH.	
FUNDACAO UNISELVA AVENIDA FERNANDO CORREA DA COSTA S/ CAIXA POSTAL 3 CEP: 78.070-970 MATO GROSSO BRAZIL	NONE EQUIVALENT OF U.S. PUBL	FOR THE LAW SCHOOL AT THE FEDERAL UNIVERSITY OF MATO GROSSO, BRAZIL TO DEVELOP A DISTANCE SPECIALIZATION COURSE IN AGRO-ENVIRONMENTAL LAW AND IMPLEMENT IT IN MATO GROSSO AND ACRE STATES, PREPARE LEGAL CASES AGAINST INCIDENTS OF ILLEGAL DEFORESTATION IN MATO GROSSO, AND TRAIN COMMUNITY LEADERS AND ENVIRONMENTAL COUNCILS BASIN-WIDE IN EFFECTIVE USE OF BRAZIL'S ENVIRONMENTAL LAWS. THESE OUTPUTS WILL ENABLE STATE AND FEDERAL ENVIRONMENTAL AGENCIES, PUBLIC PROSECUTORS, AND CIVIL SOCIETY IN THE STATES OF MATO GROSSO AND ACRE TO MAKE MORE EFFECTIVE USE OF THE BRAZILIAN LEGAL SYSTEM TO DETECT AND PROSECUTE ENVIRONMENTAL CRIMES, AND DECREASE ILLEGAL DEFORESTATION BY INCREASING TRANSPARENCY.	45,248.
FUNDACAO VITORIA AMAZONICA	NONE	FOR THE EFFECTIVE MANAGEMENT OF A SERIES OF PROTECTED AREAS IN THE LOWER AND MIDDLE RIO NEGRO BASIN TOTALING APPROXIMATELY FOUR MILLION HECTARES. IT IS THE SECOND PHASE OF A PROCESS TO HELP CREATE AND IMPLEMENT AN APPROPRIATE MOSAIC OF PROTECTED AREAS IN THIS REGION AND WILL INCLUDE BASIC MANAGEMENT OF THE RIO UNINI EXTRACTIVE RESERVE (833,352 HECTARES), THE RIO NEGRO STATE PARK-NORTH (146,028 HECTARES), AND JAU NATIONAL PARK (2,272,000 HECTARES); AND WILL ALSO CONTINUE EFFORTS IN SERRA DO ARACA STATE PARK (1,818,700 HECTARES) TO REDEFINE THE BOUNDARIES AS IT	378,078.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
RUA ESTRELA DALVA, 146, CJ MORADA D 69083-093 MANAUS AM BRAZIL	EXPENDITURE RESPONSIBI	CURRENTLY OVERLAPS WITH THE YANOMAMI INDIGENOUS RESERVE.	
FUNDACION AMIGOS DE LA NATURALEZA KM. 7 CARRETERA ANTIGUA A COCHABAMB SANTA CRUZ AA BELARUS	NONE EQUIVALENT OF U.S. PUBL	TO PLAN AND COORDINATE THE IMPLEMENTATION OF A SUB-NATIONAL PROGRAM FOR REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION WITHIN BENI AND PANDO. THIS PROJECT WILL IMPLEMENT THE FIRST SUB-NATIONAL PROGRAM IN THE WORLD TO INCLUDE INDIGENOUS COMMUNAL LANDS, AND INVOLVE INDIGENOUS COMMUNITY ORGANIZATIONS IN PROGRAM DESIGN, ITS IMPLEMENTATION, AND ADMINISTRATION. THIS PROJECT WILL HELP TO PROTECT THE LAST REMAINING CONSERVATION CORRIDOR CONNECTING DRY AND TRANSITIONAL FORESTS WITH AMAZON FORESTS IN NORTHEASTERN BOLIVIA.	800,000.
FUNDACION NATURA CARRERA 21 NO. 39 - 4 BOGOTA DC COLOMBIA	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT THE WORK OF THE COLOMBIAN INSTITUTO DE HIDROLOGIA, METEOROLOGIA Y ESTUDIOS AMBIENTALES TO ENABLE THE DEPLOYMENT OF TECHNICAL AND OPERATIONAL ABILITY TO DESIGN, BASELINE, MONITOR AND SUPPORT PROJECTS FOR REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION AT THE NATIONAL AND SUB-NATIONAL LEVEL IN COLOMBIA.	160,099.
FUNDACION PARA LA SOBREVIVENCIA DEL PUEBLO COFAN	NONE	TO ESTABLISH TRAINING, ADMINISTRATIVE, AND LOGISTICAL INFRASTRUCTURE NECESSARY FOR CONSOLIDATION AND DEVELOPMENT OF MANAGEMENT PLANS AND IMPLEMENTATION OF MONITORING ACTIVITIES IN INSTITUTO PARA LA CONSERVACION Y CAPACITACION AMBIENTAL AS A PRIMARY TRAINING FACILITY FOR	71,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
MARIANO CARDENAL N74-153 Y JOAQUIN QUITO ECUADOR	EQUIVALENT OF U.S. PUBL	INDIGENOUS AND LOCAL COMMUNITIES.	
FUNDACION PARA LA SOBREVIVENCIA DEL PUEBLO COFAN MARIANO CARDENAL N74-153 Y JOAQUIN QUITO ECUADOR	NONE EQUIVALENT OF U.S. PUBL	PROGRAM THROUGH CONTINUED IMPLEMENTATION OF THE RANGER PROGRAM. ADDITIONAL OUTCOMES ARE THE DISSEMINATION AND REPLICATION OF RESULTS AMONG OTHER COMMUNITY-BASED ORGANIZATIONS IN THE ECUADORIAN AMAZON, INCLUDING THE TRAINING OF THEIR MEMBERS IN MANAGEMENT AND MONITORING TECHNIQUES, AND A SYSTEMATIC EFFORT TOWARD FINANCIAL SUSTAINABILITY THROUGH THE IMPLEMENTATION OF PAYMENT FOR ECOSYSTEM SERVICES MECHANISMS.	275,000.
FUNDACION PERUANA PARA LA CONSERVACION DE LA NATUR CALLE ALFREDO LEON 211 LIMA PERU	NONE EQUIVALENT OF U.S. PUBL	TO WORK IN PARTNERSHIP WITH THE NATURE CONSERVANCY AND THE INSTITUTO DEL BIEN COMEN, FOR THE CREATION AND EFFECTIVE MANAGEMENT OF A 1.5 MILLION HECTARE LANDSCAPE MOSAIC COMPOSED OF PROTECTED AREAS, INDIGENOUS RESERVES AND SUSTAINABLE NATURAL RESOURCE USE AREAS IN THE SIERRA DEL DIVISOR RESERVED ZONE OF PERUVIAN AMAZONIA. WITH THE ACTIVE PARTICIPATION OF CIVIL SOCIETY AND REGIONAL GOVERNMENT AUTHORITIES, THE MOSAIC WILL ENSURE BIODIVERSITY CONSERVATION, PROTECTION OF INDIGENOUS PEOPLES IN VOLUNTARY ISOLATION, AND THE MANAGEMENT AND SUSTAINABLE USE OF THE RESOURCES AND TERRITORIES OF LOCAL POPULATIONS. A THREAT- MONITORING SYSTEM WILL BE DEVELOPED FOR THE UCAYALI AND LORETO REGIONS IN PERU AND WILL BE ADAPTED, EXPANDED AND JOINTLY IMPLEMENTED IN THE CROSS-BORDER PERU-BRAZIL SIERRA DEL DIVISOR REGION THROUGH BI-NATIONAL COORDINATION MECHANISMS.	1,098,221.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
FUNDO BRASILEIRO PARA A BIODIVERSIDADE LARGO DO IBAM, 01/ 6 ANDARHUMAITA CEP: 22271 070 RIO DE JANEIRO - RJ BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT THE CONSERVATION FINANCE ALLIANCE SECRETARIAT AND A TARGETED STUDY IN PARTNERSHIP WITH PRICEWATERHOUSECOOPERS - LONDON ON THE CURRENT AND POTENTIAL ROLE OF CIVIL SOCIETY ORGANIZATIONS IN THE EVOLVING FOREST CARBON SUPPLY CHAIN AND MARKET DEVELOPMENT. SPECIFIC ATTENTION WILL BE PLACED ON THE ROLE THAT CONSERVATION TRUST FUNDS CAN PLAY AS FIDUCIARY MANAGERS OF CARBON FINANCING BY EFFECTIVELY, EFFICIENTLY, AND TRANSPARENTLY MANAGING FINANCIAL FLOWS TO APPROPRIATE BENEFICIARY GROUPS.	19,753.
FUNDO BRASILEIRO PARA A BIODIVERSIDADE LARGO DO IBAM, 01/ 6 ANDARHUMAITA CEP: 22271 070 RIO DE JANEIRO - RJ BRAZIL	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF A HIGHLY LEVERAGED INITIATIVE OF THE LATIN AMERICAN AND CARIBBEAN NETWORK OF CONSERVATION TRUST FUNDS IN THEIR DEVELOPMENT OF INNOVATIVE, MARKET-BASED, FINANCIAL SOLUTIONS FOR CONSERVATION.	450,000.
GREAT BEAR INITIATIVE SOCIETY 409 GRANVILLE SUITE SUITE 1660 V6C 1T2 VANCOUVER BC CANADA	NONE EXPENDITURE RESPONSIBI	FOR ENHANCING AND INTEGRATING COMMUNITY-LEVEL MARINE SPATIAL PLANS IN SUPPORT OF ACHIEVING A GOOD PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA MARINE SPATIAL PLAN. THIS GRANT ALSO SUPPORTS THE GRANTEE'S TRANSITION TO ORGANIZATIONAL AND FINANCIAL DURABILITY IN IMPLEMENTING THE GREAT BEAR RAINFOREST AGREEMENTS.	624,975.
GREAT BEAR INITIATIVE SOCIETY	NONE	IN SUPPORT OF ENHANCING AND INTEGRATING COMMUNITY- LEVEL MARINE SPATIAL PLANS TO ACHIEVE A GOOD PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA MARINE SPATIAL PLAN. THIS GRANT ALSO SUPPORTS THE GRANTEE'S TRANSITION TO ORGANIZATIONAL AND FINANCIAL DURABILITY AND THEIR CONTINUED HELP IN IMPLEMENTING THE GREAT BEAR RAINFOREST	216,338.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
409 GRANVILLE SUITE SUITE 1660 V6C 1T2 VANCOUVER BC CANADA	EXPENDITURE RESPONSIBI	AGREEMENTS.	
GREATER WASHINGTON EDUCATIONAL TELECOMMUNICATIONS 2775 SOUTH QUINCY STREET ARLINGTON, VA 22206	NONE 501 (C) (3) 509 (A) (2)	FOR THE CREATION OF A NEW PBS SCIENCE-BASED PROGRAM ENTITLED 'WHAT'S AT STAKE?' THROUGH THE DEVELOPMENT OF BOTH TRADITIONAL BROADCAST AND NEWER, WEB-BASED MEDIA CONTENT, THIS PROGRAM AIMS TO INFORM AND EDUCATE ITS AUDIENCE WITH BOTH IN-DEPTH JOURNALISM AND SHORT, TIMELY REPORTS ON CURRENT BREAKING NEWS IN SCIENCE AND ENGINEERING.	125,000.
GULF OF MAINE RESEARCH INSTITUTE 350 COMMERCIAL STREET PORTLAND, ME 04101	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT A SECTOR EXTENSION PROGRAM AT THE GULF OF MAINE RESEARCH INSTITUTE, TO PROVIDE TECHNICAL AND SCIENTIFIC EXPERTISE TO FISHING SECTORS IN THE NEW ENGLAND REGION.	288,783.
GULF OF MAINE RESEARCH INSTITUTE 350 COMMERCIAL STREET PORTLAND, ME 04101	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF WORK TO IMPROVE THE SECTOR MANAGEMENT SYSTEM FOR NEW ENGLAND'S GROUND FISH INDUSTRY, PROVIDE CONVENING AND TECHNICAL ASSISTANCE TO THE MONKFISH FISHERY AS IT DEVELOPS A NEW CATCH SHARE SYSTEM, ASSIST GROUND FISH SECTORS TO ADOPT CLEANER FISHING TECHNOLOGY, AND PROVIDE REGION-WIDE OUTREACH AND EDUCATION TO THE REGION'S FISHING INDUSTRY, FISHERIES MANAGEMENT AGENCIES, AND POLICY MAKERS.	551,255.
H. JOHN HEINZ III CENTER FOR SCIENCE ECONOMICS AND	NONE	TO CREATE A VIABLE AND BROADLY-AGREED-UPON APPROACH TO FOREST ACCOUNTING THAT COULD BE USED FOR THE INCLUSION OF REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION IN THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE.	105,684.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 23 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
1001 PENNSYLVANIA AVENUE NW, SUITE 735 SOUTH WASHINGTON, DC 20010	501 (C) (3) 509 (A) (1)	THE DESIGN OF A COMPREHENSIVE TERRESTRIAL CARBON APPROACH WILL HELP TO ENSURE THAT NATIONS WITH VERY DIFFERENT AMOUNTS OF REMAINING FOREST AND DEFORESTATION RATES COULD ALL RECEIVE COMPENSATION FOR REDUCING CARBON EMISSIONS FROM DEFORESTATION, AND FOREST DEGRADATION AS WELL AS OTHER LAND-USE CHANGES.	
H. JOHN HEINZ III CENTER FOR SCIENCE ECONOMICS AND 1001 PENNSYLVANIA AVENUE NW, SUITE 735 SOUTH WASHINGTON, DC 20010	NONE 501 (C) (3) 509 (A) (1)	FOR A COMPREHENSIVE TERRESTRIAL CARBON ACCOUNTING SOLUTION BEING NEGOTIATED UNDER THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE AND RELATED FORA. THE WORK AIMS TO BUILD CONSENSUS AROUND AN APPROACH TO TERRESTRIAL CARBON AND WILL EXPLORE HOW BEST TO INCLUDE AGRICULTURE, FORESTRY AND OTHER LAND USES IN AN INTERNATIONAL CLIMATE SOLUTION. THE PROJECT SEEKS TO GARNER BROAD SUPPORT AND CONSENSUS AROUND THE DESIGN OF A COMPREHENSIVE TERRESTRIAL CARBON APPROACH TO ENSURE INTERNATIONAL NEGOTIATIONS ADVANCE IN A COORDINATED MANNER AND PREPARE COUNTRIES TO ACHIEVE MEANINGFUL AND ROBUST GLOBAL EMISSIONS REDUCTIONS.	304,578.
HEALTH PLAN OF SAN MATEO 701 GATEWAY BLVD., SUITE 400 SOUTH SAN FRANCISCO, CA 94080	NONE 501 (C) (3) 509 (A) (1)	FOR THE PILOT OF AN INTER-DISCIPLINARY TEAM-BASED CARE MANAGEMENT MODEL FOR HEALTH PLAN OF SAN MATEO HIGH UTILIZATION PATIENTS, MOST OF WHOM HAVE MULTIPLE CHRONIC CONDITIONS. THE PILOT WILL RESULT IN IMPROVED QUALITY OUTCOMES, REDUCED EMERGENCY DEPARTMENT VISITS AND HOSPITALIZATIONS, AND A COMMITMENT BY THE HEALTH PLAN OF SAN MATEO TO FULLY IMPLEMENT AND SUSTAIN THE NEW MODEL IF SUCCESSFUL.	449,031.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
HEALTH PLAN OF SAN MATEO 701 GATEWAY BLVD., SUITE 400 SOUTH SAN FRANCISCO, CA 94080	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT DEVELOPMENT OF A PLAN FOR FULLY IMPLEMENTING THE CARE TRANSITIONS MODEL WITH HEALTH PLAN OF SAN MATEO PATIENTS HOSPITALIZED AT SAN MATEO MEDICAL CENTER. THE IMMEDIATE GOAL OF THE GRANT IS TO DOUBLE PATIENT PARTICIPATION IN THE CARE TRANSITIONS MODEL, AND THE LONG-TERM GOAL IS TO REDUCE 30-DAY AND 90-DAY READMISSION RATES FOR HEALTH PLAN OF SAN MATEO PATIENTS HOSPITALIZED AT SAN MATEO MEDICAL CENTER BY AT LEAST 30%.	117,000.
HEALTHCARE FOUNDATION OF NORTHERN AND CENTRAL CALI 1688 ORVIETTO DRIVE ROSEVILLE, CA 95661-3981	NONE 501 (C) (3) 509 (A) (3)	FOR LEADING BEACON, THE BAY AREA PATIENT SAFETY COLLABORATIVE, INTO ITS NEXT PHASE. THE GRANT SUPPORTS HOSPITAL CONVENING, QUALITY EDUCATION AND ON-SITE SUPPORT TO HOSPITALS PARTICIPATING IN THE COLLABORATIVE AND WORKING ON IMPROVEMENTS IN PATIENT OUTCOMES. THE GRANT OUTCOME IS THE ACHIEVEMENT OF BEST-IN-CLASS PATIENT SAFETY AND QUALITY IMPROVEMENT TARGETS BY AT LEAST 80% OF BEACON MEMBER HOSPITALS.	1,733,000.
HOSPITAL COMMITTEE FOR THE LIVERMORE-PLEASANTON AR 5575 W. LAS POSITAS, SUITE 300 PLEASANTON, CA 94588	NONE 501 (C) (3) 509 (A) (1)	TO INVOLVE VALLEYCARE HEALTH SYSTEM WITH THE INSTITUTE FOR HEALTHCARE IMPROVEMENT, TRANSFORMING CARE AT THE BEDSIDE PROGRAM TO OPTIMIZE THE DISCHARGE PLANNING PROCESS FOR FRAGILE ELDERLY WITH CONGESTIVE HEART FAILURE.	124,380.
HOSPITAL COMMITTEE FOR THE LIVERMORE-PLEASANTON AR 5575 W. LAS POSITAS, SUITE 300 PLEASANTON, CA 94588	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE PURCHASE, INSTALLATION, AND IMPLEMENTATION OF BAR-CODING TECHNOLOGY IN VALLEYCARE HEALTH SYSTEM'S PLEASANTON CAMPUS, WITH THE GOAL OF SIGNIFICANTLY REDUCING MEDICATION ADMINISTRATION ERRORS IN ALL ADULT INPATIENT UNITS BY DECEMBER 31ST, 2012.	939,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
INSTITUTO DE HIDROLOGIA, METEOROLOGIA Y ESTUDIOS A CARRERA 10 NO. 20-30 D.C. COLOMBIA	NONE 501 (C) (3) 509 (A) (1)	TO ENABLE THE DEPLOYMENT OF TECHNICAL AND OPERATIONAL ABILITY TO DESIGN, BASELINE, MONITOR AND SUPPORT PROJECTS FOR REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION AT THE NATIONAL AND SUB-NATIONAL LEVEL IN COLOMBIA.	1,280,789.
INSTITUTO DE PESQUISA AMBIENTAL DA AMAZONIA AVENIDA NAZARE 669 66035-170 BELEM PARA BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT INSTITUTIONAL RESTRUCTURING AND THE DEVELOPMENT OF A STRATEGIC BUSINESS PLAN.	425,389.
INSTITUTO DE PESQUISA AMBIENTAL DA AMAZONIA AVENIDA NAZARE 669 66035-170 BELEM PARA BRAZIL	NONE EQUIVALENT OF U.S. PUBL	FOR A COMMUNITY FORESTRY PROJECT IN THE SETTLEMENT COMMUNITIES OF MOJU I AND II IN THE DEMONSTRATION FOR FOREST-BASED CO-MANAGEMENT AMONG COMMUNITIES, GOVERNMENT, AND THE TIMBER INDUSTRY.	304,252.
INSTITUTO DEL BIEN COMUN AV. PETIT THOUARS 4381 MIRAFLORES 18 LIMA PERU	NONE EQUIVALENT OF U.S. PUBL	FOR CONTINUED ASSISTANCE TO INDIGENOUS PEOPLES TO PLAY A MORE ACTIVE ROLE IN CONSERVATION EFFORTS, THE EXPANSION AND SUSTAINABLE USE OF THEIR TERRITORIES, AND THE CREATION OF NEW PROTECTED AND SUSTAINABLE USE AREAS IN PERU. IN ADDITION, INSTITUTO DEL BIEN COMUN WILL WORK WITH HIGHLAND COMMUNITIES TO PROTECT HEADWATER CLOUD FOREST ECOSYSTEMS, CREATE A WATER QUALITY MONITORING AND MODELING SYSTEM, AND DEVELOP THE BIOSPHERE RESERVE AS A FRAMEWORK FOR CONSERVATION AND MANAGEMENT AT THE LANDSCAPE LEVEL, AND DEVELOP GREATER MANAGERIAL AND FUND-RAISING CAPACITY FOR FINANCIAL SUSTAINABILITY IN ALL OF THESE EFFORTS.	628,575.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
INSTITUTO DEL BIEN COMUN AV. PETIT THOUARS 4381MIRAFLORES 18 LIMA PERU	NONE EQUIVALENT OF U.S. PUBL	TO SECURE GAINS ACHIEVED THROUGH GRANTS FOR THE AMPIYACU-ALGODON CONSERVATION PROGRAM IN THE DEPARTMENT OF LORETO AND THE PACHITEA WATERSHED CONSERVATION PROGRAM IN THE DEPARTMENTS OF PASCO OXAPAMPA BIOSPHERE RESERVE, AND UPDATING AND UPGRADING THE GEO-REFERENCED MAPPING SYSTEM OF INDIGENOUS COMMUNITIES AND THE PERUVIAN AMAZONIAN ELECTRONIC LIBRARY, TO ENABLE MORE WIDESPREAD DISSEMINATION.	507,260.
INSTITUTO DO HOMEM E MEIO AMBIENTE DA AMAZONIA RUA DOMINGOS MARREIROS, 2020 - BAIR 66060-160 BELEM PARA BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO ESTABLISH DEFORESTATION-FREE CATTLE PRODUCTION IN PARA AND MATO GROSSO, MONITOR THE IMPACTS OF CATTLE SECTOR POLICIES TO ENABLE ADAPTIVE MANAGEMENT OF STATE AND FEDERAL LEVEL PROCESSES, ENHANCE MONITORING AND ENFORCEMENT OF DEFORESTATION IN PROTECTED AREAS IN THE BRAZILIAN AMAZON, AND SECURE GAINS IN THE CALHA NORTE PROTECTED AREAS MOSAIC.	797,575.
INSTITUTO FLORESTA TROPICAL RUA DOS MUNDURUCUS, 1613 BAIRRO: 66025-660 BELEM PARA BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO ESTABLISH REDUCED IMPACT LOGGING PRACTICES AND ELIMINATE ILLEGAL, CONVENTIONAL LOGGING IN BRAZILIAN FRONTIERS OF DEFORESTATION. FUNDING WILL BE USED TO TRAIN GOVERNMENT, COMMUNITY, AND INDUSTRY STAKEHOLDERS IN REDUCED IMPACT LOGGING PRACTICES, CONDUCT EXTENSION EVENTS TO PROMOTE SUSTAINABLE FORESTRY, AND DEVELOP LOCALLY ADAPTED SILVICULTURAL ROAD BUILDING AND TIMBER EXTRACTION TECHNIQUES.	598,338.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
INSTITUTO FLORESTA TROPICAL RUA DOS MUNDURUCUS, 1613 BAIRRO: 66025-660 BELEM PARA BRAZIL	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF A COMMUNITY FORESTRY PROJECT IN THE SETTLEMENT COMMUNITIES OF MOJU I AND II IN THE STATE OF PAR, BRAZIL THAT WILL SERVE AS A DEMONSTRATION FOR FOREST-BASED CO-MANAGEMENT BETWEEN COMMUNITIES, GOVERNMENT, AND THE TIMBER INDUSTRY.	1,275,570.
INSTITUTO INTERNACIONAL DE EDUCACAO DO BRASIL SHIS QI 05, BLOCO F, SALA 101 CENTR 71606-900 BRASILIA, DF BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO ENABLE EFFECTIVE CO-MANAGEMENT OF PROTECTED AREAS IN THE BR-319 FRONTIER ZONE BY CREATING LOCAL ASSOCIATIONS AND MANAGEMENT COUNCILS AND TRAINING THEIR MEMBERS, AND BY RESTRUCTURING TWO LOCAL ENVIRONMENTAL NON-GOVERNMENTAL ORGANIZATIONS. INSTITUTO INTERNACIONAL DE EDUCACAO DO BRASIL WILL ALSO SECURE ITS OWN FINANCIAL STABILITY THROUGH THE DEVELOPMENT AND IMPLEMENTATION OF A FUND-RAISING STRATEGY.	704,367.
INSTITUTO INTERNACIONAL DE EDUCACAO DO BRASIL SHIS QI 05, BLOCO F, SALA 101 CENTR 71606-900 BRASILIA, DF BRAZIL	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF THE CONVENING AND FACILITATION OF A PAN-AMAZONIAN SEMINAR THAT WILL BRING TOGETHER CIVIL SOCIETY ORGANIZATIONS, INDIGENOUS MAPPING TECHNICIANS, AND GOVERNMENT POLICY-MAKERS TO PRESENT, DISCUSS, AND SYSTEMATIZE THEIR METHODOLOGIES OF PARTICIPATORY MAPPING AND ZONING OF INDIGENOUS TERRITORIES IN THE AMAZON BASIN. THIS SEMINAR WILL DEVELOP A METHODOLOGICAL SYNTHESIS OF THESE VARIED EXPERIENCES, DISSEMINATE THE RESULTS IN PRINTED AND ELECTRONIC FORM AND CONTRIBUTE TO POLICY FORMULATION REGARDING FOREST MANAGEMENT.	278,406.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
INSTITUTO SOCIOAMBIENTAL AV. HIGIENOPOLIS, 901 01238-001 SAO PAULO SP BRAZIL	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF INTRODUCING USER-FRIENDLY, INTERACTIVE FEATURES INTO THE WEB-BASED MONITORING SYSTEM FOR PROTECTED AREAS TO ENABLE CUSTOMIZED REPORTING TO ADDRESS SPECIFIC DEMANDS THAT ARISE REGARDING PROTECTED AREAS. RESOURCE MANAGEMENT TECHNIQUES WILL BE CODIFIED THROUGH THE DEVELOPMENT OF CURRICULAR MATERIALS TO BE USED IN TRAINING A NEW GENERATION OF INDIGENOUS LAND MANAGERS FOR APPLICATION ACROSS 8.5 MILLION HECTARES OF INDIGENOUS LANDS IN THE UPPER NEGRO RIVER BASIN. A REDESIGNED PLANNING PROCESS FOR THE TERRITORIAL ORDERING AND LAND MANAGEMENT OF THE MIDDLE NEGRO RIVER BASIN WILL BE COMPLETED, WITH SUPPORTING DOCUMENTS AND MAPS PUBLISHED.	489,694.
INSTITUTO SOCIOAMBIENTAL AV. HIGIENOPOLIS, 901 01238-001 SAO PAULO SP BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO PRODUCE AN UPDATED AND BROAD-BASED SOCIOENVIRONMENTAL ASSESSMENT THAT WILL SERVE AS THE BASELINE FOR RATIONAL LAND USE PLANNING AND THE DEVELOPMENT OF PUBLIC POLICIES RELATED TO SUSTAINABLE DEVELOPMENT IN RORAIMA STATE, BRAZIL.	96,875.
INTERNATIONAL INSTITUTE FOR ENVIRONMENT AND DEVELO 3 ENDSLEIGH STREET WC1H 0DD LONDON ESTONIA	NONE 501 (C) (3) 509 (A) (1)	TO PROVIDE NONPARTISAN ANALYSIS AND RESEARCH TO DEVELOPING COUNTRY STAKEHOLDERS, WHICH WILL ENABLE THEM TO ENGAGE EFFECTIVELY IN NEGOTIATIONS AND MEETINGS ON REDUCING EMISSIONS FROM DEFORESTATION AND DEGRADATION (REDD) WITHIN THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE, AND IN OTHER INTERNATIONAL FORA ON CLIMATE AND FORESTS WHERE REDD IS DISCUSSED.	174,011.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ISLAND INSTITUTE PO BOX 648 ROCKLAND, ME 04841	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE MIDCOAST FISHERMEN'S ASSOCIATION AND PORT CLYDE COMMUNITY SECTOR IN THE SUCCESSFUL AND SUSTAINABLE IMPLEMENTATION OF SECTOR-BASED CATCH SHARE MANAGEMENT. THIS WILL SERVE AS A MODEL FOR COMMUNITY-BASED GROUND FISH SECTORS IN NEW ENGLAND, COMPRISED PRIMARILY OF SMALL BOATS AND MID-SIZED TRAWLERS, AND WILL ALSO FOSTER THOUGHT LEADERSHIP ON POLICY.	271,727.
ISLAND PRESS - CENTER FOR RESOURCE ECONOMICS 1718 CONNECTICUT AVENUE., NW, SUITE 300 WASHINGTON, DC 20009	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT THE DEVELOPMENT OF THE CLIMATE ADAPTATION KNOWLEDGE EXCHANGE, A WEB-BASED KNOWLEDGE ENVIRONMENT DESIGNED TO BUILD AN INNOVATIVE, INFORMATION-SHARING COMMUNITY OF RESEARCHERS AND PRACTITIONERS FOCUSED ON ADAPTATION.	251,873.
IWOKRAMA INTERNATIONAL CENTRE FOR RAIN FOREST CONS 77 HIGH STREET KINGSTON GEORGETOWN GUYANA	NONE UNIT OR AGENCY OF FORE	IN SUPPORT OF THE PARTICIPATION OF AMERINDIAN, GOVERNMENT AND PRIVATE SECTOR STAKEHOLDERS IN SUSTAINABLE FOREST MANAGEMENT, EFFECTIVE LANDSCAPE-SCALE MONITORING AND MODELING OF FOREST COVER, BIODIVERSITY AND ECOSYSTEM FUNCTION, AND BEST PRACTICES IN THE PUBLIC AND PRIVATE FORESTRY SECTOR, THUS ENHANCING NATIONAL EFFORTS TO REDUCE DEFORESTATION AND FOREST DEGRADATION IN GUYANA.	563,964.
JOHNS HOPKINS UNIVERSITY 3701 SAN MARTIN DRIVE BALTIMORE, MD 21218	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF NEW SCIENTIFIC DISCOVERIES ENABLED THROUGH INNOVATIVE ANALYSES OF EXTREME-SCALE DATASETS. FUNDING WILL BE USED TO DEVELOP TECHNOLOGIES AND CREATE ADVANCED METHODS OF ANALYSIS FOR DATA-INTENSIVE SCIENCE FROM AREAS SUCH AS WIRELESS SENSOR PLATFORMS, TURBULENCE, AND PETASCALE DATA CHALLENGES IN COSMOLOGY.	550,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
JOHNS HOPKINS UNIVERSITY 3701 SAN MARTIN DRIVE BALTIMORE, MD 21218	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE INVENTION AND DEVELOPMENT OF NOVEL INSTRUMENTATION AND METHODS TO GENERATE AND DETECT TERAHERTZ RADIATION AT LOW TEMPERATURES AND IN MAGNETIC FIELDS. THE NEW TECHNIQUES WILL BE USED TO OBTAIN FUNDAMENTAL KNOWLEDGE ABOUT THE DYNAMIC PROPERTIES OF CONDENSED MATTER SYSTEMS, APPLICABLE TO A WIDE RANGE OF BIOLOGICAL, CHEMICAL, AND PHYSICAL INVESTIGATIONS.	1,334,000.
KAISER FOUNDATION HOSPITALS 1800 HARRISON ST., 17TH FLOOR OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	TO IDENTIFY, IMPLEMENT AND SUSTAIN OPERATIONAL IMPROVEMENTS IN ONE SAN FRANCISCO BAY AREA AND ONE GREATER SACRAMENTO HOSPITAL, WITH THE GOAL OF IMPROVING THE WORK ENVIRONMENT FOR MEDICAL-SURGICAL REGISTERED NURSES (RNS) AND INCREASING TIME RNS SPEND ON PATIENT CARE ACTIVITIES AND IN THE PATIENT ROOM. THIS GRANT LEVERAGES AND IMPLEMENTS THE FINDINGS OF THE 'A 36-HOSPITAL TIME AND MOTION STUDY: HOW DO MEDICAL-SURGICAL NURSES SPEND THEIR TIME?' RESEARCH STUDY CO-FUNDED BY THE GORDON AND BETTY MOORE FOUNDATION AND THE ROBERT WOOD JOHNSON FOUNDATION.	400,000.
KAISER FOUNDATION HOSPITALS 1800 HARRISON ST., 17TH FLOOR OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	TO ACCELERATE A REGION-WIDE PROGRAM TO REDUCE SEPSIS MORTALITY. THE GRANT WILL ENSURE IMPLEMENTATION OF EVIDENCE-BASED BEST PRACTICES IN EARLY IDENTIFICATION AND TREATMENT OF PATIENTS WITH SEVERE SEPSIS (OVERWHELMING BLOODSTREAM INFECTION) THAT HAVE BEEN SHOWN TO REDUCE SEPSIS MORTALITY.	1,196,600.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
KAISER FOUNDATION HOSPITALS 1800 HARRISON ST., 17TH FLOOR OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	FOR THE COLLECTION AND ANALYSIS OF PATIENT OUTCOME DATA TO DETERMINE THE EFFECT OF THE TRANSITIONAL CARE MODEL PROGRAM ON REDUCING HOSPITAL READMISSIONS AT KAISER SAN FRANCISCO, KAISER HAYWARD/FREMONT, AND KAISER REDWOOD CITY.	50,000.
KAISER FOUNDATION HOSPITALS 6888 BRUCEVILLE ROAD SACRAMENTO, CA 95823	NONE 501 (C) (3) 509 (A) (1)	FOR AN EXTERNAL MAGNET READINESS ASSESSMENT AT KAISER PERMANENTE SOUTH SACRAMENTO TO DEVELOP A BASELINE ASSESSMENT OF ITS STATE OF NURSING CARE AND PROVIDE INFORMATION FOR CONTINUOUS IMPROVEMENT OF NURSING CARE IN GREATER SACRAMENTO.	20,000.
KAISER FOUNDATION HOSPITALS 1800 HARRISON STREET, 16TH FLOOR OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF TESTING A PREDICTIVE MODEL FOR EARLY DETERIORATION OF IMPENDING PHYSIOLOGIC DETERIORATION (EDIP) OF HOSPITALIZED PATIENTS AND DEVELOPING AN ELECTRONIC EARLY WARNING SYSTEM FOR IMPLEMENTING THE EDIP MODEL. THE PREDICTIVE MODEL AND EARLY WARNING SYSTEM WILL BE PILOTED AT KAISER FOUNDATION HOSPITALS, WITH THE GOAL OF REDUCING UNPLANNED TRANSFERS TO THE ICU AND ICU MORTALITY.	1,584,080.
LAND TRUST OF SANTA CRUZ COUNTY 617 WATER STREET SANTA CRUZ, CA 95060	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF COLLABORATIVE CONSERVATION THROUGH DEVELOPMENT OF A COMPREHENSIVE, SCIENCE-BASED, AND COMMUNITY SUPPORTED CONSERVATION STRATEGY THAT WILL SERVE AS A REGIONAL BLUEPRINT FOR CONSERVATION WORK DURING THE NEXT TWENTY YEARS.	164,342.
LIFE SCIENCES RESEARCH FOUNDATION 3520 SAN MARTIN DRIVE BALTIMORE, MD 21218	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A PRESTIGIOUS POST-DOCTORAL FELLOWSHIP OPPORTUNITY FOR FOUR TOP RESEARCHERS IN BIOLOGICAL SCIENCE DISCIPLINES TYPICALLY UNDERFUNDED BY OTHER GRANTING SOURCES. THE FELLOWSHIPS WILL LAST THREE YEARS.	285,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
LIVING OCEANS SOCIETY BOX 320 VON 3E0 SOINTULA BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF EFFORTS OF THE COASTAL ALLIANCE FOR AQUACULTURE REFORM TO ACHIEVE FORMAL COMMITMENTS TO MITIGATE NEGATIVE IMPACTS OF OPEN NET CAGE SALMON FARMING AND ADOPT ALTERNATIVE TECHNOLOGIES THAT ELIMINATE THE RISK TO WILD SALMON.	880,500.
LIVING OCEANS SOCIETY BOX 320 VON 3E0 SOINTULA BC CANADA	NONE 501 (C) (3) 509 (A) (1)	FOR DEVELOPING TECHNICAL ANALYSES IN SUPPORT OF MARINE SPATIAL PLANNING AND THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA INITIATIVE.	141,730.
MARINE BIOLOGICAL LABORATORY 7 MBL STREET WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE MICROBIAL DIVERSITY SUMMER COURSE, ONE OF FIVE COUPLED GRANTS INTENDED TO TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	184,246.
MARINE FISH CONSERVATION NETWORK 600 PENNSYLVANIA AVENUE, SE #210 WASHINGTON, DC 20003	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF EFFORTS TO IMPROVE THE EFFICIENCY OF FEDERAL INVESTMENTS IN FISHERIES AND REDUCE UNCERTAINTY IN MANAGEMENT. THE PROJECT WILL CREATE A PUBLICLY AVAILABLE REPORT, TRACKING HISTORIC FUNDING FOR FISHERIES PROGRAMS IN THE UNITED STATES AND ILLUSTRATING THE RELATIONSHIP BETWEEN FUNDING LEVELS AND BIOLOGICAL AND ECONOMIC CONDITIONS IN MANAGEMENT REGIONS.	130,000.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	NONE	IN SUPPORT OF RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. EDWARD F. DELONG ON THE DYNAMICS OF THE COMPOSITION AND GENE EXPRESSION PATTERNS OF PLANKTONIC MICROBIAL COMMUNITIES. THE OUTCOMES OF	1,196,433.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
77 MASSACHUSETTS AVE. CAMBRIDGE, MA 02139-4307	501 (C) (3) 509 (A) (1)	THIS GRANT INCLUDE A DEEPER UNDERSTANDING OF HOW BACTERIAL AND ARCHAEL POPULATIONS CHANGE IN SPACE AND TIME IN NATURAL AND PERTURBED MARINE SYSTEMS, HOW MICROBES COMMUNICATE WITH EACH OTHER IN OCEAN ENVIRONMENTS, AND HOW WIDELY DISTRIBUTED GENES OF IMPORTANT ECOLOGICAL FUNCTION IMPACT MARINE BIOGEOCHEMICAL CYCLES.	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVE. CAMBRIDGE, MA 02139-4307	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. SALLIE (PENNY) W. CHISHOLM ON THE ECOLOGY OF PROCHLOROCOCCUS, A MAJOR GROUP OF PRIMARY PRODUCERS IN THE UPPER OCEAN, AND ITS MECHANISMS OF EVOLUTION. THE OUTCOMES OF THIS GRANT INCLUDE A DEEPER UNDERSTANDING OF ECOLOGICAL DIFFERENTIATION AMONG VARIOUS GROUPS OF PROCHLOROCOCCUS AND HOW THEY INTERACT WITH CO-OCCURRING HETEROTROPHIC BACTERIA AND INFECTIVE VIRUSES. KEY PHYSIOLOGICAL AND TIME SERIES DATA ARE EXPECTED TO BE GENERATED AND SUPPLIED TO ECOSYSTEM MODELS.	1,136,066.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVE. CAMBRIDGE, MA 02139-4307	NONE 501 (C) (3) 509 (A) (1)	FOR THE ACQUISITION OF A NEXT GENERATION DNA SEQUENCING PLATFORM TO ENABLE IMPORTANT ADVANCES IN THE FIELD OF MARINE MICROBIAL ECOLOGY. THIS GRANT IS PART OF A MULTI-GRANT STRATEGY TO EXPAND THE DIVERSITY AND CAPACITY OF DNA SEQUENCING TECHNOLOGIES AVAILABLE TO MARINE MICROBIAL ECOLOGY RESEARCHERS.	550,000.
MERIDIAN INSTITUTE	NONE	IN SUPPORT OF CONVENING AND FACILITATION OF A DISCUSSION IN THE FIRST SIX MONTHS OF 2010 ON LEGAL BARRIERS TO IMPLEMENTING MARINE SPATIAL PLANNING, AND THE SUBSEQUENT PRODUCTION OF A WHITE	62,983.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PO BOX 1829, 105 VILLAGE PLACE DILLON, CO 80435	501 (C) (3) 509 (A) (1)	PAPER AND OTHER PUBLICATIONS.	
MERIDIAN INSTITUTE PO BOX 1829, 105 VILLAGE PLACE DILLON, CO 80435	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A SCIENCE-BASED ANALYSIS IN FURTHER- ANCE OF THE GOALS OF THE JULY 2010 U.S. FRAMEWORK FOR COASTAL AND MARINE SPATIAL PLANNING.	204,689.
MIDDLE BAY SUSTAINABLE AQUACULTURE INSTITUTE 680-220 CAMBIE ST. V6B 2M9 VANCOUVER BC CANADA	NONE EXPENDITURE RESPONSIBI	IN SUPPORT OF A DEMONSTRATION PROJECT FOR 'CLOSED CONTAINMENT' SALMON PRODUCTION. WORK WILL INCLUDE: FIRST, REVISING GOVERNANCE, MANAGEMENT, AND THE WORKPLAN IN PREPARATION FOR COMPLETING THE DEMONSTRATION PROJECT; AND SECOND, COMPLETING THE CONSTRUCTION, INSTALLATION, AND ONE FULL SALMON GROW-OUT CYCLE IN A SINGLE TANK.	1,784,748.
MINISTERIO DEL AMBIENTE, REPUBLICA DEL PERU AV. JAVIER PRADO OESTE 1440, SAN IS LIMA PERU	NONE UNIT OR AGENCY OF FORE	IN SUPPORT OF THE DEVELOPMENT OF THE INSTITUTIONAL,, LEGAL, AND TECHNICAL CAPACITY OF THE MINISTRY OF ENVIRONMENT (MINAM) AND OTHER RELEVANT INSTITUTIONS INVOLVED IN DEVELOPING A REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD) PROGRAM IN PERU. THIS GRANT WILL SUPPORT THE PREPARATORY PHASE OF A NATIONAL STRATEGY TO REDUCE EMISSIONS FROM DEFORESTATION, FOREST DEGRADATION, AND OTHER FOREST SECTOR ACTIVITIES (REDD+), AS WELL AS THE IMPLEMENTATION OF RELATED REDD+ ACTIVITIES IN SEVERAL REGIONS OF PERU.	1,245,473.
MISSOURI BOTANICAL GARDEN BOARD OF TRUSTEES	NONE	IN SUPPORT OF THE BIODIVERSITY HERITAGE LIBRARY'S EFFORT TO DEVELOP A COMPREHENSIVE AND SUSTAINABLE INFRASTRUCTURE FOR THE WORLD'S BIODIVERSITY LITERATURE. THROUGH GLOBAL COORDINATION WITH REGIONAL PARTNERS, THIS PROJECT WILL GUIDE THE	230,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
4344 SHAW BOULEVARD ST. LOUIS, MO 63110	501 (C) (3) 509 (A) (1)	TECHNICAL INFRASTRUCTURE IMPLEMENTATION, ALIGN GOALS, ENSURE TRANSPARENT COMMUNICATION, AND SUPPORT THE ESTABLISHMENT OF A SEAMLESS GLOBAL BIODIVERSITY HERITAGE LIBRARY WITH A DISTRIBUTED, INTEROPERABLE NETWORK OF DIGITAL REPOSITORIES.	
MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD MOSS LANDING, CA 95039-9644	NONE PRIVATE OPERATING FOUN	IN SUPPORT OF DEVELOPING MICROFLUIDIC CHIP TECHNOLOGY TO DETECT THE PRESENCE AND FUNCTION OF BIOLOGICAL ORGANISMS IN ENVIRONMENTAL SETTINGS. FUNDING WILL BE USED TO DRAMATICALLY INCREASE CURRENT ANALYTICAL THROUGHPUT (REACTION SPEED AND TOTAL NUMBER OF SAMPLES), DECREASE REAGENT AND SAMPLE AMOUNTS, AND TO DEPLOY THIS TECHNOLOGY ON THE ENVIRONMENTAL SAMPLE PROCESSOR FOR EXTENDED PERIODS IN REMOTE LOCATIONS.	890,000.
MORRIS K. UDALL AND STEWART L. UDALL FOUNDATION 130 SOUTH SCOTT AVENUE TUCSON, AZ 85701-1922	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE U.S. INSTITUTE FOR ENVIRONMENTAL CONFLICT RESOLUTION IN THE DESIGN AND POTENTIAL PILOT IMPLEMENTATION OF A BI-PARTISAN, INCLUSIVE PUBLIC ENGAGEMENT PROCESS BY THE NATIONAL OCEAN COUNCIL IN FURTHERANCE OF THE UNITED STATES NATIONAL OCEAN POLICY. FUNDING WILL BE USED TO PRODUCE BEST PRACTICE RECOMMENDATIONS FOR ELICITING AND INCORPORATING INPUT FROM THE GENERAL PUBLIC AND A BROAD SPECTRUM OF OCEAN USERS, INCLUDING TRIBES.	97,030.
NANWAKOLAS COUNCIL	NONE	FOR THE ORGANIZATION'S LEADERSHIP PARTICIPATION WITHIN THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA (PNCIMA) INITIATIVE, AND THE DEVELOPMENT AND INTEGRATION OF SMALLER-SCALE COMMUNITY AND REGIONAL-LEVEL MARINE SPATIAL PLANS, WHICH WILL IN TURN HELP ACHIEVE A GOOD PNCIMA	525,911.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
203 - 2005 EAGLE DRIVE V9H-1V8 CAMPBELL RIVER BC CANADA	EXPENDITURE RESPONSIBI	MARINE SPATIAL PLAN.	
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, ROOM KECK 1049 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF CONVENING SCIENTISTS, EDUCATORS, AND ENTERTAINMENT PROFESSIONALS FOR A SUMMIT IN FALL 2010 TO DISCUSS BENEFITS, CHALLENGES, AND STRATEGIES FOR USING POPULAR FICTIONAL FILM, TELEVISION, AND VIDEO GAMES EFFECTIVELY IN SCIENCE EDUCATION. BASED ON KEY IDEAS FROM THE SUMMIT, A PILOT PROJECT WILL REACH OUT TO STAKEHOLDERS AND FURTHER RAISE AWARENESS AROUND IMPORTANT INTERSECTIONS OF SCIENCE, EDUCATION, AND ENTERTAINMENT.	271,087.
NATIONAL AUDUBON SOCIETY INC 715 L STREETSUITE 200 ANCHORAGE, AK 99501	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP SOLUTIONS FOR SOUTHEAST ALASKA THAT BALANCE WILD SALMON ECOSYSTEM PROTECTION PRIORITIES IN THE TONGASS WITH SUSTAINABLE ECONOMIC DEVELOPMENT FOR THE REGION'S COMMUNITIES.	100,000.
NATIONAL FISH AND WILDLIFE FOUNDATION 1133 FIFTEENTH STREET, NW, SUITE 1100 WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE TRANSITION OF U.S. FISHERIES TO CATCH SHARE PROGRAMS BY ENCOURAGING FISHERMEN TO PURSUE INNOVATIVE MANAGEMENT STRATEGIES THROUGH A COMPETITIVE GRANT AWARD PROCESS.	502,588.
NATIONAL FOREST FOUNDATION C/O MONTANA OFFICE BUILDING 27, SUITE #3 FORT MISS MISSOULA, MT 59804	NONE 501 (C) (3) 509 (A) (1)	TO HELP WATERSHED COUNCILS IN SOUTHEAST ALASKA IMPROVE THEIR EFFECTIVENESS AND ORGANIZATIONAL SUSTAINABILITY.	198,915.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 23 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
NATIONAL WILDLIFE FEDERATION 11100 WILDLIFE CENTER DRIVEUNITED STATES OF AMERIC RESTON, VA 20190	NONE 501 (C) (3) 509 (A) (2)	TO IMPROVE OUR UNDERSTANDING OF THE INTERSECTION BETWEEN AGRICULTURE AND DEFORESTATION AND TO GARNER GLOBAL SUPPORT FOR REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD) WITHIN THE AGRICULTURAL COMMODITIES SECTOR. FUNDING WILL BE USED TO CONVENE KEY STAKEHOLDERS IN THE COMMODITIES ROUNDTABLES AND BEYOND, ENGAGE STAKEHOLDERS IN A DIALOGUE TO HELP DETER DEFORESTATION FROM AGRICULTURAL EXPANSION, ENCOURAGE SUSTAINABLE SUPPLY CHAINS FOR COMMODITIES THAT PROTECT TROPICAL FORESTS AND INCREASE THE LIKELIHOOD THAT REDD IS INCLUDED IN THE POST-KYOTO CLIMATE TREATY THAT WILL BE FINALIZED IN COPENHAGEN, 2009.	210,867.
NATURE AND CULTURE INTERNATIONAL 1400 MAIDEN LANE DEL MAR, CA 92014	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF STRENGTHENING THE REGIONAL (STATE) GOVERNMENT OF LORETO'S PROGRAM FOR THE CONSERVATION AND SUSTAINABLE MANAGEMENT OF THE REGIONAL BIODIVERSITY OF LORETO'S ABILITY TO CONSERVE THE EXTRAORDINARY BIODIVERSITY OF THE LOWLAND AMAZON FORESTS OF LORETO, PERU. CONSERVATION WILL BE ACHIEVED THROUGH CONSOLIDATING THE MANAGEMENT OF 1.9 MILLION HECTARES OF NEW REGIONAL CONSERVATION AREAS, PROMOTING THE PROTECTION OF KEY ECOLOGICAL PROCESSES ESSENTIAL FOR THE RESILIENCE OF THE AMAZON ECOSYSTEMS, DEVELOPING COMMUNITY-BASED RESOURCE MANAGEMENT AND CONSERVATION PRACTICES, AND STRENGTHENING THE TECHNICAL CAPACITIES OF THE REGIONAL GOVERNMENT FOR SUSTAINABLE LANDSCAPE MANAGEMENT PRACTICES.	400,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATURE CONSERVANCY 715 L STREET, SUITE 100 ANCHORAGE, AK 99501	NONE 501 (C) (3) 509 (A) (1)	TO IMPROVE THE SCIENTIFIC INFORMATION AND CONDUCT A RISK ASSESSMENT ABOUT THE PROPOSED PEBBLE MINE DEVELOPMENT IN BRISTOL BAY, ALASKA.	209,519.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	THIS GRANT SUPPORTS THE NATURE CONSERVANCY (TNC) FOR THEIR ROLE IN A) CONTINUED PREPARATION OF THE FOREVER COSTA RICA CONSERVATION FINANCING DEAL THROUGH THE END OF 2009 - THE ANTICIPATED CLOSING DATE, AND B) ONE YEAR OF FOLLOW-UP MONITORING AND SUPPORT TO COSTA RICA'S PROTECTED AREA AGENCY (SINAC), AND THE NEWLY ESTABLISHED TRUST (FOREVER COSTA RICA ASSOCIATION).	300,000.
NATURE CONSERVANCY 715 L STREET, SUITE 100 ANCHORAGE, AK 99501	NONE 501 (C) (3) 509 (A) (1)	TO ADVANCE THE CONSERVATION OF WILD SALMON EMS IN SOUTHEAST ALASKA BY SUPPORTING THE TONGASS FUTURES ROUNDTABLE PROCESS AND ASSOCIATED EFFORTS TO DEVELOP COLLABORATIVE MULTI-STAKEHOLDER SOLUTIO NS.	509,505.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	THIS GRANT TO THE NATURE CONSERVANCY SUPPORTS THE INNOVATIVE CONSERVATION FINANCE INITIATIVE CALLED FOREVER COSTA RICA. THROUGH THIS PUBLIC-PRIVATE PARTNERSHIP EFFORT COSTA RICA WILL ESTABLISH AN ECOLOGICALLY REPRESENTATIVE AND EFFECTIVELY MANAGED SYSTEM OF TERRESTRIAL, FRESHWATER, AND MARINE PROTECTED AREAS, WITH A STABLE SOURCE OF FUNDING, MAKING COSTA RICA THE FIRST DEVELOPING COUNTRY IN THE WORLD TO MEET ITS GOALS UNDER THE UNITED NATIONS? CONVENTION ON BIOLOGICAL DIVERSITY?S PROGRAM OF WORK ON PROTECTED AREAS.	5,000,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DESIGN AND IMPLEMENTATION OF TRANSFERABLE TOOLS, INCLUDING COLLECTIVE FISHING ARRANGEMENTS AND ELECTRONIC MONITORING, TO ENSURE THE DURABILITY OF THE PACIFIC GROUND FISH TRAWL CATCH SHARE PROGRAM. FUNDING WILL BE USED TO SUPPORT NECESSARY POLICIES AND ADVANCE PRACTICAL, ON-THE-WATER DEMONSTRATIONS THAT ALIGN COMMUNITY OBJECTIVES WITH CONSERVATION GOALS WITHIN THE PACIFIC GROUND FISH FISHERY.	337,750.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF BRINGING THE GRANTEE'S EXPERTISE TO THE IMPLEMENTATION OF THE 2010 U.S. NATIONAL OCEAN POLICY AND FRAMEWORK FOR COASTAL AND MARINE SPATIAL PLANNING. THE GRANTEE WILL USE ITS EXPERIENCE WITH DESIGNING OCEAN DATA PLATFORMS AND DECISION TOOLS TO IMPROVE NATIONAL DATA SYSTEMS AND STANDARDS.	188,944.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT POSITIONING THE NEW ENGLAND REGION AS A FEDERAL MARINE SPATIAL PLANNING (MSP) PILOT, AND THE DEVELOPMENT OF A 'GOOD' MSP FRAMEWORK AND PROCESS FOR NEW ENGLAND BY DIRECTLY SUPPORTING THE REGIONAL PLANNING BODY AND PROCESS, BRINGING A RANGE OF TOOLS AND DATA TO MANAGERS AND PLANNERS, AND CONNECTING STATE MSP PROCESSES TO THE REGIONAL SCALE TO ENSURE COMPATIBILITY AND LEARNING.	378,896.
NATURE CONSERVANCY	NONE	TO MAKE GLOBAL-SCALE CONSERVATION DATASETS PUBLICLY AVAILABLE IN A CLOUD COMPUTING PLATFORM AND GEOSPATIAL DATABASE FACILITY PROVIDED BY GOOGLE'S EARTH ENGINE, AND WILL ALSO FOSTER LONG-TERM OPEN DATASHARING MECHANISMS AND	200,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	501 (C) (3) 509 (A) (1)	COMMITMENTS BY THE OWNER COMMUNITY.	
NEW FORESTS ADVISORY, INC. 601 MONTGOMERY STREETSUITE 665 SAN FRANCISCO, CA 94111	NONE EXPENDITURE RESPONSIBI	IN SUPPORT OF THE DESIGN AND IMPLEMENTATION OF MARKET-BASED CONSERVATION INCENTIVES FOR PRIVATE LANDOWNERS IN THE AMAZON.	400,000.
NORTHERN ARIZONA UNIVERSITY 200 EAST PINE KNOLL DRIVE, ROOM 116 FLAGSTAFF, AZ 86011-5018	NONE UNIT OF GOVERNMENT	TO IDENTIFY APPROPRIATE LANDSCAPES NEEDED FOR A SUBSEQUENT PROPOSAL TO THE NATIONAL SCIENCE FOUNDATION AND OTHER FUNDERS TO DETERMINE THE CRITICAL FACTORS ASSOCIATED WITH SUCCESSFUL WILDLIFE CORRIDORS, INCLUDING RATIO OF CORRIDOR WIDTH-TO-LENGTH, SEVERITY OF CONSTRICTIONS WITHIN A CORRIDOR, AND LAND USES ADJACENT TO THE CORRIDOR. FUNDING WILL BE USED TO SOLICIT NOMINATIONS FOR APPROPRIATE LANDSCAPES, CONFIRM WHICH LANDSCAPES HAVE APPROPRIATE CONFIGURATIONS AND FOCAL SPECIES, AND DEVELOP A PROPOSAL FOR A FULL-SCALE RESEARCH PROJECT INVOLVING AT LEAST 50 REPLICATE LANDSCAPES.	225,394.
NORTHERN CALIFORNIA PUBLIC BROADCASTING, INC. 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF KQED PUBLIC MEDIA QUEST PROGRAMMING, A SCIENCE AND NATURE SERIES INTENDED TO IMPROVE SCIENCE LITERACY AND TEACHING AMONG DIVERSE AUDIENCES. QUEST INCLUDES EDUCATIONAL MEDIA, EDUCATOR GUIDES, TEACHING RESOURCES, AND PROFESSIONAL DEVELOPMENT SUPPORT FOR EDUCATORS. FUNDING WILL BE USED TO COMPLETE THE PROJECT'S FOURTH SEASON, INCLUDING QUEST'S WEEKLY RADIO REPORTS, ORIGINAL ONLINE MEDIA (VIDEOS, BLOG CONTENT, AND SCIENCE REPORTING FOR KQED NEWS), AND THE 2010 SCIENCE EDUCATION INSTITUTE FOR BAY AREA SCIENCE EDUCATORS.	110,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NORTHERN ILLINOIS UNIVERSITY 1425 W. LINCOLN HWY. DEKALB, IL 60115-2828	NONE UNIT OF GOVERNMENT	IN SUPPORT OF CONSTRUCTING, EQUIPPING, AND TESTING A SUB-ICE REMOTELY OPERATED VEHICLE AND A GEOCHEMICAL INSTRUMENTATION PACKAGE FOR SUB-ICE EXPLORATION. THESE INSTRUMENTS WILL BE USED FOR BIOLOGICAL, CHEMICAL, GEOLOGICAL, AND PHYSICAL SAMPLING, TO STUDY THE SOUTHERN MARGIN OF THE ROSS ICE SHELF NEAR THE GROUNDING LINE AND THE MARINE-LINKED SUBGLACIAL LAKES BENEATH AN UNSTABLE MARGIN OF THE WEST ANTARCTIC ICE SHEET. THIS RESEARCH WILL YIELD AN UNDERSTANDING OF PAST, PRESENT, AND FUTURE STATES OF THIS GEOLOGICALLY AND CLIMATICALLY IMPORTANT REGION OF THE EARTH.	500,000.
NORTHWEST INSTITUTE FOR BIOREGIONAL RESEARCH SOCIE BOX 2781 V0J2N0 SMITHERS BC CANADA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF STRATEGIC COORDINATION AND INFORMATION SUPPORT TO THE FRIENDS OF WILD SALMON COALITION WHICH IS SEEKING IMPROVED SALMON HABITAT PROTECTION MEASURES IN THE SKEENA WATERSHED. THE AIM IS THAT NEW DECISION-MAKING PROCESSES WILL BE PUT IN PLACE TO ENABLE COMMUNITIES TO MAKE A SOCIAL CHOICE ABOUT POTENTIAL DEVELOPMENTS WITH FULL INFORMATION ABOUT BENEFITS, ENVIRONMENTAL SAFETY AND CUMULATIVE IMPACTS.	61,209.
OCEAN CONSERVANCY INC. 1300 19TH ST. NW, 8TH FLOOR WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	FOR THE ADVANCEMENT OF GOOD MARINE SPATIAL PLANNING (MSP) AS THE PRIMARY APPROACH TO MANAGING OCEAN ACTIVITIES IN THE U.S. LEADING TO RESILIENT AND PRODUCTIVE MARINE ECOSYSTEMS. FUNDING WILL BE USED TO EXPAND STAKEHOLDER SUPPORT FOR MSP AND HELP SECURE LASTING INSTITUTIONAL CHAN THAT WILL BUILD A FOUNDATION FOR GOOD MSP AT THE FEDERAL AND REGIONAL LEVELS.	858,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
OCEANA INC. 2501 M STREET, NW ROOM 300 WASHINGTON, DC 20037	NONE 501 (C) (3) 509 (A) (1)	TO SECURE NEW TRADE RULES FROM THE WORLD TRADE ORGANIZATION THAT EFFECTIVELY CONTROL AND REDUCE OVER FISHING SUBSIDIES GLOBALLY.	1,000,013.
OREGON STATE UNIVERSITY 220 NASH HALL CORVALLIS, OR 97331-3804	NONE UNIT OF GOVERNMENT	IN SUPPORT OF RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. STEPHEN J. GIOVANNONI ON THE DYNAMICS OF A KEY GROUP OF MARINE PLANKTONIC MICROORGANISMS THAT REQUIRE EXTERNAL SOURCES OF CARBON FOR FOOD AND ENERGY. THIS ABUNDANT, ECOLOGICALLY IMPORTANT GROUP OF BACTERIA WILL BE STUDIED WITH RESPECT TO ITS COMPOSITION, GENE AND PROTEIN EXPRESSION PATTERNS, GENOME CONTENT, AND NUTRITIONAL REQUIREMENTS. THE OUTCOMES OF THIS GRANT INCLUDE A DEEPER UNDERSTANDING OF HOW POPULATIONS OF THESE BACTERIA CHANGE IN SPACE AND TIME IN NATURAL MARINE SYSTEMS, HOW THEY HAVE EVOLVED TO COPE WITH LOW NUTRIENT LEVELS, AND HOW THIS UBIQUITOUS AND NUMERICALLY PREDOMINANT GROUP IMPACTS MARINE BIOGEOCHEMICAL CYCLES.	809,384.
OREGON STATE UNIVERSITY	NONE	TO SUPPORT CHARACTERIZATION OF THE MICROBIAL RESPONSES TO TWO DISTINCT SEASONAL OXYGEN MINIMUM ZONE ENVIRONMENTS AND TO ESTABLISH THE GEOLOGICAL HISTORY OF OXYGENATION AT EACH SITE. THE PROPOSED EFFORT AIMS TO DESCRIBE THE CHEMICAL AND PHYSICAL NATURE OF SEASONAL OXYGEN MINIMUM ZONES OFF THE COASTS OF CENTRAL CHILE AND OREGON, TO IDENTIFY SIMILARITIES AND DIFFERENCES BETWEEN THEIR PELAGIC MICROBIAL ASSEMBLAGES AND BIOGEOCHEMICAL PROCESSES, AND TO DETERMINE THE LONG-TERM VARIABILITY OF OXYGENATION IN THESE REGIONS. THE CONCLUSIONS WILL BE SYNTHESIZED IN AN INTER-DISCIPLINARY MANNER ACROSS THE FIELDS	1,836,766.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
104 COAS ADMINISTRATION BUILDING CORVALLIS, OR 97331-5503	UNIT OF GOVERNMENT	OF MARINE MICROBIAL ECOLOGY, PHYSICAL OCEANOGRAPHY, BIOGEOCHEMISTRY AND PALEOCEANOGRAPHY.	
PACIFIC ENVIRONMENT AND RESOURCES CENTER 251 KEARNY STREET, SUITE 201 SAN FRANCISCO, CA 94108-4530	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GRASSROOTS EFFORTS TO PROTECT WILD SALMON AND SALMON HABITAT IN KAMCHATKA, RUSSIA. PRIORITY LANDSCAPES"	112,712.
PACIFIC SALMON FOUNDATION #300 - 1682 WEST 7TH AVENUE V6J 4S6 VANCOUVER BC CANADA	NONE EQUIVALENT OF U.S. PUBL	FOR OPERATION OF THE SKEENA WATERSHED CONGRESS ITS HARVEST AND HABITAT SUBCOMMITTEES IN ORDER TO ENABLE FULL IMPLEMENTATION OF THE PACIFIC WILD SALMON POLICY CONSISTENT WITH THE RECOMMENDATIONS OF THE SKEENA INDEPENDENT SCIENCE PANEL.	486,730.
PACIFIC SALMON FOUNDATION #300 - 1682 WEST 7TH AVENUE V6J 4S6 VANCOUVER BC CANADA	NONE EQUIVALENT OF U.S. PUBL	FOR ENHANCEMENT OF THE SCIENTIFIC BASELINE INFORMATION AVAILABLE TO SKEENA WATERSHED STAKEHOLDERS IN DEVELOPING RECOMMENDATIONS FOR IMPLEMENTATION OF THE HARVEST REFORM PROVISIONS IN CANADA'S NEW WILD SALMON POLICY.	467,344.
PACIFIC STATES MARINE FISHERIES COMMISSION 205 S.E. SPOKANE STREET PORTLAND, OR 97202-6413	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING A STRUCTURE AND PROCESS FOR REGIONAL COASTAL AND MARINE SPATIAL PLANNING ON THE WEST COAST, CONSISTENT WITH THE REQUIREMENTS OF THE NATIONAL OCEAN POLICY. FUNDING WILL BE USED TO HELP ASSESS CAPACITY AND NEEDS FOR PLANNING, DEVELOP AN APPROPRIATE REGIONAL PLANNING STRUCTURE, AND CREATE A COLLABORATIVE PLANNING PROCESS FOR THE REGION.	206,493.
PALO ALTO MEDICAL FOUNDATION FOR HEALTHCARE RESEAR	NONE	IN SUPPORT OF THE DESIGN, PILOT, AND EVALUATION OF A NEW CARE DELIVERY MODEL UTILIZING HEALTH INFORMATION TECHNOLOGY, INCLUDING AN INTERACTIVE PERSONAL HEALTH RECORD, AT THE PALO ALTO MEDICAL	600,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2350 WEST EL CAMINO MOUNTAIN VIEW, CA 94040	501 (C) (3) 509 (A) (1)	FOUNDATION, WITH THE GOAL OF CONTROLLING BLOOD PRESSURE FOR PATIENTS DIAGNOSED WITH HYPERTENSION.	
PALO ALTO MEDICAL FOUNDATION FOR HEALTHCARE RESEAR 2350 WEST EL CAMINO MOUNTAIN VIEW, CA 94040	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF IMPROVING PRIMARY CARE AT THE PALO ALTO MEDICAL FOUNDATION (PAMF), INCLUDING IMPROVEMENTS TO PRIMARY CARE WORKFLOW PROCESSES AND THE COMPLETION OF A STRATEGIC PLAN TO IMPROVE CARE FOR PATIENTS WITH CHRONIC CONDITIONS. THIS PROGRAM WILL LEAD TO THE OUTCOMES OF IMPROVEMENTS IN THE QUALITY AND EFFICIENCY OF PRIMARY CARE DELIVERED BY PAMF TO ITS PATIENTS.	575,000.
PATRIMONIO NATURAL FONDO PARA LA BIODIVERSIDAD Y A EDIFICIO CENTRO AVENIDA DE CHILE, P BOGOTA COLOMBIA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF THE EXPANSION OF THE SERRAN;A DE CHIRIBIQUETE NATIONAL NATURAL PARK AND ECOLOGICAL/ ECONOMIC ZONING OF ITS BUFFER ZONES IN THE COLOMBIAN AMAZON. THIS GRANT WILL ALSO DEVELOP THE CONCEPTUAL FRAMEWORK AND IMPLEMENTATION MODEL FOR AN EMERGING STRATEGY FOR GOVERNANCE, CONSERVATION, AND SUSTAINABLE USE FOR THE COLOMBIAN AMAZON.	527,675.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 26 OXFORD ST CAMBRIDGE, MA 02138	NONE 501 (C) (3) 509 (A) (1)	FOR A COMPREHENSIVE EVALUATION AND FURTHER DEVELOPMENT OF THE PREDICTIVE CAPABILITIES OF FOUR STATE-OF-THE-ART TERRESTRIAL ECOSYSTEM MODELS AGAINST A SUITE OF FIELD MEASUREMENTS COLLECTED OVER A RANGE OF SPATIAL AND TEMPORAL SCALES IN ORDER TO PREDICT HOW LAND-COVER CHANGE AND CHANGES IN CLIMATE WILL AFFECT THE DYNAMIC COMPOSITION, STRUCTURE AND FUNCTIONING OF AMAZONIAN ECOSYSTEMS OVER THE COMING CENTURY.	654,738.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PUBLIC HEALTH INSTITUTE 555 12TH STREET, 10TH FLOOR OAKLAND, CA 94607	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE PUBLIC HEALTH INSTITUTE'S CENTER FOR TECHNOLOGY AND AGING FOR AN ADDITIONAL COHORT OF REMOTE PATIENT MONITORING PILOT PROJECTS, WITH THE GOAL OF IMPROVING OUTPATIENT QUALITY INDICATORS (E.G., REDUCING HOSPITAL ADMISSIONS AND READMISSIONS) FOR ADULT PATIENTS WITH CHRONIC CONDITIONS.	240,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA EARTH AND MARINE SCIENCES BLDG-A316 SANTA CRUZ, CA 95064	NONE UNIT OF GOVERNMENT	FOR RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. JONATHAN P. ZEHR ON THE MICROBIOLOGICAL UNDERPINNINGS OF THE NITROGEN CYCLE IN THE OCEAN. THE OBJECTIVES OF THIS GRANT ARE TO INVESTIGATE THE MICROBIOLOGY, DIVERSITY, PHYSIOLOGY, BIOCHEMISTRY, AND BIOGEOCHEMISTRY OF THE OPEN OCEAN NITROGEN CYCLE, INCLUDING N2 FIXATION AND NITRATE ASSIMILATION.	933,894.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MC 0436 LA JOLLA, CA 92093-0436	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA, SAN DIEGO TO ESTABLISH A COMMUNITY RESOURCE AND INTELLECTUAL CENTER THAT WILL FACILITATE AND CREATE REVOLUTIONARY KNOWLEDGE ADVANCES IN MARINE MICROBIAL ECOLOGY, THE MICROBIAL ECOLOGY OF OTHER NATURAL ENVIRONMENTS, AND EVOLUTIONARY BIOLOGY. OUTCOMES FOR THIS GRANT INCLUDE CONSTRUCTION OF A CENTRAL GENOMIC AND METAGENOMICS DATA REPOSITORY AND A SUITE OF TOOLS FOR ANALYSIS AND VISUALIZATION THAT PROVIDES OPEN, EASY ACCESS TO THE INTERNATIONAL SCIENTIFIC COMMUNITY.	1,425,017.
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	TO ENABLE A CONSORTIUM OF INVESTIGATORS LED BY THE UNIVERSITY OF CALIFORNIA, SAN DIEGO TO DEVELOP NEW INSIGHTS INTO THE RESILIENCE AND ROBUSTNESS OF GLOBAL LAKE AND CORAL REEF ECOSYSTEMS. THE OUTCOME	471,241.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
9500 GILMAN DRIVE, MC 0436 LA JOLLA, CA 92093-0436	UNIT OF GOVERNMENT	WILL BE ACCOMPLISHED THROUGH THE COMPARATIVE ANALYSIS OF DATA RESULTING FROM THE APPLICATION OF A SUITE OF NEWLY DEVELOPED CYBERINFRASTRUCTURE TOOLS THAT ARE FREELY DISTRIBUTED TO ALL INTERESTED LABORATORIES.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 119 CALIFORNIA HALL BERKELEY, CA 94720	NONE UNIT OF GOVERNMENT	TO CREATE THE FIRST DNA BARCODE-BASED 'ALL TAXA BIOLOGICAL INVENTORY' OF A MODEL ECOSYSTEM, SPECIFICALLY THE ISLAND OF MOOREA. THE WORK WILL ACCELERATE ECOLOGICAL DISCOVERY AND ENABLE THE DEVELOPMENT OF MORE INNOVATIVE AND EFFECTIVE CONSERVATION STRATEGIES.	1,200,587.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 451 EAST HEALTH SCIENCES DRIVE GBSF 4303 DAVIS, CA 95616	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA, DAVIS GENOME CENTER TO ANALYZE METAGENOMIC DATASETS THROUGH THE DEVELOPMENT OF TOOLS AND ILLUSTRATIVE USE-CASE SCENARIOS FROM COMMUNITY CYBERINFRASTRUCTURE FOR ADVANCED MARINE MICROBIAL ECOLOGY RESEARCH AND ANALYSIS (CAMERA) DATASETS TOWARD THE ULTIMATE GOAL OF PREDICTING RESPONSES OF MICROORGANISMS TO ENVIRONMENTAL CHANGE. THE METHODS AND RESULTS DEVELOPED THROUGH THIS GRANT WILL BE MADE BROADLY AVAILABLE TO THE SCIENTIFIC COMMUNITY THROUGH THE CAMERA PLATFORM.	586,168.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1156 HIGH STREET SANTA CRUZ, CA 95064	NONE UNIT OF GOVERNMENT	IN SUPPORT OF IDENTIFYING RELEVANT PROBES AND TESTING BIOLOGICAL SENSORS TO DEPLOY ON REMOTE, IN SITU OCEAN OBSERVING PLATFORMS. THE DATA GENERATED FROM THESE STUDIES WILL BE USED TO INFORM MODELS DEVELOPED TO EVALUATE THE EFFECTS OF MICROORGANISMS ON THE EARTH'S BIOME, AS WELL AS THEIR RESPONSES TO GLOBAL ENVIRONMENTAL CHANGES.	900,049.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2789 25TH STREET, SUITE 2028 SAN FRANCISCO, CA 94110	NONE UNIT OF GOVERNMENT	TO IMPLEMENT PHASE II OF THE INTEGRATED NURSE LEADERSHIP PROGRAM, AND CONTINUE TO DEVELOP CURRICULUM THAT ADDRESSES FRONTLINE PRACTITIONERS' LEADERSHIP AND CHANGE MANAGEMENT SKILLS, IMPROVES MEDICATION ADMINISTRATION PROCESSES, AND RESULTS IN EARLIER IDENTIFICATION AND TREATMENT OF SEPSIS (OVERWHELMING BLOODSTREAM INFECTION). THE GRANT WILL ALSO INCREASE PARTICIPATION OF NURSES FROM THE FIVE BAY AREA COUNTIES IN THE REGIONAL NURSE NETWORK (RN2). OUTCOMES INCLUDE REDUCTION IN THE RATES OF MEDICATION ADMINISTRATION ERRORS, AND INPATIENT MORTALITY FROM SEVERE SEPSIS IN EIGHT BAY AREA ADULT ACUTE CARE HOSPITALS.	500,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2789 25TH STREET, SUITE 2028 SAN FRANCISCO, CA 94110	NONE UNIT OF GOVERNMENT	TO SELECT 80 INTER-PROFESSIONAL EMERGING HEALTHCARE LEADERS ('MASTER CHANGE AGENTS'), HIGHLY DEVELOP THEIR LEADERSHIP SKILLS TO LEAD AND SUSTAIN CHANGE, AND ENSURE SIGNIFICANTLY IMPROVED PATIENT OUTCOMES AND COSTS ACROSS 20 ADULT ACUTE CARE HOSPITALS IN THE FIVE-COUNTY BAY AREA. THE CENTER FOR HEALTH PROFESSIONALS WILL DEVELOP THESE INDIVIDUALS THROUGH A FORMAL, NON-DEGREE LEADERSHIP CURRICULUM, INDIVIDUAL PROFESSIONAL DEVELOPMENT, PROJECT-BASED LEARNING AND A SUSTAINING PROFESSIONAL NETWORK.	779,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 500 PARNASSUS AVENUE SAN FRANCISCO, CA 94143	NONE UNIT OF GOVERNMENT	TO INVOLVE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO MEDICAL CENTER WITH THE INSTITUTE FOR HEALTHCARE IMPROVEMENT, TRANSFORMING CARE AT THE BEDSIDE PROGRAM TO OPTIMIZE THE DISCHARGE PLANNING PROCESS FOR FRAGILE ELDERLY WITH CONGESTIVE HEART FAILURE.	125,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1 CENTENNIAL DRIVE BERKELEY, CA 94720-5200	NONE UNIT OF GOVERNMENT	IN CONTINUED SUPPORT OF A ROBUST PLAN TO INVEST IN EFFECTIVE SCIENCE LEARNING OPPORTUNITIES FOR BAY AREA K-5 CHILDREN, AND TO BUILD A FIELD OF RESEARCH THAT INVESTIGATES HOW K-5 CHILDREN CAN LEARN SCIENCE WHILE DEVELOPING AND RETAINING CRITICAL INQUIRY.	170,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 405 HILGARD AVE / 7127 MATH SCIENCES BLDG LOS ANGELES, CA 90095-1565	NONE UNIT OF GOVERNMENT	TO DEVELOP OPEN-SOURCE, EVIDENCE-BASED, PREDICTIVE ECOSYSTEM MODELS OF THE PHYSICAL AND BIOLOGICAL FACTORS THAT CONTRIBUTE TO THE INTENSITY, SCALE, AND DURATION OF SEASONAL OXYGEN MINIMUM ZONES. THESE PREDICTIVE MODELS WILL ALSO EXPLORE HOW SEASONAL LOW-OXYGEN ENVIRONMENTS ARE LIKELY TO RESPOND TO FUTURE ENVIRONMENTAL CHANGE AND THE POSSIBLE CONSEQUENCES FOR MICROBIOALLY MEDIATED GLOBAL BIOGEOCHEMICAL CYCLES.	186,393.
REGENTS OF THE UNIVERSITY OF CALIFORNIA UNIVERSITY OF CALIFORNIA, SANTA BARBARA SANTA BARBARA, CA 93106-6150	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA'S PARTNERSHIP FOR INTERDISCIPLINARY STUDIES OF COASTAL OCEANS (PISCO) TO SUPPORT ITS SUBTIDAL KELP FOREST MONITORING PROGRAM IN CALIFORNIA AND FOR ITS ENGAGEMENT WITH THE MARINE LIFE PROTECTION ACT PROCESS. PISCO'S MONITORING PROGRAM WILL HELP ENSURE THAT EXISTING MARINE PROTECTED AREAS IN THE CENTRAL COAST REGION AND THOSE NEWLY DESIGNATED IN SOUTHERN CALIFORNIA ARE ADEQUATELY MONITORED.	1,153,706.
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	IN SUPPORT OF THE DEVELOPMENT, IMPLEMENTATION, AND EVALUATION OF A RANDOMIZED CONTROLLED TRIAL TO TEST THE EFFICACY OF A PRIMARY CARE HEALTH COACHING INTERVENTION AT THE MISSION NEIGHBORHOOD HEALTH CLINIC IN SAN FRANCISCO, WITH THE GOAL OF IMPROVING OUTCOMES FOR PATIENTS DIAGNOSED WITH	1,000,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
500 PARNASSUS AVENUE, MU3E, BOX 0900 SAN FRANCISCO, CA 94143	UNIT OF GOVERNMENT	TYPE 2 DIABETES AND/OR HYPERTENSION.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 500 PARNASSUS AVENUE SAN FRANCISCO, CA 94143	NONE UNIT OF GOVERNMENT	FOR A MAGNET READINESS PROGRAM AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO (USCF) MEDICAL CENTER, INCLUDING THE IMPROVEMENT OF NURSING-RELATED PATIENT OUTCOMES TO LEVELS MEETING OR EXCEEDING MAGNET BENCHMARKS. THIS PROGRAM WILL LEAD TO THE OUTCOMES OF A REDUCTION IN THE HOSPITAL-WIDE HOSPITAL-ACQUIRED PRESSURE ULCER RATE, A REDUCTION IN THE HOSPITAL-WIDE CENTRAL LINE BLOOD STREAM INFECTION RATE, AND SUBMISSION OF UCSF'S MAGNET APPLICATION BY JULY 15, 2012.	300,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2789 25TH STREET, SUITE 2028 SAN FRANCISCO, CA 94110	NONE UNIT OF GOVERNMENT	TO CONDUCT AN ANNUAL EVALUATION OF THE PLANS OF CALIFORNIA ACUTE CARE HOSPITALS TO HIRE NEW REGISTERED NURSE (RN) GRADUATES. THIS EVALUATION WILL PROVIDE UPDATED INFORMATION ON THE DEMAND FOR NEW RN GRADUATES OVER TIME AND WILL IDENTIFY IMPLICATIONS FOR NEW RN GRADUATES BASED ON AN ENHANCED UNDERSTANDING OF RN SUPPLY AND DEMAND.	85,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 3227 CHEADLE HALL, UNIVERSITY OF CALIFORNIA, SANTA SANTA BARBARA, CA 93106	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE BERMUDA INSTITUTE OF OCEAN SCIENCES SUMMER COURSE, ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	304,268.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1 CENTENNIAL DRIVE BERKELEY, CA 94720-5200	NONE UNIT OF GOVERNMENT	TO DEVELOP TWO PILOT SCIENCE CENTER SATELLITE OUTPOSTS IN THE SAN FRANCISCO BAY AREA, IN ORDER TO ACTIVATE SCIENCE LEARNERS IN COMMUNITIES WITHOUT EXISTING SCIENCE CENTERS.	1,200,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1156 HIGH STREET SANTA CRUZ, CA 95064	NONE UNIT OF GOVERNMENT	IN SUPPORT OF INCREASED SCIENTIFIC KNOWLEDGE OF THE EFFECTS OF HABITAT FRAGMENTATION IN THE SAN FRANCISCO BAY AREA ON MOUNTAIN LION PHYSIOLOGY, BEHAVIOR, MOVEMENT, AND ECOSYSTEM IMPACTS. QUALITY SCIENTIFIC DATA ON FRAGMENTATION IMPACTS ON TOP PREDATORS WILL SUPPORT BOTH LOCAL AND INTERNATIONAL EFFORTS TO MAINTAIN HABITAT CONNECTIVITY. THE GRANT WILL ALSO LEVERAGE NATIONAL SCIENCE FOUNDATION FUNDING TO FINALIZE AND PUT TO USE A NEW WILDLIFE COLLAR, THE ACCELEROMETER NETWORK INTEGRATOR FOR MOBILE ANIMALS.	449,588.
REGENTS OF THE UNIVERSITY OF CALIFORNIA ONE SHIELDS AVE. DAVIS, CA 95616	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA, DAVIS TO INCREASE KNOWLEDGE OF THE ECOLOGY AND MANAGEMENT OF SUDDEN OAK DEATH IN COASTAL FORESTS OF CALIFORNIA. FUNDING WILL BE USED TO CONDUCT BASIC AND APPLIED RESEARCH ON THE DISEASE AND ITS CAUSAL PATHOGEN, PHYTOPHTHORA RAMORUM. RESEARCH FINDINGS WILL BE USED TO DEVELOP RECOMMENDATIONS FOR DISEASE CONTROL AND LAND MANAGEMENT, AND PROVIDE OUTREACH TO HOMEOWNERS, LAND MANAGERS, AND POLICY MAKERS.	390,185.
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	FOR INCREASING SCIENTIFIC UNDERSTANDING OF THE LOGY AND MANAGEMENT OF SUDDEN OAK DEATH IN COASTAL FORESTS OF CALIFORNIA. FUNDING WILL BE USED TO CONDUCT BASIC AND APPLIED RESEARCH ON THE	460,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
151 HILGARD HALL BERKELEY, CA 94720	UNIT OF GOVERNMENT	DISEASE AND ITS CAUSAL PATHOGEN, PHYTOPHTHORA RAMORUM. RESEARCH FINDINGS WILL BE USED TO DEVELOP RECOMMENDATIONS FOR DISEASE CONTROL AND LAND MANAGEMENT, AND TO PROVIDE OUTREACH TO HOMEOWNERS, LAND MANAGERS, AND POLICY MAKERS TO FACILITATE IMPLEMENTATION OF THE BEST MANAGEMENT OPTIONS.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1111 FRANKLIN ST., 9TH FLOOR OAKLAND, CA 94607-5200	NONE UNIT OF GOVERNMENT	IN SUPPORT OF PROGRESS TOWARD COMPLETION OF THE EARLY CONSTRUCTION PHASE OF THE THIRTY METER TELESCOPE. THE THIRTY METER TELESCOPE, TO BE BUILT ON MAUNA KEA, WILL BE THE FIRST OF THE NEXT-GENERATION GIANT OPTICAL/INFRARED GROUND-BASED TELESCOPES CAPABLE OF PEERING INTO THE BEGINNING OF THE UNIVERSE. THIS GRANT IS PAIRED WITH AN IDEN AWARD TO THE CALIFORNIA INSTITUTE OF TECHNOLOGY.	7,500,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MC 0436 LA JOLLA, CA 92093-0436	NONE UNIT OF GOVERNMENT	IN SUPPORT OF ADVANCEMENTS IN ENVIRONMENTAL SCIENCE THROUGH CREATING TECHNOLOGIES THAT LOWER THE BARRIERS FOR SCIENTISTS TO DEPLOY AND MANAGE SENSOR NETWORKS. FUNDING WILL BE USED TO SUPPORT THE DESIGN, DEVELOPMENT, AND DEPLOYMENT OF NOVEL MARINE AND LAKE BASED REAL-TIME SENSOR NETWORKS INTEGRATED WITH THE OPEN-SOURCE STREAMING DATA MIDDLEWARE SYSTEM DATATURBINE.	650,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA, CALIFORNIA DIGITAL LIBRARY FOR CREATING OPEN-SOURCE MICROSOFT EXCEL EXTENSIONS, CALLED 'ADD-INS,' WHICH WILL MAKE IT EASIER FOR SCIENTISTS TO RECORD AND EXPORT SPREADSHEET DATA IN RE-USABLE WAYS THAT FOSTER DATA INTEGRATION AND DATA SHARING. FUNDING WILL BE USED TO GATHER AND PUBLISH REQUIREMENTS FROM A WIDE VARIETY OF RESEARCH DISCIPLINES AND DEVELOP A	160,011.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
OFFICE OF THE PRESIDENT, 415 20TH STREET, 4TH FLOOR OAKLAND, CA 94612	UNIT OF GOVERNMENT	DD-INS THAT ENABLE AND PROMOTE PUBLISHING, SHARING, AND ARCHIVING OF TABULAR RESEARCH DATA.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MAIL CODE 0210 LA JOLLA, CA 92093-0210	NONE UNIT OF GOVERNMENT	TO SUPPORT A MULTI-INSTITUTION EFFORT TO ASSESS THE IMPACTS OF OCEAN ACIDIFICATION AT PALMYRA ATOLL. THE FUNDING WILL BE USED TO DETERMINE HOW NUMEROUS SPECIES RESPOND TO NATURAL VARIABILITY IN OCEAN PH AND TEMPERATURE PRESENT ACROSS THE ATOLL, AN ENVIRONMENT WITH FEW OTHER LOCAL STRESSORS.	768,674.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MAIL CODE 0210 LA JOLLA, CA 92093-0210	NONE UNIT OF GOVERNMENT	IN SUPPORT OF ENHANCING COMMUNICATION AND COLLABORATION BETWEEN MANAGERS, SHELLFISH INDUSTRY REPRESENTATIVES, AND SCIENTISTS TO RESPOND TO THE EVOLVING THREATS POSED BY OCEAN ACIDIFICATION ALONG THE U.S. WEST COAST. FUNDING WILL BE USED TO DESIGN AN EFFECTIVE AND SUSTAINABLE OCEAN ACIDIFICATION MONITORING SYSTEM THAT BUILDS UPON CURRENT EFFORTS AND ADDRESSES PRESSING NEEDS OF THE SHELLFISH INDUSTRY AND THE SCIENTIFIC COMMUNITY.	261,847.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 307 MCCONE HALL BERKELEY, CA 94720-4767	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA, BERKELEY DEPARTMENT OF EARTH AND PLANETARY SCIENCE FOR THE DESIGN AND IMPLEMENTATION OF A UNIQUE NETWORK OF INNOVATIVE SEISMIC INSTRUMENTS TO STUDY RECENTLY DISCOVERED TREMOR ACTIVITY IN THE DEEP ROOTS OF THE SAN ANDREAS FAULT AT CHOLAME, CALIFORNIA. FUNDING WILL BE USED TO BUILD A WIDE- APERTURE, LOW-NOISE, BROADBAND TREMORSOPE NETWORK AND MAKE THE DATA COLLECTED PUBLICLY AVAILABLE TO IMPROVE UNDERSTANDING OF THE TREMOR SIGNAL AND ITS IMPLICATIONS FOR FAULT MECHANICS AND EARTHQUAKE HAZARDS.	1,228,785.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MAIL CODE 0210 LA JOLLA, CA 92093-0210	NONE UNIT OF GOVERNMENT	TO PROCURE LEADING-EDGE, NEXT-GENERATION MICROSCOPES TO ENABLE NEW SCIENCE THROUGH TECHNOLOGY. THE NEW INSTRUMENTS WILL ENABLE INVESTIGATIONS OF MICROBIAL INTERACTIONS AND ASSOCIATIONS THAT INFLUENCE BIOGEOCHEMICAL PROCESSES.	730,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2315 STOCKTON BLVD, ROOM 4308 SACRAMENTO, CA 95817	NONE UNIT OF GOVERNMENT	FOR THE IMPLEMENTATION OF A UNIT-BASED PATIENT SAFETY INFRASTRUCTURE, THROUGH WHICH EVIDENCE-BASED PRACTICES FOR PREVENTING VENTILATOR-ASSOCIATED PNEUMONIA (VAP) AT THE UNIVERSITY OF CALIFORNIA, DAVIS MEDICAL CENTER, AND SUSTAINING REDUCED VAP THROUGH 2017.	800,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2315 STOCKTON BLVD, ROOM 4308 SACRAMENTO, CA 95817	NONE UNIT OF GOVERNMENT	FOR AN EXTERNAL MAGNET READINESS ASSESSMENT FOR THE UNIVERSITY OF CALIFORNIA DAVIS MEDICAL CENTER, AND DEVELOPMENT OF A BASELINE ASSESSMENT ON THE STATE OF NURSING CARE AND INFORMATION FOR CONTINUOUS IMPROVEMENT OF NURSING CARE IN GREATER SACRAMENTO.	20,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2315 STOCKTON BLVD, ROOM 4308 SACRAMENTO, CA 95817	NONE UNIT OF GOVERNMENT	FOR THE DEVELOPMENT OF A PLAN FOR FULLY IMPLEMENTING EVIDENCE-BASED PRACTICES FOR THE IDENTIFICATION AND TREATMENT OF SEVERE SEPSIS AND SEPTIC SHOCK, WITH THE GOAL OF SIGNIFICANTLY REDUCING ALL-SEPSIS, SEVERE SEPSIS, AND SEPTIC SHOCK MORTALITY AT UC DAVIS MEDICAL CENTER.	101,000.
REGENTS OF THE UNIVERSITY OF COLORADO	NONE	TO ENABLING LEGAL EXPERTS TO CONTINUE WORKING WITH THE GOVERNOR'S CLIMATE & FOREST TASK FORCE (GCF) TO JOINTLY DEVELOP A SET OF STANDARDS, CRITERIA, AND ARCHITECTURES FOR REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION	442,933.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
401 UCB BOULDER, CO 80309-0401	501 (C) (3) 509 (A) (1)	IMPLEMENTATION BY THE GCF MEMBER STATES AND PROVINCES. THE WORK OF THE GCF WILL ALSO INFORM AND BE ALIGNED WITH CALIFORNIA STATE AND UNITED STATES FEDERAL RULES GOVERNING INTERNATIONAL FOREST CARBON OFFSETS.	
REGENTS OF THE UNIVERSITY OF COLORADO 401 UCB BOULDER, CO 80309-0401	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE GOVERNOR'S CLIMATE & FOREST TASK FORCE (GCF) TO PRODUCE A COMMON SUB-NATIONAL REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD+) EFFORTS FRAMEWORK/PLATFORM AND ASSIST GCF MEMBER STATES AND PROVINCES IN IMPLEMENTING SUB-NATIONAL REDD+ EFFORTS PROGRAMS.	476,099.
REGENTS OF THE UNIVERSITY OF MICHIGAN DIVISION OF RESEARCH DEVELOPMENT AND ADMINISTRATIO ANN ARBOR, MI 48109-1005	NONE 501 (C) (3) 509 (A) (1)	TO INVESTIGATE AND MODEL THE DYNAMICS OF WHOLE MICROBIAL COMMUNITIES THAT INHABIT DISTINCT GEOCHEMICAL PROVINCES IN THE DEEP SEA ASSOCIATED WITH SEAFLOOR VOLCANIC ACTIVITY. THE RESEARCH AIMS TO IMPROVE UNDERSTANDING OF HOW THESE MICROBIAL COMMUNITIES REGULATE THE FLOW OF ENERGY AND NUTRIENTS FROM BENEATH THE SEAFLOOR INTO THE DEEP OCEAN AND HOW THESE COMMUNITIES RESPOND TO NATURAL ENVIRONMENTAL PERTURBATIONS.	835,712.
RESOURCES FOR THE FUTURE INC. 1616 P STREET NW, SIXTH FLOOR WASHINGTON, DC 20036-1400	NONE 501 (C) (3) 509 (A) (1)	TO HELP CATALYZE AND PROMOTE A COMMUNITY OF PRACTICE AROUND CONSISTENT AND RIGOROUS EVALUATION BY EXPLORING THE PRACTICALITY AND POTENTIAL OF CONSERVATION RETURN ON INVESTMENT.	400,000.
RESOURCES LEGACY FUND	NONE	THIS GRANT TO RESOURCES LEGACY FUND IS IN SUPPORT OF SECURING A MARINE SPATIAL PLANNING FRAMEWORK FOR CALIFORNIA STATE WATERS. FUNDING WILL BE USED TO BUILD SUPPORT FOR MARINE SPATIAL PLANNING AMONG TARGETED AUDIENCES (I.E., KEY POLICY MAKERS AND	1,502,593.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
555 CAPITOL MALL SUITE 675 SACRAMENTO, CA 95814	501 (C) (3) 509 (A) (1)	STAKEHOLDERS) AND TO DESIGN A GOOD FRAMEWORK.	
RESOURCES LEGACY FUND 555 CAPITOL MALL SUITE 675 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF IMPLEMENTING A MULTI-FACETED EFFORT TO CATALYZE A REGIONAL APPROACH TO LAND CONSERVATION IN THE SAN FRANCISCO BAY AREA THAT FOCUSES ON STRATEGIC DEPLOYMENT OF STATE BOND FUNDS TO PROTECT LARGE-SCALE, HIGH-VALUE HABITAT AND LINKAGES. THE EFFORT WILL HELP GUIDE BOND REVENUE TO HIGH PRIORITY LANDSCAPES BY LEVERAGING PUBLIC AND PRIVATE CONSERVATION INVESTMENTS, BUILDING SCIENCE-BASED PLANNING TOOLS AND NETWORKS OF KEY LAND TRUSTS, WORKING WITH STATE AGENCIES, AND ENGAGING CONSERVATION INTERESTS IN IMPROVING TRANSPORTATION AND LAND USE PLANNING EFFORTS.	1,000,000.
RESOURCES LEGACY FUND 555 CAPITOL MALL SUITE 675 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (1)	TO BRING FOCUS AND MOMENTUM TO CONSERVING TARGETED ECOLOGICAL LANDSCAPES IN THE MOUNT HAMILTON TO THE SEA REGION, WHICH FALLS PRIMARILY IN SANTA CRUZ AND SANTA CLARA COUNTIES. GRANT FUNDS WILL BE USED BY LOCAL LAND TRUSTS TO LEVERAGE SIGNIFICANT PUBLIC AND PRIVATE FUNDING TO TARGET REGIONAL PRIORITIES THAT ARE PART OF STRATEGIC CONSERVATION PLANS TO MAINTAIN A HEALTHY ECOSYSTEM IN THE REGION.	5,000,000.
RESOURCES LEGACY FUND 555 CAPITOL MALL SUITE 675 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (1)	TO DETERMINE OPPORTUNITIES TO INCREASE IMPACT ON CONSERVATION BY SCALING A UNIQUE APPROACH TO REACH A BROADER SET OF NEEDS THROUGHOUT CALIFORNIA AND POTENTIALLY THE WESTERN UNITED STATES. FUNDS WILL BE USED TO CONDUCT A THOROUGH STRATEGIC ANALYSIS AND DEVELOP A BUSINESS PLAN.	395,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
RESOURCES LEGACY FUND FOUNDATION 555 CAPITOL MALL SUITE 675 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (3)	THIS GRANT TO THE RESOURCES LEGACY FUND FOUNDATION SUPPORTS THE CONTINUED IMPLEMENTATION OF THE MARINE LIFE PROTECTION ACT (MLPA) IN THE NORTH-CENTRAL, SOUTH, AND NORTH COAST REGIONS OF CALIFORNIA. THE GRANT ALSO SUPPORTS THE WORK OF NON-GOVERNMENTAL ORGANIZATIONS, INCLUDING THE MPA MONITORING ENTERPRISE, TO STRENGTHEN THE MANAGEMENT, DESIGN AND IMPLEMENTATION OF THE EMERGING NETWORK OF MARINE PROTECTED AREAS.	2,578,487.
ROCHESTER INSTITUTE OF TECHNOLOGY ONE LOMB MEMORIAL DRIVE ROCHESTER, NY 14623-5603	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DESIGN AND BUILDING OF THE NEXT GENERATION IMAGING DETECTORS FOR NEAR- AND MID-IR WAVELENGTH TELESCOPES TO ENABLE NEW ASTRONOMICAL DISCOVERIES ABOUT THE ORIGIN, EVOLUTION, AND FUTURE OF THE UNIVERSE. THE DETECTORS WILL HAVE ZERO READ NOISE CAPABILITY, WHICH EFFECTIVELY QUADRUPLIES THE COLLECTING POWER OF LARGE TELESCOPES SUCH AS THE THIRTY METER TELESCOPE. IN ADDITION, THE ZERO READ NOISE TECHNIQUE CAN BE ADAPTED TO, AND ADVANCE, A WIDE RANGE OF IMAGE DETECTION APPLICATIONS INCLUDING MEDICINE, OCEANOGRAPHY, AND METEOROLOGY.	738,448.
ROUND RIVER CONSERVATION STUDIES 284 WEST 400, NORTH SUITE 105 SALT LAKE CITY, UT 84103	NONE 501 (C) (3) 509 (A) (1)	FOR WORK WITH THE TAKU RIVER TLINGIT FIRST NATION TO PROTECT THE WILD SALMON ECOSYSTEM OF THE TAKU RIVER WATERSHED THROUGH NEW SCIENCE-BASED LAND USE DESIGNATIONS, ECOLOGICALLY-BASED FISH AND WILDLIFE MANAGEMENT REGIMES, AND ENHANCED FIRST NATIONS STEWARDSHIP CAPACITY.	600,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ROYAL BOTANIC GARDEN EDINBURGH 20A INVERLEITH ROW EH3 5LR EDINBURGH, MIDLOTHIAN ST. KITTS & NEVIS	NONE UNIT OR AGENCY OF FORE	TO DEVELOP NEW PROTOCOLS TO EXTEND MOLECULAR GENOTYPING OF LAND PLANT SPECIES AND TO DETERMINE THEIR EVOLUTIONARY RELATIONSHIPS. THE METHODS WILL FOCUS ON THE MATK GENE REGION AND WILL CREATE A SET OF ROBUSTLY VALIDATED, PUBLICLY AVAILABLE STANDARD METHODS FOR USE BY THE GLOBAL PLANT BIOLOGY RESEARCH COMMUNITY.	137,632.
RUTGERS THE STATE UNIVERSITY 54 JOYCE KILMER AVENUE PISCATAWAY, NJ 08854-8045	NONE 501 (C) (3) 509 (A) (1)	TO STUDY THE EFFECT OF WEATHER EXTREMES IN SEASONALLY DRY SUB-TROPICAL FORESTS OF THE KNOWLEDGE TO UNDERSTAND ECOSYSTEM AND LANDSCAPE-LEVEL RESPONSES TO THE INCREASED FREQUENCY OF LARGE SCALE HURRICANE DISTURBANCE IN FOREST AND THE ROLE OF INVASIVE SPECIES AND AGRICULTURAL BURNING IN SUPPRESSING NATURAL FOREST RECOVERY. KNOWLEDGE DERIVED FROM THIS RESEARCH WILL INCREASE THE TECHNICAL AND SCIENTIFIC CAPACITY OF PROTECTED AREA AGENCIES AT CALAKMUL AND SIAN KA'AN BIOSPHERE RESERVES TO ESTABLISH AND EMPLOY SCIENCE-BASED APPROACHES AND TECHNIQUES FOR LONG-TERM FOREST MANAGEMENT FOLLOWING LARGE-SCALE DISTURBANCE ACROSS THE LARGEST AND FASTEST-DISAPPEARING TRACT OF TROPICAL FOREST IN CENTRAL AMERICA.	155,504.
SAN FRANCISCO GENERAL HOSPITAL FOUNDATION	NONE	FOR THE DEVELOPMENT, IMPLEMENTATION AND EVALUATION OF A NEW TRANSITIONAL CARE PROGRAM AT SAN FRANCISCO GENERAL HOSPITAL (SFGH), WITH THE GOAL OF IMPROVING OUTCOMES FOR 65 YEAR OLD PATIENTS THROUGH A BETTER DESIGNED TRANSITION FROM HOSPITAL TO HOME. BY PROVIDING BETTER COORDINATED AND HIGHER QUALITY OF CARE DURING AND FOLLOWING	500,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2789 25TH STREET, SUITE 2028 SAN FRANCISCO, CA 94110	501 (C) (3) 509 (A) (1)	HOSPITALIZATION, THE PROJECT IS ANTICIPATED TO RES LOWER RATES OF HOSPITAL READMISSION FOR ELDERLY PATIENTS DISCHARGED FROM SFGH. THE IMPACT OF THE TRANSITIONAL CARE PROGRAM SUPPORTED BY THIS GRANT WILL BE DOCUMENTED THROUGH AN EVALUATION AND COST-BENEFIT ANALYSIS WHICH WILL BE DISSEMINATED THROUGH PUBLICATION AND/OR PRESENTATION AT A NATIONAL MEETING.	
SAN FRANCISCO HEALTH AUTHORITY 201 THIRD STREET, 7TH FLOOR SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP THE QUALITY IMPROVEMENT, MANAGEMENT, AND TEAM WORK SKILLS OF 20 SAN FRANCISCO SAFETY NET CLINIC MANAGEMENT TEAMS. THESE IMPROVED SKILLS WILL BE DEMONSTRATED BY A COMPLETED QUALITY IMPROVEMENT PROJECT BY EACH CLINIC MANAGEMENT TEAM, WHICH WILL RESULT IN IMPROVEMENT IN PRIMARY CARE QUALITY INDICATORS.	323,700.
SAN FRANCISCO PARKS TRUST INC. 501 STANYAN STREET SAN FRANCISCO, CA 94117	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF ADOPTION AND IMPLEMENTATION OF THE SAN FRANCISCO BAY AREA UPLAND HABITAT GOALS, A PLAN FOR CONSERVING THE TERRESTRIAL BIOLOGICAL DIVERSITY AND ECOSYSTEM FUNCTION OF THE BAY AREA. FUNDING WILL BE USED TO FACILITATE IMPLEMENTATION OF THE PLAN'S RECOMMENDATIONS BY DESIGNING EASY TO USE WEB-BASED TOOLS, OFFERING TRAINING IN THE APPLICATION OF THE TOOLS, AND PROVIDING TECHNICAL ASSISTANCE TO PUBLIC RESOURCE AGENCIES, CONSERVATION NONPROFITS, LAND USE AND TRANSPORTATION PLANNING AGENCIES.	108,303.
SAN JOSE STATE UNIVERSITY FOUNDATION 210 N. FOURTH STREET, 4TH FLOOR	NONE	TO ENHANCE THE QUALITY OF NURSING EDUCATION AND INCREASE THE NUMBER OF NURSING FACULTY IN THE BAY AREA. OUTCOMES INCLUDE THE ADDITION OF 48 FACULTY MEMBERS WITH MSNS (MASTER OF SCIENCE IN NURSING).	190,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SAN JOSE, CA 95112	501 (C) (3) 509 (A) (2)		
SAN JOSE STATE UNIVERSITY FOUNDATION 210 N. FOURTH STREET, 4TH FLOOR SAN JOSE, CA 95112	NONE 501 (C) (3) 509 (A) (2)	TO DESIGN, EVALUATE, AND MAINTAIN AN ACCELERATED BACHELOR OF SCIENCE IN NURSING (BSN) HONORS PROGRAM. OUTCOMES INCLUDE THE ADDITION OF 90 BSN NURSES TO THE BAY AREA WORKFORCE.	200,000.
SAVE OUR WILD SALMON COALITION 200 FIRST AVE. WEST, SUITE 201 SEATTLE, WA 98119	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT EFFORTS TO PROTECT WILD SALMON AND SALMON HABITAT.	275,000.
SECRETARIA DE ESTADO DO MEIO AMBIENTE E DESENVOLVI RUA DOS CRISANTELOS, 70 - CONJUNTO 69083-230 MANAUS AM BRAZIL	NONE UNIT OR AGENCY OF FORE	IN SUPPORT OF THE STATE OF AMAZONAS' ENVIRONMENT AND SUSTAINABLE DEVELOPMENT AGENCY'S PLANS TO INCREASE AND IMPROVE THE STATE'S EXISTING AREA SYSTEM, AND INCREASE THE CAPACITY TO CARRY OUT SUCH A PROGRAM. THIS GRANT WILL: SUPPORT CREATION OF AT LEAST 10 NEW PROTECTED AREAS, TOTALING NO LESS THAN 1.2 MILLION HECTARES (FIVE OF THEM WITHIN A FRONTIER ZONE); EFFECTIVE MANAGEMENT OF 10 NEW AND 5 EXISTING PROTECTED AREAS AMOUNTING TO 10.6 MILLION HECTARES; AND DEVELOP SUSTAINABLE POLICIES AND TEST THEIR EFFECTIVENESS IN ORDER TO SUPPORT THE AMAZONAS STATE PROTECTED AREA SYSTEM.	355,942.
SIERRA NEVADA MEMORIAL-MINERS HOSPITAL INC. 155 GLASSON WAY GRASS VALLEY, CA 95945	NONE 501 (C) (3) 509 (A) (1)	FOR AN EXTERNAL MAGNET READINESS ASSESSMENT AT SIERRA NEVADA MEMORIAL HOSPITAL TO DEVELOP A BASELINE ASSESSMENT OF THE STATE OF NURSING CARE AND PROVIDE INFORMATION FOR CONTINUOUS IMPROVEMENT OF NURSING CARE IN GREATER SACRAMENTO.	20,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SKEENA WILD CONSERVATION TRUST 4505 GREIG AVENUE V8G 1M6 TERRACE BC CANADA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF STRATEGIES TO ACCELERATE THE ADOPTION OF SUSTAINABLE SALMON HARVEST AND HABITAT PROTECTION PRACTICES IN THE SKEENA WATERSHED OF NORTHWEST BRITISH COLUMBIA. FUNDING WILL BE USED TO STRENGTHEN THE IN-REGION CAMPAIGN TO ENSURE IMPLEMENTATION OF CANADA'S NEW WILD SALMON POLICY CONSISTENT WITH THE MAY 2008 RECOMMENDATIONS OF THE SKEENA INDEPENDENT SCIENCE REVIEW PANEL.	514,552.
SMITHSONIAN INSTITUTION OFFICE OF THE COMPTROLLER 60 GARDEN STREET CAMBRIDGE, MA 02138	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF ACQUIRING NEW KNOWLEDGE ABOUT MANY ASTROPHYSICAL PUZZLES, INCLUDING DARK MATTER, DARK ENERGY, THE ORIGIN AND EVOLUTION OF GALAXIES AND CLUSTERS OF GALAXIES, AND BLACK HOLES BY DEVELOPING, DESIGNING, TESTING, AND MANUFACTURING ADJUSTABLE GRAZING INCIDENCE OPTICS AND DEVELOPING A CMOS-BASED DETECTOR FOR THE NEXT GENERATION OF SATELLITE-BASED X-RAY TELESCOPES.	754,287.
SOCIEDAD PERUANA DE DERECHO AMBIENTAL PROL. ARENALES NO. 437 27 LIMA PERU	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF ADAPTING CONSERVATION STRATEGIES IN THE PERUVIAN AMAZON TO THE EMERGING ISSUES OF GOVERNANCE, DECENTRALIZATION, AND CLIMATE CHANGE ADAPTATION. RESULTS WILL INCLUDE DECENTRALIZED SCHEMES FOR PUBLIC MANAGEMENT AND REGULATORY FRAMEWORKS FOR REGIONAL CONSERVATION, CONSOLIDATED AT VARIOUS LEVELS OF GOVERNANCE IN PERU (INCLUDING THE REGIONAL GOVERNMENTS OF LORETO, MADRE DE DIOS AND SAN MARTIN); A COMPLETED PROCESS OF PROTECTED AREA CREATION (80,000 HA) IN THE PERUVIAN AMAZON; AND THE DEVELOPMENT AND IMPLEMENTATION OF EFFECTIVE MANAGEMENT TOOLS FOR REGIONAL AND PRIVATE CONSERVATION AREAS AND FOR NON-TIMBER CONCESSIONS IN THE PERUVIAN AMAZON.	233,166.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SOCIETY OF CRITICAL CARE MEDICINE 500 MIDWAY DRIVE MOUNT PROSPECT, IL 60056	NONE 501 (C) (3) 509 (A) (2)	FOR PHASE II OF THE SURVIVING SEPSIS CAMPAIGN. THE PROJECT WILL SUPPORT THE DEVELOPMENT OF REVISED SEVERE SEPSIS AND SEPTIC SHOCK TREATMENT GUIDELINES, INCORPORATION OF RECENTLY PUBLISHED EVIDENCE; REVISING SEVERE SEPSIS AND SEPTIC SHOCK TREATMENT BUNDLES IN LINE WITH THE REVISED GUIDELINES; UPDATED CAMPAIGN TOOLS THAT REFLECT THE NEW GUIDELINES AND BUNDLES; AND RESEARCH TO ADDRESS ADDITIONAL HIGH PRIORITY QUESTIONS FOR IDENTIFICATION AND TREATMENT OF SEVERE SEPSIS AND SEPTIC SHOCK.	300,000.
SONOMA LAND TRUST 966 SONOMA AVENUE SANTA ROSA, CA 95404	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF PERMANENTLY PROTECTING THE JENNER HEADLANDS, 5,630 ACRES OF BIOLOGICALLY DIVERSE, COMPLEX COASTAL PRAIRIE AND FOREST ON THE SCENIC SONOMA COAST. THE PROJECT WILL ESTABLISH SUSTAINABLE FINANCING OF ECOLOGICAL STEWARDSHIP AND PUBLIC ACCESS USING CARBON CREDITS AND SUSTAINABLE TIMBER HARVESTS.	438,600.
SONOMA LAND TRUST 966 SONOMA AVENUE SANTA ROSA, CA 95404	NONE 501 (C) (3) 509 (A) (1)	TO PROTECT 900 ACRES OF BIOLOGICALLY DIVERSE FORESTLANDS, WOODLANDS, AND SERPENTINE COMMUNITIES IN WESTERN SONOMA COUNTY AND TO FACILITATE THE PROTECTION OF THE LARGER CAMP MEEKER AND THE CEDARS SERPENTINE AREA. THE FUNDING WILL BE USED TO ACQUIRE FEE TITLE FROM TWO WILLING SELLERS AND TO DEVELOP A CONCEPTUAL AREA PROTECTION PLAN.	1,548,659.
SOUTH COAST WILDLANDS PROJECT	NONE	IN SUPPORT OF THE BAY AREA CRITICAL LINKAGES PROJECT, DELINEATING LINKS BETWEEN CORE CONSERVATION AREAS ESSENTIAL TO MAINTAINING HEALTHY ECOSYSTEMS. TOGETHER WITH BROADER EFFORTS TO ESTABLISH CORE AREAS, THIS WILL ULTIMATELY FORM	52,676.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
P.O. BOX 1052 FAIR OAKS, CA 95628	501 (C) (3) 509 (A) (1)	A NETWORK OF CONSERVED INTACT ECOSYSTEMS. THE COMPREHENSIVE LINKAGES STRATEGY WILL INCLUDE FOCAL SPECIES-BASED LINKAGE DESIGNS, IMPLEMENTATION STRATEGIES, AND A MONITORING FRAMEWORK, AND WILL ALSO PROVIDE IMPLEMENTATION TOOLS AND A STRATEGIC COMMUNICATIONS PLAN TO INSTITUTIONALIZE SUPPORT FOR A NETWORK OF CONSERVED LANDS.	
SOUTHEAST ALASKA CONSERVATION COUNCIL INC-SEACC 619 6TH STREET #200 JUNEAU, AK 99801	NONE 501 (C) (3) 509 (A) (1)	TO FOSTER SOLUTIONS FOR SOUTHEAST ALASKA THAT BALANCE WILD SALMON ECOSYSTEM PROTECTION PRIORITIES WITH SUSTAINABLE ECONOMIC DEVELOPMENT FOR THE REGION'S COMMUNITIES.	240,000.
SPITFIRE STRATEGIES, LLC 1800 M STREET, NW, SUITE 300 NORTH WASHINGTON, DC 20036	NONE EXPENDITURE RESPONSIBI	TO STRENGTHEN GRANTEE'S ABILITY TO COMMUNICATE EFFECTIVELY ABOUT CATCH SHARES (SECTORS) IN NEW ENGLAND, IN ORDER TO ENSURE ACCURATE INFORMATION AND CONSISTENT MESSAGES IN THE REGION.	221,640.
STANFORD HEALTH SERVICES 300 PASTEUR DRIVE, ROOM H3200 STANFORD, CA 94305-5645	NONE 501 (C) (3) 509 (A) (1)	FOR THE APPLICATION FOR MAGNET RE-DESIGNATION, LEADING TO RE-DESIGNATION BY DECEMBER 31, 2011.	165,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 473 VIA ORTEGA, MAIL CODE 4205 STANFORD, CA 94305-6030	NONE 501 (C) (3) 509 (A) (1)	FOR THE DEVELOPMENT AND APPLICATION OF A SUITE OF ECOSYSTEM SERVICE MODELS, USING THE INVEST MODELING FRAMEWORK BEING DEVELOPED AS PART OF THE NATURAL CAPITAL PROJECT, TO INFORM AREA-BASED MANAGEMENT DECISION-MAKING IN TEMPERATE MARINE ECOSYSTEMS. THE MODELS WILL BE DEVELOPED AND TESTED IN ONE OF THE MARINE CONSERVATION INITIATIVE'S FOCAL GEOGRAPHIES.	377,148.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN C/O STANFORD SCHOOL OF MEDICINE117 ENCINA COMMONS STANFORD, CA 94305-6019	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF STANFORD UNIVERSITY CENTER FOR PRIMARY CARE AND OUTCOMES RESEARCH FOR RESEARCH TO UNDERSTAND POTENTIALLY PREVENTABLE READMISSIONS IN SAN FRANCISCO BAY AREA ADULT ACUTE CARE HOSPITALS AND THE RELATIONSHIP BETWEEN POTENTIALLY PREVENTABLE READMISSIONS AND OTHER HOSPITAL QUALITY INDICATORS.	125,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 300 PASTEUR DRIVE STANFORD, CA 94305	NONE 501 (C) (3) 509 (A) (1)	FOR THE DEVELOPMENT AND ROLLOUT OF AN INTENSIVE PATIENT SAFETY INTERVENTION INCORPORATING FREQUENT, UNIT-BASED SIMULATION TEAM TRAINING ON FOUR MEDICAL-SURGICAL UNITS AT STANFORD HOSPITAL & CLINICS. THIS PROGRAM WILL LEAD TO THREE OUTCOMES: REDUCTION IN THE INCIDENCE RATE OF AT LEAST ONE HOSPITAL-ACQUIRED COMPLICATION PER UNIT, REDUCTION IN THE RATE OF UNPLANNED TRANSFERS OF NON-DO NOT RESUSCITATE (NON-DNR) PATIENTS TO A HIGHER LEVEL OF CARE, AND REDUCTION IN THE RISK-ADJUSTED MORTALITY RATE OF NON-DNR PATIENTS.	350,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 473 VIA ORTEGA, MAIL CODE 4205 STANFORD, CA 94305-6030	NONE 501 (C) (3) 509 (A) (1)	TO ADVANCE THE SCIENCE OF ECOSYSTEM SERVICES THROUGH BASIC RESEARCH AND MODELING OF THEIR PROVISION, DEVELOPMENT OF TOOLS FOR ASSESSING TRADEOFFS, AND APPLICATION OF THOSE TOOLS IN LAND USE PLANNING.	1,200,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN JERRY YANG & AKIKO YAMAZAKI ENVIRONMENT & ENERGY B STANFORD, CA 94305	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE HOPKINS MICROBIOLOGY SUMMER COURSE, ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON ADDITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EM PHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTI NG-EDGE ANALYTICAL TECHNIQUES.	242,765.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN MCCULLOUGH BUILDING, SOUTH SERVICE ROAD STANFORD, CA 94305-4045	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING A NEW METHOD TO ACQUIRE ELECTRICITY FROM SUNLIGHT THAT COMBINES BOTH THE PHOTON (QUANTUM) AND THERMAL APPROACHES, CALLED PHOTO-ENHANCED THERMIONIC EMISSION. FUNDING WILL BE USED TO IDENTIFY OPTIMAL MATERIALS, DESIGN, FABRICATE, AND TEST PHOTO-ENHANCED THERMIONIC EMISSION DEVICES, AND BENCHMARK THEIR EFFICIENCIES AND COST PER WATT COMPARED TO OTHER TECHNOLOGIES.	730,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 300 PASTEUR DRIVE STANFORD, CA 94305	NONE 501 (C) (3) 509 (A) (1)	TO INVESTIGATE HOW CORALS RESIST STRESS THROUGH DEVELOPMENT OF A POWERFUL SEA ANEMONE MODEL SYSTEM AND RELATED EXPERIMENTS WITH CORALS, SEA ANEMONES AND THE SYMBIOTIC ALGAE THAT RESIDE IN THEM. THE FUNDING WILL BE USED TO ENHANCE RESEARCHERS' ABILITIES TO PREDICT CORAL RESILIENCE BY IDENTIFYING EARLY, RELIABLE SIGNALS THAT RESULT FROM CHANGING ENVIRONMENTAL CONDITIONS.	560,361.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 450 SERRA MALL STANFORD, CA 94305	NONE 501 (C) (3) 509 (A) (1)	TO ASSESS THE IMPACTS OF OCEAN ACIDIFICATION AT PALMYRA ATOLL. FUNDING WILL BE USED TO DETERMINE HOW NUMEROUS SPECIES RESPOND TO NATURAL VARIABILITY IN OCEAN PH AND TEMPERATURE PRESENT ACROSS THE ATOLL, AN ENVIRONMENT WITH FEW OTHER LOCAL STRESSORS.	832,692.
SUTTER HEALTH	NONE	FOR THE CONTINUATION OF THE PARTNERS ADVANCING CLINICAL EXCELLENCE (PACE) INITIATIVE, IN STRENGTHENING ITS EFFORTS TO REDUCE SEVERE SEPSIS MORTALITY RATES AT FIVE SAN FRANCISCO BAY AREA SUTTER AFFILIATES. THIS PROJECT WILL LEAD TO THREE OUTCOMES AT EACH OF THE FIVE SUTTER AFFILIATES: 1) SIGNIFICANT REDUCTION IN THE HOSPITAL-WIDE SEVERE	930,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2200 RIVER PLAZA DRIVE SACRAMENTO, CA 95833	501 (C) (3) 509 (A) (2)	SEPSIS MORTALITY RATE, 2) ACHIEVEMENT OF AN EVIDENCE-BASED TARGET FOR AN ADDITIONAL DRIVER OF MORTALITY AND/OR COMPLICATIONS, AND 3) MAINTENANCE OF THE IMPROVEMENT GAINS REALIZED ON FOUR PHASE I PACE COUNCIL INITIATIVES THROUGH 2013.	
SUTTER HEALTH 2200 RIVER PLAZA DRIVE SACRAMENTO, CA 95833	NONE 501 (C) (3) 509 (A) (2)	FOR IMPROVED NURSING-RELATED PATIENT OUTCOMES IN THE SUTTER HEALTH SACRAMENTO SIERRA REGION. THROUGH IMPLEMENTATION OF EVIDENCE-BASED PRACTICES, THE PROJECT GOALS ARE A REDUCTION IN SEVERE SEPSIS AND SEPTIC SHOCK MORTALITY OF NON-DO NOT RESUSCITATE PATIENTS AT FIVE SUTTER HOSPITALS, REDUCTION IN THE PERCENT OF PATIENTS AT ONE HOSPITAL WITH SIGNIFICANTLY HIGH OR LOW LEVELS OF BLOOD GLUCOSE LEVELS WHILE HOSPITALIZED, AND IMPROVED PATIENT SAFETY OUTCOMES THROUGH NURSE LEADERSHIP DEVELOPMENT AND THE ADOPTION OF JUST CULTURE' PRINCIPLES.	2,100,000.
SUTTER HEALTH 2200 RIVER PLAZA DRIVE SACRAMENTO, CA 95833	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF SPREADING THE HEART FAILURE CONTINUUM OF CARE MODEL, A HIGHLY EFFECTIVE TRANSITIONAL CARE PROGRAM AIMED AT REDUCING HEART FAILURE READMISSIONS. OUTCOMES INCLUDE A REDUCTION IN BOTH 30-DAY AND 90-DAY READMISSION RATES AT EDEN MEDICAL CENTER BY AT LEAST 30% AS COMPARED TO THE 2009 BASELINE, AND THE COMMITMENT OF AT LEAST ONE ADDITIONAL SAN FRANCISCO BAY AREA SUTTER HEALTH HOSPITAL TO FULLY IMPLEMENT THE MODEL.	1,000,000.
T. BUCK SUZUKI ENVIRONMENTAL FOUNDATION	NONE	TO ENGAGE COMMERCIAL FISHING ORGANIZATIONS, OTHER COMMERCIAL BOAT OPERATORS, AND INDIVIDUAL COMMERCIAL FISHING INDUSTRY WORKERS TO DEVELOP A UNIFIED VISION IN SUPPORT OF THE CONSERVATION	147,604.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
#100 - 326 12TH STREET V3M 4H6 NEW WESTMINSTER BC CANADA	EQUIVALENT OF U.S. PUBL	GOALS OF THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA'S MARINE SPATIAL PLANNING PROCESS.	
THE CONSERVATION FUND A. NONPROFIT CORPORATION 1655 NORTH FORT MYER DRIVE, SUITE 1300 ARLINGTON, VA 22209-3199	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE ACQUISITION AND PERMANENT PROTECTION OF PRIVATE LANDS LOCATED IN SALMON- PRODUCING WATERSHEDS CONTAINED WITHIN EXISTING PARKS AND REFUGES IN THE BRISTOL BAY REGION.	1,610,651.
THE CONSERVATION FUND A. NONPROFIT CORPORATION 1655 NORTH FORT MYER DRIVE, SUITE 1300 ARLINGTON, VA 22209-3199	NONE 501 (C) (3) 509 (A) (1)	TO UNDERTAKE A 24-MONTH RESEARCH PROJECT GROWING ATLANTIC SALMON TO FOOD SIZE IN AN EXISTING FRESHWATER CLOSED CONTAINMENT RESEARCH FACILITY, AND TO DISSEMINATE BEST PRACTICES AND OTHER FINDINGS TO SUPPORT IMPROVED DECISION-MAKING ABOUT LAND-BASED AQUACULTURE IN BRITISH COLUMBIA.	199,164.
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501 (C) (3) 509 (A) (1)	FOR THE DEVELOPMENT OF AN INNOVATIVE TEACHER PROFESSIONAL DEVELOPMENT PROGRAM ('BAYSCI PROFESSIONAL DEVELOPMENT PROGRAM') TO STRENGTHEN THE IMPLEMENTATION OF INQUIRY-BASED ELEMENTARY SCIENCE INSTRUCTION IN THE BAY AREA. FUNDING WILL SUPPORT A TWO-YEAR PILOT PROGRAM TO PROVIDE ON- GOING AND TARGETED PROFESSIONAL DEVELOPMENT FOR TEACHERS THROUGH A COLLABORATIVE PARTNERSHIP WITH UP TO TWO SELECT BAY AREA DISTRICTS, DEMONSTRATING ITS EFFECTIVENESS THROUGH IMPROVED TEACHER CONFIDENCE AND PREPAREDNESS TO TEACH SCIENCE, IMPROVED QUALITY AND QUANTITY OF CLASSROOM SCIENCE INSTRUCTION, AND INCREASED STUDENT INTEREST, ENGAGEMENT AND POSITIVE ATTITUDES FOR SCIENCE IN THE PILOT DISTRICTS.	134,670.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE EXPLORATORIUM FACILITIES CONSTRUCTION AT PIERS 15-17, RELOCATION AND TRANSITION COSTS, AND FOR ITS SCIENCE EDUCATION PROGRAMS.	15,000,000.
THE NATIONAL CENTER FOR GENOME RESOURCES 2935 RODEO PARK DRIVE EAST SANTA FE, NM 87505	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE SEQUENCING AND PERFORMING BASIC CHARACTERIZATIONS OF THE GENE CONTENT OF NUMEROUS MARINE MICROBIAL EUKARYOTES. FUNDING WILL BE USED TO ANALYZE THE EXPRESSED GENES IN APPROXIMATELY 750 SAMPLES COLLECTED FROM A WIDE DIVERSITY OF ORGANISMS. THE RESULTING SEQUENCE DATA AND ASSOCIATED METADATA WILL BE MADE PUBLICLY AVAILABLE.	1,036,955.
THE PENNSYLVANIA STATE UNIVERSITY 310 WARTIK BUILDING, PENN STATE UNIVERSITY UNIVERSITY PARK, PA 16802	NONE UNIT OF GOVERNMENT	TO CREATE A DEDICATED 'NEXT GENERATION' DNA SEQUENCING PIPELINE FOR FIVE MICROBIAL DIVERSITY SUMMER COURSES SUPPORTED BY MMI. STUDENTS IN THOSE COURSES WILL LEARN TO GENERATE AND INTERPRET SEQUENCE DATA FROM ADVANCED SEQUENCING TECHNOLOGIES.	605,733.
THIRD SECTOR NEW ENGLAND THE NONPROFIT CENTER, SUITE 202; 89 SOUTH STREET BOSTON, MA 02111	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE MASSACHUSETTS OCEAN PARTNERSHIP, A COALITION OF STAKEHOLDERS, TO WORK TOWARDS THE IMPLEMENTATION AND DURABILITY OF A SOUND MARINE SPATIAL PLAN FOR MASSACHUSETTS STATE WATERS.	1,000,000.
THIRD SECTOR NEW ENGLAND THE NONPROFIT CENTER, SUITE 202; 89 SOUTH STREET BOSTON, MA 02111	NONE 501 (C) (3) 509 (A) (1)	TO HELP DEVELOP A COMMON VISION, FRAMEWORK, AND PROCESS TO FACILITATE IMPLEMENTATION OF COASTAL AN MARINE SPATIAL PLANNING IN FEDERAL WATERS IN THE N ORTHEAST REGION, BUILDING OFF MASSACHUSETTS LESSON S AND THE RECOMMENDATIONS AND REQUIREMENTS OF THE NATIONAL OCEAN POLICY, AND POSITIONING THE REGION AS A NATIONAL LEADER.	88,148.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT AN AGILE MECHANISM FOR TIMELY SMALL SCALE INVESTMENTS IN GRASSROOTS ACTIVITIES AIMED AT PROTECTING WILD SALMON IN BRITISH COLUMBIA. THE GOAL IS TO CAPITALIZE ON TIME-LIMITED OPPORTUNITIES TO ADVANCE IDENTIFIED STRATEGIC OUTCOMES OF THE WILD SALMON ECOSYSTEMS INITIATIVE.	572,626.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	FOR AN AGILE MECHANISM FOR TIMELY, SMALL-SCALE INVESTMENTS IN ACTIVITIES AIMED AT SECURING RESILIENT AND PRODUCTIVE MARINE ECOSYSTEMS IN BRITISH COLUMBIA.	293,644.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH A FINFISH AQUACULTURE INNOVATION FUND TO ENABLE THE TRANSITION FROM OPEN-NET PENS TO CLOSED CONTAINMENT TECHNOLOGY. FUNDING WILL ALSO SUPPORT INCREASED STRATEGIC COORDINATION BETWEEN THE BUSINESS COMMUNITY, ENGOS AND GOVERNMENT IN ADVANCING AQUACULTURE SOLUTIONS WHICH PROTECT WILD SALMON.	254,865.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SALMON AQUACULTURE INNOVATION FUND. FUNDING WILL BE USED IN CONJUNCTION WITH PUBLIC AND PRIVATE SOURCES TO SUPPORT EARLY STAGE RESEARCH, DEVELOPMENT AND DEMONSTRATION OF ON-LAND CLOSED CONTAINMENT SYSTEMS IN BRITISH COLUMBIA.	1,970,956.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF IMPLEMENTING A NEW BUSINESS MODEL TO ENSURE GRANTEE'S LONG-TERM FINANCIAL SUSTAINABILITY. FUNDING WILL BE USED TO SUPPORT KEY STAFF POSITIONS INVOLVED IN THE BUSINESS PLAN SCALE-UP AND TRANSITION.	471,818.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	FOR DEVELOPMENT OF A MULTI-SECTOR PARTNERSHIP IN SUPPORT OF A MARINE SPATIAL PLANNING PROCESS IN THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA.	213,095.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA INITIATIVE TO PRODUCE AN INTEGRATED MARINE MANAGEMENT PLAN.	2,781,284.
TIDES CENTER, RIVERS WITHOUT BORDERS PRESIDIO OF SAN FRANCISCO, BUIDLING 1014 SAN FRANCISCO, CA 94129	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE RIVERS WITHOUT BORDERS PROJECT OF THE TIDES CENTER TO BUILD TRANS-BOUNDARY PUBLIC SUPPORT FOR PROTECTION OF TAKU WILD SALMON HABITAT THROUGH IMPENDING LAND USE PLAN OUTCOMES IN BRITISH COLUMBIA AND NEW HABITAT PROTECTION DESIGNATIONS IN ALASKA.	175,840.
TROPICAL FOREST GROUP 1125 FORT STOCKTON DR SAN DIEGO, CA 93103	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF TRACKING AND ANALYZING THE UNITED STATES-BASED FAST-START REDD+ FINANCING SUPPORT PLEDGED DURING THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE CONFERENCE OF THE PARTIES 15TH SESSION. MONITORING, REPORTING AND VERIFICATION OF THESE FUNDS WILL MAINTAIN TRANSPARENCY AND PROVIDE CREDIBLE INFORMATION TO DONORS AND THE PUBLIC.	75,000.
TROUT UNLIMITED 1300 N 17TH STREET, SUITE 500 ARLINGTON, VA 22209	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ALASKA PROGRAM OF TROUT UNLIMITED FOR THEIR WORK IN PROMOTING SUSTAINABLE WILD SALMON ECOSYSTEMS IN BRISTOL BAY, THE TONGASS NATIONAL FOREST, AND ELSEWHERE.	430,147.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
TRUST FOR CONSERVATION INNOVATION 150 POST STREET, SUITE 342 SAN FRANCISCO, CA 94108	NONE 501 (C) (3) 509 (A) (1)	THIS GRANT TO THE TRUST FOR CONSERVATION INNOVATION IS AIMED AT IMPROVING THE MANAGEMENT EFFECTIVENESS OF THE ALTO PURÉS NATIONAL PARK, THE PURÉS COMMUNAL RESERVE, AND THE MURUNAHUA AND MADRE DE DIOS TERRITORIAL RESERVES FOR INDIGENOUS PEOPLE LIVING IN VOLUNTARY ISOLATION; A BLOCK OF MORE THAN 4 MILLION HECTARES OF PROTECTED AREAS IN THE PERUVIAN AMAZON. THIS WILL BE DONE BY IMPLEMENTING PARK PROTECTION ACTIVITIES TOGETHER WITH THE PERUVIAN PARK SERVICE, AS WELL AS BUILDING CAPACITY FOR CONSERVATION IN INDIGENOUS COMMUNITIES IN AND AROUND THESE SITES.	204,012.
TRUSTEES OF PRINCETON UNIVERSITY 70 PROSPECT AVENUE, BOWN HALL PRINCETON, NJ 08540	NONE 501 (C) (3) 509 (A) (1)	TO DESIGN AND CONSTRUCT A MOLECULAR BEAM EPITAXY LABORATORY CAPABLE OF PRODUCING THE HIGHEST QUALITY GALLIUM ARSENIDE AND ALUMINUM GALLIUM ARSENIDE SEMICONDUCTOR HETERO-STRUCTURES IN THE WORLD. FUNDING WILL BE USED TO PRODUCE CUSTOM ULTRA-HIGH PURITY SPECIMENS FOR PHYSICS RESEARCHERS AND TO BEGIN TRAINING THE NEXT GENERATION THAT WILL BE CAPABLE OF GROWING ULTRA-HIGH PURITY MATERIALS.	750,000.
UNIVERSIDAD DE CONCEPCION, DEPARTAMENTO DE OCEANOGRAFIA BARRIO UNIVERSITARIO S/N CASILLA 16 CONCEPCION OCTAVA REGION CHINA	NONE EQUIVALENT OF U.S. PUBL	TO PROCURE SCIENTIFIC LABORATORY AND FIELD EQUIPMENT TO REPLACE A SUBSET OF THE EQUIPMENT DAMAGED DURING THE 8.8 MAGNITUDE EARTHQUAKE THAT STRUCK CHILE ON FEBRUARY 27, 2010.	285,000.
UNIVERSITY OF ALASKA	NONE	TO ACQUIRE, CONFIGURE, TEST, AND DEPLOY A REVOLUTIONARY RADAR SYSTEM THAT IS CAPABLE OF OBSERVING DETAILED PHYSICAL PROCESSES THAT OCCUR DURING GLACIAL ICE FLOW AT THE OCEAN-ICE	930,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
903 KOYUKUK DRIVE, UNIVERSITY OF ALASKA FAIRBANKS, CA 99775-7320	UNIT OF GOVERNMENT	INTERFACE. FUNDING WILL BE USED TO DEVELOP A GROUND-BASED INTERFEROMETRIC SYSTEM THAT HAS A MUCH FINER SPATIAL AND TEMPORAL RESOLUTION THAN ANY CURRENT METHOD, TO CONFIGURE MULTI-BEAM SONAR TO MEASURE BATHYMETRY AND ICE FRONT CONFIGURATION DIRECTLY IN THE PROGLACIAL WATER, AND TO PERFORM OBSERVATIONS AT TWO CLIMATICALLY IMPORTANT GLACIERS IN ALASKA: YAKUTAT AND LEMON.	
UNIVERSITY OF ARIZONA SPONSORED PROJECTS SERVICES, P.O. BOX 3308 TUCSON, AZ 85722-3308	NONE UNIT OF GOVERNMENT	IN SUPPORT OF DEVELOPING AND APPLYING NOVEL VIRUS ECOLOGY APPROACHES THAT ENABLE DEEPER INVESTIGATIONS OF THE STRUCTURE AND ACTIVITIES OF NATURAL MARINE VIRUS COMMUNITIES AND THE LINKAGES BETWEEN VIRUSES AND THEIR MICROBIAL HOSTS.	683,336.
UNIVERSITY OF CHICAGO DEPARTMENT OF PHYSICS, 5640 S. ELLIS AVE. CHICAGO, IL 60637	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP A POLARIZATION SENSITIVE CAMERA AND RELATED SOFTWARE DESIGNED TO PROVIDE INSIGHTS INTO DARK ENERGY, DARK MATTER, AND THE PHYSICAL PRINCIPLES OF THE UNIVERSE. OUTCOMES INCLUDE THE DEVELOPMENT OF THE NEXT GENERATION, MULTI-FREQUENCY, POLARIZATION SENSITIVE DETECTOR ARRAYS FOR MEASUREMENT, TO BE DEPLOYED ON THE SOUTH POLE TELESCOPE.	423,055.
UNIVERSITY OF CHICAGO 5735 SOUTH ELLIS AVENUE CHICAGO, IL 60637	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF ENABLING NEW WAYS FOR SCIENTISTS TO MANAGE, ANALYZE, INTEGRATE AND SHARE THEIR DATA BY PROVIDING A PERSISTENT INTERNET-BASED HOME FOR SCIENTIFIC DATASETS IN THE OPEN SCIENCE DATA CLOUD. FUNDING SUPPORTS THE DEVELOPMENT AND OPERATION OF A HOSTED INFRASTRUCTURE SPECIFICALLY CONFIGURED FOR SCIENTIFIC DATA THAT WILL ALLOW SCIENTISTS TO BETTER HANDLE THE DELUGE OF NEW DATASETS FROM A VARIETY OF DISCIPLINES.	1,103,493.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
UNIVERSITY OF DELAWARE 152 TOWNSEND HALL NEWARK, DE 19716	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF INTEGRATING A NOVEL SUITE OF RMATIC TOOLS FOR ANALYZING VIRAL METAGENOMIC DATASETS INTO A MAJOR PUBLIC DNA SEQUENCE ANALYSIS PLATFORM. THE FUNDING WILL BE USED TO IMPROVE THE VIRAL INFORMATICS RESOURCE FOR METAGENOME EXPLORATION AND TRANSITION IT INTO THE COMMUNITY CYBERINFRASTRUCTURE FOR ADVANCED MICROBIAL ECOLOGY RESEARCH AND ANALYSIS.	288,002.
UNIVERSITY OF FLORIDA PO BOX 110430 GAINESVILLE, FL 32611-0430	NONE UNIT OF GOVERNMENT	FOR CONSOLIDATING SIX GRADUATE PROGRAMS IN ENVIRONMENTAL LAW, CONSERVATION, SUSTAINABLE DEVELOPMENT AND PROTECTED AREA MANAGEMENT AT THREE REGIONAL UNIVERSITIES IN THE BRAZILIAN AMAZON, AND TRAINING REGIONAL CONSERVATION LEADERS AT THE M.S., PH.D., AND PROFESSIONAL LEVEL AT THE UNIVERSITY OF FLORIDA. OUTPUTS WILL SUPPORT HIGHER LEVEL OUTCOMES OF IMPROVED EFFECTIVE MANAGEMENT IN AMAZONIAN PROTECTED AREAS, INCREASED EFFECTIVENESS OF LEGAL MECHANISMS FOR THE REDUCTION OF DEFORESTATION, AND INNOVATIVE CONSERVATION LEADERSHIP.	593,090.
UNIVERSITY OF GEORGIA FOUNDATION 394 SOUTH MILLEDGE AVE ATHENS, GA 30602	NONE 501 (C) (3) 509 (A) (1)	FOR RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. MARY ANN MORAN ON THE GENETIC UNDERPINNINGS OF BACTERIAL SULFUR AND CARBON CYCLING IN THE COASTAL OCEAN, UNDERSTAND THE ROLE OF MARINEBACTERIA IN SUSTAINING PRODUCTIVITY OF THE COASTAL OCEAN AND THE FORMATION AND FLUX OF CLIMATICALLY ACTIVE GASES CONTAINING SULFUR AND CARBON.	781,307.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION INC OFFICE OF SPONSORED PROGRAMS, 617 BOYD GRADUATE ST ATHENS, GA 30602	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING A SYSTEMS-LEVEL UNDERSTANDING OF MICROBially MEDIATED ELEMENTAL CYCLES ALONG THE LOWER REACH OF THE AMAZON RIVER AND ITS MARINE PLUME. THIS INTEGRATIVE PROGRAM WILL COLLECT MICROBIAL COMMUNITY STRUCTURE AND FUNCTION DATA ALONG THE RIVER-TO-OCEAN CONTINUUM AND DEVELOP A NOVEL MODEL THAT INCORPORATES THESE DATA WITH OTHER BIOLOGICAL, CHEMICAL AND PHYSICAL INFORMATION, TO ENABLE PREDICTIONS OF CARBON SEQUESTRATION AS A FUNCTION OF THE DYNAMIC CHEMICAL COMPOSITION OF THE AMAZON RIVER.	1,274,622.
UNIVERSITY OF HAWAII FOUNDATION 2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	NONE 501 (C) (3) 509 (A) (1)	FOR CONTINUED RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. DAVID M. KARL. THE OBJECTIVES OF THIS GRANT ARE TO QUANTIFY SOLAR ENERGY CAPTURE AND TRANSDUCTION, AND TO IMPROVE UNDERSTANDING OF ESSENTIAL BIO-ELEMENTAL CYCLES AND SEQUESTRATION OF ATMOSPHERIC CARBON BY THE MICROBially-MEDIATED OCEANIC BIOLOGICAL CARBON PUMP.	958,362.
UNIVERSITY OF HAWAII FOUNDATION 2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	NONE 501 (C) (3) 509 (A) (1)	FOR THE HAWAI'I MICROBIAL OCEANOGRAPHY SUMMER COURSE, ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	166,105.
UNIVERSITY OF LEEDS	NONE	IN SUPPORT OF THE AMAZON FOREST INVENTORY NETWORK PROJECT TO POSITION FOREST ECOSYSTEM SERVICES ON A FIRM SCIENTIFIC FOUNDATION WITH THE PUBLIC, POLICY-MAKER, CONSERVATION, AND SCIENTIFIC COMMUNITIES BY INCREASING THE SCIENTIFIC UNDERSTANDING OF THE GLOBAL CARBON BALANCE AND	834,733.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
UNIVERSITY OF LEEDS LS2 9JT LEEDS ENGLAND UNITED KINGDOM	EQUIVALENT OF U.S. PUBL	QUANTIFYING THE ROLE OF TROPICAL FORESTS IN EITHER SLOWING OR ACCELERATING CLIMATE CHANGE THROUGH THE 21ST CENTURY.	
UNIVERSITY OF MASSACHUSETTS 100 MORRISSEY BLVD BOSTON, MA 02125	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE MASSACHUSETTS OCEAN PARTNERSHIP, A COALITION OF STAKEHOLDERS, TO WORK TOWARDS THE IMPLEMENTATION AND DURABILITY OF A SOUND MARINE SPATIAL PLAN FOR MASSACHUSETTS STATE WATERS.	500,000.
UNIVERSITY OF PITTSBURGH OFFICE OF THE COMPTROLLER 2502 CATHEDRAL OF LEARNING PITTSBURGH, PA 15260	NONE 501 (C) (3) 509 (A) (1)	FOR THE DEVELOPMENT OF A VALID, RELIABLE AND SCALABLE ASSESSMENT SYSTEM TO MEASURE EFFICIENTLY HOW WELL CHILDREN IN GRADES K-5 HAVE LEARNED SCIENCE IN WAYS THAT DEVELOP AND RETAIN THEIR ABILITY TO ENGAGE IN CRITICAL INQUIRY IN LATER YEARS. FUNDING WILL BE USED TO DEVELOP AN ASSESSMENT SYSTEM THAT DETERMINES WHETHER THE ACTIVATED YOUNG SCIENCE LEARNER (AYSL) FRAMEWORK EFFECTIVELY AND EFFICIENTLY CAPTURES CHILDREN'S PERSISTENT ENGAGEMENT IN SCIENCE LEARNING AND CRITICAL INQUIRY; DEFINES HOW AYSL CAN BE MEASURED WITH INSTRUMENTS DRAWN FROM A BROAD RANGE OF PRECEDING SCIENCE LEARNING EFFORTS; AND IDENTIFIES AND CROSS-VALIDATES A SCALABLE SET OF MEASURES THAT COULD BE USED TO TRANSFORM THE DESIGN AND ASSESSMENT OF EARLY SCIENCE EXPERIENCES FOR CHILDREN AGES 5-11 ACROSS INFORMAL AND FORMAL SETTINGS.	380,000.
UNIVERSITY OF SOUTHERN CALIFORNIA	NONE	FOR THE GEOBIOLOGY SUMMER COURSE, ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE	263,387.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ZUMBERGE HALL OF SCIENCES, 3651 TROUSDALE PKWAY LOS ANGELES, CA 90089	501 (C) (3) 509 (A) (1)	CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	
UNIVERSITY OF WASHINGTON BOX 357940 SEATTLE, WA 98195-7940	NONE UNIT OF GOVERNMENT	FOR RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. E. VIRGINIA ARMBRUST TO UNDERSTAND HOW MARINE DIATOMS RESPOND AND ADAPT TO ENVIRONMENTAL CHANGE. THE OBJECTIVES ARE TO INVESTIGATE THE ROLE OF THE ENVIRONMENT IN MAINTAINING DIATOM DIVERSITY AND, IN TURN, THE ROLE OF DIATOMS IN MAINTAINING MARINE ECOSYSTEMS.	1,043,535.
UNIVERSITY OF WASHINGTON 1122 NE BOAT STREET SEATTLE, WA 98105	NONE UNIT OF GOVERNMENT	TO IMPROVE THE SCIENTIFIC UNDERSTANDING OF RESILIENCE AND PRODUCTIVITY IN SALMON ECOSYSTEMS, AND TO APPLY THIS INFORMATION TO IMPROVE FISHERIES MANAGEMENT.	1,327,559.
UNIVERSITY OF WASHINGTON 301 GERBERDING HALL, MAILBOX 351237 SEATTLE, WA 98195-1237	NONE UNIT OF GOVERNMENT	TO INCREASE AWARENESS, KNOWLEDGE, AND PRACTICAL USAGE OF MODERN DATA INTENSIVE SCALABLE COMPUTING AND LARGE SCALE DATA MANAGEMENT TECHNIQUES AMONG DOMAIN SCIENTISTS. FUNDING WILL SUPPORT DEPLOYMENT OF STATE-OF-THE-ART SCALABLE DATA MANAGEMENT TECHNOLOGIES SUCH AS PARALLEL RELATIONAL DATABASES, PARALLEL DATA ANALYSIS FRAMEWORKS, AND CLOUD COMPUTING SERVICES TO SOLVE EMERGING DATA-INTENSIVE SCIENCE PROBLEMS.	370,000.
UNIVERSITY OF WASHINGTON 1122 NE BOAT STREET SEATTLE, WA 98105	NONE UNIT OF GOVERNMENT	IN SUPPORT OF SCIENTIFIC ANALYSES ABOUT THE RELATIONSHIPS BETWEEN SALMON DIVERSITY, HABITAT, AND ECOLOGY. FUNDING WILL BE USED TO BUILD AND ANALYZE A DATABASE ON SALMON POPULATIONS AND HABITAT ACROSS THE NORTH PACIFIC.	596,876.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
UNIVERSITY SYSTEM OF NEW HAMPSHIRE THE UNIVERSITY OF NEW HAMPSHIRE, MORSE HALL, 39 CO DURHAM, NH 03824-3525	NONE 501 (C) (3) 509 (A) (1)	TO ACQUIRE, CONFIGURE, TEST, AND DEPLOY A REVOLUTIONARY RADAR SYSTEM THAT IS CAPABLE OF OBSERVING DETAILED PHYSICAL PROCESSES THAT OCCUR DURING GLACIAL ICE FLOW AT THE OCEAN-ICE INTERFACE. FUNDING WILL BE USED TO DEVELOP AN INTERFEROMETRIC SYSTEM THAT HAS A MUCH FINER SPATIAL AND TEMPORAL RESOLUTION THAN ANY CURRENT METHOD, AND TO PERFORM OBSERVATIONS AT TWO CLIMATICALLY IMPORTANT GLACIERS IN GREENLAND:	630,000.
VANDERBILT UNIVERSITY 1211 MEDICAL CENTER DRIVE NASHVILLE, TN 37232	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A PORTFOLIO OF NATIONAL NURSING WORKFORCE RESEARCH USING THREE NATIONAL DATASETS, WITH THE GOAL OF DEVELOPING IMPROVED EMPIRICAL ESTIMATES OF FUTURE NATIONAL AND REGIONAL REGISTERED NURSING WORKFORCE NEEDS. THE RESEARCH WILL PROVIDE NEW ESTIMATES OF THE FACTORS THAT AFFECT RN LABOR FORCE PARTICIPATION AND WILL UPDATE ESTIMATES OF THE FUTURE SUPPLY OF RNS. THE FINDINGS FROM THIS RESEARCH WILL BE SUBMITTED TO PEER-REVIEWED JOURNALS AND DISSEMINATED NATIONALLY.	500,000.
VMC FOUNDATION 5555 W. LAS POSITAS BLVD PLEASANTON, CA 94588	NONE 501 (C) (3) 509 (A) (1)	TO ACHIEVE MAGNET RECOGNITION, A DESIGNATION BY THE AMERICAN NURSES CREDENTIALING CENTER OF EXCELLENCE IN NURSING CARE, AND IMPROVED PATIENT OUTCOMES THROUGH IMPLEMENTATION OF EVIDENCE-BASED NURSING PRACTICES THROUGHOUT THE SANTA CLARA VALLEY MEDICAL CENTER.	250,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WAKE FOREST UNIVERSITY 1834 WAKE FOREST ROAD WINSTON-SALEM, NC 27106	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ANDES BIODIVERSITY AND ECOSYSTEMS RESEARCH GROUP SCIENTIFIC CONSORTIUM, TOWARD BUILDING THE FIRST FIELD ECOSYSTEM SERVICES LABORATORY IN THE ANDES AMAZON REGION, AND SIGNIFICANTLY INCREASE THE CONSORTIUM'S RESEARCH CAPACITY ON INTEGRATED ECOSYSTEM SERVICES AND CLIMATE CHANGE ALONG THE EASTERN SLOPES OF THE TROPICAL ANDES.	238,513.
WASHINGTON HOSPITAL FOUNDATION 2000 MOWRY AVENUE FREMONT, CA 94538-1716	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A MAGNET READINESS PROGRAM, INCLUDING EDUCATION AND ROLLOUT OF EVIDENCE-BASED PRACTICES, NURSING-LED RESEARCH ON THE ROLE OF RAPID RESPONSE TEAMS IN CONTINUING CLINICAL EDUCATION AND EDUCATION ON THE PROFESSIONAL ROLE OF THE NURSE, AND IS DESIGNED TO LEAD TO HOSPITAL- WIDE REDUCTION IN SEVERE SEPSIS MORTALITY RATES AND SUBMISSION OF THE HOSPITAL'S MAGNET APPLICATION.	100,000.
WATERSHED WATCH SALMON SOCIETY 1037 MADORE AVENUE V3K 3B7 COQUITLAM BC CANADA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF ADVANCING THE IMPLEMENTATION OF THE PACIFIC WILD SALMON POLICY IN BRITISH COLUMBIA, AS WELL AS IN APPLYING RIGOROUS SCIENCE AND MONITORING TO THE MITIGATION OF FISH FARM IMPACTS ON WILD SALMON.	289,140.
WESTCOAST AQUATIC MANAGEMENT ASSOCIATION #3-4310 10TH AVENUE V9Y 4X4 PORT ALBERNI BC CANADA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF DEVELOPMENT OF A REGIONAL MARINE SPATIAL PLANNING FRAMEWORK AND TO COMPLETE A PILOT MARINE SPATIAL PLAN IN CLAYOQUOT SOUND.	378,021.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WILD SALMON CENTER JEAN VOLLUM NATURAL CAPITAL CENTER, 721 NW NINTH A PORTLAND, OR 97209	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE CONSERVATION OF WILD SALMON AND WILD SALMON HABITAT IN KAMCHATKA, RUSSIA.	1,104,291.
WILD SALMON CENTER JEAN VOLLUM NATURAL CAPITAL CENTER, 721 NW NINTH A PORTLAND, OR 97209	NONE 501 (C) (3) 509 (A) (1)	TO FACILITATE THE TRANSFER OF INFORMATION, ENCOURAGE THE USE OF BEST MANAGEMENT PRACTICES, AND INTRODUCE BETTER TOOLS TO MANAGERS AND OTHER STAKEHOLDERS IN SALMON ECOSYSTEMS THROUGHOUT THE PACIFIC RIM.	690,875.
WILD SALMON CENTER JEAN VOLLUM NATURAL CAPITAL CENTER, 721 NW NINTH A PORTLAND, OR 97209	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A CONFERENCE ABOUT SALMON AND CLIMATE CHANGE. FUNDING WILL BE USED TO BRING TOGETHER THOUGHT LEADERS FROM ACADEMIA, MANAGEMENT AGENCIES, BUSINESS, AND NON-GOVERNMENTAL ORGANIZATIONS TO LOOK FOR PRACTICAL WAYS TO MINIMIZE THE POTENTIAL ADVERSE EFFECTS OF CLIMATE CHANGE ON SALMON ECOSYSTEMS.	187,293.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	NONE 501 (C) (3) 509 (A) (1)	FOR COMPLETING ESSENTIAL STEPS FOR THE EFFECTIVE MANAGEMENT OF PROTECTED AREAS EMBEDDED IN FIVE CONSERVATION LANDSCAPES IN BOLIVIA, PERU, ECUADOR, VENEZUELA AND BRAZIL; DEVELOPING BUSINESS PLANS AND SUSTAINABLE FINANCING PLANS FOR KEY PROTECTED AREAS IN THESE LANDSCAPES; AND DESIGNING SCIENCE- BASED, WATERSHED-SCALE STRATEGIES TO JOINTLY MITIGATE THREATS TO THE TERRESTRIAL AND AQUATIC COMPONENTS OF AMAZONIAN LANDSCAPES.	474,482.
WILDLIFE CONSERVATION SOCIETY	NONE	FOR EFFECTIVE PARTICIPATORY PROTECTED AREA MANAGEMENT IN FIVE CONSERVATION LANDSCAPES IN BOLIVIA, PERU, ECUADOR, VENEZUELA AND BRAZIL; DEVELOPMENT OF PROTOCOLS FOR ASSESSING THE EFFECTIVENESS OF MANAGEMENT IN PROTECTING	1,000,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 23 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
2300 SOUTHERN BOULEVARD BRONX, NY 10460	501 (C) (3) 509 (A) (1)	BIODIVERSITY AND FOREST COVER; AND DEVELOPMENT OF A NEW APPROACH TO ENVIRONMENTAL IMPACT ASSESSMENTS FOCUSING ON THE CUMULATIVE IMPACTS OF INFRASTRUCTURE DEVELOPMENT ON ECOLOGICAL PROCESSES. FUNDING WILL BE USED TO FINALIZE MANAGEMENT PLANS, BUILD CAPACITY FOR LOCAL COMMUNITIES TO IMPLEMENT AND MONITOR MANAGEMENT PLANS, SECURE ALTERNATIVE SOURCES OF FUNDING FOR PROTECTED AREA MANAGEMENT, ADAPT CONSERVATION STRATEGIES TO EMERGING THREATS FROM CLIMATE CHANGE AND INFRASTRUCTURE, AND DEVELOP WEB-BASED TOOLS FOR THE ASSESSMENT OF INFRASTRUCTURE IMPACTS ON BASIN-WIDE FISH MIGRATION PROCESSES.	
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE COMPLETION OF THE CORE COMPONENTS OF THE MIRADI ADAPTIVE MANAGEMENT SOFTWARE, THUS ALLOWING CONSERVATION PRACTITIONERS TO PLAN AND IMPLEMENT PROJECTS MORE EFFICIENTLY AND EFFECTIVELY.	307,534.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP IN SITU SORTING AND OBSERVATIONAL TECHNOLOGIES OF INDIVIDUAL PHYTOPLANKTON CELLS. OUTPUTS INCLUDE TIME-SERIES DEPLOYMENTS OF THE FLOWCYTOBOT AND IMAGING FLOWCYTOBOT INSTRUMENTS AND ENHANCEMENTS TO THE TECHNOLOGIES THAT AUTOMATE THEIR ABILITY TO IDENTIFY, SORT, AND ASSESS THE PHYSIOLOGICAL STATUS OF PHYTOPLANKTON CELLS. THESE FLOW CYTOMETRY TOOLS WILL PROVIDE A DEEPER UNDERSTANDING OF THE REGULATION OF PHYTOPLANKTON SPECIES COMPOSITION AND THEIR PHOTOSYNTHETIC PRODUCTIVITY.	367,657.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF IDENTIFYING DISSOLVED ORGANIC COMPOUNDS PRODUCED BY ONE GROUP OF MARINE MICROBES (PHOTOAUTOTROPHS) AND CONSUMED BY OTHER GROUPS OF MARINE MICROBES (HETEROTROPHS) TO BETTER UNDERSTAND THE LINKS BETWEEN MARINE MICROBIAL DIVERSITY, METABOLISM, AND BIOGEOCHEMICAL CYCLES. DISSOLVED ORGANIC COMPOUNDS FROM CONTROLLED LABORATORY CULTURE EXPERIMENTS WILL PROVIDE PROOF OF CONCEPT AND SUPPORT FOR LATER ENVIRONMENTAL FIELD SAMPLE COMPOUND IDENTIFICATION WITH THE ULTIMATE GOAL OF LINKING DISSOLVED ORGANIC MATERIAL COMPOSITION TO MARINE MICROBIAL METABOLISM AND DIVERSITY IN THE ENVIRONMENT.	243,548.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF ADVANCES IN IMAGING INFORMATICS IN THE FIELD OF OCEANOGRAPHY. FUNDING SUPPORTS NEW KNOWLEDGE ABOUT MARINE ECOSYSTEMS THROUGH INNOVATIVE INFORMATICS APPROACHES, WHICH INFUSE DATA INTEGRATION CAPABILITIES INTO OCEAN SENSOR SYSTEMS AND ARE DESIGNED VIA SCIENTIST-INFORMATICIST PARTNERSHIPS.	700,000.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	TO ENABLE A GREATER UNDERSTANDING OF TRACE METALS AND METALLOENZYMES IN OCEANIC BIOGEOCHEMICAL CYCLES. BY COMBINING CUTTING-EDGE PROTEOMIC TOOLS WITH TRACE METAL ANALYSIS TECHNIQUES, THIS PROJECT AIMS TO ADVANCE THE UNDERSTANDING OF BIOGEOCHEMICAL CYCLES BY IDENTIFYING AND QUANTIFYING THE ABUNDANCE OF KEY MICROBIAL METALLOENZYMES IN OXYGEN MINIMUM ZONES CONCURRENTLY WITH TRACE METAL ANALYSES.	253,754.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 23 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF ENGINEERING, TESTING, AND DEPLOYING A NOVEL SAMPLING SYSTEM FOR MINERAL PARTICLES AND MICROBIAL CELLS THAT PRESERVES THE DELICATE CHEMICAL AND GENETIC FEATURES OF THE SAMPLES AT THE TIME OF COLLECTION. THIS EQUIPMENT WILL ENABLE HIGH PRECISION SPATIAL AND TEMPORAL OBSERVATIONS IN A RANGE OF AQUATIC ENVIRONMENTS TO FURTHER THE RESEARCH COMMUNITY'S UNDERSTANDING OF COMPLEX MICROBIAL AND GEOCHEMICAL INTERACTIONS.	252,165.
WOODS HOLE RESEARCH CENTER INC. PO BOX 296 WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (1)	FOR THE DESIGN AND IMPLEMENTATION OF THE ECOLOGICAL, ECONOMIC, POLICY, AND INSTITUTIONAL FRAMEWORKS FOR THE SUSTAINABLE CO-MANAGEMENT OF LOWER AMAZON FLOODPLAIN ECOSYSTEMS. THE PROJECT WILL BE EXECUTED IN KEY LOWER AMAZONIAN MUNICIPALITIES BY LOCAL COMMUNITIES AND OTHER STAKEHOLDERS IN COLLABORATION WITH MUNICIPAL, STATE AND FEDERAL GOVERNMENT AGENCIES, ENHANCING THE PROTECTION OF NATURAL RESOURCES AND BIODIVERSITY WHILE ADDRESSING THE LIVELIHOOD NEEDS OF RESIDENT POPULATIONS.	495,319.
WOODS HOLE RESEARCH CENTER INC. PO BOX 296 WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (1)	FOR THE DESIGN AND IMPLEMENTATION OF THE ECOLOGICAL, ECONOMIC, POLICY AND INSTITUTIONAL FRAMEWORKS FOR THE SUSTAINABLE CO-MANAGEMENT OF LOWER AMAZON FLOODPLAIN ECOSYSTEMS. THE PROJECT WILL BE EXECUTED IN KEY LOWER AMAZONIAN MUNICIPALITIES BY LOCAL COMMUNITIES AND OTHER STAKEHOLDERS IN COLLABORATION WITH MUNICIPAL, STATE AND FEDERAL GOVERNMENT AGENCIES, ENHANCING THE PROTECTION OF NATURAL RESOURCES AND BIODIVERSITY WHILE ADDRESSING THE LIVELIHOOD NEEDS OF RESIDENT POPULATIONS.	446,833.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WOODS HOLE RESEARCH CENTER INC. PO BOX 296 WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP A PAN-TROPICAL BASELINE FOREST COVER AND ASSOCIATED ABOVE-GROUND BIOMASS STOCKS DATA SETS AND MAPS DERIVED FROM HIGH-RESOLUTION, CLOUD-FREE RADAR IMAGERY FROM THE JAPANESE ADVANCED LAND OBSERVING SATELLITE. KNOWLEDGE GAINED FROM THIS GRANT WILL SUPPORT AND PROMOTE THE ECONOMIC INTERNALIZATION OF BENEFITS FROM CARBON CONTAINED IN THE BIOMASS OF STANDING TROPICAL FORESTS.	564,718.
WOODS HOLE RESEARCH CENTER INC. PO BOX 296 WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (1)	FOR THE COLLECTION OF FUNDAMENTAL DATA ON FOREST DIEBACK, CARRYING OUT NEW EXPERIMENTAL FIELD STUDIES OF FOREST RESPONSE TO FIRE AND DEVELOPING NOVEL NUMERICAL MODELING REPRESENTATIONS OF AMAZON FOREST SUSCEPTIBILITY TO SAVANNIZATION PROCESSES AND ASSOCIATED CHANGES IN CLIMATE, SOIL NUTRIENTS, CARBON FLUXES AND HYDROLOGY.	907,879.
WOODS HOLE RESEARCH CENTER INC. PO BOX 296 WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (1)	FOR THE COLLECTION OF FUNDAMENTAL DATA ON FOREST DIEBACK, CARRYING OUT NEW EXPERIMENTAL FIELD STUDIES OF FOREST RESPONSE TO FIRE AND DEVELOPING NOVEL NUMERICAL MODELING REPRESENTATIONS OF AMAZON FOREST SUSCEPTIBILITY TO SAVANNIZATION PROCESSES AND ASSOCIATED CHANGES IN CLIMATE, SOIL NUTRIENTS, CARBON FLUXES AND HYDROLOGY.	111,476.
WOODS HOLE RESEARCH CENTER INC.	NONE	IN SUPPORT OF AN ANALYSIS AND PLANNING TOOLS FOR REDUCING DEFORESTATION AND FOREST DEGRADATION AND ASSOCIATED GREENHOUSE GAS EMISSIONS IN THE TRI-NATIONAL MADRE DE DIOS, ACRE, PANDO REGION OF THE ANDES-AMAZON BASIN, CURRENTLY UNDER THREAT BY THE PLANNED PAVING OF THE INTER-OCEANIC HIGHWAY. THE PROJECT WILL ESTABLISH A CONSULTATION AND	156,393.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PO BOX 296 WOODS HOLE, MA 02543	501 (C) (3) 509 (A) (1)	CAPACITY BUILDING PROCESSES WITH THE STAKEHOLDERS IN THE REGION WHO WILL BOTH IMPLEMENT MEASURES TO REDUCE DEFORESTATION AND RECEIVE COMPENSATION FOR CARBON CREDITS GENERATED FROM THIS REDUCTION.	
WOODS HOLE RESEARCH CENTER INC. PO BOX 296 WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE NATIONAL GOVERNMENT OF BRAZIL'S RECENT COMMITMENT WITHIN UN CLIMATE TREATY NEGOTIATIONS TO REDUCE EMISSIONS FROM LAND USE.	1,200,000.
WORLD MEDIA FOUNDATION INC. 20 HOLLAND STREET SOMERVILLE, MA 02144	NONE 501 (C) (3) 509 (A) (1)	TO INCREASE CLIMATE LITERACY AND AWARENESS IN THE UNITED STATES AND ABROAD VIA NEWS STORIES FOCUSED ON REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD) AND BROADCAST ON THE AWARD-WINNING SERIES LIVING ON EARTH. PARTICULARLY AMONG TARGET DOMESTIC AND INTERNATIONAL AUDIENCES OF STAKEHOLDERS, NEGOTIATORS AND POLITICALLY ENGAGED CIVIL SOCIETY, THESE NEWS STORIES WILL RESULT IN A BROADER UNDERSTANDING OF THE CRITICAL ROLE THE UNITED STATES WILL HAVE IN UPCOMING UNITED NATIONS FOUNDATIONS CONVENTION ON CLIMATE CHANGE NEGOTIATIONS, ULTIMATELY INCREASING THE LIKELIHOOD THAT REDD IS AN EFFECTIVE MECHANISM WITHIN THE POST-KYOTO CLIMATE TREATY.	285,154.
WORLD MEDIA FOUNDATION INC.	NONE	TO INCREASE CLIMATE LITERACY AND AWARENESS IN THE UNITED STATES AND ABROAD VIA NEWS STORIES FOCUSED ON REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD) AND BROADCAST ON THE AWARD-WINNING SERIES LIVING ON EARTH. PARTICULARLY AMONG TARGET DOMESTIC AND INTERNATIONAL AUDIENCES OF STAKEHOLDERS, NEGOTIATORS AND POLITICALLY ENGAGED CIVIL SOCIETY, THESE NEWS STORIES WILL RESULT IN A BROADER UNDERSTANDING OF THE CRITICAL	124,144.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
20 HOLLAND STREET SOMERVILLE, MA 02144	501 (C) (3) 509 (A) (1)	ROLE THE UNITED STATES WILL HAVE IN UPCOMING UNITED NATIONS FOUNDATIONS CONVENTION ON CLIMATE CHANGE NEGOTIATIONS, ULTIMATELY INCREASING THE LIKELIHOOD THAT REDD IS AN EFFECTIVE MECHANISM WITHIN THE POST-KYOTO CLIMATE TREATY.	
WORLD WILDLIFE FUND CANADA #1588-409 GRANVILLE STREET V6C 1T2 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	FOR THE DEVELOPMENT OF SCIENCE AND MANAGEMENT TOOLS AND BUSINESS AND ECONOMIC SOLUTIONS TO ADVANCE MARINE SPATIAL PLANNING IN SUPPORT OF THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA INITIATIVE.	205,063.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501 (C) (3) 509 (A) (1)	TO PROMOTE SUSTAINABLE FISHERIES PRACTICES IN KAMCHATKA.	863,716.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501 (C) (3) 509 (A) (1)	TO FINALIZE DATA COLLECTION AND PUBLISH MANUSCRIPTS ON THE SPATIAL AND HABITAT NEEDS OF KEYSTONE VERTEBRATE SPECIES IN THE SOUTHERN PERUVIAN AMAZON. THIS RESEARCH WILL ADVANCE THE SCIENTIFIC BASIS FOR THE MINIMUM AREA AND HABITAT REQUIREMENTS NECESSARY FOR ESTABLISHING AND MAINTAINING FUNCTIONAL PROTECTED AREAS AND CONSERVATION LANDSCAPES IN THE AMAZON.	150,000.
WORLD WILDLIFE FUND, INC.	NONE	THIS RENEWAL GRANT SUPPORTS PHASE III OF THE WORLD WILDLIFE FUND'S AMAZON HEADWATERS INITIATIVE AIMED AT PROTECTING AND EFFECTIVELY MANAGING LARGE BLOCKS OF PROTECTED AREAS IN THE SOUTHWESTERN HEADWATERS OF THE AMAZON BASIN. SPECIFICALLY, THIS GRANT WILL ACHIEVE THE BASIC CONSOLIDATION OF 10 PRIORITY PROTECTED AREAS COVERING A TOTAL OF 10.4 MILLION HECTARES IN PERU, BOLIVIA AND BRAZIL;	1,699,417.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
1250 TWENTY-FOURTH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	501 (C) (3) 509 (A) (1)	THE CREATION OF A NEW PROTECTED AREA IN BRAZIL TOTALING 100,000 HECTARES, AND THE DEVELOPMENT OF FINANCIAL BUSINESS PLANS FOR TWO SITES IN BOLIVIA TOTALING 182,000 HECTARES.	
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501 (C) (3) 509 (A) (1)	FOR THE EDUCATION FOR NATURE (EFN) PROGRAM TO ESTABLISH PERMANENT TRAINING CAPACITY FOR PARK GUARDS IN FOUR ANDEAN COUNTRIES AND IMPROVE THE SKILLS OF THE EXISTING PARK GUARD FORCE IN THREE ANDEAN COUNTRIES. IT WILL INCREASE THE INSTITUTIONAL CAPACITY FOR PROTECTED AREA MANAGEMENT IN THESE COUNTRIES BY PROVIDING JOB PLACEMENT ASSISTANCE TO FORMER EFN FELLOWSHIP RECIPIENTS AND GRADUATE FELLOWSHIPS IN FIELDS OF STUDY RELATED TO PROTECTED AREA MANAGEMENT AT PRESELECTED UNIVERSITIES.	438,222.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501 (C) (3) 509 (A) (1)	TO BUILD AN EXEMPTION INTO THE BRAZILIAN INCOME TAX SYSTEM FOR CONTRIBUTIONS BY INDIVIDUALS AND CORPORATIONS TO QUALIFYING ENVIRONMENTAL PROJECTS BEING IMPLEMENTED BY NATIONAL ENVIRONMENTAL FUNDS, STATE ENVIRONMENTAL FUNDS AND NON-GOVERNMENTAL ORGANIZATIONS.	50,000.
WORLD WILDLIFE FUND, INC.	NONE	IN SUPPORT OF ANALYZING THE EXTENT, PATTERNS, TRENDS, AND CAUSES OF PROTECTED AREA DOWNGRADING, DOWNSIZING, AND DEGAZETEMENT (PADDD), A WIDESPREAD, BUT LARGELY OVERLOOKED, TREND IN CONSERVATION. EXPLORING THE CONSERVATION IMPLICATIONS OF PADDD WILL SERVE TO BETTER INFORM CONSERVATION PRACTICES AND EMERGING CONSERVATION POLICIES, ULTIMATELY RESULTING IN MORE ROBUST, RESILIENT, AND TARGETED STRATEGIES FOR CLIMATE	357,191.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
1250 TWENTY-FOURTH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	501 (C) (3) 509 (A) (1)	CHANGE MITIGATION AND BIODIVERSITY CONSERVATION.	
FUNDO BRASILEIRO PARA A BIODIVERSIDADE RIO DE JANEIRO - RJ BRAZIL	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF THE 12TH ANNUAL GENERAL ASSEMBLY MEETING OF THE LATIN AMERICA AND CARIBBEAN NETWORK OF ENVIRONMENTAL FUNDS.	20,000.
INSTITUTO DE PESQUISA AMBIENTAL DA AMAZONIA AVENIDA NAZARE 669 66035-170 BELEM PARA BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT THE SIMULCAST OF THEIR ANNUAL CONFERENCE TO ALLOW INTERESTED NON-ATTENDEES PARTICIPATION IN THE 'LAW AND CLIMATE CHANGE' PORTION OF THE CONFERENCE.	13,500.
INSTITUTO FLORESTA TROPICAL RUA DOS MUNDURUCUS, 1613 BAIRRO: 66025-660 BELEM PARA BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT A PARTNERSHIP BETWEEN SETTLEMENTS, GOVERNMENT AND INDUSTRY TO STABILIZE THE FOREST FRONTIER.	50,000.
PATRIMONIO NATURAL FONDO PARA LA BIODIVERSIDAD Y A EDIFICIO CENTRO AVENIDA DE CHILE, P BOGOTA COLOMBIA	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT THE DEVELOPMENT OF A SUSTAINABLE FINANCE ANALYSIS AND PLAN FOR THE SYSTEM OF PROTECTED AREAS IN COLOMBIA.	25,000.
SUSTAINABLE MARKETS FOUNDATION 45 WEST 36TH STREET, 6TH FLOOR NEW YORK, NY 10018-7635	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 'WHAT IS MISSING?' MEMORIAL.	30,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ACADEMY HEALTH 1150 17TH ST NW, SUITE 600 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
ACADEMY HEALTH 1150 17TH ST NW, SUITE 600 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE 2010 INTERDISCIPLINARY RESEARCH GROUP ON NURSING ISSUES MEETING AND RELATED NEW INVESTIGATOR AND RESEARCH MENTOR AWARDS.	1,500.
ALAMEDA COUNTY MEDICAL CENTER 1411 EAST 31ST STREET OAKLAND, CA 94602	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT ALAMEDA COUNTY MEDICAL CENTER'S PURCHASE OF A PROMPT BIRTHING SIMULATOR. ALAMEDA COUNTY MEDICAL CENTER WILL USE THE OB DELIVERY SIMULATOR FOR SHOULDER DYSTOCIA DRILLS AND INTERDISCIPLINARY OB EMERGENCY DRILLS, WHICH WILL IMPROVE MEDICAL STUDENT, RESIDENT, PROVIDER, AND NURSING EDUCATION AND ULTIMATELY, MATERNAL AND CHILD PATIENT OUTCOMES.	7,125.
AMERICAN DIABETES ASSOCIATION, INC. 1900 POWELL ST, SUITE 120 EMERYVILLE, CA 94608	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
CENTER FOR QUALITY SYSTEMS IMPROVEMENT 1688 ORVIETTO DRIVE ROSEVILLE, CA 95661-3981	NONE 501 (C) (3) 509 (A) (1)	TO PROVIDE TECHNICAL ASSISTANCE TO CHINESE HOSPITAL, ST. MARY'S MEDICAL CENTER, UCSF MEDICAL CENTER, AND VALLEYCARE MEDICAL CENTER WHO ARE PARTICIPATING IN THE HEART FAILURE DISCHARGE PLANNING COLLABORATIVE PROGRAM TO REDUCE READMISSION RATES FOR HEART FAILURE PATIENTS.	35,000.
DREXEL UNIVERSITY	NONE	TO SUPPORT THE 11TH STREET CORRIDOR HEALTH CENTER, A COMMUNITY ORIENTED PRIMARY CARE CENTER IN NORTH PHILADELPHIA SERVING THE RESIDENTS OF PUBLIC HOUSING DEVELOPMENTS WITH A WIDE VARIETY OF HEALTH AND WELLNESS SERVICES, INCLUDING PHYSICAL EXAMS,	2,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
850 N. 11TH STREET PHILADELPHIA, PA 19123	501 (C) (3) 509 (A) (1)	DIAGNOSIS AND TREATMENT OF ILLNESS, DISEASE PREVENTION SERVICES, ETC.	
FIRST HAND FOUNDATION 2800 ROCKCREEK PARKWAY KANSAS CITY, MO 64117	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF EFFORTS TO IMPROVE THE HEALTH OF CHILDREN THROUGH FUNDING CLINICAL NECESSITIES, MEDICAL EQUIPMENT AND RELATED TRAVEL.	3,000.
GRANTMAKERS IN HEALTH 1100 CONNECTICUT AVENUE NW, SUITE 1200 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	TO PROVIDE EDUCATIONAL PROGRAMS, MATERIALS, STRATEGIC ADVICE, AND TECHNICAL ASSISTANCE THROUGHOUT THE YEAR TO TRUSTEES AND STAFF WORKING IN HEALTH PHILANTHROPY.	5,500.
HOSPITAL COMMITTEE FOR THE LIVERMORE-PLEASANTON AR 5575 W. LAS POSITAS, SUITE 300 PLEASANTON, CA 94588	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT AN EXTERNAL MAGNET READINESS ASSESSMENT FOR THE MAGNET JOURNEY AT VALLEYCARE HEALTH SYSTEM.	15,000.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE SOLDIERS FIELD BOSTON, MA 02163	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RESEARCH TO DEVELOP AND VALIDATE A SURVEY INSTRUMENT TO MEASURE WORK-AROUND CULTURE IN THE ACUTE-CARE HOSPITAL SETTING. RESEARCH FINDINGS WILL BE PRESENTED AT NATIONAL MEETINGS AND/OR PUBLISHED IN RESEARCH JOURNALS.	5,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 4150 CLEMENT STREET, 151 NC SAN FRANCISCO, CA 94121	NONE UNIT OF GOVERNMENT	TO SUPPORT THE OVER-SAMPLING (FOR SAN FRANCISCO BAY AREA AND GREATER SACRAMENTO NURSES), EXTRACTION AND DATA ANALYSIS OF THE CALIFORNIA BOARD OF REGISTERED NURSING SURVEY OF REGISTERED NURSES IN CALIFORNIA.	65,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 417-L UNIVERSITY HALL, #7360 BERKELEY, CA 94720-7360	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE 14TH ANNUAL PUBLIC HEALTH HEROES AWARDS CEREMONY, WHICH WAS ESTABLISHED BY UC BERKELEY SCHOOL OF PUBLIC HEALTH TO BROADEN THE PUBLIC'S AWARENESS OF THE IMPORTANT ISSUES IN PUBLIC HEALTH.	3,250.
RESOURCES FOR HUMAN DEVELOPMENT, INC. 4700 WISSAHICKON AVENUE, BOX 110, SUITE 118 PHILADELPHIA, PA 19144-4248	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,500.
SAN FRANCISCO HEALTH AUTHORITY 201 THIRD STREET, 7TH FLOOR SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	TO IMPROVE THE OPERATIONAL AND MANAGEMENT SKILLS OF THE SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH PRIMARY CARE CLINIC AND CONSORTIA CLINIC LEADERSHIP TEAMS.	30,000.
TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 418 CURIE BOULEVARD PHILADELPHIA, PA 19104	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ADVANCEMENT OF THE UNIVERSITY OF PENNSYLVANIA, SCHOOL OF NURSING'S LEADERSHIP IN NURSING SCIENCE, EDUCATION, AND PRACTICE.	5,000.
UNIVERSITY OF COLORADO FOUNDATION 1380 LAWRENCE STREET, SUITE 1325 DENVER, CO 80204	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A WHITE PAPER ON TRANSLATING HEALTHCARE INNOVATION INTO PRACTICE, USING THE CARE TRANSITIONS MODEL AS A CASE EXAMPLE.	12,000.
CALIFORNIA STATE UNIVERSITY 6000 J STREET SACRAMENTO, CA 95819-6103	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE CALIFORNIA AND WORLD OCEAN CONFERENCE 2010, A UNIQUE OPPORTUNITY TO BRING TOGETHER REPRESENTATIVES FROM GOVERNMENT, ACADEMIA, INDUSTRY, AND THE PUBLIC TO SHARE IDEAS AND FORMULATE ACTION STRATEGIES FOR THE 21ST CENTURY.	25,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CONSULTATIVE GROUP ON BIOLOGICAL DIVERSITY PRESIDIO BUILDING 1016 PO BOX 29361 SAN FRANCISCO, CA 94129-0361	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A CONSULTATIVE GROUP ON BIOLOGICAL DIVERSITY-SPONSORED MEETING TO BRIEF FUNDERS ON OCEAN ACIDIFICATION.	20,000.
CONSULTATIVE GROUP ON BIOLOGICAL DIVERSITY PRESIDIO BUILDING 1016 PO BOX 29361 SAN FRANCISCO, CA 94129-0361	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ANNUAL MEETING WORKSHOP. HEALTH HEROES AWARDS CEREMONY.	1,500.
FLORIDA LEADERSHIP AND EDUCATION FOUNDATION, INC. UNIVERSITY OF FLORIDA / IFAS, PO BOX 110750 (BLDG GAINESVILLE, FL 32611-0750	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF BRINGING TOGETHER GOVERNMENT, NON-GOVERNMENT ORGANIZATIONS, ACADEMIA, TRIBAL, AND PRIVATE SECTOR LEADERS WHO ARE INTERESTED IN NATURAL SYSTEMS AND THEIR RELATIONSHIP WITH THE BUILT ENVIRONMENT.	25,000.
INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND 28 RUE MAUVERNEY, CH-1196 GLAND SWEDEN	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF A BOOK THAT BRINGS FORWARD RECENT RESULTS FROM COUNTRIES IN ASIA AND AFRICA THAT ARE INTRODUCING ACTIONS THAT ARE INITIATING AN UPWARD SPIRAL IN THE RECOVERY AND SUSTAINABLE DEVELOPMENT OF THE GOODS AND SERVICES OF LMES THAT ANNUALLY CONTRIBUTE AN ESTIMATED \$12.6 BILLION TO THE WORLD ECONOMY.	12,500.
MARINE FISH CONSERVATION NETWORK 600 PENNSYLVANIA AVENUE, SE #210 WASHINGTON, DC 20003	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF LEGAL TRAINING BY ALLIANCE FOR JUSTICE.	2,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 735 STATE STREET, SUITE 300 SANTA BARBARA, CA 93101	NONE UNIT OF GOVERNMENT	IN SUPPORT OF A WORKSHOP TO BRING TOGETHER DECISION SUPPORT TOOL DEVELOPERS TO UNDERSTAND THE CAPABILITIES OF TOOLS DESIGNED TO ADDRESS TRADEOFFS AND CUMULATIVE IMPACTS OF MULTIPLE HUMAN USES WITHIN A MARINE SPATIAL PLANNING FRAMEWORK.	13,376.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
THE NATIONAL COUNCIL FOR SCIENCE AND THE ENVIRONME 1101 17 ST. NW #250 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 11TH NATIONAL CONFERENCE ON SCIENCE, POLICY AND THE ENVIRONMENT: OUR CHANGING OCEANS WHICH WILL PROVIDE A FORUM TO ADDRESS THE CRISIS FACING OUR OCEANS, NEW KNOWLEDGE AND INNOVATIVE TOOLS TO ADDRESS THE CHALLENGE, AND THE POLICY AND GOVERNANCE NEEDED TO RESTORE AND PROTECT THE OCEANS.	50,000.
TIDES CENTER PO BOX 29907 SAN FRANCISCO, CA 94129	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE PARTICIPATION OF SCIENTISTS IN COMMUNICATION TRAINING AROUND ECOSYSTEM SERVICES.	7,500.
WESTCOAST AQUATIC MANAGEMENT ASSOCIATION #3-4310 10TH AVENUE V9Y 4X4 PORT ALBERNI BC CANADA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF THE WEST COAST VANCOUVER ISLAND MARINE SPATIAL PLANNING PROCESS.	10,000.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 5TH ANNUAL KATHYRN S. FULLER SYMPOSIUM: SOLVING THE MYSTERY OF MPA PERFORMANCE WHERE THE SCIENCE OF MARINE PROTECTED AREAS AS A FOUNDATION FOR BOTH SCIENCE-BASED POLICY AND POLICY-RELEVANT SCIENCE WILL BE REVIEWED.	30,000.
AMERICAN SOCIETY FOR MICROBIOLOGY 1752 N STREET, NW WASHINGTON, DC 20036-2804	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF EDUCATING THE MICROBIOLOGIST OF THE FUTURE: THE ROLE OF SUMMER COURSES.	40,000.
AMERICAN SOCIETY FOR MICROBIOLOGY 1752 N STREET, NW WASHINGTON, DC 20036-2804	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF A COLLOQUIUM TO IDENTIFY SPECIFIC EFFORTS AND ACTIVITIES THAT WILL LEAD TO IMPROVED INTEGRATION OF MICROBIAL BIOLOGY, BIOGEOCHEMISTRY AND CLIMATE SCIENCE.	15,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
BIGELOW LABORATORY FOR OCEAN SCIENCES 180 MCKOWN POINT ROAD WEST BOOTHBAY HARBOR, MA 04575-0475	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A WORKSHOP TO CONVENE SCIENTISTS WHO DEVELOP, USE, OR PLAN TO USE MICROBIAL SINGLE CELL GENOMICS TECHNOLOGIES, THEREBY ENABLING THIS NEW COMMUNITY OF RESEARCHERS TO EXCHANGE IDEAS AND QUICKEN ITS PACE OF PROGRESS.	20,000.
J. DAVID GLADSTONE INSTITUTES 1650 OWENS STREET SAN FRANCISCO, CA 94158-2261	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A POST-DOCTORAL FELLOW WORKING ON METAGENOMIC DATA.	24,500.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY, OFFICE OF F 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02139	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A MEETING TO DEVELOP A DEEPER UNDERSTANDING OF HOW MARINE MICROORGANISMS INTERACT WITH AND DEPEND ON THEIR PHYSICO-CHEMICAL MICROENVIRONMENTS, TOWARDS THE ULTIMATE GOAL OF LINKING STRUCTURE AND FUNCTION OF MARINE MICROBIAL COMMUNITIES.	20,000.
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, ROOM KECK 1049 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ANNUAL ROGER REVELLE COMMEMORATIVE LECTURE.	15,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MC 0043 LA JOLLA, CA 92093-0043	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE 9TH INTERNATIONAL GENOMIC STANDARDS CONSORTIUM WORKSHOP.	25,000.
UNIVERSITY CORP ATMO P.O. BOX 3000 BOULDER, CO 80307	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A CONFERENCE ON VIBRIO ECOLOGY AND PATHOGENESIS OF HUMANS AND MARINE ANIMALS.	5,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
UNIVERSITY OF TEXAS SYSTEM 750 CHANNEL VIEW DRIVE PORT ARANSAS, TX 78373	NONE UNIT OF GOVERNMENT	IN SUPPORT OF YOUNG SCIENTIST ATTENDANCE AT THE 6TH HARMFUL ALGAL BLOOM SYMPOSIUM.	5,000.
UNIVERSITY OF WASHINGTON BOX 357940 SEATTLE, WA 98195-7940	NONE UNIT OF GOVERNMENT	TO SUPPORT METAGENOMIC SEQUENCING AND ANALYSIS OF MICROBIAL COMMUNITIES THAT RESIDE IN MULTI-YEAR SEA ICE COLLECTED FROM THE ARCTIC OCEAN.	5,500.
UNIVERSITY OF WASHINGTON PHYS/ASTRO BLDG., 3910 15TH AVENUE NE, ROOM C319 SEATTLE, WA 98195	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE ABGRADCON 2010 CONFERENCE.	10,000.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE IMBER IMBIZO II CONFERENCE, WHICH WILL REVIEW CURRENT KNOWLEDGE AND IDENTIFY KEY QUESTIONS FOR FUTURE RESEARCH.	15,000.
ASSOCIATION OF SCIENCE-TECHNOLOGY CENTERS INCORPOR 1025 VERMONT AVENUE NW, SUITE #500 WASHINGTON, DC 20005-6310	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE NOYCE LEADERSHIP FELLOWS. MARINE MICROBES: FROM GENES TO GLOBAL CYCLES	8,216.
ATLANTIC SALMON FEDERATION INC. PO BOX 807 CALAIS, ME 04619-0807	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE ASF DINNER HONORING YVON CHOUINARD.	4,775.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALIFORNIA STATE PARKS FOUNDATION 50 FRANCISCO STREET, SUITE 110 SAN FRANCISCO, CA 94133	NONE 501 (C) (3) 509 (A) (1)	FOR THEIR EFFORTS TO ENHANCE THE FINANCIAL STABILITY AND LONG-TERM STEWARDSHIP CAPACITY OF THE STATE PARKS, WITH A FOCUS ON THOSE IN THE BAY AREA.	25,000.
CENTER FOR INTERNATIONAL FORESTRY RESEARCH JALAN CIFO SITU GEDE BOGOR BARAT 16115 INDIA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF FOREST DAY 4 OF THE CONFERENCE OF THE PARTIES OF THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE (COP 16) IN CANCUN.	25,000.
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BLVD OAKLAND, CA 94619	NONE 501 (C) (3) 509 (A) (3)	IN SUPPORT OF THE CHABOT SPACE & SCIENCE CENTER'S REVITALIZATION AND LAUNCH OF A NEW INTERACTIVE WEBSITE.	50,000.
CONSULTATIVE GROUP ON BIOLOGICAL DIVERSITY PRESIDIO BUILDING 1016 PO BOX 29361 SAN FRANCISCO, CA 94129-0361	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. OCEAN AND COASTAL ECONOMY	50,000.
ENVIRONMENTAL GRANTMAKERS ASSOCIATION 475 RIVERSIDE DRIVE, SUITE 960 NEW YORK, NY 10115	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	60,000.
GOLDEN GATE AUDUBON SOCIETY INC. 2530 SAN PABLO AVENUE, SUITE G BERKELEY, CA 94702	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF A NATURAL COMMUNITIES CONSERVATION PLAN FOR THE ALTMONT PASS WIND GENERATION AREA, SUPPORT FOR THE IMPACT LIVESTOCK MITIGATION PLAN.	4,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
INDIANA UNIVERSITY 513 N PARK BLOOMINGTON, IN 47408	NONE UNIT OF GOVERNMENT	IN SUPPORT OF ELINOR OSTROM'S PARTICIPATION AS A SPEAKER AT THE MOORE, MACARTHUR, AND CARGILL RETREAT.	2,000.
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, ROOM KECK 1049 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF TWO PLANNING WORKSHOPS (1) TO FACILITATE THE ESTABLISHMENT OF A LIFE SCIENCES ROUNDTABLE AND (2) TO DEVELOP A WORKSHOP FOR IMPLEMENTING A 'NEW BIOLOGY FOOD/ENERGY RESEARCH SYNERGY.'	50,000.
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, ROOM KECK 1049 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A PLANNING MEETING WITH EDUCATORS, ENTERTAINMENT LEADERS AND NAS AND NRC STAFF.	50,000.
POINT REYES BIRD OBSERVATORY 3820 CYPRESS DRIVE #11 PETALUMA, CA 94954	NONE 501 (C) (3) 509 (A) (1)	FOR PARTICIPATION IN THE BAY AREA ECOSYSTEM AND CLIMATE CHANGE CONSORTIUM.	10,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1 CENTENNIAL DRIVE BERKELEY, CA 94720-5200	NONE UNIT OF GOVERNMENT	IN SUPPORT OF A WEBSITE REDESIGN AND TO LAUNCH A COMMUNICATIONS STRATEGY.	50,000.
SAN FRANCISCO PARKS TRUST INC. 501 STANYAN STREET SAN FRANCISCO, CA 94117	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF BAY AREA OPEN SPACE COUNCIL WORKSHOPS FOCUSED ON INTEGRATING THE MOST CURRENT STATE OF CLIMATE CHANGE RESEARCH AND DATA INTO THE REGIONAL UPLAND HABITAT GOALS PROJECT.	24,690.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SAVE MOUNT DIABLO 1901 OLYMPIC BLVD. SUITE 220 WALNUT CREEK, CA 94596	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. STANDARDS CONSORTIUM WORKSHOP.	15,000.
SIERRA CASCADE LAND TRUST COUNCIL PO BOX 2101 NEVADA CITY, CA 95959	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE LARGEST GATHERING OF LAND TRUSTS AND LAND CONSERVATION ORGANIZATIONS IN CALIFORNIA	2,500.
SME EDUCATION FOUNDATION ONE SME DRIVE, P.O. BOX 930 DEARBORN, MI 48121-0930	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A PROGRAM THAT PREPARES YOUTH, PARTICULARLY MINORITIES AND FEMALES, TO SUCCEED IN THE FIELD OF SCIENCE AND TECHNOLOGY.	50,000.
SONOMA ECOLOGY CENTER P.O. BOX 1486 ELDRIDGE, CA 95431	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ESTABLISHMENT OF THE NORTH BAY CLIMATE ADAPTATION INITIATIVE.	10,000.
UNIVERSITY OF CALIFORNIA SAN FRANCISCO FOUNDATION UCSF BOX 0248 SAN FRANCISCO, CA 94143-0248	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF ENABLING GRADUATE STUDENTS TO GAIN HANDS-ON EXPERIENCE AND TO PROVIDE INTERNSHIP OPPORTUNITIES IN SCIENCE PROGRAM ADMINISTRATION, SCIENCE POLICY, SCIENCE EDUCATION AND CURRICULUM DEVELOPMENT CAREERS.	40,000.
UNIVERSITY OF MARYLAND BALTIMORE FOUNDATION INC. 620 W. LEXINGTON STREET BALTIMORE, MD 21201	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A WORKSHOP FOR GENOMICS, METAGENOMICS AND INFORMATION STANDARDS ADDRESSING THE CHALLENGES OF DEVELOPING INTERNATIONALLY ACCEPTED TECHNICAL STANDARDS FOR THE EFFECTIVE MANAGEMENT AND USE OF SEQUENCE INFORMATION AND ASSOCIATED METADATA.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE INVESTIGATION THE PUBLIC HEALTH IMPACTS OF ECOLOGICAL DEGRADATION	50,000.
ATLANTIC SALMON FEDERATION INC. PO BOX 807 CALAIS, ME 04619-0807	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE ATLANTIC SALMON FEDERATION DINNER HONORING YVON CHOUINARD.	4,750.
EARTH ECONOMICS 1121 TACOMA AVE. SOUTH TACOMA, WA 98402	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF AN AREA TAX DISTRICT RATIONALIZATION PROJECT IN WASHINGTON STATE'S WATER RESOURCE INVENTORY 9.	45,875.
INDIANA UNIVERSITY 513 N PARK BLOOMINGTON, IN 47408	NONE UNIT OF GOVERNMENT	SUPPORT FOR ELINOR OSTROM TO SPEAK AT THE 2010 WSEI GRANTEE WORKSHOP.	2,000.
SOCIETY FOR CONSERVATION BIOLOGY 1017 O STREET, NW WASHINGTON, DC 20001-4229	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SECOND INTERNATIONAL MARINE CONSERVATION CONGRESS.	50,000.
TIDES CENTER PO BOX 29907 SAN FRANCISCO, CA 94129	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE WORK OF THE COMMUNICATION PARTNERSHIP FOR SCIENCE AND THE SEA IN COMMUNICATING THE RECENT SCIENTIFIC FINDINGS ABOUT THE ECOLOGICAL PORTFOLIO EFFECT IN SALMON.	25,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
TROUT UNLIMITED 1300 N 17TH STREET, SUITE 500 ARLINGTON, VA 22209	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF HIGH WATERSHED PROTECTION STANDARDS AND INCENTIVES FOR THE IMPORT OF NEW HYDRO-ELECTRIC POWER FROM BRITISH COLUMBIA.	25,000.
TROUT UNLIMITED 1300 N 17TH STREET, SUITE 500 ARLINGTON, VA 22209	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF TROUT UNLIMITED'S 2010 SAN FRANCISCO GALA, MARCH 17, 2010. CLAYOQUOT SOUND.	10,000.
UNIVERSITY OF MONTANA 311 BIO STATION LANE POLSON, MT 59860-9659	NONE UNIT OF GOVERNMENT	TO PROVIDE SUPPORT FOR A WRITER TO ASSIST IN THE DEVELOPMENT OF A SERIES OF SALMON SCIENCE WHITE PAPERS.	21,000.
UNIVERSITY OF WASHINGTON 1122 NE BOAT STREET SEATTLE, WA 98105	NONE UNIT OF GOVERNMENT	TO PROVIDE SUPPORT FOR FRED UTTER TO HELP CO-AUTHOR A SERIES OF SCIENCE SYNTHESIS WHITE PAPERS WITH JIM AND LISA SEEB.	4,500.
UNIVERSITY OF WASHINGTON 1122 NE BOAT STREET SEATTLE, WA 98105	NONE UNIT OF GOVERNMENT	TO SUPPORT GORDON HOLTGRIEVE, A POST DOC AT THE UNIVERSITY OF WASHINGTON, TO HELP CO-AUTHOR A SERIES OF SCIENCE SYNTHESIS WHITE PAPERS WITH DANIEL SCHINDLER.	11,625.
ACHIEVEKIDS 3860 MIDDLEFIELD ROAD PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ACHIEVEMENT REWARDS FOR COLLEGE SCIENTISTS FOUNDAT P.O. BOX 29405 PRESIDIO OF SAN FRANCISCO SAN FRANCISCO, CA 94129	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE DEVELOPMENT OF OUTSTANDING YOUNG SCIENTISTS IN THE BAY AREA.	20,000.
ACTERRA ACTION FOR A SUSTAINABLE EARTH 3921 EAST BAYSHORE ROAD PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
ADVOCATES FOR CHILDREN 1515 S. EL CAMINO REAL, SUITE 201 SAN MATEO, CA 94402	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
ALLEN-CHASE FOUNDATION 271 PINE NOOK ROAD DEERFIELD, MA 01342	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT RENOVATION OF THE SPORTS CENTER.	80,000.
ANDREAS VOICE FOUNDATION 1383 ROSEWOOD LANE NAPA, CA 94558	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. ENGAGEMENT	5,000.
ANITA BORG INSTITUTE FOR WOMEN AND TECHNOLOGY 1501 PAGE MILL ROAD, MAIL STOP 1105 PALO ALTO, CA 94304	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ART IN ACTION 3925 BOHANNON DRIVE, SUITE 300 MENLO PARK, CA 94025	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. BRUNSWICK, NJ	10,000.
ARTHRITIS FOUNDATION INC. 657 MISSION STREET, SUITE 603 SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
AVENIDAS 450 BRYANT STREET PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
BAY NATURE INSTITUTE 1328 6TH STREET, SUITE 2 BERKELEY, CA 94710	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 10TH ANNIVERSARY RECEPTION AND SYMPOSIUM.	2,500.
BAYKEEPER 785 MARKET STREET, SUITE 850 SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
BOARDSOURCE 1828 L STREET NW, SUITE 900 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	40,000.

FORM 990PF, PART XIV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
BONNIE J ADDARIO A BREATH AWAY FROM THE CURE FOUND 1100 INDUSTRIAL ROAD, SUITE 1 SAN CARLOS, CA 94070	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
BULLIS-PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 W PORTOLA AVENUE, P.O. BOX 1642 LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE BULLIS CHARTER SCHOOL.	50,000.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF WORKSHOPS TO DEVELOP SEMANTIC MARKUP ELEMENTS IN THE SYSTEMATIC AND BIODIVERSITY SCIENCE PLOS HUB.	43,880.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
CALIFORNIA CHARTER SCHOOL CONSORTIUM 250 EAST 1ST STREET, SUITE 1000 LOS ANGELES, CA 90012	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE LEGAL DEFENSE FUND / FACILITIES ADVOCACY.	40,000.
CALIFORNIA GAME WARDENS FOUNDATION 2180 SAND HILL ROAD, SUITE 100 MENLO PARK, CA 94025	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALIFORNIA SHAKESPEARE THEATER 701 HEINZ AVENUE BERKELEY, CA 94710	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT THE CAL SHAKES CAPITAL CONSTRUCTION FUND.	10,000.
CANOPY TREES FOR PALO ALTO 3921 EAST BAY SHORE ROAD PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. CANCER: SAN FRANCISCO	10,000.
CAVU - CALM AIR VISIBILITY UNLIMITED 941 W. BYRD, SUITE 101 UNIVERSAL CITY, TX 78148	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
CENTER FOR EFFECTIVE PHILANTHROPY INC. 675 MASSACHUSETTS AVE, 7TH FLOOR CAMBRIDGE, MA 02139	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	50,000.
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BLVD OAKLAND, CA 94619	NONE 501 (C) (3) 509 (A) (3)	IN SUPPORT OF GENERAL OPERATIONS.	50,000.
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BLVD OAKLAND, CA 94619	NONE 501 (C) (3) 509 (A) (3)	IN SUPPORT OF THE CLIMATE CHANGE EXHIBIT.	25,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CHILDREN'S HEALTH COUNCIL INC. 650 CLARK WAY PALO ALTO, CA 94304	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
CITY OF PALO ALTO 250 HAMILTON AVENUE PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	FOR THE PALO ALTO TEEN SUICIDE TRACK WATCH IN ATTEMPT TO BREAK SUICIDE CLUSTER CYCLE.	10,000.
CITY YEAR INC. 90 N. FIRST STREET SAN JOSE, CA 95113	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
CLIMATE INSTITUTE 1785 MASSACHUSETTS AVENUE, NW, SUITE 100 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
COLLECTIVE ROOTS GARDEN PROJECT INC. P. O. BOX 50784 PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
COLLEGE TRACK, 1877 BAY ROAD EAST PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
COMMONWEALTH CLUB OF CALIFORNIA ST. FRANCIS HOTEL 578 VALLEY WAY MILPITAS, CA 95035	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
COMMUNITY HEALTH PARTNERSHIP OF SANTA CLARA COUNTY 100 N. WINCHESWTER BLVD., SUITE 250 SANTA CLARA, CA 95050	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. AND TRADITIONAL PEOPLES	10,000.
COMMUNITY LEGAL SERVICES IN EAST PALO ALTO 2117-B UNIVERSITY AVENUE EAST PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. THE ADVANCEMENT OF SCIENCE (AAAS) SESSION AND ECOLOGY AND SOCIETY SPECIAL FEATURE	10,000.
COMMUNITY SERVICES AGENCY 204 STIERLIN ROAD MOUNTAIN VIEW, CA 94043	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. (TAC) OF THE NATIONAL ACADEMIES	10,000.
CONSERVATION EARTH INC. P. O. BOX 3098 HALF MOON BAY, CA 94109	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	25,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	26,000.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	35,000.
COUNCIL ON FOUNDATIONS INC. 2121 CRYSTAL DRIVE, SUITE 700 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	54,500.
COYOTE POINT MUSEUM ASSOCIATION 1651 COYOTE POINT DRIVE SAN MATEO, CA 94401	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS. THE FORBES NORRIS ALS CENTER.	10,000.
CYSTIC FIBROSIS FOUNDATION HEADQUARTERS 6931 ARLINGTON ROAD, 2ND FLOOR BETHESDA, MD 20814	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. THE FORBES NORRIS ALS CENTER.	5,000.
DEBORAHS PALM 555 LYTTON STREET PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS. BUTTERFLY PROGRAM	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ENVIRONMENTAL & ENERGY STUDY INSTITUTE 1112 16TH STREET, NW SUITE 300 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS. BUTTERFLY PROGRAM	10,000.
ENVIRONMENTAL VOLUNTEERS, INC. 3921 EAST BAYSHORE ROAD PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. MORRIS DOYLE AWARD LUNCHEON	10,000.
FEDERATION OF AMERICAN SCIENTISTS 1725 DE SALES STREET, NW 6TH FLOOR WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
FOUNDATION CENTER 79 FIFTH AVENUE NEW YORK, NY 10003-3076	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	50,000.
FOUNDATION FOR A COLLEGE EDUCATION 2160 EUCLID AVENUE (PO BOX 50518) EAST PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
FRIENDS OF THE PALO ALTO JR MUSEUM AND ZOO 1451 MIDDLEFIELD ROAD PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
GIRLS INCORPORATED OF ALAMEDA COUNTY 13666 EAST 14TH STREET SAN LEANDRO, CA 94578	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
GIRLS TO WOMEN PO BOX 50368 EAST PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
GRANTMAKERS FOR EFFECTIVE ORGANIZATIONS 1725 DESALES STREET, SUITE 404 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	13,800.
GRANTMAKERS FOR EFFECTIVE ORGANIZATIONS 1725 DESALES STREET, SUITE 404 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	FOR PARTICIPATION OF UP TO TWO INDIVIDUALS IN THE GEO ACTION LEARNING GROUP, PUBLIC-PHILANTHROPIC PARTNERSHIPS, MAY THROUGH SEPTEMBER 2010.	5,000.
GREEN FOOTHILLS FOUNDATION PENINSULA CONSERVATION CENTER 3921 EAST BAYSHORE R PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
GREENLINING INSTITUTE 1918 UNIVERSITY AVENUE, 2ND FLOOR BERKELEY, CA 94704	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
GUIDESTAR USA INC. 4801 COURTHOUSE STREET, SUITE 220 WILLIAMSBURG, VA 23188	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	45,000.
HOOKED ON NATURE 4848 SAN FELIPE ROAD #150-230 SAN JOSE, CA 95135	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CHILDREN, NATURE AND YOU PROGRAM.	10,000.
HOSPICE OF THE VALLEY 4850 UNION AVENUE SAN JOSE, CA 95124-5156	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
INDEPENDENT SECTOR 1602 L STREET, NW, SUITE 900 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
INDEPENDENT SECTOR 1602 L STREET, NW, SUITE 900 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
INNVISION THE WAY HOME 1900 THE ALAMEDA, SUITE 400 SAN JOSE, CA 95126	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
JAZZSCHOOL INC. 2087 ADDISON STREET BERKELEY, CA 94704	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
JUNIOR ACHIEVEMENT OF SILICON VALLEY & MONTEREY BA 1401 PARKMOORE AVENUE, SUITE 110 SAN JOSE, CA 95126	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SILICON VALLEY CHAPTER.	10,000.
JUST READ 1850 SAND HILL ROAD #38 PALO ALTO, CA 94304	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,000.
KHAN ACADEMY INC. 735 CORNELIA CT MOUNTAIN VIEW, CA 94040	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
KID STOCK INC. 1539 FUNSTON AVENUE SAN FRANCISCO, CA 94122	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
LASSEN PARK FOUNDATION P. O. BOX 3155 CHICO, CA 95927	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE FOR 'REACH THE PEAK' PROJECT.	5,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
LEATHERBACK TRUST 161 MERION AVENUE HADDONFIELD, NJ 08033	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	15,000.
LEUKEMIA & LYMPHOMA SOCIETY INC. NORTHERN CALIFORNIA DIVISION: 1390 MARKET STREET, SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
LOS ALTOS COMMUNITY FOUNDATION 183 HILLVIEW AVENUE LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF MOUNTAIN VIEW-LOS ALTOS COMMUNITY SCHOLARS.	10,000.
LUCILE PACKARD FOUNDATION FOR CHILDREN 400 HAMILTON AVE., SUITE 340 PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
MCLEAN PROJECT FOR THE ARTS INC. 1234 INGLESIDE AVENUE MCLEAN, VA 22101	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
MENTAL HEALTH ASSOCIATION OF SAN MATEO COUNTY 2686 SPRING STREET REDWOOD CITY, CA 94063	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, ROOM KECK 1049 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE TEACHER ADVISORY COUNCIL OF THE NATIONAL ACADEMIES.	18,000.
NATIONAL WILD TURKEY FEDERATION, INC. 12781 LONE TREE WAY LOMA RICA, CA 95901	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE SUTTER BUTTES CHAPTER.	2,000.
NET IMPACT 150 SPEAR ST., SUITE 500 SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
NEW WORLD FOUNDATION 666 WEST END AVENUE, SUITE 1B NEW YORK, NY 10025	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF EMERGING PRACTITIONERS IN PHILANTHROPY, AN AFFINITY GROUP OF THE COUNCIL ON FOUNDATIONS.	5,150.
NEW YORK SOCIETY FOR THE RELIEF OF RUPTURED & CRIP 535 EAST 70TH STREET NEW YORK, NY 10021	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100,000.
NORTHERN CALIFORNIA GRANTMAKERS 625 MARKET STREET, 15TH FLOOR SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	14,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
OCEAN AWARENESS PROJECT INC. 1530 P STREET NW WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 3RD ANNUAL PETER BENCHLEY AWARDS.	4,000.
OCEAN CONSERVANCY INC. 1300 19TH ST. NW, 8TH FLOOR WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	75,000.
ONE EAST PALO ALTO 1798-B BAY ROAD EAST PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
OUR LADY OF GRACE 2766 NAVAJO ROAD EL CAJON, CA 92020	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
PALO ALTO COMMUNITY FUND P. O. BOX 50634 PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
PATHWAYS HOSPICE FOUNDATION 585 NORTH MARY AVENUE SUNNYVALE, CA 94085-2905	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PENINSULA FAMILY CONNECTIONS P. O. BOX 358 SAN CARLOS, CA 94070	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
PLUGGED IN-LEARNING THROUGH TECHNOLOGY 2111B UNIVERSITY AVENUE EAST PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 100 MEDICAL CENTER WAY, WOODS BLDG SAN FRANCISCO, CA 94143-0905	NONE UNIT OF GOVERNMENT	TO SUPPORT UNDERREPRESENTED, TALENTED HIGH SCHOOL STUDENTS IN A SUMMER PROGRAM OF RESEARCH AT UCSF.	10,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 200 CENTENNIAL DRIVE BERKELEY, CA 94720-5045	NONE UNIT OF GOVERNMENT	IN SUPPORT OF GENERAL OPERATIONS.	30,000.
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CLIMATE ADAPTATION FELLOWS.	15,000.
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DOCTORAL STUDENTS IN THE SCHOOL OF NATURAL RESOURCES AND THE ENVIRONMENT.	35,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DEAN'S ENGINEERING SUSTAINABLE SYSTEMS FELLOWSHIP.	10,000.
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE PEACE CORPS FELLOWSHIP.	10,000.
RONALD MCDONALD HOUSE AT STANFORD 520 SAND HILL ROAD PALO ALTO, CA 94304-2001	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
SAN FRANCISCO MUSEUM OF MODERN ART 151 THIRD STREET SAN FRANCISCO, CA 94103-3159	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DIRECTOR'S CIRCLE AND COLLECTORS FORUM.	19,000.
SAN JOSE CHILDREN'S DISCOVERY MUSEUM 180 WOZ WAY SAN JOSE, CA 95110	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
SAN JOSE GRAIL FAMILY SERVICES 2003 E. SAN ANTONIO STREET SAN JOSE, CA 95116	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SAVE THE BAY 350 FRANK H. OGAWA PLAZA, SUITE 900 OAKLAND, CA 94612-2016	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
SECOND HARVEST FOOD BANK OF SANTA CLARA AND SAN MA 750 CURTNER AVENUE SAN JOSE, CA 95125-2118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
SILICON VALLEY COMMUNITY FOUNDATION 2440 WEST EL CAMINO REAL, SUITE 300 MOUNTAIN VIEW, CA 94040	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE FAMILIES AFFECTED BY THE SAN BRUNO FIRE.	20,000.
SONOMA LAND TRUST 966 SONOMA AVENUE SANTA ROSA, CA 95404	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 562 SALVATIERRA WALK STANFORD, CA 94305	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	50,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 326 GALVEZ STREET STANFORD, CA 94305-6055	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE STANFORD FUND FOR UNDERGRADUATE EDUCATION.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
STRATEGIC EDUCATION RESEARCH PARTNERSHIP INSTITUTE 2100 M STREET NW, SUITE 619 WASHINGTON, DC 20037	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE SCIENCE OF EDUCATION THROUGH RESEARCH.	30,000.
SUSTAINABLE CONSERVATION 98 BATTERY STREET, SUITE 302 SAN FRANCISCO, CA 94111	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
SUSTAINABLE SAN MATEO COUNTY 177 BOVET ROAD, 6TH FLOOR SAN MATEO, CA 94402	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
THE COMPUMENTOR PROJECT 435 BRANNAN STREET, SUITE 100 SAN FRANCISCO, CA 94107-1780	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT SPANISH LANGUAGE BETA TESTING OF NGO EQUIVALENCY DETERMINATION REPOSITORY.	40,000.
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE RELOCATION OF THE EXPLORATORIUM TO PIERS 15 AND 17.	50,000.
THE TECH MUSEUM OF INNOVATION 201 SOUTH MARKET STREET SAN JOSE, CA 95113	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	25,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
THE TRUST FOR HIDDEN VILLA 26870 MOODY ROAD LOS ALTOS HILLS, CA 94022-4209	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
THE UCLA FOUNDATION 10920 WILSHIRE BLVD., SUITE 900 LOS ANGELES, CA 90024	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 2010 SEABORG SYMPOSIUM AND MEDAL AWARD BENEFIT.	2,500.
TIDES CENTER PO BOX 29907 SAN FRANCISCO, CA 94129	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP FUTURE PROGRAMS MODELED AFTER THE SOUTH BAY SPEAKER SERIES.	5,000.
TRUST FOR PUBLIC LAND 116 NEW MONTGOMERY ST.4TH FLOOR SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
TRUSTEES OF DARTMOUTH COLLEGE 7 LEBANON STREET, SUITE 309 HANOVER, NH 03755	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
UNIVERSITY OF ARIZONA BIO5 INSTITUTE, 1657 E. HELEN STREET TUSCON, AZ 85719	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE CHANDLER LABORATORY.	13,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
UNIVERSITY OF CALIFORNIA SAN FRANCISCO FOUNDATION UCSF BOX 0248 SAN FRANCISCO, CA 94143-0248	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE UCSF GRADUATE STUDENT INTERNSHIPS FOR CAREER EXPLORATION PROGRAM.	22,000.
UNIVERSITY OF CALIFORNIA SAN FRANCISCO FOUNDATION UCSF BOX 0248 SAN FRANCISCO, CA 94143-0248	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CARDIOLOGY COUNCIL.	10,000.
VANDERBILT UNIVERSITY 131 21ST AVENUE SOUTH NASHVILLE, TN 37203-1181	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT STUDENTS INTERESTED IN PURSUING NON-PROFIT OR PUBLIC SERVICE CAREERS IN THE SCHOOL OF LAW.	75,000.
WILDLIFE CENTER OF SILICON VALLEY 3027 PENITENCIA CREEK ROAD SAN JOSE, CA 95132	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
WOMEN'S INITIATIVE FOR SELF EMPLOYMENT 1401 PARKIMoor AVENUE, SUITE 208 SAN JOSE, CA 95126	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SILICON VALLEY CHAPTER.	10,000.
WORLD AFFAIRS COUNCIL OF NORTHERN CALIFORNIA 312 SUTTER STREET, SUITE 200 SAN FRANCISCO, CA 94108	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE 2010 AWARDS EVENT, 'TECHNOLOGY & INNOVATION FOR THE PUBLIC GOOD.'	15,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WORLD JUSTICE PROJECT 740 15TH STREET, SUITE 200 WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
YOSEMITE FOUNDATION 155 MONTGOMERY ST.SUITE 1104 SAN FRANCISCO, CA 94104	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
YOUTH AND FAMILY ENRICHMENT SERVICES 610 ELM STREET, SUITE 212 SAN CARLOS, CA 94070	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
ABILITIES UNITED 525 E. CHARLESTON ROAD PALO ALTO, CA 94306	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 19TH ANNUAL AUTHORS' LUNCHEON IN HONOR OF KIM AND GIL AHRENS.	1,400.
ACHIEVEMENT REWARDS FOR COLLEGE SCIENTISTS, INC. PO BOX 29405 SAN FRANCISCO, CA 94129	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	50.
ALAMEDA COUNTY COMMUNITY FOOD BANK P.O. BOX 2599 OAKLAND, CA 94614	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	6,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
AMERICAN ACADEMY OF ARTS AND SCIENCES 136 IRVING STREET CAMBRIDGE, MA 02138-1996	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
AMERICAN CANCER SOCIETY 1755 ABBEY ROAD EAST LANSING, MI 48823	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 2010 RELAY FOR LIFE.	100.
AMERICAN INSTITUTE OF ETHICS 2602 MONTE CRESTA DRIVE BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	200.
AMERICAN NATIONAL RED CROSS P.O. BOX 96456 WASHINGTON, DC 20090	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE INTERNATIONAL RESPONSE FUND, FOR THE HAITI RELIEF EFFORT.	100.
AMERICAN NATIONAL RED CROSS P.O. BOX 96456 WASHINGTON, DC 20090	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	50.
AMERICAN NATIONAL RED CROSS P.O. BOX 96456 WASHINGTON, DC 20090	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE AMERICAN RED CROSS INTERNATIONAL RESPONSE FUND.	920.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
AMERICAN RED CROSS - SANTA CLARA VALLEY CHAPTER 400 MITCHELL LANE PALO ALTO, CA 94301-2320	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300.
AMERICAN UNIVERSITY 4400 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20016	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300.
AMIGOS DE LAS AMERICAS 5020 N FORT BUCHANAN TRAIL TUCSON, AZ 85718	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE PROJECT OF VOUNTEER WREN GARDINER IN TUCSON, AZ.	400.
AMIGOS HOSPITALITO ATITLAN 420 NW 11TH AVE UNIT 802 PORTLAND, OR 97209-2966	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE CONSTRUCTION OF A HOSPITAL IN GUATEMALA.	400.
ANGEL CHARITABLE TRUST PO BOX 1013 OLD LYME, CT 06371	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF ROBERT BURGER'S BIKE ACROSS CONNECTICUT FOR PAUL NEWMAN'S HOLE IN THE WALL GANG CAMP.	100.
ARIZONA SONORA DESERT MUSEUM 2021 N KINNEY RD TUCSON, AZ 85743-8918	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	900.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ARIZONA SONORA DESERT MUSEUM 2021 N KINNEY RD TUCSON, AZ 85743-8918	NONE 501 (C) (3) 509 (A) (2)	IN HONOR OF PAUL CHANDLER.	500.
ARIZONA THEATRE COMPANY PO BOX 1631 TUCSON, AZ 85702	NONE 501 (C) (3) 509 (A) (2)	IN HONOR OF PAUL CHANDLER.	300.
ASHOKA 1700 NORTH MOORE STREET, SUITE 2000 ARLINGTON, VA 22209-1929	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
ATLANTIC SALMON FEDERATION INC. P.O. BOX 807 CALAIS, ME 04619	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	12,000.
AUBURN AUTOMOTIVE HERITAGE INC. 1600 SOUTH WAYNE STREET AUBURN, IN 46706	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
AUTISM SPEAKS, INC. 1 E. 33RD STREET, 4TH FLOOR NEW YORK, NY 10016	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE AUTISM SPEAKS WALK, GREATER BOSTON, IN HONOR OF JENNY WONG.	50.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
AVON PRODUCTS FOUNDATION INCORPORATED 1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF MARA LANGER.	100.
AVON PRODUCTS FOUNDATION INCORPORATED 1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SANTA BARBARA 2010 AVON WALK FOR BREAST CANCER IN HONOR OF MEGHAN SHERLOCK.	50.
AVON PRODUCTS FOUNDATION INCORPORATED 1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF RENEE ECKSTUT, WALKER IN THE SAN FRANCISCO 2010 AVON WALK FOR BREAST CANCER.	200.
BAY AREA YOUTH SPORTS FOUNDATION PO BOX 590476 SAN FRANCISCO, CA 94159	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	6,050.
BAYKEEPER 785 MARKET STREET, SUITE 850 SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. PARNTERS IN SCIENCE EDUCATION FUND	1,000.
BELMONT-REDWOOD SHORES PUBLIC SCHOOL FOUNDATION PO BOX 5196 BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (2)	IN HONOR OF RACHAEL TAUBE. AND ENVIRONMENT	310.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
BELMONT-REDWOOD SHORES PUBLIC SCHOOL FOUNDATION PO BOX 5196 BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (2)	IN HONOR OF CLAIRE QIAO OF SANDPIPER ELEMENTARY IN THE ANNUAL READING POWER READ-A-THON.	200.
BELMONT-REDWOOD SHORES PUBLIC SCHOOL FOUNDATION PO BOX 5196 BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (2)	IN HONOR OF IRIS WU OF SANDPIPER ELEMENTARY IN THE ANNUAL READING POWER READ-A-THON.	200.
BELMONT-REDWOOD SHORES PUBLIC SCHOOL FOUNDATION PO BOX 5196 BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (2)	IN HONOR OF HANNAH WU OF SANDPIPER ELEMENTARY IN THE ANNUAL READING POWER READ-A-THON.	200.
BELMONT-REDWOOD SHORES PUBLIC SCHOOL FOUNDATION PO BOX 5196 BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (2)	IN HONOR OF JULIA QIAO OF SANDPIPER ELEMENTARY IN THE ANNUAL READING POWER READ-A-THON.	200.
BELMONT-REDWOOD SHORES PUBLIC SCHOOL FOUNDATION PO BOX 5196 BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (2)	IN HONOR OF RACHAEL TAUBE OF SANDPIPER ELEMENTARY IN THE ANNUAL READING POWER READ-A-THON.	1,200.
BELMONT-REDWOOD SHORES PUBLIC SCHOOL FOUNDATION PO BOX 5196 BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
BERKELEY COMMUNITY FUND 800 JONES STREET BERKELEY, CA 94710	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
BERKELEY PREPARATORY SCHOOL INC. 4811 KELLY ROAD TAMPA, FL 33615	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300.
BETHLEHEM CATHOLIC HIGH SCHOOL 2133 MADISON AVENUE BETHLEHEM, PA 18017-4699	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
BIG BROTHERS & BIG SISTERS OF THE BAY AREA 731 MARKET STREET, 6TH FLOOR SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 2010 YPC SOUTH BAY FUNDRAISER.	400.
BIG BROTHERS & BIG SISTERS OF THE BAY AREA 731 MARKET STREET, 6TH FLOOR SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE BBBSBA YOUNG PROFESSIONALS COMMITTEE - SILICON VALLEY SOUTH BAY CHAPTER.	80.
BIG BROTHERS & BIG SISTERS OF THE BAY AREA 731 MARKET STREET, 6TH FLOOR SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	50.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
BIG SUR LAND TRUST PO BOX 221864 CARMEL, CA 93922	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. CUIDAD DARIO, NICARAGUA	2,000.
BLANCHESTER LOCAL SCHOOL DISTRICT 951 CHERRY STREET BLANCHESTER, OH 45107	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. CUIDAD DARIO, NICARAGUA	1,500.
BOSTON UNIVERSITY TRUSTEES OF BOSTON UNIVERSITY 25 BUICK ST BOSTON, MA 02215	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DEPARTMENT OF EARTH SCIENCES.	200.
BOY SCOUTS OF AMERICA COUNCIL, SANTA CLARA COUNTY 970 W. JULIAN SAN JOSE, CA 95126	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	700.
BRITTAN ACRES ELEMENTARY SCHOOL PTA 2000 BELLE AVE SAN CARLOS, CA 94070	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	156.
BULLIS-PURISSIMA ELEMENTARY SCHOOL FOUNDATION PO BOX 1642 LOS ALTOS, CA 94023	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	16,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
C A R E, INC. 151 ELLIS STREET NE ATLANTA, GA 30303-2440	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	400.
CALIFORNIA ACADEMY OF SCIENCE 55 MUSIC CONCOURSE DRIVE, DEVELOPMENT DEPARTMENT SAN FRANCISCO, CA 94118-4599	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE NEW ACADEMY CAMPAIGN	120,000.
CALIFORNIA ACADEMY OF SCIENCE 55 MUSIC CONCOURSE DRIVE, DEVELOPMENT DEPARTMENT SAN FRANCISCO, CA 94118-4599	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. FUND FOR GRADUATE RESEARCH	500.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BLVD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. FUND FOR GRADUATE RESEARCH	500.
CALIFORNIA PACIFIC MEDICAL CENTER FOUNDATION PO BOX 7999 SAN FRANCISCO, CA 94120-7999	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF THE MARSHALL MATHEWS FAMILY ALS FUND.	200.
CAN DO EDUCATION FOUNDATION PO BOX 6182 SAN RAFAEL, CA 94903	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CANADIAN CANCER SOCIETY 565 WEST 10TH AVENUE V5Z4J4 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	190.
CATAPULT DESIGN 972 MISSION STREET SUITE 500 SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	53.
CATHOLIC CHARITIES USA SIXTY-SIX CANAL CENTER PLAZA STE 600 ALEXANDRIA, VA 22314	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500.
CATHOLIC RELIEF SERVICES, INC. P.O. BOX 17090 BALTIMORE, MD 21203-7090	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF HAITI RELIEF EFFORTS.	500.
CDM GIRLS WATER POLO FOUNDATION C/O 106 CORAL AVENUE BALBOA ISLAND, CA 92662	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	660.
CENTRAL MARIN YOUTH SOCCER LEAGUE 508 D STREET SAN RAFAEL, CA 94901	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE "ON EQUAL FOOTING" SCHOLARSHIP PROGRAM.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CHALLENGED ATHLETES FOUNDATION PO BOX 910769 SAN DIEGO, CA 92121	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. PLACEMENT ENVIRONMENTAL SCIENCE CLASS	100.
CHEWONKI FOUNDATION INC. 485 CHEWONKI NECK ROAD WISCASSET, ME 04578	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
CHICAGO PUBLIC MEDIA INC. 848 EAST GRAND AVENUE CHICAGO, IL 60611-3509	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
CHILDREN'S HOSPITAL & RESEARCH CENTER FOUNDATION 2201 BROADWAY, SUITE 600 OAKLAND, CA 94609-1809	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
CHOATE ROSEMARY HALL FOUNDATION INC. 333 CHRISTIAN STREET WALLINGFORD, CT 06492	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE TOM B. CURTIS MEMORIAL SCHOLARSH	34,000.
CHP 11 99 FOUNDATION 2244 NORTH STATE COLLEGE BOULEVARD FULLERTON, CA 92831	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CITY CHURCH SAN FRANCISCO PO BOX 641049 SAN FRANCISCO, CA 94164-1049	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
CLASSIC CAR CLUB OF AMERICA MUSEUM INC. P.O. BOX 2113 DEARBORN, MI 48123	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
COASTSIDE ADULT DAY HEALTH CENTER 645 CORREAS ST. HALF MOON BAY, CA 94019	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	700.
COLAGE 1550 BRYANT ST. SUITE 830 SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	600.
COLUMBIA RIVERKEEPER 724 OAK STREET HOOD RIVER, OR 97031	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	400.
COMMUNITY ACTION OF NAPA VALLEY 3273 CLAREMONT WAY, SUITE 207 NAPA, CA 94558	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	6,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
COMPANION ANIMAL RESCUE EFFORT P.O. BOX 111474 CAMPBELL, CA 95011-1474	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
CONSERVACION PATAGONICA 1062 FORT CHRONKHITE SAUSILITO, CA 94965-9902	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	12,000.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE, SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	22,200.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE, SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SEATTLE FUNDRAISING EVENT.	20,000.
CONSORTIUM FOR OCEAN LEADERSHIP, INC 1201 NEW YORK AVE., NW FOURTH FLOOR WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE UNIVERSITY OF CONCEPCION OCEANOGRAPHIC RELIEF FUND.	200.
COOSA RIVER BASIN INITIATIVE 408 BROAD STREET ROME, GA 30161	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CORNERSTONE CHURCH 5 THOMAS MELLON CIRCLE, SUITE 245 SAN FRANCISCO, CA 94134	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
CORPORATION OF THE FINE ARTS MUSEUMS 50 HAGIWARA TEA GARDEN DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500.
COURT APPOINTED SPECIAL ADVOCATES OF SANTA CRUZ CO 294 GREEN VALLEY RD SUITE 326 WATSONVILLE, CA 95076	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 2009 BIG SUR INTERNATIONAL MARATHON, PARTICIPANT NANCY HARMON.	400.
DANA-FARBER CANCER INSTITUTE INC. 44 BINNEY STREET, SUITE BP600 BOSTON, MA 02115	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF HALEY BYRNES PARTICIPATION IN THE 2010 BOSTON MARATHON.	100.
DIXIE CHILDREN'S FUND PO BOX 6182 SAN RAFAEL, CA 94903	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,000.
DOCTORS WITHOUT BORDERS USA INC. 333 7TH AVENUE, 2ND FLOOR NEW YORK, NY 10001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,400.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
DOCTORS WITHOUT BORDERS USA INC. 333 7TH AVENUE, 2ND FLOOR NEW YORK, NY 10001	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT HAITI RELIEF EFFORT.	500.
DOCTORS WITHOUT BORDERS USA INC. 333 7TH AVENUE, 2ND FLOOR NEW YORK, NY 10001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE HAITI EMERGENCY RELIEF FUND. CENTER FOR DEVELOPING ECONOMIES	100.
DOMINICAN UNIVERSITY OF CALIFORNIA, SCHOOL OF ARTS 50 ACACIA AVENUE SAN RAFAEL, CA 94901-2298	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
DONORS CHOOSE INC. 213 WEST 35TH STREET, 2ND FLOOR EAST NEW YORK, NY 10001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	230.
DRAG RACING ASSOCIATION OF WOMEN C/O ROSALEE NOBLE 4 HANCE DRIVE CHARLESTON, IL 61920	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
EGAN JUNIOR HIGH SCHOOL 100 W. PORTOLA DRIVE LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE EGAN JUNIOR HIGH SCHOOL SCIENCE DEPARTMENT.	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ELDERGIVERS 1755 CLAY STREET SAN FRANCISCO, CA 94109	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	4,600.
ELDERGIVERS 1755 CLAY STREET SAN FRANCISCO, CA 94109	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF VERNON MCKAY.	500.
EMERGE GLOBAL 515 BEACON STREET CAMBRIDGE, MA 02215	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	168.
ENVIRONMENTAL & ENERGY STUDY INSTITUTE 1112 16TH STREET NW, SUITE 300 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
ENVIRONMENTAL VOLUNTEERS 3921 EAST BAYSHORE ROAD PALO ALTO, CA 94303-4326	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,234.
FEDERATION OF AMERICAN SCIENTISTS 1725 DESALES STREET, 6TH FLOOR WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
FEEDING AMERICA 35 E WACKER DRIVE SUITE 2000 CHICAGO, IL 60601	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
FOOD & FRIENDS 219 RIGGS RD, NE WASHINGTON, DC 20011	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
FOOD BANK FOR MONTEREY COUNTY 815 W. MARKET STREET, SUITE 5 SALINAS, CA 93901	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. ANNUAL FUND	6,000.
FOOD GATHERERS PO BOX 131037 ANN ARBOR, MI 48113	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS. ANNUAL FUND	400.
FOOTHILL-DEANZA COMMUNITY COLLEGES FOUNDATION 12345 EL MONTE ROAD LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	700.
FORMOSAN UNITED METHODIST CHURCH 788 LEWELLING BLVD SAN LEANDRO, CA 94579	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE TAIWAN HURRICANE RELIEF FUND.	300.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
FORMOSAN UNITED METHODIST CHURCH OF THE EAST BAY 1755 SUNNYVALE AVENUE WALNUT CREEK, CA 94598	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,400.
FOUNDATION FOR CREATIVE BROADCASTING INC. 220 S. 4TH AVENUE TUCSON, AZ 85701	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	400.
FRIENDS CHURCH 18637 YORBA LINDA BLVD YORBA LINDA, CA 92886	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	360.
FRIENDS OF SCHOOL OF THE ARTS FOUNDATION 236 WEST PORTAL DRIVE, #844 SAN FRANCISCO, CA 94127	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE THEATER SEAT RENOVATION CAMPAIGN.	700.
FULL CIRCLE FUND 2601 MISSION STREET 9TH FLOOR SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	4,000.
FUND FOR THE ENVIRONMENT AKA EARTH SHARE OF MICHIG 6380 DRUMHELLER ROAD BATH, MI 48808-0363	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
GATEWAY HIGH SCHOOL 1430 SCOTT STREET SAN FRANCISCO, CA 94115	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	270.
GEORGE WASHINGTON HIGH SCHOOL 600 32ND AVENUE SAN FRANCISCO, CA 94121-2794	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CERAMICS CLUB.	500.
GEORGETOWN UNIVERSITY, PRESIDENT & DIRECTORS OF GE 600 NEW JERSEY AVENUE NW WASHINGTON, DC 20001-2075	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF SHAND LATHROP GREEN (CLASS OF '75)	20,000.
GIRLS ON THE RUN OF THE BAY AREA INC. 3543 18TH STREET, #31 SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF MARCIE RASH.	50.
GIVELIGHT FOUNDATION PO BOX 62362 SUNNYVALE, CA 94085	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300.
GLEANERS COMMUNITY FOOD BANK, INC. 2131 BEAUFAIT DETROIT, MI 48207	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
GLIDE MEMORIAL UNITED METHODIST CHURCH 330 ELLIS STREET SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	600.
GLOBAL MINISTRIES OF THE UNITED METHODIST CHURCH (475 RIVERSIDE DRIVE NEW YORK, NY 10115	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE MISSIONARY COMMUNITY IN HONOR OF REVEREND PETER K PERRY.	2,500.
GLOBAL STICKY NETWORK 1048 IRVINE AVENUE, SUITE #730 NEWPORT BEACH, CA 92660	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF PASTORAL SCHOLARSHIPS.	6,000.
GUJRI FOUNDATION INC P O BOX 1028 VACAVILLE, CA 95696	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	21,000.
GUNN HIGH SCHOOL PTSA 780 ARASTRADERO ROAD PALO ALTO, CA 94306	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	710.
HABITAT FOR HUMANITY INTERNATIONAL PO BOX 7024 AMERICUS, GA 31709	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
HOPE MEDICAL CLINIC INC. PO BOX 980311 YPSILANTI, MI 48198-0311	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	400.
HUMANE SOCIETY SILICON VALLEY 901 AMES AVENUE MILPITAS, CA 95035	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300.
IMAGINE H20 INC. C/O MATT EVANS; 666 GREENWICH ST; APT 829 NEW YORK, NY 10014	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	150.
INDIANA UNIVERSITY FOUNDATION PO BOX 500 BLOOMINGTON, IN 47402	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE INVESTMENT BANKING WORKSHOP.	400.
INTERNATIONAL RESCUE COMMITTEE INC. 122 E 42ND ST NEW YORK, NY 10168	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
INTERPLAST INC. 857 MAUDE AVENUE MOUNTAIN VIEW, CA 94043	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	700.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
INVENEO INC. C/O LAURA STACHEL; 3009 HILLEGASS AVENUE BERKELEY, CA 94705	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	50.
JEWISH COMMUNITY CENTER OF SAN FRANCISCO 3200 CALIFORNIA STREET SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,400.
JOBTRAIN, INC. 1200 O'BRIEN DR. MENLO PARK, CA 94025	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	400.
JUVENILE DIABETES RESEARCH FOUNDATION INTERNATIONAL 120 WALL ST NEW YORK, NY 10005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE WALK TO CURE DIABETES IN HONOR OF JORGE BATISTA.	70.
KALW 500 MANSELL STREET SAN FRANCISCO, CA 94134	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
KALW 91.7FM 500 MANSELL STREET SAN FRANCISCO, CA 94134-1858	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
KCEA 89.1 FM 555 MIDDLEFIELD ROAD ATHERTON, CA 94027	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	60.
KCRW 1900 PICO BLVD. SANTA MONICA, CA 90405	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
KIDS ALIVE INTERNATIONAL INC. P.O. BOX 2117 VALPARAISO, IN 46383-2503	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	102.
LANCE ARMSTRONG FOUNDATION INC. P.O. BOX 161150 AUSTIN, TX 78716	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF MIKE MORAN'S PARTICIPATION IN THE LIVE STRONG CHALLENGE.	100.
LEAGUE TO SAVE LAKE TAHOE 955 EMERALD BAY ROAD SOUTH LAKE TAHOE, CA 96150	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
LEUKEMIA & LYMPHOMA SOCIETY INC. 1311 MAMARONECK AVE. WHITE PLAINS, NY 10605	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
LEUKEMIA & LYMPHOMA SOCIETY INC. 1311 MAMARONECK AVE WHITE PLAINS, NY 10605	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF BRIAN KINION IN THE VINEMAN FULL IRONMAN DISTANCE TRIATHLON.	100.
LEUKEMIA & LYMPHOMA SOCIETY INC. 1311 MAMARONECK AVENUE WHITE PLAINS, NY 10605	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF PAULA MCNALLY.	100.
LEUKEMIA & LYMPHOMA SOCIETY INC. 1311 MAMARONECK AVE. WHITE PLAINS, NY 10605	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF SHEILA MISTRY.	50.
LEUKEMIA & LYMPHOMA SOCIETY INC. 1311 MAMARONECK AVE. WHITE PLAINS, NY 10605	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF VIRGINIA GARNER TEAM IN TRAINING ALASKA MARATHON 2010.	100.
LEUKEMIA & LYMPHOMA SOCIETY INC. 1311 MAMARONECK AVE. WHITE PLAINS, NY 10605	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF KRISTEN CHUI AND BRYNA FITZGERALD.	100.
LEUKEMIA & LYMPHOMA SOCIETY INC. 1311 MAMARONECK AVE WHITE PLAINS, NY 10605	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF KRISTEN CHUI AND BRYNA FITZGERALD.	60.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
LIFT INC. 800 7TH STREET NW, SUITE 300 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
LOS ALTOS COMMUNITY FOUNDATION 183 HILLVIEW AVE LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	700.
LOVE HOPE STRENGTH INC. P.O. BOX 13290 DENVER, CO 80201	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	400.
LOWELL ALUMNI ASSOCIATION P.O. BOX 320009 SAN FRANCISCO, CA 94132-0009	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500.
LUCAS VALLEY SWIM CLUB 54 MOUNT TALLAC CT. SAN RAFAEL, CA 94903	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
LUCILE PACKARD FOUNDATION FOR CHILDREN'S HEALTH 400 HAMILTON AVENUE, SUITE 340 PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
LYNNEWOOD UNITED METHODIST CHURCH 4444 BLACK AVENUE PLEASANTON, CA 94566	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	338.
LYNNEWOOD UNITED METHODIST CHURCH 4444 BLACK AVENUE PLEASANTON, CA 94566	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF VOLUNTEERS IN MISSION.	400.
MARIN COMMUNITY FOOD BANK 75 DIGITAL DRIVE NOVATO, CA 94949	NONE 501 (C) (3) 509 (A) (1)	PLEASE MENTION VICTOR MANOVI IN THE LETTER.	150.
MARINE SCIENCE INSTITUTE 500 DISCOVERY PARKWAY REDWOOD CITY, CA 94063	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	80.
MARINERS CHURCH 5001 NEWPORT COAST DR IRVINE, CA 92603-0164	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF HAITI RELIEF IN HONOR OF ANDREA LANFRIED.	1,090.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVE CAMBRIDGE, MA 02139	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	700.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
MAYA CENTER FOR RURAL EDUCATION AND WELL-BEING ASS P.O. BOX 55 DANVILLE, CA 94526	NONE 501 (C) (3) 509 (A) (1)	PLEASE MENTION VICTOR MANOVI IN THE LETTER.	80.
MAYA CENTER FOR RURAL EDUCATION AND WELL-BEING ASS P.O. BOX 55 DANVILLE, CA 94526	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	150.
MAYO CLINIC ARIZONA DEPT OF DEVELOPMENT, 13400 E. SHEA BLVD SCOTTSDALE, AZ 85259	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF BREAST CANCER RESEARCH IN HONOR OF BARBARA LEE ATHERTON.	100.
MAYO CLINIC ROCHESTER 200 FIRST STREET SW ROCHESTER, MN 55905	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF BREAST CANCER RESEARCH AT THE MAYO CLINIC IN ARIZONA IN HONOR OF MS. BARBARA L. ATHERTON.	100.
MEMORIAL SLOAN-KETTERING CANCER CENTER 1275 YORK AVENUE NEW YORK, NY 10021	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
MICHIGAN ENVIRONMENTAL COUNCIL 119 PERE MARQUETTE DRIVE, SUITE 2A LANSING, MI 48912	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
MILL VALLEY SCHOOLS COMMUNITY FOUNDATION 409 SYCAMORE AVE MILL VALLEY, CA 94941	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	4,000.
MILLERSVILLE UNIVERSITY OF PENNSYLVANIA PO BOX 1002 MILLERSVILLE, PA 17551-0302	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE GLENNA HAZELTINE WOMEN IN MATH AND SCIENCE CONFERENCE.	2,000.
MONTEREY BAY AQUARIUM FOUNDATION 886 CANNERY ROW MONTEREY, CA 93940	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	900.
MONTEREY HORSE PARK 333 SALINAS STREET SALINAS, CA 93902	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	17,500.
MORRIS ANIMAL FOUNDATION 10200 EAST GIRARD AVE, SUITE B430 DENVER, CO 80231	NONE 501 (C) (3) 509 (A) (1)	ANNUAL K9 CANCER WALK.	50.
MUSCULAR DYSTROPHY ASSOCIATION 3300 E. SUNRISE DRIVE TUCSON, AZ 85718	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
MUSEUM OF AMERICAN HERITAGE 351 HOMER AVENUE, PO BOX 1731 PALO ALTO, CA 94302	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,916.
NAPA COUNTY LAND TRUST 1700 SOSCOL AVE, SUITE 20 NAPA, CA 94559	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	4,000.
NAPA VALLEY UNIFIED EDUCATIONAL FOUNDATION 2425 JEFFERSON STREET NAPA, CA 94558	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
NATIONAL AUDUBON SOCIETY INC. 700 BROADWAY NEW YORK, NY 10003	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	50.
NATIONAL MULTIPLE SCLEROSIS SOCIETY 1700 OWENS STREET SAN FRANCISCO, CA 94158	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF MANDY FORD.	100.
NATIONAL MULTIPLE SCLEROSIS SOCIETY 1700 OWENS STREET SAN FRANCISCO, CA 94158	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	150.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATIONAL MULTIPLE SCLEROSIS SOCIETY 733 THIRD AVE NEW YORK, NY 10017	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF WALK MS 2010 - SAN JOSE	50.
NATIONAL MULTIPLE SCLEROSIS SOCIETY 733 THIRD AVE NEW YORK, NY 10017	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF BIKE MS: WAVES TO WINE RIDE 2010 IN HONOR OF KELLY GRADY.	50.
NATIONAL MULTIPLE SCLEROSIS SOCIETY 733 THIRD AVE NEW YORK, NY 10017	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 2010 BIKE MS WAVES TO WINE IN HONOR OF DAVE RYAN AND KELLY GRADY.	50.
NATIONAL STUDENT PARTNERSHIPS INC. 800 7TH STREET NW, SUITE 300 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
NATURAL RESOURCES DEFENSE COUNCIL INC. 40 W 20TH ST NEW YORK, NY 10011	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
NEIGHBORHOOD PARKS COUNCIL 451 HAYES STREET SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NIHONMACHI LITTLE FRIENDS 2031 BUSH ST SAN FRANCISCO, CA 94115	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CAPITAL CAMPAIGN IN HONOR OF COLIN MURAMOTO.	120.
NIHONMACHI LITTLE FRIENDS 2031 BUSH ST SAN FRANCISCO, CA 94115	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	80.
NIHONMACHI LITTLE FRIENDS 2031 BUSH ST SAN FRANCISCO, CA 94115	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF COLIN MURAMOTO.	80.
NORTHERN CALIFORNIA PUBLIC BROADCASTING INC. 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,682.
OBERLIN DANCE COLLECTIVE 3153 17TH STREET SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE YOUTH AND TEEN PROGRAM.	200.
OCEAN CONSERVANCY INC. 1300 19TH STREET, NW 8TH FLOOR WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	42,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
OLD PUEBLO TROLLEY, INC. PO BOX 1373 TUCSON, AZ 85702	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
OLD PUEBLO TROLLEY, INC. PO BOX 1373 TUCSON, AZ 85702	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF PAUL CHANDLER.	200.
OLD ST. MARY'S CATHEDRAL 660 CALIFORNIA STREET SAN FRANCISCO, CA 94108	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,400.
ON YOUR FEET FOUNDATION NORTHERN CALIFORNIA 4104 24TH STREET, #718 SAN FRANCISCO, CA 94114	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
OUR FAMILY COALITION 870 MARKET ST, STE 872 SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
OXBOW SCHOOL 530 THIRD STREET NAPA, CA 94559	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ANNUAL FUND	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
OXFAM-AMERICA INC. 226 CAUSEWAY STREET, 5TH FLOOR BOSTON, MA 02114-2206	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	150.
PACIFIC BOYCHOIR ACADEMY 2401 LE CONTE AVE BERKELEY, CA 94709	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	200.
PALO ALTO PARTNERS IN EDUCATION P. O. BOX 1557 PALO ALTO, CA 94302	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,100.
PARK SCHOOL PTA 360 EAST BLITHEDALE AVE MILL VALLEY, CA 94941	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
PARTNERS IN HEALTH 800 BOYLSTON STREET, 47TH FLOOR BOSTON, MA 02199	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
PARTNERS IN HEALTH 800 BOYLSTON STREET, 47TH FLOOR BOSTON, MA 02199	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT RELIEF EFFORTS IN HAITI.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PENINSULA HUMANE SOCIETY & SPCA 12 AIRPORT BLVD SAN MATEO, CA 94401	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	400.
PENINSULA OPEN SPACE TRUST 222 HIGH STREET PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
PEREGRINE FUND INC. 5668 WEST FLYING HAWK LANE BOISE, ID 83709	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	15,000.
PLANNED PARENTHOOD FEDERATION OF AMERICA INC. 434 WEST 33RD NEW YORK, NY 10001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300.
PLANNED PARENTHOOD MAR MONTE INC. 1691 THE ALAMEDA SAN JOSE, CA 95126	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	700.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 124 MOUNT AUBURN STREET CAMBRIDGE, MA 02138-5795	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE KENNEDY SCHOOL EXECUTIVE EDUCATION - INNOVATION FOR ECONOMIC DEVELOPMENT PROGRAM.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 124 MOUNT AUBURN STREET CAMBRIDGE, MA 02138-5795	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 124 MOUNT AUBURN STREET CAMBRIDGE, MA 02138-5795	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF PHILLIPS BROOKS HOUSE.	10,000.
PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE OFFICE OF GIFT ADMINISTRATION, OLD COURT HOUSE, 5 MIDDLEBURY, VT 05753-6229	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DEPARTMENT OF GEOLOGY	400.
PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE OFFICE OF GIFT ADMINISTRATION, OLD COURT HOUSE, 5 MIDDLEBURY, VT 05753-6229	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300.
PRINCETON PROJECT 55 INC 12 STOCKTON ST. PRINCETON, NJ 08540	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	110.
PROJECT BANDALOOP 221 PINE STREET, 4TH FLOOR SAN FRANCISCO, CA 94104	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PROJECT NIGHT NIGHT 1800 GOUGH STREET, SUITE 5 SAN FRANCISCO, CA 94109	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS & STUD 250 23RD AVENUE SAN FRANCISCO, CA 94121	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE ALAMO SCHOOL SPELL-A-THON.	50.
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS & STUD 1101 EUCALYPTUS DRIVE SAN FRANCISCO, CA 94132-1499	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	200.
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS & STUD 250 23RD AVENUE SAN FRANCISCO, CA 94121	NONE 501 (C) (3) 509 (A) (2)	IN HONOR OF COLIN MURAMOTO.	120.
PTA CALIFORNIA CONGRESS OF PARENTS TEACHRES AND ST 443 BURNETT AVENUE SAN FRANCISCO, CA 94131	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT THE GARDENING PROGRAM AT ROOFTOP.	200.
RECLAIM CHILDHOOD 1288 COLUMBUS AVENUE #162 SAN FRANCISCO, CA 94133	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,400.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1 SHIELDS AVENUE DAVIS, CA 95616	NONE UNIT OF GOVERNMENT	IN SUPPORT OF ROLLING HILLS 4-H FIRST ROBOTICS.	200.
REGENTS OF THE UNIVERSITY OF MICHIGAN 400 CHURCH STREET, 2046 DANA BUILDING ANN ARBOR, MI 48105-1041	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE MAIZE BEHAVIOR SCHOLARSHIP.	200.
REGENTS OF THE UNIVERSITY OF MICHIGAN 500 SOUTH STATE STREET ANN ARBOR, MI 48109	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	800.
REGENTS OF THE UNIVERSITY OF MICHIGAN 500 SOUTH STATE STREET ANN ARBOR, MI 48109	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SNRE MASTER'S PROJECT SUPPORT FUND.	10,000.
REGENTS OF THE UNIVERSITY OF MICHIGAN 400 CHURCH STREET, 2046 DANA BUILDING ANN ARBOR, MI 48105-1041	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE PETER AND CAROLYN MERTZ GRADUATE FELLOWSHIP IN HONOR OF MARY JANE MERTZ.	200.
ROSS VALLEY NURSERY SCHOOL 689 SIR FRANCIS DRAKE BLVD. KENTFIELD, CA 94904	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
RUSSIAN HILL SCHOOL 2026 DIVISADERO STREET SAN FRANCISCO, CA 94115	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	400.
SALVATION ARMY 832 FOLSOM STREET SAN FRANCISCO, CA 94107	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,500.
SALVATION ARMY 832 FOLSOM STREET SAN FRANCISCO, CA 94107	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SALVATION ARMY'S 6TH ANNUAL HOLIDAY PROGRAM.	200.
SALVATION ARMY NATIONAL CORP. 615 SLATERS LN. ALEXANDRIA, VA 22313	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
SAN FRANCISCO AIDS FOUNDATION 995 MARKET ST #200 SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF HEIDI HICKENBOTTOM.	50.
SAN FRANCISCO AIDS FOUNDATION 995 MARKET ST #200 SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	900.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SAN FRANCISCO FOOD BANK 900 PENNSYLVANIA AVE SF, CA 94107	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,700.
SAN FRANCISCO FRIENDS SCHOOL 250 VALENCIA STREET SAN FRANCISCO, CA 94103-2322	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,100.
SAN FRANCISCO WOMEN AGAINST RAPE 3543 18TH STREET, #7 SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	440.
SAN FRANCISCO ZEN CENTER 300 PAGE STREET SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	550.
SAN RAMON VALLEY UNITED METHODIST CHURCH 902 DANVILLE BOULEVARD ALAMO, CA 94507-2420	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
SANDPIPER PTA 801 REDWOOD SHORES PARKWAY REDWOOD CITY, CA 94065	NONE 501 (C) (3) 509 (A) (2)	IN HONOR OF RACHAEL TAUBE.	150.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SECOND HARVEST FOOD BANK OF SANTA CLARA AND SAN MA 750 CURTNER AVENUE SAN JOSE, CA 95125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
SF SPCA 2500-16TH ST SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	150.
SHEPHERDS GATE 1660 PORTOLA AVENUE LIVERMORE, CA 94551	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
SILICON VALLEY COMMUNITY FOUNDATION 2440 WEST EL CAMINO REAL, SUITE 300 MOUNTAIN VIEW, CA 94040	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE LOS ALTOS TOWN CRIER HOLIDAY FUND.	700.
SISTERS OF SAINT JOSEPH OF PHILADELPHIA 9701 GERMANTOWN AVENUE PHILIDELPHIA, PA 19118-2694	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
SOCIETY OF ST. VINCENT DE PAUL OF ALAMEDA COUNTY 9235 SAN LEANDRO STREET OAKLAND, CA 94603	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	6,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SPECIAL OLYMPICS ARIZONA INC. 1850 N. CENTRAL AVENUE, SUITE 900 PHOENIX, AZ 85011-7580	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF PAUL CHANDLER.	200.
SPIRIT ROCK MEDITATION CENTER P.O. BOX 169 WOODACRE, CA 94973	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	730.
ST PAUL'S EPISCOPAL CHURCH 415 EL CAMINO REAL BURLINGAME, CA 94010	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
ST. ANTHONY FOUNDATION 150 GOLDEN GATE AVENUE SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
ST. IGNATIUS CHURCH 650 PARKER AVENUE SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,430.
ST. JOHN'S EPISCOPAL CHURCH 1707 GOULDIN RD. OAKLAND, CA 94611	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,600.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ST. JOHN'S EPISCOPAL CHURCH 1707 GOULDIN RD. OAKLAND, CA 94611	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE GENESIS PROGRAM.	200.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN STANFORD UNIVERSITY - PO BOX 20466 STANFORD, CA 94309-0466	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN STANFORD UNIVERSITY - PO BOX 20466 STANFORD, CA 94309-0466	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE STANFORD FUND FOR UNDERGRADUATE EDUCATION.	200.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN STANFORD UNIVERSITY - PO BOX 20466 STANFORD, CA 94309-0466	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,100.
SUSAN G. KOMEN BREAST CANCER FOUNDATION 4574 E. BROADWAY TUCSON, AZ 85711	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE WALK FOR THE CURE IN HONOR OF BARBARA NOVAK.	100.
SUSAN G. KOMEN BREAST CANCER FOUNDATION INC., NATI 5005 LBJ FREEWAY, SUITE 250 DALLAS, TX 75244	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	1,600.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SUSAN G. KOMEN FOR THE CURE 11845 W. OLYMPIC BLVD., SUITE 645W LOS ANGELES, CA 90064	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SUSAN G. KOMEN FOR THE CURE, LOS ANGELES COUNTY AFFILIATE	66.
SWIM ACROSS AMERICA INC. ONE INTERNATIONAL PLACE, SUITE 4600 BOSTON, MA 02110	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
TAMALPAIS - STRAWBERRY PRESCHOOLS INC. PO BOX 1012 MILL VALLEY, CA 94941	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 2009 ANNUAL FUND.	2,000.
TAMALPAIS - STRAWBERRY PRESCHOOLS INC. PO BOX 1012 MILL VALLEY, CA 94941	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 2010 ANNUAL FUND.	1,600.
TENDERLOIN NEIGHBORHOOD DEVELOPMENT CORPORATION 201 EDDY STREET SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	200.
THACHER SCHOOL INC. 5025 THACHER ROAD OJAI, CA 93023	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	25,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
THE CHEMICAL HERITAGE FOUNDATION 315 CHESTNUT STREET PHILADELPHIA, PA 19106	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	13,000.
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE ANNUAL AWARDS DINNER.	7,000.
THE GUARDSMEN P.O. BOX 29250 SAN FRANCISCO, CA 94129	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
THE PAINTED TURTLE 1300 4TH STREET, SUITE 300 SANTA MONICA, CA 90401	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
THE SALVATION ARMY NATIONAL CORP. 615 SLATERS LANE ALEXANDRIA, VA 22313	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
THE SEED FOUNDATION 1776 MASSACHUSETTS AVE., NW, STE. 600 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
THE TECH MUSEUM OF INNOVATION 201 SOUTH MARKET STREET SAN JOSE, CA 95113-2008	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE TECH AWARDS.	10,000.
THORNHILL PARENT FACULTY CLUB 5880 THORNHILL DRIVE OAKLAND, CA 94611	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE BACK TO SCHOOL DONATION DRIVE 2010-2011.	1,000.
TRAVELING JEWISH THEATER (A) 499 ALABAMA STREET., SUITE 127 SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	3,025.
TRI-VALLEY HAVEN FOR WOMEN P.O. BOX 2190 LIVERMORE, CA 94551-2190	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
TRUSTEES OF DARTMOUTH COLLEGE 7 LEBANON STREET, SUITE 309 HANOVER, NH 03755	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	40,300.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
TRUSTEES OF PRINCETON UNIVERSITY BOX 5357 PRINCETON, NJ 08543-5357	NONE 501 (C) (3) 509 (A) (1)	MATCHING GIFT FOR 2009 ANNUAL GIVING	160.
TUMORI CPMC, DAVIES CAMPUS 45 CASTRO STREET, #309 SAN FRANCISCO, CA 94114	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF DENZEL GOH.	800.
U. C. DAVIS FOUNDATION 1480 DREW AVE 130 DAVIS, CA 95618	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
U.S. ENGLISH FOUNDATION 1747 PENNSYLVANIA AVE, NW, SUITE 1050 WASHINGTON, DC 20006	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300.
UNITED STATES FUND FOR UNICEF 125 MAIDEN LANE NEW YORK, NY 10038	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300.
UNITED WAY SILICON VALLEY 1400 PARKMOORE AVE., SUITE 250 SAN JOSE, CA 95126-3429	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	700.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
UNIVERSITY OF ARIZONA FOUNDATION 1111 NORTH CHERRY AVENUE PO BOX 210109 TUCSON, AZ 85721-0109	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
UNIVERSITY OF CHICAGO 1427 EAST 60TH STREET, SUITE 120 CHICAGO, IL 60637	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	600.
UNIVERSITY OF CHICAGO 1427 EAST 60TH STREET, SUITE 120 CHICAGO, IL 60637	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DEPARTMENT OF ECONOMICS LECTURER POSITION.	600.
UNIVERSITY OF OREGON FOUNDATION 360 EAST 10TH AVENUE, SUITE 202 EUGENE, OR 97401	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE PETE VON HIPPEL FELLOWSHIP.	2,000.
UNIVERSITY OF RHODE ISLAND FOUNDATION 79 LIPPER COLLEGE ROAD KINGSTON, RI 02881	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
UPWARDLY GLOBAL 582 MARKET STREET, SUITE 1207 SAN FRANCISCO, CA 94104	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	1,680.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
US DEPARTMENT OF STATE 2201 C STREET NW WASHINGTON, DC 20520	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE PAKISTAN RELIEF FUND.	200.
VANDERBILT UNIVERSITY 2301 VANDERBILT PLACE NASHVILLE, TN 37235-7727	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF AN ENDOWED SCHOLARSHIP FOR STUDENTS ENTERING THE NON-PROFIT SECTOR OR, ALTERNATIVELY, PUBLIC INTEREST.	50,000.
VENTANA WILDLIFE SOCIETY 19045 PORTOLA DRIVE, SUITE F1 SALINAS, CA 93908	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
WARM WISHES 5800 NORTHGATE SUITE 250 (MEZZANINE) SAN RAFAEL, CA 94903	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
WASHINGTON IMPROVISATIONAL THEATER CO 1835 14TH STREET, NW WASHINGTON, DC 20009	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	800.
WATERKEEPER ALLIANCE 50 S. BUCKHOUT STREET, STE. 302 IRVINGTON, NY 10533	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	20,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 23 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WESLEY FOUNDATION AT UC BERKELEY 2398 BANCROFT WAY BERKELEY, CA 94704	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	550.
WILDLIFE CONSERVATION NETWORK INC. 25745 BASSETT LANE LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SAIGA PROGRAM AND ETHIOPIAN WOLF PROGRAM.	100.
WILLIAM J. CLINTON FOUNDATION 610 PRESIDENT CLINTON AVENUE LITTLE ROCK, AR 72201	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
WORLD MEDICAL RELIEF INC. 11745 ROSA PARKS BLVD DETROIT, MI 48206-1270	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF HAITI CRISIS RELIEF.	600.
WORLD WILDLIFE FUND INC. 1250 TWENTY-FOURTH STREET, NW WASHINGTON, DC 20037	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF CALESTOUS JUMA.	100.
WORLD WILDLIFE FUND INC. 1250 TWENTY-FOURTH STREET, NW WASHINGTON, DC 20037	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 23 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
YES THE ROSS VALLEY SCHOOLS FOUNDATION P.O. BOX 2 SAN ANSELMO, CA 94979	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	800.
Y-ME NATIONAL BREAST CANCER ORGANIZATION INC. 212 WEST VAN BUREN, SUITE 1000 CHICAGO, IL 60607	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF NATASHA GALAVOTTI AND MARYANN REZEK.	100.
YOUNG ADULTS HEALTH CENTER INC. 47 N. HURON STREET YPSILANTI, MI 48197	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	400.
ROUNDING			-3.
TOTAL CONTRIBUTIONS PAID			249,165,846.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

ATTACHMENT 24

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
AMAZON CONSERVATION ASSOCIATION 1822 R ST. NW, 4TH FLOOR WASHINGTON, DC 20009	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF THE DESIGN AND CONSOLIDATION OF A 210,000--HECTARE CONSERVATION CORRIDOR, COMPOSED OF AN INTERLINKING SYSTEM OF CONSERVATION UNITS AND ALTERNATIVE SUSTAINABLE LAND-USE ACTIVITIES AIMED AT MITIGATING THE ENVIRONMENTAL IMPACT OF THE PAVING OF THE INTER-OCEANIC HIGHWAY. THIS CONSERVATION CORRIDOR WILL PROTECT THE LARGEST AREA OF CONTINUOUS FOREST IN THE SOUTHWESTERN AMAZON FROM EXPLOITATIVE DEFORESTATION, CATTLE RANCHING, ARTISANAL GOLD-MINING, AND SLASH-AND-BURN FARMING.	1,160,963.
AQUASEED CORPORATION 2301 NE BLAKELEY STREET, SUITE 102 SEATTLE, WA 98105-3293	NONE EXPENDITURE RESPONSIBI	TO DEMONSTRATE TECHNICAL AND FINANCIAL FEASIBILITY OF ON-LAND CLOSED CONTAINMENT AQUACULTURE TECHNOLOGY. THE FUNDS WILL SUPPORT CONSTRUCTION AND OPERATION OF A RECIRCULATION COHO SALMON PRODUCTION SYSTEM IN ROCHESTER, WASHINGTON, AND RELATED RESEARCH ABOUT PRODUCTION FACTORS.	205,456.
	NONE	TO SUPPORT ONGOING EFFORTS TO PREVENT DEFORESTATION AND MANAGE TROPICAL FORESTS IN SOUTHWESTERN BRAZILIAN AMAZON THROUGH IMPLEMENTATION OF FOREST MANAGEMENT TECHNIQUES AND SUPPORT FOR THE ORGANIZATIONAL STRENGTHENING AND CAPACITY BUILDING OF ENVIRONMENTAL NON-GOVERNMENTAL AND INDIGENOUS ORGANIZATIONS OPERATING IN THE REGION. THIS GRANT IS DESIGNED TO COMPLETE THE SET-UP CYCLE OF THE AAI BR-319 FRONTIER STRATEGY BY SUPPORTING THE CREATION OF THE NECESSARY CONDITIONS FOR CONTROLLING DEFORESTATION IN THE SOUTHERN ENTRY POINT TO THE BR-319 HIGHWAY. THE GRANT IS CONSIDERED AS A TRANSITION GRANT TO THE EMERGING AAI STRATEGY	901,004.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

ATTACHMENT 24 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
RUA DOM PEDRO II, 1892, SALA 07.BAI 78901-150 PORTO VELHO RONDINIA, BRAZIL	EQUIVALENT OF U.S. PUBL	FOCUSING ON DEFORESTATION DYNAMICS IN THAT IT CONSOLIDATES PAST WORK THAT SEEKS TO CONTAIN DEFORESTATION, WHILE IT SUPPORTS THE BUILDING OF CAPACITY THAT CAN BE USED TO FOCUS ON DEFORESTATION IN THE BRAZILIAN PRODUCTIVE FRONTIER AND REDD.	
CALIFORNIA COUNCIL ON SCIENCE AND TECHNOLOGY 5005 LA MART DRIVE, SUITE 105 RIVERSIDE, CA 92507	NONE 501(C)(3)509(A)(1)	TO IMPROVE THE SCIENCE AND TECHNOLOGY POLICY- RELATED COMPONENTS OF LEGISLATION THROUGH THE ESTABLISHMENT OF AN EFFECTIVE LEGISLATIVE SCIENCE AND TECHNOLOGY POLICY FELLOWS PROGRAM. THE FELLOWS PROGRAM WILL PLACE TEN PH.D.-LEVEL (OR EQUIVALENT) SCIENTISTS AND ENGINEERS PER YEAR IN THE CALIFORNIA LEGISLATURE EITHER AS STAFF MEMBERS OF INDIVIDUAL LEGISLATORS OR ON COMMITTEE STAFF.	1,250,000.
CALIFORNIA INSTITUTE FOR NURSING AND HEALTHCARE 663 13TH STREET, SUITE 300 OAKLAND, CA 94612-9996	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF UPDATING THE ORGANIZATION'S OVERALL STRATEGIC PLAN. FUNDING WILL BE USED TO SUPPORT THE TIME OF THE EXECUTIVE DIRECTOR TO ENGAGE IN DEDICATED ACTIVITIES AND PLANNING TO CLARIFY THE ORGANIZATION'S VALUE PROPOSITION IN LIGHT OF CHANGING EXTERNAL CONDITIONS AND TO DEVELOP A REFINED BUSINESS MODEL, SUCCESSION PLANS, AND A DEVELOPMENT PLAN WHICH ARE ALIGNED WITH THIS CONFIRMED VALUE PROPOSITION.	75,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY	NONE	TO CREATE AN IMAGING FACILITY DESIGNED TO GIVE RESEARCHERS AN OPPORTUNITY FOR DEEPER UNDERSTANDING OF NEURAL FUNCTION THROUGH NONINVASIVE STUDIES. USING MAGNETIC RESONANCE IMAGERS, NEUROSCIENTISTS CAN MAP, POINT-BY-POINT (AND IN TWO OR THREE DIMENSIONS) THE NEURAL	248,691.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	501 (C) (3) 509 (A) (1)	PROCESS AND MENTAL FUNCTION OF LIVING ORGANISMS. OUTCOMES FOR THIS GRANT INCLUDE THE CREATION OF AN IMAGING FACILITY AND DEPLOYMENT OF MRIS (MAGNETIC RESONANCE IMAGERS) FOR HIGHER-BRAIN RESEARCH.	
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	THIS GRANT ALLOWS SCIENTISTS AT CALTECH TO ESTABLISH AN OBSERVATORY FOR STRUCTURAL MOLECULAR BIOLOGY. THE NEW OBSERVATORY, CALLED A BEAM LINE, WILL MAKE USE OF THE EXTREMELY BRIGHT X-RAYS PRODUCED BY A NEWLY INSTALLED ADVANCED ELECTRON ACCELERATOR AT STANFORD'S SYNCHROTRON RADIATION LABORATORY. OUTCOMES FOR THIS GRANT INCLUDE CREATION OF A MACROMOLECULAR CRYSTALLOGRAPHY FACILITY FOR STUDYING COMPLICATED BIOLOGICAL SYSTEMS.	266,496.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF CALTECH'S NANOSCALE SYSTEMS INITIATIVE AND THE OPERATION OF THE INITIATIVE'S LABORATORIES AND FACILITIES. NANOSCALE SYSTEMS TECHNOLOGY INVOLVES THE CREATION OF TINY (LESS THAN 1/100TH OF THE DIAMETER OF A HUMAN HAIR) SYSTEMS THAT TAKE ADVANTAGE OF THE UNIQUE PROPERTIES OF MATTER AT THAT SCALE. OUTCOMES FOR THIS GRANT INCLUDE RENOVATION AND RELOCATION OF LABS, RECRUITMENT OF FACULTY, AND THE LAUNCH OF THE NANOSCALE SYSTEMS INITIATIVE'S LABORATORIES AND FACILITIES.	73,122.
CALIFORNIA INSTITUTE OF TECHNOLOGY	NONE	TO SUPPORT THE SECOND PHASE OF THE DEVELOPMENT OF A MULTIDISCIPLINARY FACILITY THAT COMBINES STATE-OF-THE-ART MONITORING NETWORKS AND INNOVATIVE OBSERVATIONS AT KEY TECTONICS BOUNDARIES WITH MODELING OF TECTONIC FORCES OVER A WIDE RANGE OF	4,370,300.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR				
AND				
<u>RECIPIENT NAME AND ADDRESS</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>	
1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	501 (C) (3) 509 (A) (1)	SPATIAL AND TEMPORAL SCALES. THE GOAL OF UNDERSTANDING AND, LATER, PREDICTING THE EARTH'S BEHAVIOR NEAR THE INTERSECTION OF KEY TECTONIC PLATES WILL PROVIDE STRATEGIC INSIGHTS INTO A VARIETY OF DESTRUCTIVE PHENOMENA SUCH AS EARTHQUAKES, VOLCANIC ERUPTIONS, TSUNAMIS, LANDSLIDES, AND OTHER GEOCHEMICAL AND GEOPHYSICAL PROCESSES.		
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF CALTECH'S INSTITUTE-WIDE INTELLECTUAL, EDUCATIONAL, AND OUTREACH INITIATIVE CALLED INFORMATION SCIENCE AND TECHNOLOGY. OUTCOMES FOR THIS GRANT INCLUDE ESTABLISHMENT OF (INCLUDING STAFF AND EQUIPMENT) FOUR INFORMATION SCIENCE AND TECHNOLOGY CENTERS: BIOLOGY, PHYSICS, SOCIAL SCIENCE, AND MATH.	514,268.	
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE PROJECT TITLED "PROGRAM COST SUPPORT." LEGISLATURE."	2,157,571.	
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT AND EXPAND DIVERSITY PROGRAMS AT CALTECH. OUTCOMES FOR THIS GRANT INCLUDE INCREASED PARTICIPATION OF WOMEN AND UNDERREPRESENTED MINORITIES IN SCIENCE AND ENGINEERING, RECRUITMENT OF NON-CALTECH AND CALTECH UNDERGRADUATE AND GRADUATE STUDENTS EVERY YEAR, SUPPORT FOR POSTDOCTORAL STUDENTS AND ASSESSMENT OF THE DIVERSITY RECRUITMENT PROGRAM.	62,349.	

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH THE CENTER FOR ULTRAFAST SCIENCE AND TECHNOLOGY, FOCUSING ON FUNDAMENTAL STUDIES OF MOLECULAR COMPLEXITY, THE DEVELOPMENT OF THE TECHNOLOGY OF ULTRAFAST IMAGING, AND ITS APPLICATIONS TO REAL SYSTEMS OF PHYSICAL, CHEMICAL, AND BIOLOGICAL FUNCTION. OUTCOMES FOR THIS GRANT INCLUDE CREATION AND MAINTENANCE OF THE ULTRAFAST IMAGING FACILITY.	3,499,840.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH THE CENTER FOR COSMOCHEMICAL AND GEOCHEMICAL MICROANALYSIS. OUTCOMES FOR THIS GRANT INCLUDE INSTALLATION OF TWO ION MICROPROBES, DEVELOPMENT OF NOVEL GEOCHEMICAL INSTRUMENTATION, AND MAINTENANCE OF THE CENTER.	121,753.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CREATION OF THE PROTEOME EXPLORATION LABORATORY (CAPEL). RESEARCH AT CAPEL IS EXPECTED TO GENERATE NEW KNOWLEDGE OF HOW THE PROTEINS SPECIFIED BY A GENOME GIVE RISE TO AN ORGANISM. OUTCOMES FOR THIS GRANT INCLUDE INSTALLATION OF EQUIPMENT AND MAINTENANCE OF THE PROTEOME EXPLORATION LABORATORY.	1,802,086.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH THE CENTER FOR COSMOCHEMICAL AND GEOCHEMICAL MICROANALYSIS. THE CENTER WILL SUSTAIN A PROGRAM OF THEORETICAL RESEARCH AIMED AT ATTACKING THE PROBLEMS POSED BY DARK MATTER, DARK ENERGY, AND THE EARLY UNIVERSE. OUTCOMES FOR THIS GRANT INCLUDE THE ADDITION OF TWO SENIOR SCIENTISTS (COSMOLOGY THEORISTS), ESTABLISHMENT OF OF A DISTINGUISHED VISITING SCHOLARS PROGRAM AND POSTDOCTORAL FELLOWSHIPS, AND MAINTENANCE OF THE CENTER.	2,848,751.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH THE CENTER FOR INTEGRATIVE STUDY OF CELL REGULATION. OUTCOMES FOR THIS GRANT INCLUDE CREATION OF THE CENTER AND POSTDOCTORAL FELLOWSHIPS.	1,146,480.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF REVOLUTIONIZING DETECTORS FOR COSMOLOGY.	1,815,800.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RESEARCH THAT WILL LEAD TO AN UNDERSTANDING OF THE EFFECTS OF REWARD AND PUNISHMENT AT NUMEROUS LEVELS OF HUMAN BRAIN ORGANIZATION.	705,419.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF EXPERIMENTATION WITH LARGE, DIVERSE, AND INTERCONNECTED SOCIO-ECONOMIC SYSTEMS.	1,298,124.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RESEARCH IN RELIABLE GENERATION, STORAGE, AND USE OF RENEWABLE ENERGY WITH THE ESTABLISHMENT OF THE CENTER FOR SUSTAINABLE ENERGY RESEARCH.	407,447.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP THE MOLECULAR BASIS FOR DRIVING THE PHOTO-OXIDATION OF WATER TO ENABLE FUEL PRODUCTION DIRECTLY FROM SUNLIGHT.	4,270,032.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH THE CENTER FOR CATALYSIS AND CHEMICAL SYNTHESIS TO ACCELERATE THE DISCOVERY OF POWERFUL NEW CATALYTIC CHEMICAL REACTIONS AND NOVEL CHEMICAL ARCHITECTURES.	992,708.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH THE CENTER FOR EXOTIC QUANTUM SYSTEMS (CEQS), UNITING A DIVERSE ON-CAMPUS COMMUNITY OF SCIENTISTS WHO WILL BE ABLE TO EXPAND THEIR LEADING-EDGE RESEARCH ON QUANTUM MATTER, QUANTUM LIGHT, QUANTUM NANO-MECHANICS, AND QUANTUM INFORMATION SCIENCE. THE CENTER WILL BECOME AN INTERNATIONALLY RECOGNIZED ENTITY THAT SUBSTANTIALLY ENHANCES CALTECH'S ABILITY TO RECRUIT THE VERY BEST STUDENTS, POSTDOCS, AND FACULTY IN THIS IMPORTANT FIELD.	4,043,340.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH A CENTER FOR BIO-INSPIRED WIND ENERGY, WITH FACILITIES ON THE MAIN CAMPUS OF THE CALIFORNIA INSTITUTE OF TECHNOLOGY AND AT THE RECENTLY ESTABLISHED CALTECH FIELD LABORATORY FOR OPTIMIZED WIND ENERGY IN NORTHERN LOS ANGELES COUNTY. THE CENTER WILL CARRY OUT RESEARCH, DEVELOPMENT, AND FIELD TESTING OF NOVEL WIND ENERGY TECHNOLOGIES INSPIRED BY ENGINEERING SOLUTIONS FOUND IN NATURE.	4,798,571.
CALIFORNIA INSTITUTE OF TECHNOLOGY	NONE	TO SUPPORT NEW EXPERIMENTS DESIGNED TO UNDERSTAND THE CAUSAL LINK BETWEEN GENE FUNCTIONS, THE BRAIN, AND BEHAVIOR. FUNDING WILL BE USED TO DEVELOP AUTOMATED METHODS FOR MEASURING BEHAVIORS IN RODENTS AND TO INTEGRATE THESE NEW METHODS WITH ELECTROPHYSIOLOGICAL RECORDING, FUNCTIONAL IMAGING, AND GENETICALLY BASED MANIPULATIONS OF	4,082,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	501 (C) (3) 509 (A) (1)	NEURONAL ACTIVITY.	
CANADIAN PARKS AND WILDERNESS SOCIETY, BRITISH COL 410 - 698 SEYMOUR ST. V6B 3K6 VANCOUVER BC CANADA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF DEVELOPING TECHNICAL ANALYSES IN SUPPORT OF MARINE SPATIAL PLANNING AND THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA (PNCIMA) INITIATIVE.	270,872.
CAPE COD COMMERCIAL HOOK FISHERMENS ASSOCIATION IN 210-E ORLEANS ROAD NORTH CHATHAM, MA 02650	NONE 501 (C) (3) 509 (A) (2)	TO PROVIDE EXPERTISE AND SUPPORT TO ENSURE APPROPRIATE AND DURABLE IMPLEMENTATION OF SECTORS FOR GROUND FISH, EXPANSION OF CATCH SHARES INTO OTHER BOTTOM-DWELLING FISHERIES, AND REGULATIONS AND DESIGN ELEMENTS FOR SECTORS THAT ADDRESS SUSTAINABLE FISHING COMMUNITIES.	182,510.
CARNEGIE MELLON UNIVERSITY 5000 FORBES AVENUE PITTSBURGH, PA 15213	NONE 501 (C) (3) 509 (A) (1)	TO IMPROVE COLLABORATIONS BETWEEN DOMAIN AND COMPUTER SCIENTISTS WITH THE DEVELOPMENT OF NEW ABSTRACTIONS AND METHODOLOGIES WITHIN DATA- INTENSIVE SCALABLE COMPUTING (DISC). THROUGH DEMONSTRATION PROJECTS IN COSMOLOGY AND IN CLOSE COOPERATION WITH ITS INSTITUTIONAL COLLABORATOR, UNIVERSITY OF WASHINGTON'S ESCIENCE INSTITUTE, CMU WILL DESIGN AND BUILD A PROTOTYPE DISC SYSTEM AND AN OPEN-SOURCE SOFTWARE SUITE FOR MANAGEMENT AND PROCESSING OF EXTREMELY LARGE DATA.	244,660.
CATHOLIC HEALTHCARE WEST 450 STANYAN STREET SAN FRANCISCO, CA 94117	NONE 501 (C) (3) 509 (A) (1)	TO INVOLVE ST. MARY'S HOSPITAL WITH THE IHI TRANSFORMING CARE AT THE BEDSIDE PROGRAM TO OPTIMIZE THE DISCHARGE PLANNING PROCESS FOR FRAGILE ELDERLY WITH CONGESTIVE HEART FAILURE.	63,389.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CENTER FOR QUALITY SYSTEMS IMPROVEMENT 1688 ORVIETTO DRIVE ROSEVILLE, CA 95661-3981	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RESEARCH IN TWO TO THREE SAN FRANCISCO BAY AREA (SFBA) HOSPITALS ON THE IMPACT OF HIGH PATIENT VOLUME DAYS ON THE INCREASED LIKELIHOOD OF PREVENTABLE PATIENT HARM. THE RESEARCH WILL IDENTIFY HIGH PATIENT VOLUME POINTS AT WHICH PATIENT HARM IS SIGNIFICANTLY MORE LIKELY TO OCCUR. FOLLOWING IDENTIFICATION OF THESE POINTS, AN ACTIONABLE PROGRAM FOR SFBA HOSPITALS WILL BE DEVELOPED AND PILOTED WITH THE GOAL OF REDUCING PREVENTABLE HARM DURING HIGH VOLUME DAYS IN AT LEAST THREE SFBA HOSPITALS.	226,000.
CENTER FOR QUALITY SYSTEMS IMPROVEMENT 1688 ORVIETTO DRIVE ROSEVILLE, CA 95661-3981	NONE 501 (C) (3) 509 (A) (1)	TO CREATE A READMISSIONS LEARNING COMMUNITY (RLC) IN WHICH HOSPITALS AND THEIR OUTPATIENT PROVIDER PARTNERS (E.G., CLINICS, PHYSICIAN PRACTICES) WILL CONFIRM AND SHARE EVIDENCE-BASED PRACTICES (EBP) SHOWN TO REDUCE HOSPITAL READMISSIONS. THE RLC WILL ACHIEVE THE FOLLOWING OUTPUTS: 1) PARTICIPATION BY AT LEAST 50% OF 5-COUNTY SFBA HOSPITALS AND 2) COLLABORATIVE DEVELOPMENT OF DETAILED PLANS TO IMPLEMENT THE EBP, EACH DESIGNED TO REDUCE BOTH 30- AND 90-DAY HOSPITAL READMISSION RATES BY AT LEAST 30% (BY NO LATER THAN DECEMBER 31, 2013).	459,000.
CENTRO DE CONSERVACION, INVESTIGACION Y MANEJO DE	NONE	TO MAINTAIN THE ZERO DEFORESTATION ZONE IN CORDILLERA AZUL AND THE STABILIZATION OF LAND USE IN THE PARK'S BUFFER ZONE, WHILE SECURING FINANCIAL SUSTAINABILITY FOR THE NATIONAL PARK. CIMA AND THE FIELD MUSEUM HAVE DESIGNED A REDD (REDUCED EMISSION FROM DEFORESTATION AND FOREST DEGRADATION) PILOT PROJECT THAT WILL MAKE CORDILLERA AZUL ONE OF THE FIRST REDD PROJECTS	229,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALLE JOSE GABRIEL CHARIARSE 420 - LIMA PERU	EQUIVALENT OF U.S. PUBL	CERTIFIED BY THE VOLUNTARY CARBON STANDARD, GENERATING REVENUE FROM CARBON CREDITS IN THE VOLUNTARY MARKET. THE GRANT WILL ALSO SUPPORT THE INTEGRATION OF THIS REDD PROJECT WITHIN THE NATIONAL AND REGIONAL REDD CONTEXT AND ENSURE THE SYSTEMATIC DISSEMINATION OF LESSONS LEARNED.	
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BLVD OAKLAND, CA 94619	NONE 501 (C) (3) 509 (A) (3)	TO SUPPORT THE DEVELOPMENT OF A COST-EFFECTIVE, REPLICABLE MODEL FOR SCALING UP THE SUCCESSFUL TECHBRIDGE PROGRAM, WHICH PROVIDES HANDS-ON ACTIVITIES, ROLE MODELS AND WORKSITE VISITS, FAMILY OUTREACH, AND TEACHER TRAINING TO SERVE GIRLS ACROSS THE SAN FRANCISCO BAY AREA. NATIONAL RESEARCH, ROBUST ASSESSMENT, AND EVALUATION WILL BE COMPONENTS OF THE PROGRAM DESIGN AND REFINEMENT TO DEVELOP A SCALABLE AND SUSTAINABLE MODEL FOR EXPANSION AND DURABILITY.	450,000.
CLARK UNIVERSITY 950 MAIN STREET WORCESTER, MA 01610	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DEVELOPMENT OF A NEW CLOUD- COMPUTING SYSTEM FOR THE ORIGINATION, PLANNING, AND EVALUATION OF REDD PROJECTS FROM ITS LAND CHANGE MODELER SOFTWARE SYSTEM. THE NEW CLOUD- COMPUTING SYSTEM WILL BE PUBLICLY AVAILABLE IN A GEOSPATIAL DATABASE FACILITY PROVIDED BY GOOGLE'S EARTH ENGINE.	51,000.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF MATCHING FUNDS FOR APPROVED TRANSACTIONS UNDER THE GCF. THIS IS FOR THE MATCHING FUNDS PORTION OF THE \$100 MILLION.	33,381,350.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	TO DEMONSTRATE AND AMPLIFY 'GREEN ECONOMY' MODELS THAT INCORPORATE THE VALUE OF ECOSYSTEM SERVICES INTO ECONOMIC DEVELOPMENT DECISIONS AND INCREASE UNDERSTANDING THAT THE CONSERVATION OF NATURE IS ESSENTIAL FOR ECONOMIC GROWTH AND THE LONG-TERM WELL-BEING OF HUMANITY.	18,000,000.
CONSERVATION LAW FOUNDATION 62 SUMMER STREET BOSTON, MA 02110	NONE 501 (C) (3) 509 (A) (1)	TO FACILITATE THE DISSEMINATION OF THE BEST AVAILABLE DATA AND KNOWLEDGE TO INFORM ACTIVE CONTRIBUTORS TO MSP IMPLEMENTATION AND ENGAGEMENT AT THE STATE, REGIONAL, AND FEDERAL SCALES, AS THEY RELATE TO NEW ENGLAND.	92,388.
COOPERATIVE FOR ASSISTANCE AND RELIEF EVERYWHERE, 151 ELLIS STREET, NE ATLANTA, GA 30303	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE DEVELOPMENT, REVIEW, AND TESTING OF INTERNATIONALLY APPLICABLE, CREDIBLE, AND EFFECTIVE SOCIAL AND ENVIRONMENTAL STANDARDS FOR REDUCED EMISSIONS FROM DEFORESTATION AND DEGRADATION (REDD+). PHASE I OF THIS WORK FOCUSED ON THE DEVELOPMENT AND INTERNATIONAL REVIEW OF THE REDD+ STANDARDS SETTING EFFORT (GRANT #2309). IN PHASE II, THESE STANDARDS WILL BE PILOTED IN KEY COUNTRIES IN ORDER TO STRENGTHEN REDD+ PROGRAM DESIGN AND IMPLEMENTATION BY REDUCING POVERTY AND ACHIEVING HUMAN RIGHTS AND BIODIVERSITY CONSERVATION GOALS, WHILE AVOIDING SOCIAL OR ENVIRONMENTAL HARM. SOCIAL AND ENVIRONMENTAL STANDARDS WITH DEMONSTRATED EFFECTIVENESS ULTIMATELY WILL HELP GARNER GLOBAL SUPPORT FOR REDD+.	445,281.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
DAUGHTERS OF CHARITY HEALTH SYSTEMS 26000 ALTAMONT RD. LOS ALTOS HILLS, CA 94022-4317	NONE 501 (C) (3) 509 (A) (1)	TO IMPLEMENT THE CLINICAL ADVANCEMENT IN RESEARCH AND EDUCATION (CARE) PROJECT, A COMPREHENSIVE PROGRAM TO IMPLEMENT NURSING-LED QUALITY COUNCILS AND EVIDENCE-BASED PRACTICES AT THE BEDSIDE AT EACH OF THE THREE DOCHS ACUTE CARE HOSPITALS IN THE SAN FRANCISCO BAY AREA. THROUGH THE GRANT, BAY AREA DOCHS HOSPITALS WILL USE A NURSING-LED QUALITY COUNCIL METHODOLOGY (AS IMPLEMENTED BY INLP, THE INTEGRATED NURSE LEADERSHIP PROGRAM) WITH AN IMMEDIATE FOCUS ON REDUCING SEVERE SEPSIS MORTALITY.	394,000.
DAVID SUZUKI FOUNDATION 2211 WEST 4TH AVENUE, SUITE 219 V6K 4S2 VANCOUVER BC CANADA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF INCREASING THE INCENTIVES FOR INDUSTRY LEADERS AND GOVERNMENTS TO IMPROVE SALMON AQUACULTURE AND FISHERIES MANAGEMENT PRACTICES IN BRITISH COLUMBIA.	112,962.
ECOTRUST 721 NW NINTH AVENUE SUITE 200 PORTLAND, OR 97209	NONE 501 (C) (3) 509 (A) (1)	TO ENSURE THE SUSTAINABILITY OF RENEWABLE NATURAL RESOURCES IN THE COPPER RIVER WATERSHED OF ALASKA. FUNDING WILL BE USED TO ADVANCE THE SCIENTIFIC UNDERSTANDING OF SALMON ECOLOGY AND TO ENCOURAGE THE ADOPTION OF MANAGEMENT PRACTICES THAT PROMOTE LONG-TERM SUSTAINABILITY OF THE WATERSHED'S WILD SALMON POPULATIONS.	670,711.
ENVIRONMENTAL DEFENSE FUND, INCORPORATED	NONE	IN SUPPORT OF THE GREATER KINGDOM COMPLEX CONSERVATION PROGRAM, THE PURPOSE OF WHICH IS TO PROVIDE THE CONDITIONS FOR THE EFFECTIVE MANAGEMENT OF PROTECTED AREAS IN THE RESERVE MOSAIC OF THE TERRA DO MEIO, PAR, BRAZIL, WHILE HELPING TO IMPROVE INDIGENOUS AND COMMUNITY ASSOCIATIONS, MAINTAIN THE INTEGRITY OF PARK	102,001.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
473 VIA ORTEGA, MAIL CODE 4205 STANFORD, CA 94305-6030	501 (C) (3) 509 (A) (1)	BORDERS, AND ESTABLISH MARKETS FOR NON-TIMBER FOREST PRODUCTS.	
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 473 VIA ORTEGA, MAIL CODE 4205 STANFORD, CA 94305-6030	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF CREATING A DURABLE AND EFFICIENT PACIFIC GROUND FISH TRAWL CATCH SHARE PROGRAM. FUNDING WILL BE USED TO REFINE AND IMPROVE FISHING REGULATIONS TO INCREASE FLEXIBILITY AND REDUCE COSTS, AND USED TO WORK WITH FISHERMEN DIRECTLY TO IMPROVE THEIR PERFORMANCE UNDER THE CATCH SHARE.	2,091,793.
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 473 VIA ORTEGA, MAIL CODE 4205 STANFORD, CA 94305-6030	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT IMPLEMENTATION OF GOOD CATCH SHARES IN NEW ENGLAND, AS AN EFFECTIVE FISHERY MANAGEMENT TOOL TO RESTORE FISHERIES AND MARINE ECOSYSTEMS AND CREATE A SUSTAINABLE FISHING INDUSTRY. THIS WILL BE DONE THROUGH REFINING AND STRENGTHENING THE GROUND FISH SECTOR-BASED CATCH SHARE PROGRAM TO ADDRESS BOTH RESOURCE CONSERVATION AND SOCIOECONOMIC GOALS, IMPLEMENTING GOOD CATCH SHARES FOR MONKFISH THROUGH AN EXEMPLARY AND INCLUSIVE DESIGN PROCESS, GAINING THE SUPPORT OF KEY REGIONAL CONSTITUENCIES, AND ENSURING THE LEADERSHIP, TECHNICAL EXPERTISE, RESOURCES, AND SCIENTIFIC FOUNDATION NEEDED FOR DURABILITY ARE HELD BY LOCAL INSTITUTIONS AND STAKEHOLDERS.	1,700,000.
FEDORA COMMONS 165 WASHINGTON ST. SUITE #201 WINCHESTER, MA 01890	NONE 501 (C) (3) 509 (A) (1)	TO PROVIDE THE TECHNICAL EXPERTISE AND COMMUNITY FRAMEWORK NEEDED TO DEVELOP SUSTAINABLE OPEN- SOURCE SOFTWARE FOR INNOVATIVE COLLABORATION AND KNOWLEDGE SHARING AMONG SCIENTISTS, SCHOLARS, AND EDUCATORS, WHILE ENSURING THE INTEGRITY AND LONGEVITY OF THE RESULTS OF THEIR WORK.	537,409.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

ATTACHMENT 24 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
FIELD MUSEUM OF NATURAL HISTORY 1400 S. LAKE SHORE DR CHICAGO, IL 60605-2496	NONE 501(C) (3) 509(A) (2)	TO SECURE CRITICAL CONSERVATION LANDSCAPES WHILE ENGAGING LOCAL RESIDENTS IN THE STEWARDSHIP OF THESE PROTECTED AREAS AND TO BOLSTER LOCAL EXPERTISE IN EFFECTIVE RAPID BIOLOGICAL-SOCIAL INVENTORIES. SPECIFICALLY THIS GRANT WILL ACHIEVE TWO MAIN GOALS: (1) PROMOTE THE CREATION OF TWO NEW REGIONAL CONSERVATION AREAS (~ 2.8 MILLION HA) IN PERU (LORETO) AND ONE SUSTAINABLE USE AREA (~1.5 MILLION HA) IN BOLIVIA (PANDO) (FIGURE 1). THESE AREAS ARE BEING SELECTED BASED ON AN ANALYSIS OF CONSERVATION OPPORTUNITIES IN EACH COUNTRY AND BROAD DISCUSSIONS WITH KEY STAKEHOLDERS; (2) A BI-NATIONAL INVENTORY-SCIENCE TRAINING COURSE FOR LORETO AND PANDO FOCUSED ON CONDUCTING BIOLOGICAL AND SOCIAL INVENTORIES AND INTEGRATING THE INVENTORY RESULTS INTO COMPELLING RECOMMENDATIONS FOR DECISION-MAKERS.	227,210.
FONDO AMBIENTAL NACIONAL AVE. AMAZONAS N34-311 Y ATAHUALPA, QUITO ECUADOR	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF CONSOLIDATING RESULTS OF PRIOR FOUNDATION FUNDING, INCLUDING THE EFFECTIVE MANAGEMENT OF THE NATIONAL SYSTEM OF PROTECTED AREAS IN ECUADOR WITHIN THE C�NDOR KUTUKU CONSERVATION CORRIDOR, AND STRENGTHENING THE MANAGEMENT OF SANGAY AND PODOCARPUS NATIONAL PARKS. THE GRANT WILL ALSO STRENGTHEN THE CAPACITY OF KEY LOCAL STAKEHOLDERS IN PARK MANAGEMENT AND PROMOTE COLLABORATIVE WORK BETWEEN FAN AND FUNDACI�N NATURA, FUNDACI�N CORDILLERA TROPICAL, FUNDACI�N ARCOIRIS, CONSERVATION INTERNATIONAL-ECUADOR AND THE ECUADORIAN MINISTRY OF THE ENVIRONMENT TOWARDS ACHIEVING CONSERVATION GOALS FOR ECUADOR.	199,510.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
FONDO DE LAS AMERICAS AVENIDA JAVIER PRADO ESTE 5318, LA 33 LIMA PERU	NONE UNIT OR AGENCY OF FORE	TO PROVIDE BASIC INFRASTRUCTURE, EQUIPMENT, AND PATROL PERSONNEL TO HELP LEVERAGE THE WORK OF CONSERVATION GROUPS AND LOCAL INDIGENOUS PEOPLES TO FORMALLY DESIGNATED RESERVES IN PERU. OUTCOMES INCLUDE CREATION AND CONSOLIDATION OF ICHIGKAT MUJA CORDILLERA DEL CONDOR NATIONAL PARK AND THE TUNTANAIN Y KAMPAGKIS COMMUNAL RESERVES TO ADD 650,000 HECTARES OF NEWLY PROTECTED LANDS TO THE SANTIAGO COMAINA RESERVED ZONE.	213,000.
FOREST TRENDS ASSOCIATION 150 POTOMAC STREET NW WASHINGTON, DC 20007	NONE 501(C) (3) 509(A) (1)	TO ADVANCE THE REDD (REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION)-PLUS AND NATIONS FOREST CARBON POLICY DIALOGUE, BOTH AT THE UNITED FRAMEWORK CONVENTION ON CLIMATE CHANGE (UNFCCC) AND THE NATIONAL-LEVEL, TO RECONCILE THE POTENTIAL FOR SUB-NATIONAL PROJECT ACTIVITIES TO DELIVER EMISSIONS REDUCTIONS AND SECURE FINANCING WITHIN EMERGING REGULATORY FRAMEWORKS. OPTIONS ASSESSMENTS WILL GUIDE LEGAL, TECHNICAL AND FINANCIAL DESIGN ELEMENTS. BEST PRACTICE DEMONSTRATIONS WILL BE IMPLEMENTED IN KEY COUNTRIES TO ILLUSTRATE SUCCESSFUL INTEGRATION OF NATIONAL AND SUB-NATIONAL REDD-PLUS ARCHITECTURE.	100,000.
FUNDACAO INSTITUTO DE BIODIVERSIDADE E MANEJO DE E RIO BRANCO ACRE BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT FRONTIER CONSOLIDATION OUTCOMES BY FOCUSING THE RESEARCH EFFORTS OF TWO UFAC ACADEMIC PROGRAMS ON THE EFFECTIVE MANAGEMENT OF AAI PRIORITY PROTECTED AREAS IN THE MAP FRONTIER. INCREASED RESEARCH PRODUCTIVITY FROM THESE EFFORTS WILL ENABLE THE PROGRAMS TO TRANSITION TO DOCTORAL STATUS, A NECESSARY STEP FOR UFAC TO SECURE CONTINUED GOVERNMENT FUNDING FOR APPLIED PROTECTED AREA RESEARCH.	45,040.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

ATTACHMENT 24 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
FUNDACAO UNISELVA CEP: 78.070-970 MATO GROSSO BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO DEVELOP A DISTANCE SPECIALIZATION COURSE IN AGRO-ENVIRONMENTAL LAW AND INITIALLY IMPLEMENT IT IN MATO GROSSO AND ACRE STATES, PREPARE LEGAL CASES AGAINST INCIDENTS OF ILLEGAL DEFORESTATION IN MATO GROSSO, AND TRAIN COMMUNITY LEADERS AND ENVIRONMENTAL COUNCILS BASIN-WIDE IN THE EFFECTIVE USE OF BRAZIL'S ENVIRONMENTAL LAWS. JOINTLY THESE OUTPUTS WILL ENABLE STATE AND FEDERAL ENVIRONMENTAL AGENCIES, PUBLIC PROSECUTORS AND CIVIL SOCIETY IN MATO GROSSO STATE AND ACRE TO MAKE MORE EFFECTIVE USE OF THE BRAZILIAN LEGAL SYSTEM TO DETECT AND PROSECUTE ENVIRONMENTAL CRIMES, AND DECREASE ILLEGAL DEFORESTATION BY INCREASING TRANSPARENCY.	29,214.
FUNDACION AMIGOS DE LA NATURALEZA KM. 7 CARRETERA ANTIGUA A COCHABAMB SANTA CRUZ BELARUS	NONE EQUIVALENT OF U.S. PUBL	TO PLAN AND COORDINATE THE IMPLEMENTATION OF A SUB-NATIONAL PROGRAM TO REDUCE EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD) WITHIN THE DEPARTMENTS OF BENI AND PANDO. THIS PROJECT WILL IMPLEMENT THE FIRST SUB-NATIONAL UNFCCC COMPLIANT REDD PROGRAM IN THE WORLD TO INCLUDE INDIGENOUS COMMUNAL LANDS, AND INVOLVE INDIGENOUS COMMUNITY ORGANIZATIONS IN PROGRAM DESIGN, ITS IMPLEMENTATION, AND ADMINISTRATION. IT WILL HELP TO PROTECT THE LAST REMAINING CONSERVATION CORRIDOR CONNECTING DRY AND TRANSITIONAL FORESTS WITH AMAZON FORESTS IN NORTHEASTERN BOLIVIA.	409,004.
	NONE	CONSERVATION PROGRAM THROUGH CONTINUED IMPLEMENTATION OF THE RANGER PROGRAM. ADDITIONAL OUTCOMES ARE THE DISSEMINATION AND REPLICATION OF RESULTS AMONG OTHER COMMUNITY-BASED ORGANIZATIONS	126,700.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
MARIANO CARDENAL N74-153 Y JOAQUIN QUITO ECUADOR	EQUIVALENT OF U.S. PUBL	IN THE ECUADORIAN AMAZON, INCLUDING THE TRAINING OF THEIR MEMBERS IN MANAGEMENT AND MONITORING TECHNIQUES, AND A SYSTEMATIC EFFORT TOWARD FINANCIAL SUSTAINABILITY THROUGH THE IMPLEMENTATION OF PAYMENT FOR ECOSYSTEM SERVICES MECHANISMS.	
FUNDO BRASILEIRO PARA A BIODIVERSIDADE RIO DE JANEIRO - RJ BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT A HIGHLY LEVERAGED INITIATIVE OF THE LATIN AMERICAN AND CARIBBEAN NETWORK OF CONSERVATION TRUST FUNDS (REDLAC) IN THEIR DEVELOPMENT OF INNOVATIVE, MARKET-BASED, FINANCIAL SOLUTIONS FOR CONSERVATION.	501,413.
GREAT BEAR INITIATIVE SOCIETY 409 GRANVILLE SUITE SUITE 1660 V6C 1T2 VANCOUVER BC CANADA	NONE EXPENDITURE RESPONSIBLE	IN SUPPORT OF ENHANCING AND INTEGRATING COMMUNITY- LEVEL MARINE SPATIAL PLANS IN SUPPORT OF ACHIEVING A GOOD PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA (PNCIMA) MARINE SPATIAL PLAN. THIS GRANT ALSO SUPPORTS THE GRANTEE'S TRANSITION TO ORGANIZATIONAL AND FINANCIAL DURABILITY AND THEIR CONTINUED HELP IN IMPLEMENTING THE GREAT BEAR RAINFOREST AGREEMENTS.	1,779,375.
GULF OF MAINE RESEARCH INSTITUTE 350 COMMERCIAL STREET PORTLAND, ME 04101	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF WORK TO IMPROVE THE SECTOR MANAGEMENT SYSTEM FOR NEW ENGLAND'S GROUND FISH INDUSTRY, PROVIDE CONVENING AND TECHNICAL ASSISTANCE TO THE MONKFISH FISHERY AS IT DEVELOPS A NEW CATCH SHARE SYSTEM, ASSIST GROUND FISH SECTORS TO ADOPT CLEANER FISHING TECHNOLOGY, AND PROVIDE REGION-WIDE OUTREACH AND EDUCATION TO THE REGION'S FISHING INDUSTRY, FISHERIES MANAGEMENT AGENCIES, AND POLICY MAKERS.	1,016,625.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
HEALTH PLAN OF SAN MATEO 701 GATEWAY BLVD., SUITE 400 SOUTH SAN FRANCISCO, CA 94080	NONE UNIT OF GOVERNMENT	TO SUPPORT THE PILOT OF AN INTER-DISCIPLINARY TEAM -BASED CARE MANAGEMENT MODEL FOR HEALTH PLAN OF SAN MATEO HIGH UTILIZATION PATIENTS, MOST OF WHOM HAVE MULTIPLE CHRONIC CONDITIONS. THE PILOT WILL RESULT IN IMPROVED QUALITY OUTCOMES, REDUCED EMERGENCY DEPARTMENT VISITS AND HOSPITALIZATIONS, AND A COMMITMENT BY THE HEALTH PLAN OF SAN MATEO TO FULLY IMPLEMENT AND SUSTAIN THE NEW MODEL IF SUCCESSFUL.	400,000.
HEALTHCARE FOUNDATION OF NORTHERN AND CENTRAL CALI 1688 ORVIETTO DRIVE ROSEVILLE, CA 95661-3981	NONE 501(C)(3)509(A)(3)	TO LEAD BEACON, THE BAY AREA PATIENT SAFETY COLLABORATIVE, INTO ITS NEXT PHASE. THE GRANT SUPPORTS HOSPITAL CONVENING, QUALITY EDUCATION AND ON-SITE SUPPORT TO HOSPITALS PARTICIPATING IN THE COLLABORATIVE AND WORKING ON IMPROVEMENTS IN PATIENT OUTCOMES. THE GRANT OUTCOME IS THE ACHIEVEMENT OF BEST-IN-CLASS PATIENT SAFETY AND QUALITY IMPROVEMENT TARGETS BY AT LEAST 80% OF BEACON MEMBER HOSPITALS.	252,000.
INSTITUTO DE PESQUISA AMBIENTAL DA AMAZONIA BELEM PARA BRAZIL	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF A COMMUNITY FORESTRY PROJECT IN THE SETTLEMENT COMMUNITIES OF MOJU I AND II IN THE STATE OF PAR, BRAZIL, WHICH WILL SERVE AS A DEMONSTRATION FOR FOREST-BASED CO-MANAGEMENT BETWEEN COMMUNITIES, GOVERNMENT, AND THE TIMBER INDUSTRY.	517,546.
INSTITUTO DEL BIEN COMUN	NONE	TO SECURE GAINS THAT HAVE BEEN ACHIEVED THROUGH TWO PREVIOUS GBMF GRANTS IN THEIR AMPIYACU-ALGODON CONSERVATION PROGRAM IN THE DEPARTMENT OF LORETO AND THEIR PACHITEA WATERSHED CONSERVATION PROGRAM IN THE DEPARTMENTS OF PASCO AND HUNUCO, INCLUDING THE IMPLEMENTATION OF THE	200,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
AV. PETIT THOUARS 4381 MIRAFLORES 18 LIMA PERU	EQUIVALENT OF U.S. PUBL	OXAPAMPA BIOSPHERE RESERVE. THE GEO-REFERENCED MAPPING SYSTEM OF INDIGENOUS COMMUNITIES AND THE PERUVIAN AMAZONIAN ELECTRONIC LIBRARY, BOTH OPERATED BY THE GRANTEE, WILL BE UPDATED AND UPGRADED AND WILL GAIN WIDESPREAD DISSEMINATION.	
INSTITUTO DO HOMEM E MEIO AMBIENTE DA AMAZONIA RUA DOMINGOS MARREIROS, 2020 - BAIR 66060-160 BELEM PARA BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT THE ESTABLISHMENT OF DEFORESTATION FREE CATTLE PRODUCTION IN PARA AND MATO GROSSO, MONITOR THE IMPACTS OF CATTLE SECTOR POLICIES TO ENABLE ADAPTIVE MANAGEMENT OF STATE AND FEDERAL LEVEL PROCESSES, ENHANCE MONITORING AND ENFORCEMENT OF DEFORESTATION IN PROTECTED AREAS IN THE BRAZILIAN AMAZON, AND SECURE GAINS IN THE CALHA NORTE PROTECTED AREAS MOSAIC.	395,523.
INSTITUTO FLORESTA TROPICAL RUA DOS MUNDURUCUS, 1613 BAIRRO: 66025-660 BELEM PARA BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT A COMMUNITY FORESTRY PROJECT IN THE SETTLEMENT COMMUNITIES OF MOJU I AND II IN THE STATE OF PARA, BRAZIL THAT WILL SERVE AS A DEMONSTRATION FOR FOREST-BASED CO-MANAGEMENT BETWEEN COMMUNITIES, GOVERNMENT, AND THE TIMBER INDUSTRY.	213,029.
INSTITUTO INTERNACIONAL DE EDUCACAO DO BRASIL SHIS QI 05, BLOCO F, SALA 101 CENTRO 71606-900 BRASILIA, DF BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO ENABLE EFFECTIVE CO-MANAGEMENT OF PROTECTED AREAS AS IN THE BR-319 FRONTIER ZONE BY CREATING AND TRAINING LOCAL ASSOCIATIONS AND MANAGEMENT COUNCILS, AND BY RESTRUCTURING TWO LOCAL NGOS. IEB WILL ALSO SECURE ITS OWN FINANCIAL STABILITY THROUGH THE DEVELOPMENT AND IMPLEMENTATION OF A FUND-RAISING STRATEGY.	1,150,443.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
INSTITUTO SOCIOAMBIENTAL AV. HIGIENOPOLIS, 901 01238-001 SAO PAULO SP BRAZIL	NONE EQUIVALENT OF U.S. PUBL	TO SECURE GAINS THAT HAVE BEEN ACHIEVED THROUGH TWO PREVIOUS GBMF GRANTS. USER-FRIENDLY, INTERACTIVE FEATURES WILL BE INTRODUCED INTO THE WEB-BASED MONITORING SYSTEM FOR PROTECTED AREAS TO ALLOW FOR CUSTOMIZED REPORTING TO ADDRESS SPECIFIC DEMANDS THAT ARISE REGARDING PROTECTED AREAS. RESOURCE MANAGEMENT TECHNIQUES WILL BE CODIFIED THROUGH THE DEVELOPMENT OF CURRICULAR MATERIALS TO BE USED IN TRAINING A NEW GENERATION OF INDIGENOUS LAND MANAGERS FOR APPLICATION ACROSS 8.5 MILLION HECTARES OF INDIGENOUS LANDS IN THE UPPER NEGRO RIVER BASIN. A REDESIGNED PLANNING PROCESS FOR THE TERRITORIAL OR DEVELOPMENT AND IMPLEMENTATION OF A FUND-RAISING STR BASIN WILL BE COMPLETED, WITH SUPPORTING DOCUMENTS AND MAPS PUBLISHED.	208,499.
ISLAND INSTITUTE PO BOX 648 ROCKLAND, ME 04841	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE MIDCOAST FISHERMEN'S ASSOCIATION AND PORT CLYDE COMMUNITY SECTOR IN THE SUCCESSFUL AND SUSTAINABLE IMPLEMENTATION OF SECTOR-BASED CATCH SHARE MANAGEMENT. THIS WILL SERVE AS A MODEL FOR COMMUNITY-BASED GROUND FISH SECTORS IN NEW ENGLAND, COMPRISED PRIMARILY OF SMALL BOATS AND MID-SIZED TRAWLERS, AND WILL ALSO FOSTER THOUGHT LEADERSHIP ON POLICY.	248,140.
IWOKRAMA INTERNATIONAL CENTRE FOR RAIN FOREST CONS	NONE	TO ENABLE THE PARTICIPATION OF AMERINDIAN, GOVERNMENT AND PRIVATE SECTOR STAKEHOLDERS IN SUSTAINABLE FOREST MANAGEMENT, SUPPORT EFFECTIVE LANDSCAPE-SCALE MONITORING AND MODELING OF FOREST COVER, BIODIVERSITY AND ECOSYSTEM FUNCTION, AND PROMOTE BEST PRACTICES IN THE PUBLIC AND PRIVATE FORESTRY SECTOR, THUS SUPPORTING NATIONAL EFFORTS	519,643.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

ATTACHMENT 24 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
77 HIGH STREET KINGSTON GEORGETOWN GUYANA	UNIT OR AGENCY OF FORE	TO REDUCE DEFORESTATION AND FOREST DEGRADATION IN GUYANA.	
JOHNS HOPKINS UNIVERSITY 3701 SAN MARTIN DRIVE BALTIMORE, MD 21218	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF NEW SCIENTIFIC DISCOVERIES ENABLED THROUGH INNOVATIVE ANALYSES OF EXTREME-SCALE DATASETS. FUNDING WILL BE USED TO DEVELOP TECHNOLOGIES AND CREATE ADVANCED METHODS OF ANALYSIS FOR DATA-INTENSIVE SCIENCE FROM AREAS SUCH AS WIRELESS SENSOR GES IN COSMOLOGY.	400,000.
JOHNS HOPKINS UNIVERSITY 3701 SAN MARTIN DRIVE BALTIMORE, MD 21218	NONE 501(C)(3)509(A)(1)	TO SUPPORT THE INVENTION AND DEVELOPMENT OF NOVEL INSTRUMENTATION AND METHODS TO GENERATE AND DETECT TERAHERTZ RADIATION AT LOW TEMPERATURES AND IN MAGNETIC FIELDS. THE NEW TECHNIQUES WILL BE USED TO OBTAIN FUNDAMENTAL KNOWLEDGE ABOUT THE DYNAMIC PROPERTIES OF CONDENSED MATTER SYSTEMS, APPLICABLE TO A WIDE RANGE OF BIOLOGICAL, CHEMICAL, AND PHYSICAL INVESTIGATIONS.	847,755.
KAISER FOUNDATION HOSPITALS	NONE	TO ACCELERATE A REGION-WIDE PROGRAM TO REDUCE SEPSIS MORTALITY. THE GRANT WILL ENSURE IMPLEMENTATION OF EVIDENCE-BASED BEST PRACTICES IN EARLY IDENTIFICATION AND TREATMENT OF PATIENTS WITH SEVERE SEPSIS (I.E., OVERWHELMING BLOODSTREAM INFECTION) THAT HAVE BEEN SHOWN TO REDUCE SEPSIS MORTALITY. ACHIEVEMENT OF THE AGGRESSIVE GOALS FOR IMPLEMENTATION OF BEST PRACTICES THAT KFH HAS COMMITTED TO WILL REDUCE SEPSIS MORTALITY IN THE KFH SAN FRANCISCO (S FBA) AND GREATER SACRAMENTO (GS) HOSPITALS AND WIL L HELP KFH IDENTIFY HOW TO SUSTAIN THESE REDUCTIONS	1,000,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
1800 HARRISON ST., 17TH FLOOR OAKLAND, CA 94612	501 (C) (3) 509 (A) (1)	ACROSS THE KFH SFBA AND GS HOSPITALS.	
KAISER FOUNDATION HOSPITALS 1800 HARRISON ST., 17TH FLOOR OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE COLLECTION AND ANALYSIS OF SIX ADDITIONAL MONTHS OF PATIENT OUTCOME DATA, AS WELL AS THE PILOT OUTCOME DATA, TO DETERMINE THE EFFECT OF THE TRANSITIONAL CARE MODEL (TCM) PROGRAM ON REDUCING HOSPITAL READMISSIONS AT KAISER SAN FRANCISCO, KAISER HAYWARD/FREMONT, AND KAISER REDWOOD CITY.	72,563.
LIFE SCIENCES RESEARCH FOUNDATION 3520 SAN MARTIN DRIVE BALTIMORE, MD 21218	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF PRESTIGIOUS POST-DOCTORAL FELLOWSHIPS FOR FOUR TOP RESEARCHERS IN BIOLOGICAL SCIENCE DISCIPLINES TYPICALLY UNDERFUNDED BY OTHER GRANTING SOURCES. THE FELLOWSHIPS WILL LAST THREE YEARS.	399,000.
LIVING OCEANS SOCIETY BOX 320 VON 3E0 SOINTULA BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING TECHNICAL ANALYSES IN SUPPORT OF MARINE SPATIAL PLANNING AND THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA (PNCIMA) INITIATIVE.	146,047.
MARINE BIOLOGICAL LABORATORY 7 MBL STREET WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE MICROBIAL DIVERSITY SUMMER COURSE, ONE OF FIVE COUPLED GRANTS INTENDED TO TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	365,032.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

ATTACHMENT 24 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
MARINE FISH CONSERVATION NETWORK 600 PENNSYLVANIA AVENUE, SE #210 WASHINGTON, DC 20003	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF EFFORTS TO IMPROVE THE EFFICIENCY OF FEDERAL INVESTMENTS IN FISHERIES AND REDUCE UNCERTAINTY IN MANAGEMENT. THE PROJECT WILL CREATE A PUBLICLY AVAILABLE REPORT, TRACKING HISTORIC FUNDING FOR FISHERIES PROGRAMS IN THE UNITED STATES AND ILLUSTRATING THE RELATIONSHIP BETWEEN FUNDING LEVELS AND BIOLOGICAL AND ECONOMIC CONDITIONS IN MANAGEMENT REGIONS.	72,900.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVE. CAMBRIDGE, MA 02139-4307	NONE 501(C)(3)509(A)(1)	TO SUPPORT RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. EDWARD F. DELONG ON THE DYNAMICS OF THE COMPOSITION AND GENE EXPRESSION PATTERNS OF PLANKTONIC MICROBIAL COMMUNITIES. OUTCOMES FOR THIS GRANT INCLUDE A DEEPER UNDERSTANDING OF HOW BACTERIAL AND ARCHAEOAL POPULATIONS CHANGE IN SPACE AND TIME IN NATURAL AND PERTURBED MARINE SYSTEMS, HOW MICROBES COMMUNICATE WITH EACH OTHER IN OCEAN ENVIRONMENTS, AND HOW WIDELY DISTRIBUTED GENES OF IMPORTANT ECOLOGICAL FUNCTION IMPACT MARINE BIOGEOCHEMICAL CYCLES.	1,239,651.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVE. CAMBRIDGE, MA 02139-4307	NONE 501(C)(3)509(A)(1)	TO SUPPORT RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. SALLIE (PENNY) W. CHISHOLM ON THE ECOLOGY OF PROCHLOROCOCCUS, A MAJOR GROUP OF PRIMARY PRODUCERS IN THE UPPER OCEAN, AND ITS MECHANISMS OF EVOLUTION. OUTCOMES FOR THIS GRANT INCLUDE A DEEPER UNDERSTANDING OF ECOLOGICAL DIFFERENTIATION AMONG VARIOUS GROUPS OF PROCHLOROCOCCUS AND HOW THEY INTERACT WITH CO-OCCURRING HETEROTROPHIC BACTERIA AND INFECTIVE VIRUSES. KEY PHYSIOLOGICAL AND TIMES SERIES DATA ARE EXPECTED TO BE GENERATED AND SUPPLIED TO ECOSYSTEM MODELS.	1,169,069.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
MERIDIAN INSTITUTE PO BOX 1829, 105 VILLAGE PLACE DILLON, CO 80435	NONE 501 (C) (3) 509 (A) (1)	TO PROVIDE SCIENCE-BASED ANALYSIS AND SUPPORT IN FURTHERANCE OF THE GOALS OF THE JULY 2010 U.S. FRAMEWORK FOR COASTAL AND MARINE SPATIAL PLANNING.	818,756.
MIDDLE BAY SUSTAINABLE AQUACULTURE INSTITUTE 680-220 CAMBIE ST. V6B 2M9 VANCOUVER BC CANADA	NONE EXPENDITURE RESPONSIBI	IN SUPPORT OF A DEMONSTRATION PROJECT FOR 'CLOSED CONTAINMENT' SALMON PRODUCTION, WHICH WILL VALIDATE ITS TECHNOLOGICAL FEASIBILITY AND PROVIDE COMPELLING EVIDENCE OF ITS COMMERCIAL VIABILITY. WORK WILL INCLUDE, FIRST, REVISING GOVERNANCE, MANAGEMENT, AND THE WORKPLAN IN PREPARATION FOR COMPLETING THE DEMONSTRATION PROJECT, AND SECOND, COMPLETING THE CONSTRUCTION, INSTALLATION, AND ONE FULL SALMON GROW-OUT CYCLE IN A SINGLE TANK.	114,400.
MINISTERIO DEL AMBIENTE, REPUBLICA DEL PERU AV. JAVIER PRADO OESTE 1440, SAN IS LIMA PERU	NONE UNIT OR AGENCY OF FORE	FOR THE DEVELOPMENT OF THE INSTITUTIONAL, LEGAL AND TECHNICAL CAPACITY OF THE MINISTRY OF ENVIRONMENT (MINAM) AND OTHER RELEVANT INSTITUTIONS INVOLVED IN DEVELOPING A REDUCTION IN EMISSIONS DUE TO DEFORESTATION AND DEGRADATION (REDD) PROGRAM IN PERU. THIS GRANT WILL SUPPORT THE PREPARATORY PHASE OF A NATIONAL STRATEGY TO REDUCE EMISSIONS FROM DEFORESTATION, FOREST DEGRADATION, AND OTHER FOREST SECTOR ACTIVITIES (REDD+), AS WELL AS THE SELECTION AND IMPLEMENTATION OF RELATED ACTIVITIES REDD+ IN SEVERAL REGIONS OF PERU.	729,936.
MISSOURI BOTANICAL GARDEN BOARD OF TRUSTEES	NONE	IN SUPPORT OF THE BIODIVERSITY HERITAGE LIBRARY'S EFFORT TO DEVELOP A COMPREHENSIVE AND SUSTAINABLE INFRASTRUCTURE FOR THE WORLD'S BIODIVERSITY LITERATURE. THROUGH GLOBAL COORDINATION WITH	230,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
4344 SHAW BOULEVARD ST. LOUIS, MO 63110	501 (C) (3) 509 (A) (1)	REGIONAL PARTNERS, THIS PROJECT WILL GUIDE THE TECHNICAL INFRASTRUCTURE IMPLEMENTATION, ALIGN GOALS, ENSURE TRANSPARENT COMMUNICATION, AND SUPPORT THE ESTABLISHMENT OF A SEAMLESS GLOBAL BIODIVERSITY HERITAGE LIBRARY WITH A DISTRIBUTED, INTEROPERABLE NETWORK OF DIGITAL REPOSITORIES.	
MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD MOSS LANDING, CA 95039-9644	NONE PRIVATE OPERATING FOUN	IN SUPPORT OF THE DEVELOPMENT OF MICROFLUIDIC CHIP TECHNOLOGY TO DETECT THE PRESENCE AND FUNCTION OF BIOLOGICAL ORGANISMS IN ENVIRONMENTAL SETTINGS. FUNDING WILL BE USED TO DRAMATICALLY INCREASE CURRENT ANALYTICAL THROUGHPUT (REACTION SPEED AND TOTAL NUMBER OF SAMPLES), DECREASE REAGENT AND SAMPLE AMOUNTS, AND TO DEPLOY THIS TECHNOLOGY ON THE ENVIRONMENTAL SAMPLE PROCESSOR FOR EXTENDED PERIODS IN REMOTE LOCATIONS.	2,170,000.
MORRIS K. UDALL AND STEWART L. UDALL FOUNDATION 130 SOUTH SCOTT AVENUE TUCSON, AZ 85701-1922	NONE UNIT OF GOVERNMENT	TO SUPPORT THE DESIGN AND POTENTIAL PILOT IMPLEMENTATION OF A BI-PARTISAN, INCLUSIVE PUBLIC ENGAGEMENT PROCESS BY THE NATIONAL OCEAN COUNCIL IN FURTHERANCE OF THE UNITED STATES NATIONAL OCEAN POLICY. FUNDING WILL BE USED TO PRODUCE BEST PRACTICE RECOMMENDATIONS FOR ELICITING AND INCORPORATING INPUT FROM THE GENERAL PUBLIC AND A BROAD SPECTRUM OF OCEAN USERS, INCLUDING TRIBES.	1,107,880.
NANWAKOLAS COUNCIL 203 - 2005 EAGLE DRIVE V9H-1V8 CAMPBELL RIVER BC CANADA	NONE EXPENDITURE RESPONSIBI	FOR THE ORGANIZATION'S LEADERSHIP PARTICIPATION WITHIN THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA (PNCIMA) INITIATIVE, AND THE DEVELOPMENT AND INTEGRATION OF SMALLER-SCALE COMMUNITY AND REGIONAL-LEVEL MARINE SPATIAL PLANS, WHICH WILL IN TURN HELP ACHIEVE A GOOD PNCIMA MARINE SPATIAL PLAN.	637,064.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, ROOM KECK 1049 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF CONVENING SCIENTISTS, EDUCATORS, AND ENTERTAINMENT PROFESSIONALS FOR A SUMMIT IN FALL 2010 TO DISCUSS BENEFITS, CHALLENGES, AND STRATEGIES FOR USING POPULAR FICTIONAL FILM, TELEVISION, AND VIDEO GAMES EFFECTIVELY IN SCIENCE EDUCATION. BASED ON KEY IDEAS FROM THE SUMMIT, A PILOT PROJECT WILL REACH OUT TO STAKEHOLDERS AND FURTHER RAISE AWARENESS AROUND IMPORTANT INTERSECTIONS OF SCIENCE, EDUCATION, AND ENTERTAINMENT.	225,000.
NATIONAL FISH AND WILDLIFE FOUNDATION 1133 FIFTEENTH STREET, NW, SUITE 1100 WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE TRANSITION OF U.S. FISHERIES TO CATCH SHARE PROGRAMS BY ENCOURAGING FISHERMEN TO PURSUE INNOVATIVE MANAGEMENT STRATEGIES THROUGH A COMPETITIVE GRANT AWARD PROCESS.	642,412.
NATURE AND CULTURE INTERNATIONAL 1400 MAIDEN LANE DEL MAR, CA 92014	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT AND STRENGTHEN PROCREL'S (PROGRAM FOR THE CONSERVATION AND SUSTAINABLE MANAGEMENT OF THE REGIONAL BIODIVERSITY OF LORETO) ABILITY TO CONSERVE THE EXTRAORDINARY BIODIVERSITY OF THE LOWLAND AMAZON FORESTS OF LORETO, PERU. CONSERVATION WILL BE ACHIEVED THROUGH (1) CONSOLIDATION OF THE MANAGEMENT OF 1.9 MILLION HECTARES OF NEW REGIONAL CONSERVATION AREAS, (2) PROMOTING THE PROTECTION OF KEY ECOLOGICAL PROCESSES ESSENTIAL FOR THE RESILIENCE OF THE AMAZON ECOSYSTEMS (3) DEVELOPMENT OF COMMUNITY-BASED RESOURCE MANAGEMENT AND CONSERVATION PRACTICES, AND (4) STRENGTHENING THE TECHNICAL CAPACITIES OF THE REGIONAL GOVERNMENT FOR SUSTAINABLE LANDSCAPE MANAGEMENT PRACTICES	314,770.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

ATTACHMENT 24 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE INNOVATIVE CONSERVATION FINANCE INITIATIVE CALLED FOREVER COSTA RICA. THROUGH THIS PUBLIC-PRIVATE PARTNERSHIP EFFORT COSTA RICA WILL ESTABLISH AN ECOLOGICALLY REPRESENTATIVE AND EFFECTIVELY MANAGED SYSTEM OF TERRESTRIAL, FRESHWATER, AND MARINE PROTECTED AREAS, WITH A STABLE SOURCE OF FUNDING, MAKING COSTA RICA THE FIRST DEVELOPING COUNTRY IN THE WORLD TO MEET ITS GOALS UNDER THE UNITED NATIONS' CONVENTION ON BIOLOGICAL DIVERSITY'S PROGRAM OF WORK ON PROTECTED AREAS.	500,000.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DESIGN AND IMPLEMENTATION OF TRANSFERABLE TOOLS, INCLUDING COLLECTIVE FISHING ARRANGEMENTS AND ELECTRONIC MONITORING, TO ENSURE THE DURABILITY OF THE PACIFIC GROUND FISH TRAWL CATCH SHARE PROGRAM. FUNDING WILL BE USED TO ENACT NECESSARY POLICIES AND ADVANCE PRACTICAL, ON-THE-WATER DEMONSTRATIONS THAT ALIGN COMMUNITY OBJECTIVES WITH CONSERVATION GOALS WITHIN THE PACIFIC GROUND FISH FISHERY.	162,250.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE IMPLEMENTATION OF THE 2010 U.S. NATIONAL OCEAN POLICY AND FRAMEWORK FOR COASTAL AND MARINE SPATIAL PLANNING. THE GRANTEE WILL USE THEIR EXPERIENCE WITH DESIGNING OCEAN DATA PLATFORMS AND DECISION TOOLS TO IMPROVE NATIONAL DATA SYSTEMS AND STANDARDS. THIS GRANT COMPLETES A PORTFOLIO WITH GRANT #2519, LEVERAGING THE GRANTEE'S WORK IN TWO KEY REGIONS FOR NATIONAL IMPACT.	377,300.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501(C) (3) 509(A) (1)	TO HELP POSITION THE REGION AS A FEDERAL MARINE SPATIAL PLANNING (MSP) PILOT, AND TO SUPPORT THE DEVELOPMENT OF A 'GOOD' MSP FRAMEWORK AND PROCESS FOR NEW ENGLAND BY DIRECTLY SUPPORTING THE REGIONAL PLANNING BODY AND PROCESS, BRINGING A RANGE OF TOOLS AND DATA TO MANAGERS AND PLANNERS, AND CONNECTING STATE MSP PROCESSES TO THE REGIONAL SCALE TO ENSURE COMPATIBILITY AND LEARNING.	320,100.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501(C) (3) 509(A) (1)	TO MAKE GLOBAL-SCALE CONSERVATION DATASETS PUBLICLY AVAILABLE IN A CLOUD COMPUTING PLATFORM AND GEOSPATIAL DATABASE FACILITY PROVIDED BY GOOGLE'S EARTH ENGINE, AND WILL ALSO FOSTER LONG-TERM OPEN DATA SHARING MECHANISMS AND COMMITMENTS BY THE OWNER COMMUNITY.	99,550.
NEW FORESTS ADVISORY, INC. 601 MONTGOMERY STREETSUITE 665 SAN FRANCISCO, CA 94111	NONE EXPENDITURE RESPONSIBI	TO SUPPORT THE DESIGN AND IMPLEMENTATION OF MARKET BASED CONSERVATION INCENTIVES FOR PRIVATE LANDOWNERS IN THE AMAZON.	166,953.
OCEAN CONSERVANCY INC. 1300 19TH ST. NW, 8TH FLOOR WASHINGTON, DC 20036	NONE 501(C) (3) 509(A) (1)	FOR THE ADVANCEMENT OF GOOD MARINE SPATIAL PLANNING (MSP) AS THE PRIMARY APPROACH TO MANAGING OCEAN ACTIVITIES IN THE U.S. LEADING TO RESILIENT AND PRODUCTIVE MARINE ECOSYSTEMS. FUNDING WILL BE USED TO EXPAND STAKEHOLDER SUPPORT FOR MSP AND HELP SECURE LASTING INSTITUTIONAL CHANGE THAT WILL BUILD A FOUNDATION FOR GOOD MSP AT THE FEDERAL AND REGIONAL LEVELS.	1,242,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

ATTACHMENT 24 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
OREGON STATE UNIVERSITY 220 NASH HALL CORVALLIS, OR 97331-3804	NONE UNIT OF GOVERNMENT	IN SUPPORT OF RESEARCH IN THE LABORATORY OF INVESTIGATOR DR. STEPHEN J. GIOVANNONI ON THE DYNAMICS OF A KEY GROUP OF MARINE PLANKTONIC MICROORGANISMS THAT REQUIRE EXTERNAL SOURCES OF CARBON FOR FOOD AND ENERGY. THIS ABUNDANT, ECOLOGICALLY IMPORTANT GROUP OF BACTERIA WILL BE STUDIED WITH RESPECT TO ITS COMPOSITION, GENE AND PROTEIN EXPRESSION PATTERNS, GENOME CONTENT, AND NUTRITIONAL REQUIREMENTS. OUTCOMES FOR THIS GRANT INCLUDE A DEEPER UNDERSTANDING OF HOW POPULATIONS OF THESE BACTERIA CHANGE IN SPACE AND TIME IN NATURAL MARINE SYSTEMS, HOW THEY HAVE EVOLVED TO COPE WITH LOW NUTRIENT LEVELS, AND HOW THIS UBIQUITOUS AND NUMERICALLY PREDOMINANT GROUP IMPACTS MARINE BIOGEOCHEMICAL CYCLES.	828,414.
OREGON STATE UNIVERSITY 104 COAS ADMINISTRATION BUILDING CORVALLIS, OR 97331-5503	NONE UNIT OF GOVERNMENT	TO SUPPORT CHARACTERIZATION OF THE MICROBIAL RESPONSES TO TWO DISTINCT SEASONAL OXYGEN MINIMUM ZONE ENVIRONMENTS AND TO ESTABLISH THE GEOLOGICAL HISTORY OF OXYGENATION AT EACH SITE. THE PROPOSED EFFORT AIMS TO DESCRIBE THE CHEMICAL AND PHYSICAL NATURE OF SEASONAL OXYGEN MINIMUM ZONES OFF THE COASTS OF CENTRAL CHILE AND OREGON, TO IDENTIFY SIMILARITIES AND DIFFERENCES BETWEEN THEIR PELAGIC MICROBIAL ASSEMBLAGES AND BIOGEOCHEMICAL PROCESSES, AND TO DETERMINE THE LONG-TERM VARIABILITY OF OXYGENATION IN THESE REGIONS. THE CONCLUSIONS WILL BE SYNTHESIZED IN AN INTER-DISCIPLINARY MANNER ACROSS THE FIELDS OF MARINE MICROBIAL ECOLOGY, PHYSICAL OCEANOGRAPHY, BIOGEOCHEMISTRY AND PALEOCEANOGRAPHY.	211,894.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PACIFIC SALMON FOUNDATION #300 - 1682 WEST 7TH AVENUE V6J 4S6 VANCOUVER BC CANADA	NONE EQUIVALENT OF U.S. PUBL	TO SUPPORT ENHANCEMENT OF THE SCIENTIFIC BASELINE INFORMATION AVAILABLE TO SKEENA WATERSHED STAKEHOLDERS IN DEVELOPING RECOMMENDATIONS FOR IMPLEMENTATION OF THE HARVEST REFORM PROVISIONS IN CANADA'S NEW WILD SALMON POLICY.	406,080.
PACIFIC STATES MARINE FISHERIES COMMISSION 205 S.E. SPOKANE STREET PORTLAND, OR 97202-6413	NONE UNIT OF GOVERNMENT	TO DEVELOP A STRUCTURE AND PROCESS FOR REGIONAL COASTAL AND MARINE SPATIAL PLANNING, CONSISTENT WITH THE REQUIREMENTS OF THE NATIONAL OCEAN POLICY. FUNDING WILL BE USED TO ASSESS CAPACITY AND NEEDS FOR PLANNING, DEVELOP AN APPROPRIATE REGIONAL PLANNING STRUCTURE, AND CREATE A COLLABORATIVE PLANNING PROCESS FOR THE REGION.	41,276.
PALO ALTO MEDICAL FOUNDATION FOR HEALTHCARE RESEAR 2350 WEST EL CAMINO MOUNTAIN VIEW, CA 94040	NONE 501 (C) (3) 509 (A) (1)	TO DESIGN, PILOT, AND EVALUATION A NEW CARE DELIVERY MODEL UTILIZING HEALTH INFORMATION TECHNOLOGY, INCLUDING AN INTERACTIVE PERSONAL HEALTH RECORD, AT THE PALO ALTO MEDICAL FOUNDATION, WITH THE GOAL OF CONTROLLING BLOOD PRESSURE FOR PATIENTS DIAGNOSED WITH HYPERTENSION.	600,000.
PALO ALTO MEDICAL FOUNDATION FOR HEALTHCARE RESEAR	NONE	IN SUPPORT OF THE IMPROVEMENT OF PRIMARY CARE AT THE PALO ALTO MEDICAL FOUNDATION (PAMF), INCLUDING IMPROVEMENTS TO PRIMARY CARE WORKFLOW PROCESSES AND THE COMPLETION OF A STRATEGIC PLAN TO IMPROVE CA RE FOR PATIENTS WITH CHRONIC CONDITIONS. THIS PROGRAM WILL LEAD TO THE OUTCOMES OF IMPROVEMENTS IN THE QUALITY AND EFFICIENCY OF PRIMARY CARE DELIVERED BY PAMF TO ITS PATIENTS. AS SUCH, THIS GRANT SHOULD NOT ONLY IMPROVE CARE FOR PATIENTS AT PAMF SPECIFICALLY, BUT ALSO PROVIDE VALUABLE KNOWLEDGE APPLICABLE TO	581,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2350 WEST EL CAMINO MOUNTAIN VIEW, CA 94040	501 (C) (3) 509 (A) (1)	PRIMARY CARE SETTINGS IN GENERAL.	
PATRIMONIO NATURAL FONDO PARA LA BIODIVERSIDAD Y A EDIFICIO CENTRO AVENIDA DE CHILE, P BOGOTA COLOMBIA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF THE EXPANSION OF THE SERRAN;A DE CHIRIBIQUETE NATIONAL NATURAL PARK AND ECOLOGICAL/ECONOMIC ZONING OF ITS BUFFER ZONES, RESULTING IN THE CONSERVATION AND SUSTAINABLE USE OF FIVE MILLION HA IN THE COLOMBIAN AMAZON. THIS GRANT WILL ALSO DEVELOP THE CONCEPTUAL FRAMEWORK AND IMPLEMENTATION MODEL FOR AN EMERGING STRATEGY FOR GOVERNANCE, CONSERVATION, AND SUSTAINABLE USE FOR THE COLOMBIAN AMAZON.	236,926.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 26 OXFORD ST CAMBRIDGE, MA 02138	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT A COMPREHENSIVE EVALUATION AND FURTHER DEVELOPMENT OF THE PREDICTIVE CAPABILITIES OF FOUR STATE-OF-THE-ART TERRESTRIAL ECOSYSTEM MODELS AGAINST A SUITE OF FIELD MEASUREMENTS COLLECTED OVER A RANGE OF SPATIAL AND TEMPORAL SCALES IN ORDER TO PREDICT HOW LAND-COVER CHANGE AND CHANGES IN CLIMATE WILL AFFECT THE DYNAMIC COMPOSITION, STRUCTURE AND FUNCTIONING OF AMAZONIAN ECOSYSTEMS OVER THE COMING CENTURY.	515,856.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 405 HILGARD AVE / 7127 MATH SCIENCES BLDG LOS ANGELES, CA 90095-1565	NONE UNIT OF GOVERNMENT	TO DEVELOP OPEN-SOURCE, EVIDENCE-BASED, PREDICTIVE, ECOSYSTEM MODELS OF THE PHYSICAL AND BIOLOGICAL FACTORS THAT CONTRIBUTE TO THE INTENSITY, SCALE, AND DURATION OF SEASONAL OXYGEN MINIMUM ZONES. THESE PREDICTIVE MODELS WILL ALSO EXPLORE HOW SEASONAL LOW-OXYGEN ENVIRONMENTS ARE LIKELY TO RESPOND TO FUTURE ENVIRONMENTAL CHANGE AND THE POSSIBLE CONSEQUENCES FOR MICROBially-MEDIATED GLOBAL BIOGEOCHEMICAL CYCLES.	172,929.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA EARTH AND MARINE SCIENCES BLDG-A316 SANTA CRUZ, CA 95064	NONE UNIT OF GOVERNMENT	FOR RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. JONATHAN P. ZEHR ON THE MICROBIOLOGICAL UNDERPINNINGS OF THE NITROGEN CYCLE IN THE OCEAN. OBJECTIVES OF THIS GRANT ARE TO INVESTIGATE THE MICROBIOLOGY, DIVERSITY, PHYSIOLOGY, BIOCHEMISTRY, AND BIOGEOCHEMISTRY OF THE OPEN OCEAN NITROGEN CYCLE, INCLUDING N2 FIXATION AND NITRATE ASSIMILATION.	970,327.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MC 0436 LA JOLLA, CA 92093-0436	NONE UNIT OF GOVERNMENT	TO ESTABLISH A COMMUNITY RESOURCE AND INTELLECTUAL CENTER THAT WILL FACILITATE AND CREATE REVOLUTIONARY KNOWLEDGE ADVANCES IN MARINE MICROBIAL ECOLOGY, THE MICROBIAL ECOLOGY OF OTHER NATURAL ENVIRONMENTS, AND EVOLUTIONARY BIOLOGY. OUTCOMES FOR THIS GRANT INCLUDE CONSTRUCTION OF A CENTRAL GENOMIC AND METAGENOMICS DATA REPOSITORY AND A SUITE OF TOOLS FOR ANALYSIS AND VISUALIZATION THAT PROVIDES OPEN, EASY ACCESS TO THE INTERNATIONAL SCIENTIFIC COMMUNITY.	3,246,591.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 735 STATE STREET, SUITE 300 SANTA BARBRA, CA 93101	NONE UNIT OF GOVERNMENT	IN SUPPORT OF WORK BY THE UNIVERSITY OF CALIFORNIA SANTA BARBARA NATIONAL CENTER FOR ECOLOGICAL ANALYSIS AND SYNTHESIS TO ADVANCE THE SCIENTIFIC UNDERSTANDING OF HOW CLIMATE CHANGE MAY AFFECT PACIFIC SALMON ACTIVITIES WILL FOCUS ON SYNTHESIZING EXISTING INFORMATION AND DATA TO ADDRESS A SUITE OF QUESTIONS THAT ARE RELEVANT TO SALMON CONSERVATION AND MANAGEMENT.	20,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	TO SUPPORT THE FIRST DNA BARCODE-BASED ?ALL TAXA BIOLOGICAL INVENTORY (ATBI), OF A MODEL ECOSYSTEM, SPECIFICALLY THE ISLAND OF MOOREA. THE PROPOSED WORK WILL ACCELERATE ECOLOGICAL	778,572.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
119 CALIFORNIA HALL BERKELEY, CA 94720	UNIT OF GOVERNMENT	DISCOVERY THROUGH THE MODEL ECOSYSTEM APPROACH, ENABLING THE DEVELOPMENT OF MORE INNOVATIVE AND EFFECTIVE CONSERVATION STRATEGIES.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1156 HIGH STREET SANTA CRUZ, CA 95064	NONE UNIT OF GOVERNMENT	TO IDENTIFY RELEVANT PROBES AND TEST BIOLOGICAL SENSORS TO DEPLOY ON REMOTE, IN SITUOCEAN OBSERVING PLATFORMS. DATA GENERATED FROM THESE STUDIES WILL BE USED TO INFORM MODELS DEVELOPED TO EVALUATE THE EFFECTS OF MICROORGANISMS ON THE EARTH'S BIOME, AS WELL AS THEIR RESPONSES TO GLOBAL ENVIRONMENTAL CHANGES.	2,075,028.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2789 25TH STREET, SUITE 2028 SAN FRANCISCO, CA 94110	NONE UNIT OF GOVERNMENT	TO IMPLEMENT PHASE II OF THE INTEGRATED NURSE LEADERSHIP PROGRAM (INLP), AND CONTINUE TO DEVELOP CUR RICULUM THAT ADDRESSES FRONTLINE PRACTITIONERS' LEADERSHIP AND CHANGE MANAGEMENT SKILLS, IMPROVES MEDICATION ADMINISTRATION PROCESSES, AND RESULTS IN EARLIER IDENTIFICATION AND TREATMENT OF SEPSIS (OVERWHELMING BLOODSTREAM INFECTION). IT WILL ALSO IN CREASE PARTICIPATION OF NURSES FROM THE FIVE BAY AREA COUNTIES IN THE REGIONAL NURSE NETWORK (RN2). OUTCOMES INCLUDE REDUCTION IN THE RATES OF MEDICATION ADMINISTRATION ERRORS, AND INPATIENT MORTALITY FROM SEVERE SEPSIS IN EIGHT BAY AREA ADULT ACUTE CARE HOSPITALS.	1,562,568.
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	TO SELECT 80 INTER-PROFESSIONAL EMERGING HEALTHCARE LEADERS ('MASTER CHANGE AGENTS'), HIGHLY DEVELOP THEIR LEADERSHIP SKILLS TO LEAD AND SUSTAIN CHANGE, AND ENSURE SIGNIFICANTLY IMPROVED PATIENT OUTCO MES AND COSTS ACROSS 20 ADULT ACUTE CARE HOSPITALS IN THE FIVE-COUNTY BAY	2,320,762.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2789 25TH STREET, SUITE 2028 SAN FRANCISCO, CA 94110	UNIT OF GOVERNMENT	AREA. CHP WILL DEVELOP THESE INDIVIDUALS THROUGH A FORMAL, NON-DEGREE LEADER SHIP CURRICULUM, INDIVIDUAL PROFESSIONAL DEVELOPE NT, PROJECT-BASED LEARNING AND A SUSTAINING PROFESSIONAL NETWORK.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA OFFICE OF RESEARCH, SPONSORED PROGRAMS, 1850 RESEA DAVIS, CA 95618	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE BETTY IRENE MOORE SCHOOL OF NURSING AT THE UNIVERSITY OF CALIFORNIA, DAVIS FOR THE (I) ENROLLMENT AND GRADUATION OF PHD AND MS STUDENTS; (II) FACULTY RECRUITMENT AND DEVELOPMENT; (III) INTERNAL EVALUATION METHODOLOGY, (IV) REVENUE GENERATION STREAMS; AND (V) DEVELOPMENT OF A PLAN FOR THE LAUNCH OF A BACHELORS OF SCIENCE IN NURSING PRE-LICENSURE PROGRAM IN THE FALL 2015.	29,050,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA UNIVERSITY OF CALIFORNIA, SANTA BARBARA SANTA BARBARA, CA 93106-6150	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE PARTNERSHIP FOR INTERDISCIPLINARY STUDIES OF COASTAL OCEANS (PISCO) TO SUPPORT THEIR SUBTIDAL KELP FOREST MONITORING PROGRAM IN CALIFORNIA AND THEIR ENGAGEMENT WITH THE MARINE LIFE PROTECTION ACT (MLPA) PROCESS. PISCO'S MONITORING PROGRAM WILL HELP ENSURE THAT EXISTING MPAS IN THE CENTRAL COAST REGION AND THOSE NEWLY DESIGNATED IN SOUTHERN CALIFORNIA ARE ADEQUATELY MONITORED. PISCO SCIENTISTS WILL SYNTHESIZE AND ANALYZE MONITORING DATA TO PROVIDE RELEVANT AND USEFUL INFORMATION TO THE CALIFORNIA DEPARTMENT OF FISH AND GAME AND THE MONITORING ENTERPRISE TO INFORM MARINE MANAGEMENT DECISIONS.	846,492.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 500 PARNASSUS AVENUE, MU3E, BOX 0900 SAN FRANCISCO, CA 94143	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE DEVELOPMENT, IMPLEMENTATION, AND EVALUATION OF A RANDOMIZED CONTROLLED TRIAL TO TEST THE EFFICACY OF A PRIMARY CARE HEALTH COACHING INTERVENTION AT THE MISSION NEIGHBORHOOD HEALTH CLINIC (MNHC) IN SAN FRANCISCO, WITH THE GOAL OF IMPROVING OUTCOMES FOR PATIENTS DIAGNOSED WITH TYPE 2 DIABETES AND/OR HYPERTENSION. BY IMPLEMENTING THE HEALTH COACHING INTERVENTION AT THE CLINIC, THE PROJECT IS ANTICIPATED TO RESULT IN LOWER RATES AND/OR MITIGATION OF ADVERSE EVENTS AND COMPLICATIONS THAT CAN RESULT FROM THESE ILLNESSES. THE IMPACT OF THE COACHING PROGRAM WILL BE DEMONSTRATED THROUGH A RANDOMIZED CONTROLLED TRIAL AND COST-BENEFIT ANALYSIS WHICH WILL BE DISSEMINATED THROUGH PUBLICATION IN A PEER-REVIEWED JOURNAL AND/OR AT A NATIONAL MEETING INCLUDING A COST-BENEFIT ANALYSIS	429,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 500 PARNASSUS AVENUE SAN FRANCISCO, CA 94143	NONE UNIT OF GOVERNMENT	IN SUPPORT OF A MAGNET READINESS PROGRAM AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO MEDICAL CENTER (UCSF), INCLUDING THE IMPROVEMENT OF NURSING-RELATED PATIENT OUTCOMES TO LEVELS MEETING OR EXCEEDING MAGNET BENCHMARKS. THIS PROGRAM WILL LEAD TO THE OUTCOMES OF A REDUCTION IN THE HOSPITAL-WIDE HOSPITAL-ACQUIRED PRESSURE ULCER (HAPU) RATE, A REDUCTION IN THE HOSPITAL-WIDE CENTRAL LINE BLOOD STREAM INFECTION (CLBSI) RATE, AND SUBMISSION OF UCSF'S MAGNET APPLICATION BY JULY 15, 2012.	250,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2789 25TH STREET, SUITE 2028 SAN FRANCISCO, CA 94110	NONE UNIT OF GOVERNMENT	TO CONDUCT AN ANNUAL EVALUATION OF THE PLANS OF CALIFORNIA ACUTE CARE HOSPITALS TO HIRE NEW RN GRADUATES. THIS EVALUATION WILL PROVIDE UPDATED INFORMATION ON THE DEMAND FOR NEW RN GRADUATES OVER TIME AND WILL IDENTIFY IMPLICATIONS FOR NEW RN GRADUATES BASED ON AN ENHANCED UNDERSTANDING OF RN SUPPLY AND DEMAND.	160,475.
REGENTS OF THE UNIVERSITY OF CALIFORNIA SANTA BARBARA, CA 93106	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE BERMUDA INSTITUTE OF OCEAN SCIENCES (BIOS) SUMMER COURSE, ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	88,233.
REGENTS OF THE UNIVERSITY OF CALIFORNIA ONE SHIELDS AVE. DAVIS, CA 95616	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA, DAVIS TO INCREASE KNOWLEDGE OF THE ECOLOGY AND MANAGEMENT OF SUDDEN OAK DEATH IN COASTAL FORESTS OF CALIFORNIA. FUNDING WILL BE USED TO CONDUCT BASIC AND APPLIED RESEARCH ON THE DISEASE AND ITS CAUSAL PATHOGEN, PHYTOPHTHORA RAMORUM. RESEARCH FINDINGS WILL BE USED TO DEVELOP RECOMMENDATIONS FOR DISEASE CONTROL AND LAND MANAGEMENT, AND PROVIDE OUTREACH TO HOMEOWNERS, LAND MANAGERS, AND POLICY MAKERS.	184,362.
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	IN SUPPORT OF INCREASING SCIENTIFIC UNDERSTANDING OF THE ECOLOGY AND MANAGEMENT OF SUDDEN OAK DEATH IN COASTAL FORESTS OF CALIFORNIA. FUNDING WILL BE USED TO CONDUCT BASIC AND APPLIED RESEARCH ON THE DISEASE AND ITS CAUSAL PATHOGEN, PHYTOPHTHORA RAMORUM. RESEARCH FINDINGS WILL BE USED TO	361,220.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
151 HILGARD HALL BERKELEY, CA 94720	UNIT OF GOVERNMENT	DEVELOP RECOMMENDATIONS FOR DISEASE CONTROL AND LAND MANAGEMENT, AND TO PROVIDE OUTREACH TO HOMEOWNERS, LAND MANAGERS, AND POLICY MAKERS TO FACILITATE IMPLEMENTATION OF THE BEST MANAGEMENT OPTIONS.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MC 0436 LA JOLLA, CA 92093-0436	NONE UNIT OF GOVERNMENT	IN SUPPORT OF ADVANCEMENTS IN ENVIRONMENTAL SCIENCE THROUGH CREATING TECHNOLOGIES THAT LOWER THE BARRIERS FOR SCIENTISTS TO DEPLOY AND MANAGE SENSOR NETWORKS. FUNDING WILL BE USED TO SUPPORT THE DESIGN, DEVELOPMENT, AND DEPLOYMENT OF NOVEL MARINE AND LAKE BASED REAL-TIME SENSOR NETWORKS INTEGRATED WITH THE OPEN-SOURCE STREAMING DATA MIDDLEWARE SYSTEM DATATURBINE.	1,100,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2315 STOCKTON BLVD, ROOM 4308 SACRAMENTO, CA 95817	NONE UNIT OF GOVERNMENT	IN SUPPORT OF THE IMPLEMENTATION OF A UNIT-BASED PATIENT SAFETY INFRASTRUCTURE, THROUGH WHICH EVIDENCE-BASED PRACTICES FOR PREVENTING VENTILATOR-ASSOCIATED PNEUMONIA (VAP) WILL BE IMPLEMENTED. THIS GRANT WILL LEAD TO A REDUCTION IN THE INCIDENCE OF VAP AT THE UNIVERSITY OF CALIFORNIA, DAVIS MEDICAL CENTER, WHICH WILL BE SUSTAINED THROUGH 2017.	400,000.
REGENTS OF THE UNIVERSITY OF MICHIGAN DIVISION OF RESEARCH DEVELOPMENT AND ADMINISTRATIO ANN ARBOR, MI 48109-1005	NONE 501 (C) (3) 509 (A) (1)	TO INVESTIGATE AND MODEL THE DYNAMICS OF WHOLE MICROBIAL COMMUNITIES THAT INHABIT DISTINCT GEOCHEMICAL PROVINCES IN THE DEEP SEA ASSOCIATED WITH SEAFLOOR VOLCANIC ACTIVITY. THE RESEARCH AIMS TO ENHANCE OUR UNDERSTANDING OF HOW THESE MICROBIAL COMMUNITIES REGULATE THE FLOW OF ENERGY AND NUTRIENTS FROM BENEATH THE SEAFLOOR INTO THE DEEP OCEAN AND HOW THESE COMMUNITIES RESPOND TO NATURAL ENVIRONMENTAL PERTURBATIONS.	883,275.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
RESOURCES LEGACY FUND 555 CAPITOL MALL SUITE 675 SACRAMENTO, CA 95814	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF SECURING A MARINE SPATIAL PLANNING (MSP) FRAMEWORK FOR CALIFORNIA STATE WATERS. FUNDING WILL BE USED TO BUILD SUPPORT FOR MARINE SPATIAL PLANNING AMONG TARGETED AUDIENCES (I.E., KEY POLICY MAKERS AND STAKEHOLDERS) AND TO DESIGN A GOOD FRAMEWORK.	305,478.
RESOURCES LEGACY FUND 555 CAPITOL MALL SUITE 675 SACRAMENTO, CA 95814	NONE 501(C) (3) 509(A) (1)	TO BRING FOCUS AND MOMENTUM TO CONSERVING TARGETED ECOLOGICAL LANDSCAPES IN THE MOUNT HAMILTON TO THE SEA REGION, WHICH FALLS PRIMARILY IN SANTA CRUZ AND SANTA CLARA COUNTIES. GRANT FUNDS WILL BE USED BY LOCAL LAND TRUSTS TO LEVERAGE SIGNIFICANT PUBLIC AND PRIVATE FUNDING TO TARGET REGIONAL PRIORITIES THAT ARE PART OF STRATEGIC CONSERVATION PLANS TO MAINTAIN A HEALTHY ECOSYSTEM IN THE REGION.	10,000,000.
RESOURCES LEGACY FUND FOUNDATION 555 CAPITOL MALL SUITE 675 SACRAMENTO, CA 95814	NONE 501(C) (3) 509(A) (3)	IN SUPPORT OF THE CONTINUED IMPLEMENTATION OF THE MARINE LIFE PROTECTION ACT (MLPA) IN THE NORTH-CENTRAL, SOUTH, AND NORTH COAST REGIONS OF CALIFORNIA. THE GRANT ALSO SUPPORTS THE WORK OF NON-GOVERNMENTAL ORGANIZATIONS, INCLUDING THE MPA MONITORING ENTERPRISE, TO STRENGTHEN THE MANAGEMENT, DESIGN AND IMPLEMENTATION OF THE EMERGING NETWORK OF MARINE PROTECTED AREAS.	676,144.
ROCHESTER INSTITUTE OF TECHNOLOGY	NONE	IN SUPPORT OF THE DESIGN AND BUILDING OF THE NEXT GENERATION IMAGING DETECTORS FOR NEAR-AND MID-IR WAVELENGTH TELESCOPES TO ENABLE NEW ASTRONOMICAL DISCOVERIES ABOUT THE ORIGIN, EVOLUTION, AND FUTURE OF THE UNIVERSE. THE DETECTORS WILL HAVE ZERO READ NOISE CAPABILITY, WHICH EFFECTIVELY QUADRUPLIES THE COLLECTING POWER OF LARGE	970,520.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ONE LOMB MEMORIAL DRIVE ROCHESTER, NY 14623-5603	501(C)(3)509(A)(1)	TELESCOPES SUCH AS THE THIRTY METER TELESCOPE. IN ADDITION, THE ZERO READ NOISE TECHNIQUE CAN BE ADAPTED TO, AND ADVANCE, A WIDE RANGE OF IMAGE DETECTION APPLICATIONS INCLUDING MEDICINE, OCEANOGRAPHY, AND METEOROLOGY.	
ROUND RIVER CONSERVATION STUDIES 284 WEST 400, NORTH SUITE 105 SALT LAKE CITY, UT 84103	NONE 501(C)(3)509(A)(1)	FOR WORK WITH THE TAKU RIVER TLINGIT FIRST NATION TO PROTECT THE WILD SALMON ECOSYSTEM OF THE TAKU RIVER WATERSHED THROUGH NEW SCIENCE-BASED LAND USE DESIGNATIONS, ECOLOGICALLY-BASED FISH AND WILDLIFE MANAGEMENT REGIMES, AND ENHANCED FIRST NATIONS STEWARDSHIP CAPACITY.	400,000.
SAN FRANCISCO GENERAL HOSPITAL FOUNDATION 2789 25TH STREET, SUITE 2028 SAN FRANCISCO, CA 94110	NONE 501(C)(3)509(A)(1)	FOR THE DEVELOPMENT, IMPLEMENTATION AND EVALUATION OF A NEW TRANSITIONAL CARE PROGRAM AT SAN FRANCISCO GENERAL HOSPITAL (SFGH), WITH THE GOAL OF IMPROVING OUTCOMES FOR +65 YEAR OLD PATIENTS THROUGH A BETTER DESIGNED TRANSITION FROM HOSPITAL TO HOME. BY PROVIDING BETTER COORDINATED AND HIGHER QUALITY OF CARE DURING AND FOLLOWING HOSPITALIZATION, THE PROJECT IS ANTICIPATED TO RESULT IN LOWER RATES OF HOSPITAL READMISSION FOR ELDERLY PATIENTS DISCHARGED FROM SFGH. THE IMPACT OF THE TRANSITIONAL CARE PROGRAM SUPPORTED BY THIS GRANT WILL BE DOCUMENTED THROUGH AN EVALUATION AND COST-BENEFIT ANALYSIS WHICH WILL BE DISSEMINATED THROUGH PUBLICATION AND/OR PRESENTATION AT A NATIONAL MEETING.	2,035,764.
SAN JOSE STATE UNIVERSITY FOUNDATION 210 N. FOURTH STREET, 4TH FLOOR	NONE	TO ENHANCE THE QUALITY OF NURSING EDUCATION AND INCREASE THE NUMBER OF NURSING FACULTY IN THE BAY AREA. OUTCOMES INCLUDE THE ADDITION OF 48 FACULTY MEMBERS WITH MSNS (MASTER OF SCIENCE IN NURSING).	286,675.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SAN JOSE, CA 95112	501 (C) (3) 509 (A) (2)		
SAVE THE REDWOODS LEAGUE 114 SANSOME STREET, ROOM 1200 SAN FRANCISCO, CA 94104-3823	NONE 501 (C) (3) 509 (A) (1)	TO PROTECT 500 ACRES OF RARE AND UNIQUE LAND IN SONOMA COUNTY. THE PROJECT WILL CONSERVE AN AREA OF GREAT BOTANIC, GEOLOGIC, AND SCENIC SIGNIFICANCE; AND WILL HELP ESTABLISH A BROAD LINKAGE FROM THE ANCIENT REDWOOD FORESTS OF ARMSTRONG WOODS AND AUSTIN CREEK STATE RESERVE TO THE OLD-GROWTH RESERVES AND PROTECTED AREAS ON THE COASTLINE.	427,500.
SKEENA WILD CONSERVATION TRUST 4505 GREIG AVENUE V8G 1M6 TERRACE BC CANADA	NONE EQUIVALENT OF U.S. PUBL	IN SUPPORT OF STRATEGIES TO ACCELERATE THE ADOPTION OF SUSTAINABLE SALMON HARVEST AND HABITAT PROTECTION PRACTICES IN THE SKEENA WATERSHED OF NORTHWEST BRITISH COLUMBIA. FUNDING WILL BE USED TO STRENGTHEN THE IN-REGION CAMPAIGN TO ENSURE IMPLEMENTATION OF CANADA'S NEW WILD SALMON POLICY CONSISTENT WITH THE MAY 2008 RECOMMENDATIONS OF THE SKEENA IN DEPENDENT SCIENCE REVIEW PANEL.	1,043,912.
SOCIEDAD PERUANA DE DERECHO AMBIENTAL	NONE	IN SUPPORT OF ADAPTING CONSERVATION STRATEGIES IN THE PERUVIAN AMAZON TO THE EMERGING ISSUES OF GOVERNANCE, DECENTRALIZATION, AND CLIMATE CHANGE ADAPTATION. RESULTS WILL INCLUDE DECENTRALIZED SCHEMES FOR PUBLIC MANAGEMENT AND REGULATORY FRAMEWORKS FOR REGIONAL CONSERVATION, CONSOLIDATED AT VARIOUS LEVELS OF GOVERNANCE IN PERU (INCLUDING THE REGIONAL GOVERNMENTS OF LORETO, MADRE DE DIOS AND SAN MARTIN); A COMPLETED PROCESS OF PROTECTED AREA CREATION (80,000 HA) IN THE PERUVIAN AMAZON; AND THE DEVELOPMENT AND IMPLEMENTATION OF EFFECTIVE	238,783.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PROL. ARENALES NO. 437 27 LIMA PERU	EQUIVALENT OF U.S. PUBL	MANAGEMENT TOOLS FOR REGIONAL AND PRIVATE CONSERVATION AREAS AND FOR NON-TIMBER CONCESSIONS IN THE PERUVIAN AMAZON.	
SOCIETY OF CRITICAL CARE MEDICINE 500 MIDWAY DRIVE MOUNT PROSPECT, IL 60056	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF PHASE II OF THE SURVIVING SEPSIS CAMPAIGN. THIS GRANT WILL SUPPORT THE DEVELOPMENT OF REVISED SEVERE SEPSIS AND SEPTIC SHOCK TREATMENT GUIDELINES, INCORPORATING RECENTLY PUBLISHED EVIDENCE; REVISED SEVERE SEPSIS AND SEPTIC SHOCK TREATMENT BUNDLES, BRINGING THEM IN LINE WITH THE REVISED GUIDELINES; UPDATED CAMPAIGN TOOLS (E.G., WEBSITE , DATABASE, MANUAL) THAT REFLECT THE NEW GUIDELINES AND BUNDLES; AND RESEARCH TO ADDRESS ADDITIONAL HIGH PRIORITY QUESTIONS RELATED TO THE IDENTIFICATION AND TREATMENT OF SEVERE SEPSIS AND SEPTIC SHOCK.	301,000.
SONOMA LAND TRUST 966 SONOMA AVENUE SANTA ROSA, CA 95404	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF PERMANENTLY PROTECTING THE JENNER HEADLANDS, 5,630 ACRES OF BIOLOGICALLY DIVERSE, COMPLEX COASTAL PRAIRIE AND FOREST ON THE SCENIC SONOMA COAST. THE PROJECT WILL ESTABLISH SUSTAINABLE FINANCING OF ECOLOGICAL STEWARDSHIP AND PUBLIC ACCESS USING CARBON CREDITS & SUSTAINABLE TIMBER HARVESTS.	603,400.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN	NONE	IN SUPPORT OF THE DEVELOPMENT AND ROLLOUT OF AN INTENSIVE PATIENT SAFETY INTERVENTION INCORPORATING FREQUENT, UNIT-BASED SIMULATION TEAM TRAINING ON FOUR MEDICAL-SURGICAL UNITS AT STANFORD HOSPITAL & CLINICS. THIS PROGRAM WILL LEAD TO THREE OUTCOMES: REDUCTION IN THE INCIDENCE RATE OF AT LEAST ONE HOSPITAL-ACQUIRED COMPLICATION PER UNIT, REDUCTION IN THE RATE OF	177,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
300 PASTEUR DRIVE STANFORD, CA 94305	501 (C) (3) 509 (A) (1)	UNPLANNED TRANSFERS OF NON-DO NOT RESUSCITATE PATIENTS TO A HIGHER LEVEL OF CARE, AND REDUCTION IN THE RISK-ADJUSTED MORTALITY RATE OF NON-DNR PATIENTS.	
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 473 VIA ORTEGA, MAIL CODE 4205 STANFORD, CA 94305-6030	NONE 501 (C) (3) 509 (A) (1)	TO ADVANCE THE SCIENCE OF ECOSYSTEM SERVICES THROUGH BASIC RESEARCH AND MODELING OF THEIR PROVISION, DEVELOPMENT OF TOOLS FOR ASSESSING TRADEOFFS, AND APPLICATION OF THOSE TOOLS IN LAND USE PLANNING.	1,164,763.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN JERRY YANG & AKIKO YAMAZAKI ENVIRONMENT & ENERGY B STANFORD, CA 94305	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE HOPKINS MICROBIOLOGY SUMMER COURSE, AND IS ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	235,432.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN MCCULLOUGH BUILDINGSOUTH SERVICE ROAD STANFORD, CA 94305-4045	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING A NEW METHOD TO ACQUIRE ELECTRICITY FROM SUNLIGHT THAT COMBINES BOTH THE PHOTON (QUANTUM) AND THERMAL APPROACHES, CALLED PHOTO-ENHANCED THERMIONIC EMISSION. FUNDING WILL BE USED TO IDENTIFY OPTIMAL MATERIALS, DESIGN, FABRICATE, AND TEST PHOTO-ENHANCED THERMIONIC EMISSION DEVICES, AND BENCHMARK THEIR EFFICIENCIES AND COST PER WATT COMPARED TO OTHER TECHNOLOGIES.	1,070,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN	NONE	TO INVESTIGATE HOW CORALS RESIST STRESS THROUGH DEVELOPMENT OF A POWERFUL SEA ANEMONE MODEL SYSTEM AND RELATED EXPERIMENTS WITH CORALS, SEA ANEMONES AND THE SYMBIOTIC ALGAE THAT RESIDE IN	1,885,777.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
300 PASTEUR DRIVE STANFORD, CA 94305	501 (C) (3) 509 (A) (1)	THEM. FUNDING WILL BE USED TO ENHANCE RESEARCHERS' ABILITIES TO PREDICT CORAL RESILIENCE BY IDENTIFYING EARLY, RELIABLE SIGNALS THAT RESULT FROM CHANGING ENVIRONMENTAL CONDITIONS.	
SUTTER HEALTH 2200 RIVER PLAZA DRIVE SACRAMENTO, CA 95833	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT THE CONTINUATION OF THE PARTNERS ADVANCING CLINICAL EXCELLENCE (PACE) INITIATIVE, WHILE STRENGTHENING ITS EFFORTS TO REDUCE SEVERE SEPSIS MORTALITY RATES AT FIVE SAN FRANCISCO BAY AREA (SFBA) SUTTER AFFILIATES. THIS GRANT WILL LEAD TO THREE OUTCOMES AT EACH OF THE FIVE SFBA SUTTER AFFILIATES: 1) SIGNIFICANT REDUCTION IN THE HOSPITAL-WIDE SEVERE SEPSIS MORTALITY RATE, 2) ACHIEVEMENT OF AN EVIDENCE-BASED TARGET FOR AN ADDITIONAL DRIVER OF MORTALITY AND/OR COMPLICATIONS, AND 3) MAINTENANCE OF THE IMPROVEMENT GAINS REALIZED ON FOUR PHASE I PACE COUNCIL INITIATIVES THROUGH 2013.	250,000.
SUTTER HEALTH	NONE	TO SUPPORT IMPROVED NURSING-RELATED PATIENT OUTCOMES IN THE SUTTER HEALTH SACRAMENTO SIERRA REGION (SHSSR). THROUGH THE IMPLEMENTATION OF EVIDENCE-BASED PRACTICES, THIS GRANT WILL LEAD TO REDUCTION IN SEVERE SEPSIS AND SEPTIC SHOCK MORTALITY OF NON-DO NOT RESUSCITATE PATIENTS AT THE FIVE SHSSR HOSPITALS, REDUCTION IN THE PERCENT OF PATIENTS AT ONE HOSPITAL WITH SIGNIFICANTLY HIGH OR LOW LEVELS OF BLOOD GLUCOSE LEVELS WHILE HOSPITALIZED (A DOCUMENTED CAUSE OF MORTALITY AND COMPLICATIONS), AND IMPROVED PATIENT SAFETY OUTCOMES THROUGH NURSE LEADERSHIP DEVELOPMENT AND THE ADOPTION OF 'JUST CULTURE'	1,491,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2200 RIVER PLAZA DRIVE SACRAMENTO, CA 95833	501(C)(3)509(A)(2)	PRINCIPLES. ALL OUTCOMES ARE TO BE SUSTAINED THROUGH 2017.	
SUTTER HEALTH 2200 RIVER PLAZA DRIVE SACRAMENTO, CA 95833	NONE 501(C)(3)509(A)(2)	TO SUPPORT THE SPREAD OF THE HEART FAILURE CONTINUUM OF CARE (HFCOC) MODEL, A HIGHLY EFFECTIVE TRANSITIONAL CARE PROGRAM AIMED AT REDUCING HEART FAILURE (HF) READMISSIONS. THE FIRST OUTCOME OF THE GRANT IS A REDUCTION IN BOTH 30-DAY AND 90-DAY HF READMISSION RATES AT EDEN MEDICAL CENTER BY AT LEAST 30% AS COMPARED TO THE 2009 BASELINE. THE SECOND OUTCOME IS THE COMMITMENT OF AT LEAST ONE ADDITIONAL SAN FRANCISCO BAY AREA SUTTER HEALTH HOSPITAL TO FULLY IMPLEMENT THE HFCOC MODEL.	944,905.
THE CONSERVATION FUND A. NONPROFIT CORPORATION 1655 NORTH FORT MYER DRIVE, SUITE 1300 ARLINGTON, VA 22209-3199	NONE 501(C)(3)509(A)(1)	TO SUPPORT THE ACQUISITION AND PERMANENT PROTECTION OF PRIVATE LANDS LOCATED IN SALMON-PRODUCING WATERSHEDS CONTAINED WITHIN EXISTING PARKS AND REFUGES IN THE BRISTOL BAY REGION.	593,333.
THE CONSERVATION FUND A. NONPROFIT CORPORATION 1655 NORTH FORT MYER DRIVE, SUITE 1300 ARLINGTON, VA 22209-3199	NONE 501(C)(3)509(A)(1)	TO UNDERTAKE A 24-MONTH RESEARCH PROJECT GROWING ATLANTIC SALMON TO FOOD SIZE IN AN EXISTING FRESHWATER CLOSED CONTAINMENT RESEARCH FACILITY, AND TO DISSEMINATE BEST PRACTICES AND OTHER FINDINGS, TO SUPPORT IMPROVED DECISION-MAKING ABOUT LAND-BASED AQUACULTURE IN BRITISH COLUMBIA.	300,836.
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF THE EXPLORATORIUM FACILITIES CONSTRUCTION AT PIERS 15-17, RELOCATION AND TRANSITION COSTS, AND FOR ITS SCIENCE EDUCATION PROGRAMS.	5,000,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
THE GREEN BELT MOVEMENT INTERNATIONAL-NORTH AMERIC 4245 N. FAIRFAX DRIVE, SUITE 860 ARLINGTON, VA 22203	NONE 501(C) (3) 509(A) (1)	TO SUPPORT THE GREEN BELT MOVEMENT INTERNATIONAL (GBM) TO WORK WITH PARTNER ORGANIZATIONS IN KENYA TO RAISE AWARENESS ON THE ROLE OF FORESTRY IN TACKLING CLIMATE CHANGE, WHILE STRENGTHENING THE UNDERSTANDING AND CAPACITY OF RURAL COMMUNITIES AND INDIGENOUS PEOPLES TO TAKE ACTION BY ADAPTING AND MITIGATING AGAINST CLIMATE CHANGE. GBM WILL HELP TO PROVIDE TECHNICAL INFORMATION ABOUT KENYA'S STANDING FOREST CARBON AND REFORESTATION PROJECTS, WORK WITH THE KENYAN FOREST SERVICE AND OTHER ORGANIZATIONS IN KENYA TO DEVELOP AND BEGIN IMPLEMENTATION OF KENYA'S NATIONAL REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION PLAN, AND ENSURE THE INVOLVEMENT OF INDIGENOUS PEOPLES AND OTHER COMMUNITIES IN THE PROCESS.	232,406.
THE NATIONAL CENTER FOR GENOME RESOURCES 2935 RODEO PARK DRIVE EAST SANTA FE, NM 87505	NONE 501(C) (3) 509(A) (1)	TO SEQUENCE AND PERFORM BASIC CHARACTERIZATIONS OF THE GENE CONTENT OF NUMEROUS MARINE MICROBIAL EUKARYOTES. FUNDING WILL BE USED TO ANALYZE THE EXPRESSED GENES IN APPROXIMATELY 750 SAMPLES COLLECTED FROM A WIDE DIVERSITY OF ORGANISMS. THE RESULTING SEQUENCE DATA AND ASSOCIATED METADATA WILL BE MADE PUBLICLY AVAILABLE.	900,000.
THE PENNSYLVANIA STATE UNIVERSITY 310 WARTIK BUILDING, PENN STATE UNIVERSITY UNIVERSITY PARK, PA 16802	NONE UNIT OF GOVERNMENT	TO CREATE A DEDICATED 'NEXT GENERATION' DNA SEQUENCING PIPELINE FOR FIVE MICROBIAL DIVERSITY SUMMER COURSES SUPPORTED BY MMI. STUDENTS IN THOSE COURSES WILL LEARN TO GENERATE AND INTERPRET SEQUENCE DATA FROM ADVANCED SEQUENCING TECHNOLOGIES.	160,563.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
THIRD SECTOR NEW ENGLAND THE NONPROFIT CENTER, SUITE 202; 89 SOUTH STREET BOSTON, MA 02111	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE MASSACHUSETTS OCEAN PARTNERSHIP, A BROAD-BASED COALITION OF STAKEHOLDERS THAT IS WORKING TO ENSURE THE CREATION OF A SOUND AREA-BASED MANAGEMENT PLAN FOR MASSACHUSETTS STATE WATERS.	1,225,036.
THIRD SECTOR NEW ENGLAND THE NONPROFIT CENTER, SUITE 202; 89 SOUTH STREET BOSTON, MA 02111	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP A COMMON VISION, FRAMEWORK, AND PROCESS TO FACILITATE IMPLEMENTATION OF COASTAL AND MARINE SPATIAL PLANNING (CMSP) IN FEDERAL WATERS IN THE NORTHEAST REGION, BUILDING OFF MASSACHUSETTS LESSONS AND THE RECOMMENDATIONS AND REQUIREMENTS OF THE NATIONAL OCEAN POLICY, AND POSITIONING THE REGION AS A NATIONAL LEADER.	88,148.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF AN AGILE MECHANISM FOR TIMELY SMALL SCALE INVESTMENTS IN GRASSROOTS ACTIVITIES AIMED AT PROTECTING WILD SALMON IN BRITISH COLUMBIA. THE INTENTION IS TO CAPITALIZE ON TIME-LIMITED OPPORTUNITIES TO ADVANCE IDENTIFIED STRATEGIC OUTCOMES OF THE WILD SALMON ECOSYSTEMS INITIATIVE.	285,950.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF AN AGILE MECHANISM FOR TIMELY, SMALL-SCALE INVESTMENTS IN GRASSROOTS ACTIVITIES AIMED AT SECURING RESILIENT AND PRODUCTIVE MARINE ECOSYSTEMS IN BRITISH COLUMBIA. THE INTENTION IS TO CAPITALIZE ON TIME-LIMITED OPPORTUNITIES TO ADVANCE IDENTIFIED STRATEGIC OUTCOMES OF THE MARINE CONSERVATION INITIATIVE.	600,237.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SALMON AQUACULTURE INNOVATION FUND. FUNDING WILL BE USED IN CONJUNCTION WITH PUBLIC AND PRIVATE SOURCES TO SUPPORT EARLY STAGE RESEARCH, DEVELOPMENT AND DEMONSTRATION OF ON-LAND CLOSED CONTAINMENT SYSTEMS IN BRITISH COLUMBIA.	447,449.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF IMPLEMENTING A NEW BUSINESS MODEL TO ENSURE GRANTEE'S LONG-TERM FINANCIAL SUSTAINABILITY. FUNDING WILL BE USED TO SUPPORT KEY STAFF POSITIONS INVOLVED IN THE BUSINESS PLAN SCALE-UP AND TRANSITION.	482,220.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA INITIATIVE TO PRODUCE AN INTEGRATED MARINE MANAGEMENT PLAN.	5,632,538.
TROPICAL FOREST GROUP 1125 FORT STOCKTON DR SAN DIEGO, CA 93103	NONE 501 (C) (3) 509 (A) (1)	TO TRACK AND ANALYZE THE UNITED STATES-BASED FAST-START REDD+ FINANCING SUPPORT PLEDGED DURING THE UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE (UNFCCC) CONFERENCE OF THE PARTIES 15TH SESSION. MONITORING, REPORTING AND VERIFICATION OF THESE FUNDS WILL MAINTAIN TRANSPARENCY AND PROVIDE CREDIBLE INFORMATION TO DONORS AND THE PUBLIC.	131,850.
TRUSTEES OF PRINCETON UNIVERSITY	NONE	TO DESIGN AND CONSTRUCT A MOLECULAR BEAM EPITAXY LABORATORY CAPABLE OF PRODUCING THE HIGHEST QUALITY GALLIUM ARSENIDE AND ALUMINUM GALLIUM ARSENIDE SEMICONDUCTOR HETERO-STRUCTURES IN THE WORLD. FUNDING WILL BE USED TO PRODUCE CUSTOM	1,465,146.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
70 PROSPECT AVENUE, BOWN HALL PRINCETON, NJ 08540	501 (C) (3) 509 (A) (1)	ULTRA-HIGH PURITY SPECIMENS FOR PHYSICS RESEARCHERS AND TO BEGIN TRAINING THE NEXT GENERATION THAT WILL BE CAPABLE OF GROWING ULTRA-HIGH PURITY MATERIALS.	
UNIVERSITY OF ARIZONA SPONSORED PROJECTS SERVICES, P.O. BOX 3308 TUCSON, AZ 85722-3308	NONE UNIT OF GOVERNMENT	FOR DEVELOPING AND APPLYING NOVEL VIRUS ECOLOGY APPROACHES THAT ENABLE DEEPER INVESTIGATIONS OF THE STRUCTURE AND ACTIVITIES OF NATURAL MARINE VIRUS COMMUNITIES AND THE LINKAGES BETWEEN VIRUSES AND THEIR MICROBIAL HOSTS.	965,931.
UNIVERSITY OF CHICAGO 5735 SOUTH ELLIS AVENUE CHICAGO, IL 60637	NONE 501 (C) (3) 509 (A) (1)	TO ENABLE NEW WAYS FOR SCIENTISTS TO MANAGE, ANALYZE, INTEGRATE AND SHARE THEIR DATA BY PROVIDING A PERSISTENT INTERNET-BASED HOME FOR SCIENTIFIC DATA SETS IN THE OPEN SCIENCE DATA CLOUD. FUNDING SUPPORTS THE DEVELOPMENT AND OPERATION OF A HOSTED INFRASTRUCTURE SPECIFICALLY CONFIGURED FOR SCIENTIFIC DATA THAT WILL ALLOW SCIENTISTS TO BETTER HANDLE THE DELUGE OF NEW DATASETS FROM A VARIETY OF DISCIPLINES.	896,507.
UNIVERSITY OF DELAWARE 152 TOWNSEND HALL NEWARK, DE 19716	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE INTEGRATION OF A NOVEL SUITE OF BIOINFORMATIC TOOLS FOR ANALYZING VIRAL METAGENOMIC DATASETS INTO A MAJOR PUBLIC DNA SEQUENCE ANALYSIS PLATFORM. FUNDING WILL BE USED TO IMPROVE THE VIRAL INFORMATICS RESOURCE FOR METAGENOME EXPLORATION AND TRANSITION IT INTO THE COMMUNITY CYBERINFRASTRUCTURE FOR ADVANCED MICROBIAL ECOLOGY RESEARCH AND ANALYSIS.	245,637.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

ATTACHMENT 24 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
UNIVERSITY OF GEORGIA FOUNDATION 394 SOUTH MILLEDGE AVE ATHENS, GA 30602	NONE 501 (C) (3) 509 (A) (1)	FOR RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. MARY ANN MORAN ON THE GENETIC UNDERPINNINGS OF BACTERIAL SULFUR AND CARBON CYCLING IN THE COASTAL OCEAN, UNDERSTAND THE ROLE OF MARINE BACTERIA IN SUSTAINING PRODUCTIVITY OF THE COASTAL OCEAN AND THE FORMATION AND FLUX OF CLIMATICALLY ACTIVE GASES CONTAINING SULFUR AND CARBON.	861,685.
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION INC OFFICE OF SPONSORED PROGRAMS, 617 BOYD GRADUATE ST ATHENS, GA 30602	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP A SYSTEMS-LEVEL UNDERSTANDING OF MICROBially MEDIATED ELEMENTAL CYCLES ALONG THE LOWER REACH OF THE AMAZON RIVER AND ITS MARINE PLUME. THE AMAZON RIVER PROVIDES MORE NUTRIENTS TO THE OCEAN ECOSYSTEM THAN ANY OTHER RIVER; CARBON SEQUESTRATION STIMULATED BY THESE NUTRIENT INPUTS IS GLOBALLY SIGNIFICANT. THIS INTEGRATIVE PROGRAM WILL COLLECT MICROBIAL COMMUNITY STRUCTURE AND FUNCTION DATA ALONG THE RIVER-TO-OCEAN CONTINUUM AND DEVELOP A NOVEL MODEL THAT INCORPORATES THESE DATA WITH OTHER BIOLOGICAL, CHEMICAL AND PHYSICAL INFORMATION. MODELS ARE ULTIMATELY EXPECTED TO ENABLE PREDICTIONS OF CARBON SEQUESTRATION AS A FUNCTION OF THE DYNAMIC CHEMICAL COMPOSITION OF THE AMAZON RIVER.	1,131,398.
UNIVERSITY OF HAWAII FOUNDATION	NONE	FOR CONTINUED RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. DAVID M. KARL. OBJECTIVES OF THIS GRANT ARE TO QUANTIFY SOLAR ENERGY CAPTURE AND TRANSDUCTION, AND TO IMPROVE UNDERSTANDING OF ESSENTIAL BIO-ELEMENTAL CYCLES AND SEQUESTRATION OF ATMOSPHERIC CARBON BY THE MICROBially-MEDIATED OCEANIC BIOLOGICAL CARBON	1,039,063.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	501 (C) (3) 509 (A) (1)	PUMP.	
UNIVERSITY OF HAWAII FOUNDATION 2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	NONE 501 (C) (3) 509 (A) (1)	FOR THE HAWAII MICROBIAL OCEANOGRAPHY SUMMER COURSE, ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	287,473.
UNIVERSITY OF LEEDS LEEDS ESTONIA	NONE EQUIVALENT OF U.S. PUBL	TO POSITION FOREST ECOSYSTEM SERVICES ON A FIRM SCIENTIFIC FOUNDATION WITH THE PUBLIC, POLICY-MAKER, CONSERVATION, AND SCIENTIFIC COMMUNITIES BY INCREASING THE SCIENTIFIC UNDERSTANDING OF THE GLOBAL CARBON BALANCE AND QUANTIFYING THE ROLE OF TROPICAL FORESTS IN EITHER SLOWING OR ACCELERATING CLIMATE CHANGE THROUGH THE 21ST CENTURY.	535,549.
UNIVERSITY OF SOUTHERN CALIFORNIA ZUMBERGE HALL OF SCIENCES, 3651 TROUSDALE PKWAY LOS ANGELES, CA 90089	NONE 501 (C) (3) 509 (A) (1)	FOR THE GEOBIOLOGY SUMMER COURSE, ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	137,113.
UNIVERSITY OF WASHINGTON	NONE	FOR RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. E. VIRGINIA ARMBRUST TO UNDERSTAND HOW MARINE DIATOMS RESPOND AND ADAPT TO ENVIRONMENTAL CHANGE. OBJECTIVES ARE TO INVESTIGATE THE ROLE OF THE ENVIRONMENT IN MAINTAINING DIATOM DIVERSITY AND, IN TURN, THE	1,119,085.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
BOX 357940 SEATTLE, WA 98195-7940	UNIT OF GOVERNMENT	ROLE OF DIATOMS IN MAINTAINING MARINE ECOSYSTEMS.	
UNIVERSITY OF WASHINGTON 301 GERBERDING HALL, MAILBOX 351237 SEATTLE, WA 98195-1237	NONE UNIT OF GOVERNMENT	IN SUPPORT OF EFFORTS TO INCREASE AWARENESS, KNOWLEDGE, AND PRACTICAL USAGE OF MODERN DATA INTENSIVE SCALABLE COMPUTING AND LARGE SCALE DATA MANAGEMENT TECHNIQUES AMONG DOMAIN SCIENTISTS. THROUGH DEMONSTRATION PROJECTS IN GENOMICS AND IN CLOSE COOPERATION WITH ITS INSTITUTIONAL COLLABORATOR, CARNEGIE MELLON UNIVERSITY, UW WILL DEPLOY STATE-OF-THE-ART SCALABLE DATA MANAGEMENT TECHNOLOGIES SUCH AS PARALLEL RELATIONAL DATABASES, PARALLEL DATA ANALYSIS FRAMEWORKS, AND CLOUD COMPUTING SERVICES TO SOLVE EMERGING DATA-INTENSIVE SCIENCE PROBLEMS.	181,358.
VANDERBILT UNIVERSITY 1211 MEDICAL CENTER DRIVE NASHVILLE, TN 37232	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF A PORTFOLIO OF NATIONAL NURSING WORK FORCE RESEARCH USING THREE NATIONAL DATASETS, WITH THE GOAL OF DEVELOPING IMPROVED EMPIRICAL ESTIMATES OF FUTURE NATIONAL AND REGIONAL REGISTERED NURSING (RN) WORKFORCE NEEDS. THE RESEARCH WILL PROVIDE NEW ESTIMATES OF THE FACTORS THAT AFFECT RN LABOR FORCE PARTICIPATION AND WILL UPDATE ESTIMATES OF THE FUTURE SUPPLY OF RNS. THE FINDINGS FROM THIS RESEARCH WILL BE SUBMITTED TO PEER-REVIEWED JOURNALS AND DISSEMINATED NATIONALLY.	176,100.
VMC FOUNDATION	NONE	TO ACHIEVE MAGNET RECOGNITION, A DESIGNATION BY THE AMERICAN NURSES CREDENTIALING CENTER OF EXCELLENCE IN NURSING CARE, AND IMPROVED PATIENT OUTCOMES THROUGH IMPLEMENTATION OF EVIDENCE-BASED NURSING PRACTICES THROUGHOUT SANTA CLARA VALLEY	181,795.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
5555 W. LAS POSITAS BLVD PLEASANTON, CA 94588	501(C)(3)509(A)(1)	MEDICAL CENTER.	
WATERSHED WATCH SALMON SOCIETY 1037 MADORE AVENUE V3K 3B7 COQUITLAM BC CANADA	NONE EQUIVALENT OF U.S. PUBL	TO ADVANCE THE IMPLEMENTATION OF THE PACIFIC WILD SALMON POLICY IN BRITISH COLUMBIA, AS WELL AS IN APPLYING RIGOROUS SCIENCE AND MONITORING TO THE MITIGATION OF FISH FARM IMPACTS ON WILD SALMON.	309,675.
WESTCOAST AQUATIC MANAGEMENT ASSOCIATION #3-4310 10TH AVENUE V9Y 4X4 PORT ALBERNI BC CANADA	NONE EQUIVALENT OF U.S. PUBL	TO DEVELOP A REGIONAL AREA-BASED MANAGEMENT (ABM) FRAMEWORK AND TO COMPLETE A PILOT ABM PLAN IN CLAY OQUOT SOUND. BY UTILIZING THE BOARD'S DIVERSE PUBLIC AND PRIVATE REPRESENTATIVES, THIS GRANT WILL ALSO FACILITATE COMMUNICATIONS MECHANISMS, TECHNICAL TOOLS, AND GOVERNANCE TO ENGAGE KEY CONSTITUENCIES AND SERVE AS AN ABM MODEL FOR BRITISH COLUMBIA'S PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA (PNCIMA).	36,345.
WILD SALMON CENTER JEAN VOLLUM NATURAL CAPITAL CENTER, 721 NW NINTH A PORTLAND, OR 97209	NONE 501(C)(3)509(A)(1)	TO SUPPORT THE CONSERVATION OF WILD SALMON AND WILD SALMON HABITAT IN KAMCHATKA, RUSSIA.	1,700,000.
WILDLIFE CONSERVATION SOCIETY	NONE	FOR EFFECTIVE PARTICIPATORY PROTECTED AREA MANAGEMENT IN FIVE CONSERVATION LANDSCAPES IN BOLIVIA, PERU, ECUADOR, VENEZUELA AND BRAZIL; DEVELOPMENT OF PROTOCOLS FOR ASSESSING THE EFFECTIVENESS OF MANAGEMENT IN PROTECTING BIODIVERSITY AND FOREST COVER; AND DEVELOPMENT OF A NEW APPROACH TO ENVIRONMENTAL IMPACT ASSESSMENTS FOCUSING ON THE CUMULATIVE IMPACTS OF INFRASTRUCTURE DEVELOPMENT ON ECOLOGICAL PROCESSES. FUNDING WILL BE USED TO FINALIZE	414,150.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2300 SOUTHERN BOULEVARD BRONX, NY 10460	501 (C) (3) 509 (A) (1)	MANAGEMENT PLANS, BUILD CAPACITY FOR LOCAL COMMUNITIES TO IMPLEMENT AND MONITOR MANAGEMENT PLANS, SECURE ALTERNATIVE SOURCES OF FUNDING FOR PROTECTED ARE A MANAGEMENT, ADAPT CONSERVATION STRATEGIES TO EMERGING THREATS FROM CLIMATE CHANGE AND INFRASTRUCTURE, AND DEVELOP WEB-BASED TOOLS FOR THE ASSESSMENT OF INFRASTRUCTURE IMPACTS ON BASIN-WIDE FISH MIGRATION PROCESSES.	
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF ADVANCES IN IMAGING INFORMATICS IN THE FIELD OF OCEANOGRAPHY. FUNDING SUPPORTS NEW KNOWLEDGE ABOUT MARINE ECOSYSTEMS THROUGH INNOVATIVE INFORMATICS APPROACHES, WHICH INFUSE DATA INTEGRATION CAPABILITIES INTO OCEAN SENSOR SYSTEMS AND ARE DESIGNED VIA SCIENTIST-INFORMATICIST PARTNERSHIPS.	1,470,431.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	TO ENABLE A GREATER UNDERSTANDING OF TRACE METALS AND METALLOENZYMES IN OCEANIC BIOGEOCHEMICAL CYCLES. BY COMBINING CUTTING-EDGE PROTEOMIC TOOLS WITH TRACE METAL ANALYSIS TECHNIQUES, THIS PROJECT AIMS TO ADVANCE THE UNDERSTANDING OF BIOGEOCHEMICAL CYCLES BY IDENTIFYING AND QUANTIFYING THE ABUNDANCE OF KEY MICROBIAL METALLOENZYMES IN OXYGEN MINIMUM ZONES CONCURRENTLY WITH TRACE METAL ANALYSES.	871,327.
WOODS HOLE RESEARCH CENTER INC.	NONE	TO ENABLE THE DESIGN AND IMPLEMENTATION OF THE ECOLOGICAL, ECONOMIC, POLICY AND INSTITUTIONAL FRAMEWORKS FOR THE SUSTAINABLE CO-MANAGEMENT OF LOWER AMAZON FLOODPLAIN ECOSYSTEMS. THE PROJECT WILL BE EXECUTED IN KEY LOWER AMAZONIAN MUNICIPALITIES BY LOCAL COMMUNITIES AND OTHER	25,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENTATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PO BOX 296 WOODS HOLE, MA 02543	501 (C) (3) 509 (A) (3)	STAKEHOLDERS IN COLLABORATION WITH MUNICIPAL, STATE AND FEDERAL GOVERNMENT AGENCIES, ENHANCING THE PROTECTION OF NATURAL RESOURCES AND BIODIVERSITY WHILE ADDRESSING THE LIVELIHOOD NEEDS OF RESIDENT POPULATIONS.	
WOODS HOLE RESEARCH CENTER INC. PO BOX 296 WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (3)	TO DEVELOP A PAN-TROPICAL BASELINE FOREST COVER AND ASSOCIATED ABOVE-GROUND BIOMASS STOCKS DATA SETS AND MAPS DERIVED FROM HIGH-RESOLUTION, CLOUD-FREE RADAR IMAGERY FROM THE JAPANESE ADVANCED LAND OBSERVING SATELLITE (ALOS). KNOWLEDGE GAINED FROM THIS GRANT WILL SUPPORT AND PROMOTE THE ECONOMIC INTERNALIZATION OF BENEFITS FROM CARBON CONTAINED IN THE BIOMASS OF STANDING TROPICAL FORESTS.	564,718.
WOODS HOLE RESEARCH CENTER INC. PO BOX 296 WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (3)	IN SUPPORT OF THE NATIONAL GOVERNMENT OF BRAZIL'S RECENT COMMITMENT WITHIN UN CLIMATE TREATY NEGOTIATIONS TO REDUCE EMISSIONS FROM LAND USE.	1,683,150.
WORLD WILDLIFE FUND CANADA #1588-409 GRANVILLE STREET V6C 1T2 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	FOR DEVELOPING SCIENCE AND MANAGEMENT TOOLS AND BUSINESS AND ECONOMIC SOLUTIONS TO ADVANCE MARINE SPATIAL PLANNING IN SUPPORT OF THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA (PNCIMA) INITIATIVE.	524,550.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501 (C) (3) 509 (A) (1)	TO PROMOTE SUSTAINABLE FISHERIES PRACTICES IN KAMCHATKA.	621,834.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

ATTACHMENT 24 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501 (C) (3) 509 (A) (1)	TO FINALIZE DATA COLLECTION AND PUBLISH MANUSCRIPT S ON THE SPATIAL AND HABITAT NEEDS OF KEYSTONE VERTEBRATE SPECIES IN THE SOUTHERN PERUVIAN AMAZON. THIS RESEARCH WILL ADVANCE THE SCIENTIFIC BASIS FOR THE MINIMUM AREA AND HABITAT REQUIREMENTS NECESSARY FOR ESTABLISHING AND MAINTAINING FUNCTIONAL PROTECTED AREAS AND CONSERVATION LANDSCAPES IN THE AMAZON.	19,896.
TOTAL CONTRIBUTIONS APPROVED			<u>233,519,014.</u>