

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20

<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>
3759 FILMS, LLC 3759 N RAVENSWOOD AVENUE #224 CHICAGO, IL 60613	N/A NC	TO SUPPORT THE PRODUCTION OF A DOCUMENTARY ABOUT PATIENT SAFETY IN THE UNITED STATES THAT FOCUSES ON HOW PATIENTS AND PROVIDERS CAN FIND SOLUTIONS TO MEDICAL ERRORS.	75,000.
ADVISORY CENTER FOR HEALTH PROFESSIONALS, INC. 27 PINE SUMMIT CIRCLE WESTON, MA 02493	N/A PC	TO SUPPORT A STUDY OF THE EFFECTIVENESS OF ACCOMPLISHED SENIOR PHYSICIANS IN PROVIDING MEDICAL RESIDENTS WITH TIMELY ADVICE ABOUT PERSONAL AND PROFESSIONAL CHALLENGES USING CONFIDENTIAL SERVICES THROUGH AN INTERNET-BASED PROGRAM.	209,100.
AGROICONE AVENIDA GENERAL FURTADO DO NAS SAO PAULO SP BRAZIL CEP 05465-070	N/A NC	IN SUPPORT OF ESTABLISHING A LONG-TERM VISION AND IMPLEMENTATION ROADMAP FOR MAINSTREAMING VERIFIED DEFORESTATION-FREE BEEF PRODUCTION IN BRAZIL.	70,000.
ALASKA HUMANITIES FORUM 161 EAST 1ST AVENUE, DOOR 15 ANCHORAGE, AK 99501	N/A PC	TO DEVELOP A SALMON FELLOWS PROGRAM FOR ALASKA.	1,210,000.
ALASKA SALMON INITIATIVE P.O. BOX 21744 JUNEAU, AK 99802	N/A NC	TO PROVIDE A PLATFORM FOR DIVERSE ALASKANS TO JOIN TOGETHER TO CELEBRATE AND STEWARD THEIR WILD SALMON RESOURCES.	500,000.
ALASKA SALMON INITIATIVE P.O. BOX 21744 JUNEAU, AK 99802	N/A PC	TO PROVIDE A PLATFORM FOR DIVERSE ALASKANS TO JOIN TOGETHER TO CELEBRATE AND STEWARD THEIR WILD SALMON RESOURCES.	216,327.

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ALEUT INTERNATIONAL ASSOCIATION, INC. 333 W. 4TH AVENUE, SUITE 301 ANCHORAGE, AK 99501	N/A PC	TO CONSERVE THE HIGHLY PRODUCTIVE OCEAN WATERS ADJOINING ST. GEORGE ISLAND IN THE BERING SEA AND PROTECT THE COMMUNITY'S ACCESS TO THE NATURAL RESOURCES IN THEM.	196,369.
ALTARUM INSTITUTE 3520 GREEN COURT #300 ANN ARBOR, MI 48105	N/A PC	TO DEVELOP A METHOD FOR MONITORING AND MANAGING THE SUPPLY AND QUALITY OF SUPPORTIVE SERVICES FOR HIGH-NEED FRAIL ELDERLY LIVING IN A PARTICULAR GEOGRAPHIC COMMUNITY BY AGGREGATING CARE PLANS.	750,000.
AMAZON CONSERVATION ASSOCIATION 1012 14TH STREET NW, SUITE 625 WASHINGTON, DC 20005	N/A PC	TO CONSERVE FOREST COVER AND BIODIVERSITY IN THE MADRE DE DIOS REGION BY CONSOLIDATING THE MANU-TAMBOPATA CONSERVATION CORRIDOR AND ITS PROTECTED AREAS (OVER 2.1 MILLION HECTARES).	300,000.
AMAZON CONSERVATION ASSOCIATION 1012 14TH STREET NW, SUITE 625 WASHINGTON, DC 20005	N/A PC	TO CONSOLIDATE MANAGEMENT OF THREE PROTECTED AREAS IN THE MADIDI-TAMBOPATA MOSAIC OF PERU AND BOLIVIA, AND ENCOURAGE GREATER INTEGRATION OF THE AREAS INTO REGIONAL DEVELOPMENT PLANNING AS PART OF A STRATEGY TO ADDRESS EXTERNAL THREATS.	1,200,000.
AMAZON CONSERVATION TEAM 4211 N. FAIRFAX DRIVE ARLINGTON, VA 22203	N/A PC	TO CONSOLIDATE THE CHIRIBIQUETE-CAQUETA MOSAIC BY STRENGTHENING LOCAL GOVERNMENTS AND ORGANIZATIONS TO IMPLEMENT LAND USE AND SUSTAINABLE DEVELOPMENT PLANS.	100,000.
AMAZON CONSERVATION TEAM 4211 N. FAIRFAX DRIVE ARLINGTON, VA 22203	N/A PC	TO INCREASE THE CONSOLIDATION CONDITIONS OF THE INDIGENOUS TERRITORIES IN THE CHIRIBIQUETE-CAQUETA MOSAIC BY STRENGTHENING LOCAL GOVERNMENTS AND INDIGENOUS ORGANIZATIONS TO FULLY IMPLEMENT TERRITORIAL MANAGEMENT PLANS AND SECURE ADDITIONAL FUNDING SOURCES.	800,000.

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AMERICAN ACADEMY OF HOSPICE AND PALLIATI 8735 W HIGGINS ROAD SUITE 300 CHICAGO, IL 60631	N/A PC	TO EXPLORE THE FEASIBILITY AND DEFINE STRATEGIC OPTIONS FOR INTEGRATING EXISTING CLINICAL REGISTRIES (OR DEVELOPING A NEW ONE) TO ADVANCE QUALITY CARE FOR THE NATION'S HIGH-NEED PATIENTS WITH CHRONIC CONDITIONS AND FUNCTIONAL LIMITATIONS.	487,401.
AMERICAN ASSOC. BEN-GURION UNIVERSITY OF THE NEGEV 1001 AVENUE OF THE AMERICAS, 19TH FLOOR NEW YORK CITY, NY 10018	N/A PC	TO PROVIDE SUPPORT FOR FIVE FELLOWSHIPS IN THE ADVANCED TRAINING PROGRAM IN DESERT STUDIES.	200,000.
AMERICAN ASSOC. FOR THE ADVANCEMENT OF SCIENCE 1200 NEW YORK AVENUE NW WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF IDENTIFYING OPPORTUNITIES TO STRENGTHEN SCIENCE ADVISING VIA POLICY FELLOWSHIP PROGRAMS IN SELECTED CENTRAL GOVERNMENTS AROUND THE WORLD. FUNDS WILL ALSO BE USED TO PLACE A PHD-LEVEL SCIENCE AND TECHNOLOGY POLICY FELLOW IN THE WHITE HOUSE OFFICE OF SCIENCE AND TECHNOLOGY POLICY TO IMPROVE U.S. POLICYMAKING BY BRINGING MORE SCIENCE TO THE DECISION-MAKING PROCESS.	148,532.
AMERICAN INSTITUTES FOR RESEARCH IN THE BEHAVIORAL 1000 THOMAS JEFFERSON STREET, NW WASHINGTON, DC 20007	N/A PC	TO IDENTIFY MEASUREMENT PRINCIPLES THAT ARE ACTIONABLE AND MEANINGFUL TO PATIENTS AND FAMILIES AND TO CREATE RECOMMENDATIONS FOR STRUCTURING PILOTS TO TEST PATIENT-CENTERED MEASUREMENT PRINCIPLES IN REAL-WORLD SETTINGS.	387,500.
AMERICAN LITTORAL SOCIETY 18 HARSHORNE DRIVE, SUITE 1 HIGHLANDS, NJ 07732	N/A PC	TO BUILD STAKEHOLDER ENGAGEMENT AND SUPPORT IN THE MID-ATLANTIC OCEAN PLANNING PROCESS.	232,860.

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ANNUAL REVIEWS, INC. 4139 EL CAMINO WAY PALO ALTO, CA 94306	N/A PC	IN SUPPORT OF ANNUAL REVIEWS AND THE DEVELOPMENT OF RESEARCH LOUNGE, A DIGITAL MAGAZINE THAT WILL COMMUNICATE SCIENTIFIC KNOWLEDGE IN A NEW AND MORE ACCESSIBLE WAY.	400,000.
AQUACULTURE STEWARDSHIP COUNCIL PO BOX 191073501 DC UTRECHT UTRECHT NETHERLANDS	N/A PC	TO SUPPORT A STREAMLINED AQUACULTURE STEWARDSHIP COUNCIL STANDARD AND CERTIFICATION PROGRAM.	182,066.
ARIZONA BOARD OF REGENTS SPONSORED PROJECTS SERVICES, PO BOX 3308 TUCSON, AZ 85722-3308	N/A GOV	IN SUPPORT OF LAUNCHING AN ON-LINE FORUM THAT WILL FOSTER DISCUSSIONS OF LABORATORY, FIELD, AND BIOINFORMATICS METHODS IN VIRUS ECOLOGY; LINK RESEARCHERS TO PUBLICATIONS THEY MAY HAVE OTHERWISE MISSED; AND INCREASE INTERACTIONS AMONG SCIENTISTS IN THE VIRUS ECOLOGY COMMUNITY.	72,301.
ASSOCIACAO DE DEFESA ETNOAMBIENTAL KANINDE RUA DOM PEDRO II, 1892, SALA 07.BAI PORTO VELHO RO BRAZIL 78901-150	N/A PC	TO CONSOLIDATE LEGACY PROTECTED AREAS AND PRIORITY INDIGENOUS LANDS IN THE ITENEZ-RONDONIA MOSAIC, AND STRENGTHEN ENVIRONMENTAL GOVERNANCE IN FOUR KEY MUNICIPALITIES IN RONDONIA STATE.	100,000.
BAY AREA OPEN SPACE COUNCIL 2150 ALLSTON WAY, SUITE 320 BERKELEY, CA 94704	N/A PC	TO ENHANCE AND UPDATE THE BAY AREA CONSERVATION LANDS NETWORK (CLN) THROUGH INCLUSION OF NEW DATASETS, AN UPDATED USER INTERFACE, IMPROVED FUNCTIONALITY, METRICS FOR KEY CONSERVATION PERFORMANCE INDICATORS, AND EXPANDED USER BASE.	250,000.

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BAYLOR COLLEGE OF MEDICINE ONE BAYLOR PLAZA HOUSTON, TX 77030	N/A PC	TO SUPPORT THE WORK OF PATIENT AND FAMILY ENGAGEMENT EARLY-CAREER INVESTIGATOR, JAMES SULIBURK, IN HIS PROJECT TO DEVELOP NOVEL AND INNOVATIVE PATIENT CENTERED USES OF MOBILE TECHNOLOGY IN THE PERIOPERATIVE CARE SETTING IN ORDER TO FACILITATE IMPROVEMENT IN SURGICAL OUTCOMES.	168,441.
BERKELEY LAB FOUNDATION 1111 BROADWAY, SUITE 1450 OAKLAND, CA 94607-4081	N/A SO I	IN SUPPORT OF EFFORTS TO DEMONSTRATE A PATH TO COMPACT FREE ELECTRON LASERS FOR EVENTUAL USE AS POWERFUL, AFFORDABLE X-RAY SOURCES FOR SCIENTIFIC DISCOVERY.	400,000.
BETH ISRAEL DEACONESS MEDICAL CENTER, INC. 330 BROOKLINE AVENUE BOSTON, MA 02215	N/A PC	TO SPREAD TRANSPARENT CLINICAL NOTES TO 50 MILLION PATIENTS THROUGHOUT THE UNITED STATES.	1,250,000.
BETH ISRAEL DEACONESS MEDICAL CENTER, INC. 330 BROOKLINE AVENUE BOSTON, MA 02215	N/A PC	TO SUPPORT A CONVENING TO DEVELOP A RESEARCH AGENDA FOR FURTHER STUDY THAT WILL LEAD TOWARDS THE BROAD ADOPTION OF THE CONSTRUCT THAT VIOLATIONS OF PATIENT RESPECT AND DIGNITY SHOULD BE APPROACHED AS A PREVENTABLE HARM.	10,000.
BIGELOW LABORATORY FOR OCEAN SCIENCES 60 BIGELOW DRIVE, PO BOX 380 EAST BOOTHBAY, ME 04544	N/A PC	IN SUPPORT OF CREATING NOVEL HIGH-THROUGHPUT PROTOCOLS FOR SEQUENCING THE GENOMES OF INDIVIDUAL VIRUSES. PROTOCOLS WILL BE SHARED TO BENEFIT THE VIRUS ECOLOGIST SCIENTIFIC COMMUNITY.	368,026.
BIPARTISAN POLICY CENTER, INC.	N/A	TO SUPPORT THE CONVENING OF PUBLIC AND PRIVATE SECTOR LEADERS AND STAKEHOLDERS TO DEVELOP, GAIN AGREEMENT ON AND WIDELY DISSEMINATE A SET OF RECOMMENDATIONS FOR A COMMON PATH FORWARD FOR ASSURING PATIENT SAFETY IN THE DEVELOPMENT,	250,000.

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1225 I ST. NW, #1000 WASHINGTON, DC 20005	PC	IMPLEMENTATION AND USE OF HEALTH IT.	
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN 21 N. PARK STREET, SUITE 6401 MADISON, WI 53715-1218	N/A GOV	IN SUPPORT OF THE COLLABORATIVE PROJECT BUILDING AN HETEROPLASMY: POPULATION DYNAMICS OF MITOCHONDRIA IN MAMMALIAN CELLS AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	56,250.
BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY 426 AUDITORIUM ROAD EAST LANSING, MI 48824	N/A GOV	IN SUPPORT OF THE DESIGN AND DEVELOPMENT OF INNOVATIVE SCIENCE LEARNING MEASURES THAT CAPTURE SCIENTIFICALLY-GROUNDED CRITICAL THINKING.	350,605.
BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY MICHIGAN STATE UNIVERSITY, PLANT BIOLOGY BUILDING EAST LANSING, MI 48824-1312	N/A GOV	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF SHENG-YANG HE.	166,667.
BOARD OF TRUSTEES, UNIVERSITY OF ARKANSAS 226 PHYSICS BUILDING, 825 WEST DICKSON STREET FAYETTEVILLE, AR 72701	N/A GOV	IN SUPPORT OF NOVEL APPROACHES TO THE SYNTHESIS OF ARTIFICIAL QUANTUM MATERIALS AND INVESTIGATIONS OF NOVEL PHENOMENA AWAY FROM EQUILIBRIUM IN THESE MATERIALS.	258,230.
BOISE STATE UNIVERSITY, BOARD OF TRUSTEES	N/A	IN SUPPORT OF THE COLLABORATIVE PROJECT DECONSTRUCTING THE CELL'S MECHANICAL CIRCUITS AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM	56,250.

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1910 UNIVERSITY DRIVE BOISE, ID 83725-1135	GOV	NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	
BRAVE NEW SOFTWARE PROJECT, INC. 3615 TACOMA AVENUE LOS ANGELES, CA 90065	N/A PC	IN SUPPORT OF A NEW OPEN AND SHARED RESEARCH PUBLISHING INFRASTRUCTURE THAT ENABLES TRANSPARENCY, REPRODUCIBILITY, AND INFORMATION SHARING.	650,000.
BROAD INSTITUTE, INC. 415 MAIN STREET CAMBRIDGE, MA 02142	N/A PC	IN SUPPORT OF THE COLLABORATIVE PROJECT BUILDING A HIGH-DIMENSIONAL CONTEXT DEPENDENCE OF A UBIQUITOUS ECOLOGICAL INTERACTION AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	56,250.
BULKLEY VALLEY CENTRE FOR NATURAL RESOURCES RESEAR 3883 3RD AVENUE SMITHERS BC CANADA V0J 2N0	N/A PC	TO SUPPORT A COLLABORATIVE MECHANISM FOR COLLECTING, ASSESSING, MONITORING AND DISSEMINATING SALMON HABITAT DATA AROUND CUMULATIVE IMPACTS IN THE SKEENA WATERSHED.	517,725.
BUSINESS INNOVATION FACTORY 60 VALLEY STREET #25	N/A	TO SUPPORT A VISIONING MEETING OF KEY STAKEHOLDERS IN THE REGION AROUND GROUND FISH MONITORING AND ACCOUNTABILITY.	149,996.

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PROVIDENCE, RI 02909	PC		
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF AN IMMERSIVE EXHIBIT EXPERIENCE ON GLOBAL CORAL REEFS, DESIGNED TO EDUCATE THE PUBLIC ABOUT THE IMPORTANT ROLE CORAL REEFS PLAY IN OCEAN BIODIVERSITY AND TO GENERATE GREATER AWARENESS OF CORAL REEF CONSERVATION EFFORTS.	750,000.
CALIFORNIA COUNCIL ON SCIENCE AND TECHNOLOGY 1130 K STREET, SUITE 280 SACRAMENTO, CA 95814	N/A PC	TO IMPROVE THE SCIENCE AND TECHNOLOGY POLICY-RELATED COMPONENTS OF POLICYMAKING THROUGH THE CONTINUED ACTIVITIES OF THE CALIFORNIA SCIENCE AND TECHNOLOGY POLICY FELLOWSHIP PROGRAM.	200,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF ENHANCED, MULTIDISCIPLINARY LABORATORY APPROACHES THAT CAN BE TRANSFERRED TO THE MARINE ENVIRONMENT, ENABLING THE QUANTIFICATION OF VARIATION IN METABOLIC ACTIVITIES AND ASSOCIATED CELL-SPECIFIC PROTEIN EXPRESSION.	298,412.
CALIFORNIA INSTITUTE OF TECHNOLOGY	N/A	THE CALIFORNIA INSTITUTE OF TECHNOLOGY, IN COLLABORATION WITH THE UNIVERSITY OF WASHINGTON AND THE UNIVERSITY OF CALIFORNIA AT BERKELEY, WILL ANALYZE THE PAST 80 YEARS OF EARTHQUAKES IN SOUTHERN CALIFORNIA TO IMPROVE RUPTURE FORECASTS, AND DEVELOP BOTH GROUND-LEVEL AND BUILDING-SPECIFIC SHAKING ALGORITHMS TO DETERMINE WHEN AUTOMATIC SHUTDOWN OF INDUSTRIAL PROCESSES COULD MITIGATE SERIOUS DAMAGE OR INJURY. THE KNOWLEDGE GAINED WILL CONTRIBUTE TO THE DEVELOPMENT OF A WEST COAST PROTOTYPE EARTHQUAKE EARLY WARNING SYSTEM CAPABLE OF PROVIDING ROBUST	200,000.

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1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	PC	ADVANCE WARNING-RANGING FROM TENS OF SECONDS TO MINUTES-OF THE SIZE, EXTENT AND TIMING OF IMMINENT EARTHQUAKES.	
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF A BAYESIAN FRAMEWORK FOR REAL-TIME EVALUATION OF EARTHQUAKE EARLY WARNING ALGORITHM OUTPUTS FOR THE SHAKEALERT SYSTEM.	500,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	N/A PC	TO SUPPORT SIX RESEARCH GROUPS WITHIN THE CHEMISTRY OF CELLULAR SIGNALING CENTER TO REVEAL, ON A CHEMICAL SCALE, THE INTERACTIONS THAT CONTROL COMPLEX SIGNALING PATHWAYS IN CELLS. THESE PATHWAYS GOVERN THE STRUCTURE AND FUNCTION OF EVERY LIVING CELL AND ARE AT THE FOREFRONT OF RESEARCH AT THE CHEMISTRY-BIOLOGY-PHYSICS INTERFACE.	1,635,307.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	N/A PC	FOR THE DEVELOPMENT OF THE PROGRAMMABLE MOLECULAR TECHNOLOGY INITIATIVE TO ESTABLISH A CENTER WITH CAPABILITIES FOR PROGRAMMING MOLECULAR FUNCTION. THE INITIATIVE WILL INITIALLY EXPLOIT THESE CAPABILITIES TO PIONEER HIGH-IMPACT TECHNOLOGIES.	1,500,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	N/A PC	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH LED BY ELLIOT MEYEROWITZ.	333,333.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	N/A PC	IN SUPPORT OF DEVELOPING THE MOLECULAR BASIS FOR DRIVING THE PHOTO-OXIDATION OF WATER TO ENABLE FUEL PRODUCTION DIRECTLY FROM SUNLIGHT.	817,927.

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CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF NEW DETECTOR ARRAYS FOR POLARIZATION-SENSITIVE MEASUREMENTS OF THE COSMIC MICROWAVE BACKGROUND RADIATION, TO ENABLE THE BICEP PROJECT TO SEARCH FOR EVIDENCE OF COSMIC INFLATION.	770,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E CALIFORNIA BOULEVARD, MC158-79 PASADENA, CA 91125	N/A PC	IN SUPPORT OF DETERMINING WHETHER COMPUTATION CAN BE USED TO REDISCOVER MAXWELL'S EQUATIONS THROUGH A VIRTUAL EXPERIMENT, AUTOMATED ANALYSIS AND MACHINE INFERENCE.	315,360.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	N/A PC	TO PROVIDE SUPPORT FOR THE THIRTY METER TELESCOPE IN THE FIRST FULL YEAR OF THE TMT INTERNATIONAL OBSERVATORY.	10,000,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	N/A PC	IN SUPPORT OF PARTIAL FUNDING TO ACQUIRE, HOUSE, AND OPERATE THREE NEW MICROSCOPES. THESE NEW MICROSCOPES ARE THE FEI 300 KEV TITAN KRIOS; THE ZEISS LSM 880 CONFOCAL LASER-SCANNING MICROSCOPE; AND THE LEICA TCS LIGHT SHEET MICROSCOPE.	1,552,350.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E CALIFORNIA BOULEVARD MC 104-44 PASADENA, CA 91125	N/A PC	TO SUPPORT A COORDINATED PROGRAM BETWEEN THE CALIFORNIA INSTITUTE OF TECHNOLOGY AND MCGILL UNIVERSITY TO DEVELOP A FLIGHT READY HOLOGRAPHIC MICROSCOPE DESIGNED TO DETECT LIFE ON OTHER WORLDS (MICROBIAL MOTILITY AND DIRECTED MOVEMENT (TAXIS)) AND IMAGE MICROBES IN EXTREME ENVIRONMENTS ON EARTH.	484,105.
CALIFORNIA INSTITUTE OF TECHNOLOGY	N/A	TO SUPPORT A PROGRAM AT THE CALIFORNIA INSTITUTE OF TECHNOLOGY TO DEVELOP A FLIGHT-READY HOLOGRAPHIC MICROSCOPE DESIGNED TO DETECT LIFE ON OTHER WORLDS (MICROBIAL MOTILITY AND DIRECTED	276,261.

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271 S. CHESTER AVENUE PASADENA, CA 91125	PC	MOVEMENT (TAXIS) AND IMAGE MICROBES IN EXTREME ENVIRONMENTS ON EARTH).	
CANADIAN INSTITUTE FOR ADVANCED RESEARCH MARS CENTRE, WEST TOWER, 661 UNIVER TORONTO ON CANADA M5G 1M1	N/A PC	IN SUPPORT OF A PARTNERSHIP BETWEEN THE CANADIAN INSTITUTE FOR ADVANCE RESEARCH AND THE SCIENCE PROGRAM OF THE GORDON AND BETTY MOORE FOUNDATION TO PLAN AND EXECUTE A SERIES OF WORKSHOPS AND CONVENING SCIENTISTS ON TOPICS RELATED TO AREAS OF INTEREST TO THE EMERGENT PHENOMENA IN QUANTUM SYSTEMS INITIATIVE AND THE MARINE MICROBIOLOGY INITIATIVE.	189,225.
CANADIAN PARKS AND WILDERNESS SOCIETY 410 - 698 SEYMOUR STREET VANCOUVER BC CANADA V6B 3K6	N/A PC	IN SUPPORT OF OCEAN PLAN IMPLEMENTATION.	403,218.
CAPE COD COMMERCIAL FISHERMENS ALLIANCE, INC. 1566 MAIN STREET CHATHAM, MA 02633	N/A PC	TO SUPPORT EFFECTIVE IMPLEMENTATION AND DURABILITY OF SECTORS FOR GROUND FISH; SUSTAINABLE FISHING COMMUNITIES, PARTICULARLY ON CAPE COD; AND INDUSTRY ENGAGEMENT IN OCEAN PLANNING AND ECOSYSTEM-BASED FISHERIES MANAGEMENT IN THE NORTHEAST.	352,117.
CAPE COD COMMERCIAL FISHERMENS ALLIANCE, INC. 1566 MAIN STREET CHATHAM, MA 02633	N/A PC	TO SUPPORT EFFECTIVE IMPLEMENTATION AND DURABILITY OF SECTORS FOR GROUND FISH; SUSTAINABLE FISHING COMMUNITIES; AND INDUSTRY ENGAGEMENT IN OCEAN PLANNING IN THE NORTHEAST.	89,167.

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CARNEGIE MELLON UNIVERSITY LANE CENTER FOR COMPUTATIONAL BIOLOGY, 5000 FORBES PITTSBURGH, PA 15213	N/A PC	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL BE USED TO DEVELOP ALGORITHMS AND OPEN-SOURCE IMPLEMENTATIONS FOR ANALYSIS OF LARGE COLLECTIONS OF GENOMICS SEQUENCING DATA TO BETTER UNDERSTAND GENETIC VARIATION, GENE EXPRESSION, AND GENE FUNCTION.	300,000.
CENTER FOR AMERICAN PROGRESS 1333 H STREET NW, 10TH FLOOR WASHINGTON, DC 20005	N/A PC	TO SUPPORT AND ADVANCE MODERN, SCIENCE-BASED OCEAN POLICIES.	196,124.
CENTRO PARA EL DESARROLLO DEL INDIGENA AMAZONICO PASAJE BONIFACIO NRO. 166, URBANIZA CALLAO PERU	N/A PC	TO STRENGTHEN MANAGEMENT OF THE MATSES NATIONAL RESERVE AND THE YAVARI-TAPICHE INDIGENOUS RESERVE IN PERU'S LORETO REGION, AND TO SUPPORT GREATER INTEGRATION OF BOTH AREAS INTO APPROPRIATE REGIONAL AND NATIONAL GOVERNANCE STRUCTURES.	415,000.
CERES, INC. 99 CHAUNCY STREET, 6TH FLOOR BOSTON, MA 02111	N/A PC	TO PILOT TEST A FIRST-GENERATION GLOBAL INITIATIVE FOR SUSTAINABILITY RATINGS (GISR) RATINGS STANDARD AND INTEGRATE SUSTAINABILITY FACTORS INTO FINANCIAL CREDIT RATINGS.	67,415.
CERES, INC. 99 CHAUNCY STREET, 6TH FLOOR BOSTON, MA 02111	N/A PC	TO IMPLEMENT THE FINANCE COLLABORATION FOR THE CONSERVATION AND FINANCIAL MARKETS INITIATIVE.	2,203,595.
CHABOT SPACE & SCIENCE CENTER FOUNDATION	N/A	IN SUPPORT OF STRATEGIC PLANNING AND CAPACITY BUILDING THAT WILL INFORM ORGANIZATIONAL PRIORITIES AND DECISION MAKING FOR 3-5 YEARS, AND WILL HELP ENSURE A FINANCIALLY SUSTAINABLE	500,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 BOULEVARD OAKLAND, CA 94619	SO I	EDUCATIONAL INSTITUTION.	
CLARK UNIVERSITY 950 MAIN STREET WORCESTER, MA 01610	N/A PC	TO DEVELOP SPATIAL BASELINES FOR MARICULTURE ACTIVITIES AND COASTAL HABITAT COVER BY WHICH TO EVALUATE IMPACTS OF SHRIMP FARMING.	620,635.
CLARK UNIVERSITY 950 MAIN STREET WORCESTER, MA 01610	N/A PC	TO DEVELOP A SPATIAL BASELINE FOR SHRIMP MARICULTURE ACTIVITY AND COASTAL HABITAT COVER IN THAILAND, VIETNAM, AND CAMBODIA.	15,068.
COALITION TO TRANSFORM ADVANCED CARE 1299 PENNSYLVANIA AVENUE NW SUITE 1175 WASHINGTON, DC 20004	N/A PC	TO SUPPORT THE DEVELOPMENT OF A CARE MODEL IMPLEMENTATION FRAMEWORK TO PROVIDE GUIDANCE TO COMMUNITY-BASED PROGRAMS THAT SEEK TO OFFER HIGH-QUALITY CARE TO SERIOUSLY ILL PATIENTS.	384,242.
COASTAL ENTERPRISES, INC. 30 FEDERAL STREET BRUNSWICK, ME 04011	N/A PC	TO DEVELOP A NATIONAL FISHERIES FINANCING FUND THAT IS MARKET-READY FOR INVESTORS AND CONTRIBUTORS.	50,000.
COASTAL STATES STEWARDSHIP FOUNDATION 44 NORTH CAPITOL STREET, NW, SUITE 638 WASHINGTON, DC 20001	N/A PC	IN SUPPORT OF A STAKEHOLDER-DRIVEN MID-ATLANTIC REGIONAL OCEAN PLAN.	1,059,649.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
COASTAL STATES STEWARDSHIP FOUNDATION 44 NORTH CAPITOL STREET, NW, SUITE 638 WASHINGTON, DC 20001	N/A PC	IN SUPPORT OF OCEAN PLANNING FOR THE PACIFIC ISLANDS REGION, INCLUDING PROCESS DESIGN, STAKEHOLDER ENGAGEMENT, MAPPING TOOLS AND DATA ANALYSIS, MEETING SUPPORT AND, IF APPROPRIATE, EARLY STEPS TOWARDS A SUB-REGIONAL PLAN.	66,375.
COLD SPRING HARBOR LABORATORY 1 BUNGTOWN ROAD COLD SPRING HARBOR, NY 11724	N/A PC	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF ROBERT MARTIENSSEN.	166,667.
COLORADO SEMINARY 2199 SOUTH UNIVERSITY BOULEVARD, MRB 222 DENVER, CO 80208	N/A PC	IN SUPPORT OF THE COLLABORATIVE PROJECT DECONSTRUCTING THE CELL'S MECHANICAL CIRCUITS AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	56,250.
COLORADO STATE UNIVERSITY FOUNDATION 410 UNIVERSITY SERVICES CENTER FORT COLLINS, CO 80523	N/A PC	IN SUPPORT OF RESEARCH AIMING TO TACKLE SOME OF THE KEY PROBLEMS IN UNDERSTANDING EARTH-HUMAN INTERACTIONS THROUGH HIGHLY INTERDISCIPLINARY COLLABORATIVE APPROACHES. THE THREE OVERARCHING THEMES ARE: CHANGING OCEANS, SUSTAINABILITY OF NATURAL ASSETS, AND THE WATER-ENERGY-FOOD NEXUS.	586,000.
TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK 615 WEST 131ST STREET, ROOM 254, MAIL CODE 8725 NEW YORK, NY 10027-7922	N/A PC	IN SUPPORT OF DEVELOPING A MICROSCALE TECHNOLOGY TO EXPLORE THE INTERACTIONS BETWEEN A MICROBE AND ITS ENDOSYMBIONT.	374,684.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 COLUMBIA UNIVERSITY IN THE CITY OF NEW 615 WEST 131ST STREET, ROOM 254, MAIL CODE 8725 NEW YORK, NY 10027-7922	N/A PC	IN SUPPORT OF MEASURING NITROGEN AND CARBON FIXATION RATES, NUTRIENT CONCENTRATIONS AND PHYTOPLANKTON COMMUNITY PROPERTIES TO GENERATE HYPOTHESES ON HOW NUTRIENT AVAILABILITY STRUCTURES PHYTOPLANKTON COMMUNITIES IN THE EQUATORIAL ATLANTIC UPWELLING SYSTEM.	30,000.
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH OR LOCKED BAG 10 CLAYTON SOUTH VICTORIA AUSTRALIA 3169	N/A GOV	TO SUPPORT THE DEVELOPMENT OF PROVIDENCE, A DISTRIBUTED, WIRELESS SENSOR NETWORK FOR MONITORING BIODIVERSITY UNDER THE AMAZON CANOPY.	350,000.
CONCORD CONSORTIUM, INC. 25 LOVE LANE CONCORD, MA 01742	N/A PC	IN SUPPORT OF COMMUNITY BUILDING, EXEMPLAR DEVELOPMENT, AND CONVENINGS TO OPTIMIZE TECHNOLOGY FOR IMPROVED SCIENCE AND TECHNOLOGY EDUCATION.	280,277.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE, #500 ARLINGTON, VA 22202	N/A PC	TO DEVELOP A TECHNICALLY SOUND, BROADLY ACCEPTABLE APPROACH TO ESTIMATING EXPLOITATION RATES FOR FISHERIES AROUND THE WORLD, AS WELL AS AN APPROACH TO ESTIMATING MAXIMUM FISHERIES PRODUCTION FOR EACH OCEAN AREA, WHICH CAN SERVE AS THE GLOBAL STANDARD FOR THE FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS AND OTHER GROUPS.	127,951.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE, #500 ARLINGTON, VA 22202	N/A PC	TO STRENGTHEN ECUADOR'S PROTECTED AREA SYSTEM, IN PARTICULAR TO INCREASE CONSOLIDATION OF THE YASUNI-PASTAZA MOSAIC AND OTHER AMAZON PROTECTED AREAS.	150,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 LAW FOUNDATION, INC. 62 SUMMER STREET BOSTON, MA 02110	N/A PC	TO SUPPORT STAKEHOLDER ENGAGEMENT AND OUTREACH IN REGIONAL OCEAN PLANNING AND ECOSYSTEM-BASED MANAGEMENT.	366,512.
CONSERVATION LAW FOUNDATION, INC. 62 SUMMER STREET BOSTON, MA 02110	N/A PC	TO SUPPORT STAKEHOLDER ENGAGEMENT AND THE COMPLETION OF A COMPREHENSIVE, ECOSYSTEM-BASED REGIONAL OCEAN PLAN, WHILE ALSO ENSURING EFFECTIVE EARLY STEPS TOWARDS IMPLEMENTATION.	350,000.
CONTINUUM ANALYTICS, INC. 221 W. 6TH STREET #1550 AUSTIN, TX 78701	N/A NC	IN SUPPORT OF DEVELOPING THE DASK AND NUMBA PACKAGES FOR THE PYTHON COMPUTING LANGUAGE INTO THEIR FIRST PRODUCTION QUALITY VERSIONS TO BENEFIT THE RESEARCH OF ACADEMIC DATA SCIENTISTS.	350,000.
CORAL REEF ALLIANCE 1330 BROADWAY, SUITE 1602 OAKLAND, CA 94612	N/A PC	TO DEVELOP NOVEL SCIENCE AT THE INTERFACE OF ECOLOGY AND EVOLUTION AND A NEW APPROACH TO CORAL REEF CONSERVATION.	194,208.
CORAL REEF ALLIANCE 1330 BROADWAY, SUITE 1602 OAKLAND, CA 94612	N/A PC	IN SUPPORT OF LAUNCHING A NOVEL BRANCH OF SCIENTIFIC INQUIRY TO EXPLORE HOW VARIATION IN THE DIVERSITY AND CONNECTIVITY OF REEF-BUILDING CORALS MAY AFFECT THEIR ABILITY TO ADAPT TO GLOBAL CLIMATE CHANGE.	298,551.
CORNELL UNIVERSITY PO BOX 22 ITHACA, NY 14851	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF NOVEL TECHNIQUES TO INVESTIGATE NEUTRAL QUANTUM FLUIDS AND THE VISUALIZATION OF THE ATOMIC-SCALE ELECTRONIC STRUCTURE OF QUANTUM MATERIALS.	450,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
DALHOUSIE UNIVERSITY 5850 COLLEGE STREET, ROOM 9-B1, SIR HALIFAX NOVA SCOTIA CANADA B3H 4R2	N/A PC	IN SUPPORT OF CREATING NEW METHODS FOR STUDYING EVOLUTION AND GENE MOVEMENT BETWEEN DIVERSE MICROBES AND TESTING NOVEL CONCEPTS FOR HOW THIS PROCESS OCCURS.	162,292.
DAVID SUZUKI FOUNDATION 2211 WEST 4TH AVENUE, SUITE 219 VANCOUVER BC CANADA V6K 4S2	N/A PC	IN SUPPORT OF OCEAN KEEPERS AS A NETWORK ACROSS CANADA THAT SUPPORTS OCEAN PLANNING OUTCOMES.	205,603.
DERECHO AMBIENTE Y RECURSOS NATURALES CALLE BERMUDEZ N 788 IQUITOS MAYNAS PERU	N/A PC	TO STRENGTHEN THE CAPACITY OF REGIONAL ENVIRONMENTAL AUTHORITIES TO MANAGE AND APPLY SPATIALLY EXPLICIT INFORMATION TO MANAGE PROTECTED AREAS AND REGULATE EXTRACTIVE INDUSTRIES.	280,000.
DUKE UNIVERSITY 125 SCIENCE DRIVE DURHAM, NC 27708	N/A PC	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF XINNIAN DONG.	166,667.
DUKE UNIVERSITY 2200 W. MAIN STREET, SUITE 710 ERWIN SQUARE DURHAM, NC 27705	N/A PC	IN SUPPORT OF DEVELOPING METHODS TO STUDY MICROSCALE INTERACTIONS BETWEEN A PHOTOSYNTHETIC DIATOM AND ITS BACTERIAL PARTNERS IN MARINE ENVIRONMENTS TO UNDERSTAND THEIR MOLECULAR AND EVOLUTIONARY BASIS.	215,913.
DUKE UNIVERSITY 125 SCIENCE DRIVE DURHAM, NC 27708	N/A PC	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH LED BY PHILIP BENFEY.	333,333.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
EMERGENCY CARE RESEARCH INSTITUTE 5200 BUTLER PIKE PLYMOUTH MEETING, PA 19462	N/A PC	TO BUILD A SUSTAINABLE PRIVATE SECTOR INFRASTRUCTURE FOR EFFECTIVE HEALTH INFORMATION TECHNOLOGY PATIENT SAFETY PRACTICES.	1,030,690.
ENVIRONMENTAL DEFENSE FUND INCORPORATED 257 PARK AVENUE SOUTH NEW YORK, NY 10010	N/A PC	TO IMPROVE THE MANAGEMENT OF U.S. FISHERIES THROUGH THE IMPLEMENTATION OF CATCH SHARE PROGRAMS AND OTHER SCIENCE-BASED TOOLS THAT PROTECT MARINE ECOSYSTEMS AND CREATE A SUSTAINABLE FISHING INDUSTRY.	900,000.
ENVIRONMENTAL DEFENSE FUND INCORPORATED 257 PARK AVENUE SOUTH NEW YORK, NY 10010	N/A PC	TO SUPPORT REFINEMENT AND DURABILITY OF THE NEW ENGLAND GROUND FISH SECTOR MANAGEMENT SYSTEM.	480,000.
ENVIRONMENTAL DEFENSE FUND INCORPORATED 257 PARK AVENUE SOUTH NEW YORK, NY 10010	N/A PC	IN SUPPORT OF PROTECTED AREA MANAGEMENT AND REDUCTION OF DEFORESTATION AND FOREST DEGRADATION IN THE XINGU PROTECTED AREA CORRIDOR OF PARA AND MATO GROSSO, BRAZIL.	114,000.
ETH ZURICH RAMISTRASSE 101, HG E 43-49 ZURICH SWITZERLAND 8092	N/A PC	IN SUPPORT OF LAYING THE GROUNDWORK FOR ESTABLISHING AN ECOLOGICAL FRAMEWORK FOR HOW MICROENVIRONMENTAL CONDITIONS AFFECT MICROBIAL FITNESS AND MARINE BIOGEOCHEMISTRY.	870,708.
FIELD MUSEUM OF NATURAL HISTORY 1400 S. LAKE SHORE DRIVE CHICAGO, IL 60605-2496	N/A PC	TO SUPPORT SOUND LAND USE DECISION-MAKING CONSISTENT WITH THE CONSOLIDATION OF PROTECTED AREAS AND INDIGENOUS LANDS IN THE AMAZON REGIONS OF SOUTHERN COLOMBIA AND NORTHERN PERU.	750,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 DRIVE CHICAGO, IL 60605-2496	N/A PC	TO CREATE THE NECESSARY INSTITUTIONAL AND KNOWLEDGE CONDITIONS FOR ESTABLISHING NEW CONSERVATION AREAS IN THE PERUVIAN PORTIONS OF THE MIDDLE AND LOWER PUTUMAYO RIVER BASIN, AND STRENGTHEN REGIONAL GOVERNMENT CAPACITY FOR SCIENCE-BASED LAND USE DECISION-MAKING.	200,000.
FIRST ALASKANS INSTITUTE 606 E. STREET, SUITE 200 ANCHORAGE, AK 99501	N/A PC	TO DEVELOP PATHWAYS FOR PROTECTING ALASKA NATIVE WAYS OF LIFE.	610,825.
FIRST NATIONS FISHERIES SOCIETY 320 - 1200 WEST 73RD AVENUE VANCOUVER BC CANADA V6P 6G5	N/A NC	TO INCREASE FIRST NATIONS KNOWLEDGE AND PARTICIPATION IN FRESHWATER MANAGEMENT ISSUES.	145,118.
FRIEDRICH-ALEXANDER-UNIVERSITY ERLANGEN-NUREMBERG SCHLOSSPLATZ 4 ERLANGEN BAVARIA GERMANY 91054	N/A PC	IN SUPPORT OF A COORDINATED PROGRAM AMONG STANFORD UNIVERSITY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND THE MAX PLANCK INSTITUTE OF QUANTUM OPTICS TO DEMONSTRATE INTERACTION-FREE MEASUREMENTS WITH ELECTRONS, WHICH IF SUCCESSFUL WILL FORM THE BASIC PRINCIPLES FOR FUTURE DEVELOPMENT OF AN ELECTRON MICROSCOPE BASED ON QUANTUM PHYSICS.	114,528.
FUNDACAO VITORIA AMAZONICA RUA ESTRELA DALVA, 146, CJ MORADA MANAUS AM BRAZIL 69083-093	N/A NC	TO SUPPORT THE CONSOLIDATION OF LEGACY PROTECTED AREAS, AND MITIGATE THREATS IN THE LOWER RIO NEGRO MOSAIC OF THE BRAZILIAN AMAZON.	250,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
FUNDACION GAIA AMAZONAS CRA. 4 26B-31 BOGOTA DC COLOMBIA	N/A PC	TO APPLY INDIGENOUS LAND MANAGEMENT KNOWLEDGE IN COMPLETING THE GOVERNANCE STRUCTURE AND MANAGEMENT PLAN FOR THE YAIGOJE APAPORIS NATIONAL PARK, IN CHIRIBIQUETE-CAQUETA MOSAIC, OF COLOMBIA.	200,000.
FUNDACION PARA LA CONSERVACION Y EL DESARROLLO SOS CARRERA 70 C NO. 50-47 BOGOTA COLOMBIA	N/A PC	TO SUPPORT SOUND LAND USE DECISION-MAKING CONSISTENT WITH THE CONSOLIDATION OF PROTECTED AREAS AND INDIGENOUS LANDS IN THE AMAZON REGIONS OF SOUTHERN COLOMBIA AND NORTHERN PERU.	390,000.
FUNDO BRASILEIRO PARA A BIODIVERSIDADE RUA VOLUNTARIOS DA PATRIA, 286 5 AN RIO DE JANEIRO RJ BRAZIL CEP 22270-014	N/A PC	TO FURTHER SUPPORT THE DEVELOPMENT AND CONSOLIDATION OF ENVIRONMENTAL COMPENSATION FUNDS IN BRAZIL AT STATE AND FEDERAL LEVEL AND OTHER ADDITIONAL SOURCES OF FUNDING FOR AMAZONIAN PROTECTED AREAS WITHIN AND OUTSIDE THE ARPA FOR LIFE MECHANISM.	200,000.
GRAVITY TANK 332 PINE STREET, FLOOR 8 SAN FRANCISCO, CA 94104	N/A NC	TO SUPPORT THE DEVELOPMENT OF USE CASES FOR A DIGITAL HEALTH ADVISOR.	194,000.
GREAT BEAR INITIATIVE SOCIETY 409 GRANVILLE STREET, SUITE 1660 VANCOUVER BC CANADA V6C 1T2	N/A NC	IN SUPPORT OF FIRST NATIONS COLLECTION OF ANCESTRAL LAWS TO SUPPORT WILD SALMON AND MARINE CONSERVATION OUTCOMES.	250,000.
GREAT BEAR INITIATIVE SOCIETY 409 GRANVILLE STREET, SUITE 1660 VANCOUVER BC CANADA V6C 1T2	N/A NC	IN SUPPORT OF THE COASTAL STEWARDSHIP NETWORK AND REFINING A REGIONAL MONITORING SYSTEM AND DATA MANAGEMENT SYSTEM TO SUPPORT OCEAN PLAN IMPLEMENTATION.	655,686.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
GREAT BEAR INITIATIVE SOCIETY 409 GRANVILLE STREET, SUITE 1660 VANCOUVER BC CANADA V6C 1T2	N/A NC	TO SUPPORT FIRST NATIONS LEADERSHIP AND COMMUNITY MARINE SPATIAL PLAN DEVELOPMENT AND IMPLEMENTATION.	491,367.
GREAT BEAR INITIATIVE SOCIETY 409 GRANVILLE STREET, SUITE 1660 VANCOUVER BC CANADA V6C 1T2	N/A NC	TO SUPPORT FIRST NATIONS LEADERSHIP AND COMMUNITY OCEAN PLAN IMPLEMENTATION FOR DURABLE BEHAVIOR CHANGE AND CONSERVATION OUTCOMES.	1,800,000.
GREATER WASHINGTON EDUCATIONAL TELECOMMUNICATIONS 3939 CAMPBELL AVENUE ARLINGTON, VA 22206	N/A PC	IN SUPPORT OF PBS NEWSHOUR FOR A SCIENCE-BASED PROGRAM THAT USES TRADITIONAL BROADCAST, WEB-BASED MEDIA CONTENT AND SOCIAL MEDIA TO INFORM AND EDUCATE THE PUBLIC OF THE CREATIVE AND INNOVATIVE CONTRIBUTIONS BEING MADE BY SCIENTISTS AND ENGINEERS.	333,333.
GREEN FIRE PRODUCTIONS PO BOX 369 LA GRANDE, OR 97850	N/A PC	IN SUPPORT OF OCEAN PLANNING FILM SCREENINGS IN THE UNITED STATES AND CANADA.	375,000.
GULF OF MAINE RESEARCH INSTITUTE 350 COMMERCIAL STREET PORTLAND, ME 04101	N/A PC	IN SUPPORT OF WORK TO ADVANCE DURABLE GROUND FISH SECTORS IN NEW ENGLAND, INCREASE PROFITABILITY FOR FISHERMEN, AND PROVIDE OUTREACH AND EDUCATION TO THE REGION'S FISHING INDUSTRY, FISHERIES MANAGERS, AND POLICY LEADERS.	516,827.
HENRY J KAISER FAMILY FOUNDATION 2400 SAND HILL ROAD	N/A	TO IMPROVE PUBLIC UNDERSTANDING OF SERIOUS ILLNESS ISSUES AND TO INTRODUCE THEM TO INNOVATIVE HEALTH CARE PROGRAMS AND APPROACHES.	3,660,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
MENLO PARK, CA 94025	PC		
HUMAN DIAGNOSIS PROJECT, LTD. 2328 MORGAN LANE DUNN LORING, VA 22027	N/A PC	IN SUPPORT OF MULTI-CLINIC DEPLOYMENT AND ASSESSMENT OF AN INNOVATIVE SOFTWARE PLATFORM THAT FACILITATES MULTI-PHYSICIAN INPUT FOR THE DIAGNOSTIC PROCESS.	750,000.
IBIOLOGY 600 16TH STREET N312E MC2200 SAN FRANCISCO, CA 94143	N/A PC	IN SUPPORT OF THE PRODUCTION OF A MULTIMEDIA DOCUMENTARY ON THE DISCOVERY OF CRISPR AND ITS PLACE IN THE LARGER HISTORY OF GENE EDITING.	300,000.
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI ONE GUSTAVE L. LEVY PLACE, BOX 1070 NEW YORK, NY 10029-6574	N/A PC	TO SUPPORT THE CREATION OF A "BUSINESS INCUBATOR" TO HELP COMMUNITY-BASED SERIOUS ILLNESS PROGRAMS THRIVE UNDER ALTERNATIVE PAYMENT MODELS.	595,000.
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI ONE GUSTAVE L. LEVY PLACE, BOX 1070 NEW YORK, NY 10029-6574	N/A PC	TO SUPPORT THE EXPANSION OF THE NATIONAL PALLIATIVE CARE REGISTRY, THUS ENABLING THE FIELD TO MONITOR THE PREVALENCE OF COMMUNITY-BASED SERIOUS ILLNESS PROGRAMS AND USE THAT COMPARATIVE DATA TO INFORM POLICY AND CARE PRACTICES.	976,789.
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI ONE GUSTAVE L. LEVY PLACE, BOX 1070 NEW YORK, NY 10029-6574	N/A PC	TO SUPPORT THE CENTER FOR ADVANCING PALLIATIVE CARE IN CONVENING PRIVATE HEALTH INSURANCE PAYERS TO DEVELOP PAYMENT MODELS FOR PALLIATIVE CARE.	150,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI ONE GUSTAVE L. LEVY PLACE, BOX 1070 NEW YORK, NY 10029-6574	N/A PC	TO SUPPORT A NEW COLLABORATION FOCUSED ON IMPROVING COMMUNICATIONS BETWEEN CLINICIANS AND PATIENTS ABOUT END-OF-LIFE CARE AND OPTIONS.	2,254,673.
IEPE - INSTITUTO DE PESQUISA E FORMACAO INDIGENA RUA PROFESSOR MONJARDINO, 19 - VILA SAO PAULO SP BRAZIL CEP 05625-160	N/A PC	TO COMPLETE TERRITORIAL AND ENVIRONMENTAL MANAGEMENT PLANS, AND BEGIN THEIR IMPLEMENTATION FOR THE PARQUE DE TUMUCUMAQUE AND RIO PARU D'ESTE INDIGENOUS LANDS, WHILE BUILDING INTEGRATED GOVERNANCE MECHANISMS FOR THE CALHA NORTE PROTECTED AREA MOSAIC AND NEIGHBORING PROTECTED AREAS.	300,000.
IEPE - INSTITUTO DE PESQUISA E FORMACAO INDIGENA RUA PROFESSOR MONJARDINO, 19 - VILA SAO PAULO SP BRAZIL CEP 05625-160	N/A PC	TO IMPROVE THE CONSOLIDATION STATUS OF FIVE INDIGENOUS LANDS (ABOUT 11 MILLION HECTARES): TROMBETAS-MAPUERA, NHAMUNDA-MAPUERA AND KATXYANA-TUNAYANA, TUMUCUMAQUE PARK AND RIO PARU D'ESTE, WHILE BUILDING INTEGRATED GOVERNANCE MECHANISMS FOR THE CALHA NORTE MOSAIC.	1,400,000.
IHC HEALTH SERVICES, INC. 36 SOUTH STATE STREET 23RD FLOOR SALT LAKE CITY, UT 84111	N/A PC	TO SUPPORT THE STUDY OF THE PROPORTION AND NATURE OF EMERGENCY DEPARTMENT AND URGENT CARE CENTER VISITS ASSOCIATED WITH FAILURES IN OUTPATIENT CARE AND TO PROPOSE AND TEST A TAXONOMY OF THE CAUSES AND EFFECTS FOR FAILURES IN OUTPATIENT CARE THAT RESULT IN AN EMERGENCY DEPARTMENT OR URGENT CARE VISIT.	287,000.
IMPACTASSETS, INC. 7315 WISCONSIN AVENUE, SUITE 1100W BETHESDA, MD 20814	N/A PC	TO SUPPORT THE DEVELOPMENT OF A NEW BUSINESS MODEL TO CREATE TANGIBLE FISHERIES INVESTMENT OPPORTUNITIES IN SOUTHEAST ASIA.	100,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
IMPACTASSETS, INC. 7315 WISCONSIN AVENUE, SUITE 1100W BETHESDA, MD 20814	N/A PC	TO DETERMINE THE COSTS AND BENEFITS OF ESTABLISHING VARIOUS LEVELS OF TRACEABILITY IN SEAFOOD SUPPLY CHAINS AND THE RETURN ON INVESTMENT OF TRACEABILITY TECHNOLOGY PACKAGES.	30,000.
IMPACTASSETS, INC. 7315 WISCONSIN AVENUE, SUITE 1100W BETHESDA, MD 20814	N/A PC	TO DETERMINE THE COSTS AND BENEFITS OF ESTABLISHING VARIOUS LEVELS OF TRACEABILITY IN SEAFOOD SUPPLY CHAINS AND THE RETURN ON INVESTMENT OF TRACEABILITY TECHNOLOGY PACKAGES.	500,000.
INDIANA UNIVERSITY 1001 EAST THIRD STREET BLOOMINGTON, IN 47405-3700	N/A GOV	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF CRAIG PIKAARD.	166,667.
INSTITUTE FOR HEALTHCARE IMPROVEMENT 20 UNIVERSITY ROAD, 7TH FLOOR CAMBRIDGE, MA 02138	N/A PC	TO SUPPORT THE CONVERSATION PROJECT, A PROJECT OF IHI, TO REFINE AND SPREAD THEIR EDUCATIONAL MESSAGES AND TOOLS AROUND END-OF-LIFE PLANNING TO NEW AUDIENCES.	1,262,298.
INSTITUTE OF CHARTERED ACCOUNTANTS IN ENGLAND AND CHARTERED ACCOUNTANTS HALL, MOORGA LONDON LONDON UNITED KINGDOM EC2R 6EA	N/A NC	TO DRIVE CORPORATE BEHAVIOR CHANGE TOWARD ENVIRONMENTAL SUSTAINABILITY BY ENABLING BUSINESSES AND INVESTOR COMMUNITIES IN KEY AGRICULTURE SECTORS TO MEASURE AND MANAGE RELATED RISKS AND OPPORTUNITIES THROUGH A HARMONIZED APPROACH FOR VALUING NATURAL CAPITAL.	100,000.
INSTITUTE OF FOOD TECHNOLOGISTS 1025 CONNECTICUT AVENUE NW, SUITE 503 WASHINGTON, DC 20036-0503	N/A PC	TO DESIGN A DATA-SHARING TECHNOLOGY ARCHITECTURE SUITABLE TO THE SEAFOOD INDUSTRY AND TO PROVIDE THE SUPPORTING COMMUNICATIONS, EDUCATION AND TRAINING NEEDED TO ACCELERATE IMPLEMENTATION OF A RELIABLE, INTEROPERABLE GLOBAL SEAFOOD TRACEABILITY SYSTEM.	500,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
INSTITUTES FOR JOURNALISM AND NATURAL RESOURCES PO BOX 1996 MISSOULA, MT 59806	N/A PC	TO SUPPORT A JOURNALISM INSTITUTE IN BRITISH COLUMBIA FOR SELECTED JOURNALISTS IN THE GREAT BEAR SEA AND GREAT BEAR RAINFOREST TO LEARN FIRST-HAND ABOUT THE REGION'S COMPLEX ISSUES AND SOLUTIONS.	125,000.
INSTITUTO CENTRO DE VIDA RUA AMERICO SALGADO, 1890, SANTA HE CUIABA MT BRAZIL 78045-055	N/A PC	IN SUPPORT OF TESTING A SCALABLE MODEL TO COST-EFFECTIVELY ACCELERATE VERIFIED DEFORESTATION-FREE BEEF PRODUCTION IN THE ALTA FLORESTA REGION IN MATO GROSSO, BRAZIL.	450,000.
INSTITUTO DE CONSERVACAO E DESENVOLVIMENTO SUSTENT RUA BARAO DE SOLIMOEES, 12 - PARQUE FLORES -MANAUS AM BRAZIL CEP 69058-250	N/A PC	TO DEVELOP TOOLS AND PRESENT RECOMMENDATIONS TO CONSERVATION AUTHORITIES OF AMAZONAS STATE TO SUPPORT AND MONITOR THE IMPLEMENTATION OF PROTECTED AREAS AND OTHER RELEVANT ENVIRONMENTAL POLICIES.	70,000.
INSTITUTO DE DESENVOLVIMENTO SUSTENTAVEL MAMIRAU ESTRADA DO BEXIGA, 2.584 BAIRRO FON CX. POSTAL 38 69470-000 TEFE (AM) BRAZIL	N/A PC	TO SUPPORT THE DEVELOPMENT OF PROVIDENCE, A DISTRIBUTED, WIRELESS SENSOR NETWORK FOR MONITORING BIODIVERSITY UNDER THE AMAZON CANOPY.	200,000.
INSTITUTO DE DESENVOLVIMENTO SUSTENTAVEL MAMIRAU ESTRADA DO BEXIGA, 2.584 BAIRRO FON CX. POSTAL 38 69470-000 TEFE (AM) BRAZIL	N/A PC	TO SUPPORT THE CONSOLIDATION AND DISSEMINATION OF SUSTAINABLE NATURAL RESOURCE MANAGEMENT PRACTICES IN WETLANDS AS A MODEL FOR THE ARPA PROGRAM AND THE BRAZILIAN SYSTEM OF PROTECTED AREAS.	1,400,000.
INSTITUTO DE PESQUISA AMBIENTAL DA AMAZONIA AVENIDA NAZARE 669 BELEM PA BRAZIL 66035-170	N/A PC	TO DEVELOP AND OPERATIONALIZE AN INTEGRATED WEB-BASED PORTAL FOR BRAZILIAN AMAZONIAN PROTECTED AREAS TO BE USED FOR ACCESSING THREATS AND OPPORTUNITIES TO GUIDE APPROPRIATE ACTIONS BY FEDERAL AND STATE AGENCIES.	600,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 PESQUISAS ECOLOGICAS ROD. DOM PEDRO I, KM 47 NAZARE PAULISTA SP BRAZIL 47 - 12960-000	N/A PC	TO SUPPORT NEW APPROACHES FOR INFORMATION MANAGEMENT, INTEGRATED TERRITORIAL MANAGEMENT, AND LOCAL STAFFING FOR THE SYSTEM OF PROTECTED AREAS IN BRAZIL.	1,200,000.
INSTITUTO DE PESQUISAS ECOLOGICAS ROD. DOM PEDRO I, KM 47 NAZARE PAULISTA SP BRAZIL 47 - 12960-000	N/A PC	IN SUPPORT OF THE CONSOLIDATION AND SCALING-UP OF THE BRAZILIAN NATIONAL PROGRAM FOR BIODIVERSITY MONITORING IN PROTECTED AREAS TO IMPROVE THE CONSERVATION EFFECTIVENESS OF THE ARPA PROGRAM AND FEDERAL PROTECTED AREAS.	200,000.
INSTITUTO DEL BIEN COMUN AV.SALAVERRY 818, JESUS MARIA LIMA LIMA PERU 18	N/A PC	TO STRENGTHEN THE ORGANIZATIONAL STATUS OF THE PROTECTED AREAS AND INDIGENOUS LANDS IN THE AMPIYACU MOSAIC IN PERU, AND ENSURE THAT THE CONDITIONS ARE IN PLACE TO ADDRESS CURRENT AND POTENTIAL THREATS FROM OVERFISHING, LOGGING, AND ROAD BUILDING.	818,164.
INSTITUTO DEL BIEN COMUN AV.SALAVERRY 818, JESUS MARIA LIMA LIMA PERU 18	N/A PC	TO STRENGTHEN THE CAPACITY OF THE REGIONAL ENVIRONMENTAL AUTHORITY OF LORETO, PERU, TO WORK EFFECTIVELY WITH LOCAL COMMUNITIES, CIVIL SOCIETY NGOS AND RELEVANT NATIONAL AUTHORITIES TO BUILD A DURABLE SYSTEM FOR CREATING AND MANAGING REGIONAL CONSERVATION AREAS.	300,000.
INSTITUTO DO HOMEM E MEIO AMBIENTE DA AMAZONIA RUA DOMINGOS MARREIROS, 2020 - BAIR BELEM PA BRAZIL 66060-160	N/A PC	TO CONSERVE 14.1 MILLION HECTARES OF THE CALHA NORTE MOSAIC BY SUPPORTING THE DEVELOPMENT OF SUSTAINABLE FINANCE AND GOVERNANCE MECHANISMS, AND A TERRITORIAL MONITORING PROGRAM.	100,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 DO HOMEM E MEIO AMBIENTE DA AMAZONIA RUA DOMINGOS MARREIROS, 2020 - BAIR BELEM PA BRAZIL 66060-160	N/A PC	TO DEVELOP AND OPERATIONALIZE AN INTEGRATED WEB-BASED PORTAL FOR BRAZILIAN AMAZONIAN PROTECTED AREAS, WHICH WILL BE USED TO ACCESS THREATS AND OPPORTUNITIES AND GUIDE APPROPRIATE ACTIONS BY FEDERAL AND STATE AGENCIES.	600,000.
INSTITUTO INTERNACIONAL DE EDUCACAO DO BRASIL SHIS QI 05, BLOCO F, SALA 101CENTRO BRASILIA DF BRAZIL 71606-900	N/A PC	TO CONSOLIDATE THE CONSERVATION OF THE MADEIRA MOSAIC (ABOUT 7 MILLION HECTARES) BY DEVELOPING A PARTICIPATORY AND INTEGRATED ACTION PLAN FOR ITS PROTECTED AREAS AND BY SATISFYING THE LEGAL REQUIREMENTS FOR THE MOSAIC TO BE RECOGNIZED AS A GOVERNANCE UNIT AT THE FEDERAL LEVEL.	254,000.
INSTITUTO SOCIOAMBIENTAL AV. HIGIENOPOLIS, 901 SAO PAULO SP BRAZIL 01238-001	N/A PC	IN SUPPORT OF THE PREPARATION, DISTRIBUTION, AND PUBLISHING OF INTERDISCIPLINARY GEOREFERENCED ANALYSIS TO INFORM THE DECISION-MAKING OF GOVERNMENTS AND CIVIL SOCIETY USE IN THE NINE AMAZONIAN COUNTRIES, AND TO SUPPORT THE CONSOLIDATION OF THE INDIGENOUS TERRITORIES AND PROTECTED AREAS IN THE XINGU CORRIDOR, BRAZIL.	229,252.
INSTITUTO SOCIOAMBIENTAL AV. HIGIENOPOLIS, 901 SAO PAULO SP BRAZIL 01238-001	N/A PC	IN SUPPORT OF THE IMPROVEMENT AND CONTINUED MAINTENANCE OF AN INDIGENOUS LAND MONITORING SYSTEM, AND CONSOLIDATION OF KEY RESOURCE MANAGEMENT PLANS FOR THE UPPER RIO NEGRO INDIGENOUS LANDS IN BRAZIL, COVERING ABOUT 11.5 MILLION HECTARES.	500,000.
INSTITUTO SOCIOAMBIENTAL AV. HIGIENOPOLIS, 901 SAO PAULO SP BRAZIL 01238-001	N/A PC	TO STRENGTHEN SOCIO-ENVIRONMENTAL MANAGEMENT OF PROTECTED AREAS AND INDIGENOUS TERRITORIES IN THE BRAZILIAN AMAZON THROUGH THE IMPROVEMENT OF APPROPRIATE TOOLS AND METHODOLOGIES.	140,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
INTER-AMERICAN DIALOGUE 1211 CONNECTICUT AVENUE, NW WASHINGTON, DC 20036	N/A PC	TO ORGANIZE A DIALOGUE WITH DECISION-MAKERS FOCUSED ON THE PEACE AGREEMENT'S POTENTIAL SOCIO-ENVIRONMENTAL RISKS ON THE COLOMBIAN AMAZON.	126,000.
INTERNATIONAL SEAFOOD SUSTAINABILITY FOUNDATION 601 NEW JERSEY AVENUE NW, SUITE 220 WASHINGTON, DC 20001	N/A SO I	TO STRENGTHEN THE ORGANIZATION'S ABILITY TO INCREASE AND BETTER ENFORCE REGIONAL FISHERY MANAGEMENT ORGANIZATIONS' REQUIREMENTS AROUND REFERENCE POINTS AND HARVEST CONTROL RULES, FISH AGGREGATING DEVICE MANAGEMENT, DATA COLLECTION, AND MONITORING, CONTROL, AND SURVEILLANCE.	1,496,000.
INUIT CIRCUMPOLAR COUNCIL CANADA 75 ALBERT STREET OTTAWA CANADA	N/A PC	TO SUPPORT AN INUIT-LED INITIATIVE TO SECURE PROTECTION AND COMPREHENSIVE MANAGEMENT OF THE PIKIALASORSUAQ POLYNYA.	124,975.
IOWA STATE UNIVERSITY 12 PHYSICS HALL, IOWA STATE UNIVERSITY AMES, IA 50011	N/A GOV	IN SUPPORT OF RESEARCH TARGETING DISCOVERY OF NEW MATERIALS EXHIBITING UNCONVENTIONAL SUPERCONDUCTIVITY AND QUANTUM CRITICAL BEHAVIOR.	310,000.
ISLAND INSTITUTE PO BOX 648 ROCKLAND, ME 04841	N/A PC	TO ADVANCE NEW ENGLAND REGIONAL OCEAN PLANNING BY SUPPORTING ENGAGEMENT BETWEEN FISHERMEN, NATURAL RESOURCE DEPENDENT COMMUNITIES, AND OCEAN PLANNING STAKEHOLDERS.	150,945.
J. CRAIG VENTER INSTITUTE, INC. 5 RESEARCH PLACE ROCKVILLE, MD 20850	N/A PC	IN SUPPORT OF DEVELOPING GENETIC TOOLS FOR MARINE DIATOMS.	144,850.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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	N/A PC	IN SUPPORT OF A NEW DATA STORAGE AND PROCESSING SYSTEM FOR THE PUBLIC ARCHIVE OF PANSTARRS DATASETS.	320,000.
JOHNS HOPKINS UNIVERSITY 733 N. BROADWAY BALTIMORE, MD 21205	N/A PC	TO SUPPORT THE WORK OF PATIENT AND FAMILY ENGAGEMENT EARLY-CAREER INVESTIGATOR, ALISON TURNBULL, IN HER PROJECT TO COMPLETE THE NECESSARY AND SUFFICIENT PRELIMINARY WORK TO DESIGN A FUTURE RANDOMIZED TRIAL OF A NOVEL INTERVENTION FOR ENSURING THAT CRITICALLY ILL PATIENTS AND FAMILIES ARE ENGAGED IN SHARED DECISION-MAKING ABOUT TREATMENT OPTIONS CONCORDANT WITH THEIR GOALS.	168,707.
JOHNS HOPKINS UNIVERSITY 733 N. BROADWAY BALTIMORE, MD 21205	N/A PC	TO SUPPORT THE WORK OF PATIENT AND FAMILY ENGAGEMENT EARLY-CAREER INVESTIGATOR, LISA DECAMP, IN HER PROJECT TO CREATE NOVEL INTERVENTION INTEGRATING MHEALTH TECHNOLOGY AND CULTURALLY- AND LINGUISTICALLY-TAILORED INTERPERSONAL SUPPORT TO INCREASE HEALTH CARE ENGAGEMENT OF LEP LATINO PARENTS AND TO ENABLE THEM TO OVERCOME BARRIERS TO EFFECTIVE HEALTH CARE ACCESS AND USE.	165,564.
JOHNS HOPKINS UNIVERSITY 3701 SAN MARTIN DRIVE BALTIMORE, MD 21218	N/A PC	IN SUPPORT OF LEADING-EDGE RESEARCH TO DEVELOP TIME-RESOLVED NEUTRON SCATTERING AS A PROBE OF QUANTUM MATERIALS FAR FROM EQUILIBRIUM.	422,218.
JOHNS HOPKINS UNIVERSITY	N/A	TO SUPPORT THE WORK OF PATIENT AND FAMILY ENGAGEMENT EARLY-CAREER INVESTIGATOR, ERICA SHELTON, IN HER PROJECT TO TEST THE EFFECTIVENESS OF A COMMUNITY HEALTH WORKER INTERVENTION COMPARED TO AN ENHANCED STANDARD OF CARE AMONG	160,918.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
733 N. BROADWAY BALTIMORE, MD 21205	PC	PATIENTS IDENTIFIED BY EMERGENCY DEPARTMENT (ED) CASE MANAGERS TO BE AT HIGH RISK FOR ED REUTILIZATION.	
LAWRENCE BERKELEY NATIONAL LABORATORY 1 CYCLOTRON ROAD BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF RESEARCH TARGETING THE DEVELOPMENT OF NOVEL X-RAY SCATTERING INSTRUMENTATION FOR PROBING QUANTUM MATERIALS.	1,400,000.
LIFE SCIENCES RESEARCH FOUNDATION 3520 SAN MARTIN DRIVE BALTIMORE, MD 21218	N/A PC	IN SUPPORT OF PRESTIGIOUS THREE-YEAR POST-DOCTORAL FELLOWSHIPS FOR FIVE TOP RESEARCHERS IN NON-BIOMEDICAL BIOLOGICAL SCIENCE DISCIPLINES TYPICALLY UNDERFUNDED BY OTHER SOURCES.	310,000.
LIFE SCIENCES RESEARCH FOUNDATION 3520 SAN MARTIN DRIVE BALTIMORE, MD 21218	N/A PC	IN SUPPORT OF PRESTIGIOUS THREE-YEAR POST-DOCTORAL FELLOWSHIPS FOR FIVE TOP RESEARCHERS IN NON-BIOMEDICAL BIOLOGICAL SCIENCE DISCIPLINES TYPICALLY UNDERFUNDED BY OTHER SOURCES.	305,000.
LIFE SCIENCES RESEARCH FOUNDATION 3520 SAN MARTIN DRIVE BALTIMORE, MD 21218	N/A PC	IN SUPPORT OF PRESTIGIOUS THREE-YEAR POST-DOCTORAL FELLOWSHIPS FOR FIVE TOP RESEARCHERS IN NON-BIOMEDICAL BIOLOGICAL SCIENCE DISCIPLINES TYPICALLY UNDERFUNDED BY OTHER SOURCES.	305,000.
MAINE COAST FISHERMEN'S ASSOCIATION	N/A	TO SUPPORT A DURABLE GROUND FISH FISHERY IN NEW ENGLAND WITH A FOCUS ON MAINE FISHERMEN, THROUGH PROMOTING IMPROVED MONITORING, MORE TIMELY INCORPORATION OF SCIENTIFIC AND ECOSYSTEM INFORMATION IN MANAGEMENT, PERMIT BANKS, AND OTHER STEWARDSHIP-DRIVEN POLICY PRIORITIES; AND PROVIDING ORGANIZATIONAL CAPACITY TO THE MAINE	150,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 112 TOPSHAM, ME 04086	PC	COAST FISHERMEN'S ASSOCIATION.	
MANTA CONSULTING, INC. 316 MID VALLEY CTR., SUITE 190 CARMEL, CA 93923	N/A NC	TO SUPPORT THE 2017 FISH 2.0 BUSINESS COMPETITION TO HELP ADVANCE SUSTAINABLE FISHERIES, WITH A PARTICULAR FOCUS ON NEW ENGLAND WILD CAPTURE FISHERY BUSINESSES.	200,000.
MANYLABS, INC. 771 CAPP STREET SAN FRANCISCO, CA 94110	N/A PC	TO EXPLORE AND ENABLE NEW TYPES OF COLLABORATIONS AMONG TECHNOLOGY MAKERS AND PROFESSIONAL SCIENTISTS THAT SPUR INNOVATION IN SCIENTIFIC INSTRUMENTATION DEVELOPMENT AND DATA ANALYSIS.	200,000.
MARCH OF DIMES FOUNDATION 1275 MAMARONECK AVENUE WHITE PLAINS, NY 10605	N/A PC	TO SUPPORT THE ESTABLISHMENT OF A MODEL OF LEARNING AND TRAINING FOR HEALTH CARE INSTITUTIONS TO USE BEST PRACTICES IN PERINATAL CARE THAT ARE PATIENT AND FAMILY-CENTERED, REDUCE HEALTH CARE-ASSOCIATED HARM AND PROMOTE PATIENT SAFETY.	1,500,000.
MARINE AFFAIRS RESEARCH AND EDUCATION 20227 NE 163RD STREET WOODINVILLE, WA 98077	N/A PC	TO SUSTAIN AND EXPAND A COMMUNITY OF PRACTICE FOR OCEAN PLANNING PROFESSIONALS.	208,106.
MARINE FISH CONSERVATION NETWORK C/O 1829 WILSON BOULEVARD, #230A ARLINGTON, VA 22201	N/A PC	TO SUPPORT THE ENGAGEMENT OF RECREATIONAL FISHERMEN IN FISHERIES SUSTAINABILITY.	550,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
MARINE FISH CONSERVATION NETWORK C/O 1829 WILSON BOULEVARD, #230A ARLINGTON, VA 22201	N/A PC	TO ADVANCE CONSERVATION AND SCIENCE-BASED FEDERAL FISHERIES MANAGEMENT THROUGH A STRATEGIC COMMUNICATIONS CAMPAIGN.	379,000.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02139	N/A PC	IN SUPPORT OF THE MOORE POSTDOCTORAL AND VISITING SCHOLARS IN THEORY OF QUANTUM MATERIALS PROGRAM.	380,000.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02139	N/A PC	IN SUPPORT OF LEADING-EDGE RESEARCH TO CONTROL THE PROPERTIES OF QUANTUM MATERIALS USING LIGHT AND TO PROBE THE TIME-DEPENDENT MATERIAL STATES USING PHOTOEMISSION SPECTROSCOPY AND ELECTRON DIFFRACTION.	250,159.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02139	N/A PC	IN SUPPORT OF LEADING-EDGE RESEARCH TO DEVELOP NOVEL FABRICATION AND CHARACTERIZATION METHODS FOR PROBING HETEROSTRUCTURES IN WHICH TOPOLOGY, GEOMETRY, AND/OR STRONG ELECTRONIC CORRELATION ARE EXPECTED TO PRODUCE EXOTIC QUANTUM PHENOMENA.	250,602.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE, NE18-901 CAMBRIDGE, MA 02139	N/A PC	IN SUPPORT OF A NEXT-GENERATION, OPEN-SOURCE MODEL OF MICROBIAL COMMUNITIES THAT ADDRESSES MOLECULAR AND ELEMENTAL COMPOSITION, BIOGEOCHEMICAL FUNCTION, AND INTERACTIONS AMONG ORGANISMS IN THE WATER COLUMN.	302,000.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	N/A	IN SUPPORT OF THE COLLABORATIVE PROJECT COMMODITIZING ADVANCED MOLECULAR IMAGING TECHNIQUES AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE	56,250.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 AVENUE CAMBRIDGE, MA 02139	PC	INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE, NE18-901 CAMBRIDGE, MA 02139	N/A PC	IN SUPPORT OF A COORDINATED PROGRAM AMONG STANFORD UNIVERSITY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND THE MAX PLANCK INSTITUTE OF QUANTUM OPTICS TO DEMONSTRATE INTERACTION-FREE MEASUREMENTS WITH ELECTRONS, WHICH IF SUCCESSFUL WILL FORM THE BASIC PRINCIPLES FOR FUTURE DEVELOPMENT OF AN ELECTRON MICROSCOPE BASED ON QUANTUM PHYSICS.	167,408.
MAX PLANCK SOCIETY CELSIUSSTRASSE 1 BREMEN BREMEN GERMANY D-28359	N/A PC	IN SUPPORT OF OBTAINING A DEEPER UNDERSTANDING OF THE FUNCTION AND METABOLISM OF THE WIDE ARRAY OF MICROBES THAT DRIVE CHEMOSYNTHETIC PRIMARY PRODUCTION IN MARINE ENVIRONMENTS THROUGH THEIR SYMBIOSES WITH MARINE INVERTEBRATES.	440,420.
MAX PLANCK SOCIETY JAHNSTRASSE 29 HEIDELBERG GERMANY D-69120	N/A PC	IN SUPPORT OF EXPLORING A THREE-WAY INTERACTION AMONG A MARINE MICROBE AND TWO COMPETING VIRUSES TO ACHIEVE NEW INSIGHTS INTO COMPLEX PATTERNS OF COOPERATION AND COMPETITION.	614,265.
MAYO CLINIC 200 FIRST STREET SW ROCHESTER, MN 55905	N/A PC	TO SUPPORT THE EVALUATION AND SPREAD OF THE ICAN DISCUSSION AID IN HEALTH CARE PRACTICE.	728,037.
MERIDIAN INSTITUTE 105 VILLAGE PLACE, PO BOX 1829 DILLON, CO 80435	N/A PC	TO SUPPORT IMPLEMENTATION OF THE NATIONAL OCEAN POLICY AND REGIONAL OCEAN PLANNING.	662,555.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 105 VILLAGE PLACE, PO BOX 1829 DILLON, CO 80435	N/A PC	TO MEASURE PROGRESS AND OUTCOMES FOR MARKET BASED APPROACHES TO CONSERVATION.	1,000,000.
MONMOUTH UNIVERSITY 400 CEDAR AVENUE WEST LONG BRANCH, NJ 07764-1898	N/A PC	TO SUPPORT THE MAPPING AND ASSESSMENT OF MARINE RESOURCES IN THE MID-ATLANTIC REGION AND TO FOSTER PUBLIC UNDERSTANDING OF OCEAN PLANNING.	944,004.
MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD MOSS LANDING, CA 95039-9644	N/A POF	IN SUPPORT OF LABORATORY AND FIELD-BASED RESEARCH TO FURTHER THE UNDERSTANDING OF PHYTOPLANKTON GENOMICS, PHYSIOLOGY AND POPULATION DYNAMICS, INTERACTIONS WITH OTHER MARINE MICROBES, AND HOW PHYTOPLANKTON UPTAKE OF CO2 WILL TRANSITION UNDER NATURAL AND HUMAN-INDUCED PERTURBATIONS.	416,488.
MORRIS K. UDALL AND STEWART L. UDALL FOUNDATION 130 SOUTH SCOTT AVENUE TUCSON, AZ 85701-1922	N/A GOV	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.	330,000.
MRAG AMERICAS, INC. 10051 5TH STREET, N. SUITE 105 ST. PETERSBURG, FL 33702	N/A NC	TO SUPPORT A PERFORMANCE EVALUATION OF NEW ENGLAND AND PACIFIC GROUND FISH CATCH SHARES.	286,563.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
NANWAKOLAS COUNCIL 1441 16TH AVENUE CAMPBELL RIVER BC CANADA V9W 2E4	N/A NC	TO SUPPORT FIRST NATIONS LEADERSHIP AND COMMUNITY OCEAN PLAN IMPLEMENTATION FOR DURABLE BEHAVIOR CHANGE AND CONSERVATION OUTCOMES.	500,000.
NATIONAL ACADEMY OF SCIENCES 500 FIFTH STREET NW WASHINGTON, DC 20001	N/A PC	TO SUPPORT THE NATIONAL ACADEMY OF MEDICINE'S EFFORT, VITAL DIRECTIONS FOR HEALTH AND HEALTH CARE, TO MOBILIZE EXPERT OPINIONS FROM TRUSTED HEALTH AND HEALTH CARE LEADERS TO ENSURE THE BEST INFORMATION IS AVAILABLE TO THE PUBLIC AND KEY DECISION-MAKERS.	250,000.
NATIONAL ACADEMY OF SCIENCES 500 FIFTH STREET NW WASHINGTON, DC 20001	N/A PC	TO SUPPORT THE NATIONAL ACADEMY OF MEDICINE TO CONVENE AN EXPERT ROUNDTABLE ON QUALITY CARE FOR PEOPLE WITH SERIOUS ILLNESS.	250,000.
NATIONAL ACADEMY OF SCIENCES 500 FIFTH STREET NW WASHINGTON, DC 20001	N/A PC	TO SUPPORT THE NATIONAL ACADEMY OF MEDICINE TO CONVENE EXPERTS AND PUBLISH SUMMARY DOCUMENTS ON THE TOPIC OF BROAD INTEROPERABILITY OF HEALTH DATA AND THE DIGITAL PLATFORMS FOR HEALTH CARE.	597,690.
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, K654 WASHINGTON, DC 20001	N/A PC	IN SUPPORT OF A SERIES OF MEETINGS ON DATA SCIENCE POST-SECONDARY EDUCATION TO DETERMINE HOW BEST TO PREPARE FUTURE PROFESSIONALS AND ACADEMICS WORKING IN THIS EMERGING FIELD.	166,963.
NATIONAL AUDUBON SOCIETY, INC. 431 WEST 7TH AVE, SUITE 101 ANCHORAGE, AK 99501	N/A PC	TO UPDATE AND EXPAND THE 2010 ARCTIC MARINE ATLAS AND CREATE A NEW ATLAS FOR THE U.S. BERING SEA, WITH BOTH ATLASES INCLUDING THE ECOLOGICAL AND HUMAN-USE SPATIAL DATA ESSENTIAL FOR GOOD DECISION-MAKING AND MANAGEMENT.	622,898.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 AUDUBON SOCIETY, INC. 220 MONTGOMERY STREET, SUITE 1000 SAN FRANCISCO, CA 94104	N/A PC	TO SUPPORT IMPROVED CONDITIONS FOR PACIFIC HERRING IN SAN FRANCISCO BAY THROUGH FISHERY MANAGEMENT AND RESOLUTION OF KEY THREATS.	280,000.
NATIONAL CENTER FOR RESEARCH IN ADVANCED INFORMATI 1001 CONNECTICUT AVE. NW STE 830 WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF A FORMAL NETWORK OF EDUCATORS THAT FACILITATES SCIENCE LEARNING THROUGH THE DEVELOPMENT OF RESOURCES AND OPPORTUNITIES FOR ENGAGING YOUTH IN SCIENCE- AND ENGINEERING-RICH MAKING.	392,825.
NATIONAL COMMITTEE FOR QUALITY ASSURANCE 1100 13TH ST NW STE 1000 WASHINGTON D.C., DC 20005	N/A PC	TO SUPPORT DEVELOPMENT OF A PROPOSAL FOR A THREE-YEAR PROJECT TO ESTABLISH STANDARDS AND A SUITE OF PROCESS AND OUTCOME MEASURES FOR EACH CORE DOMAIN OF COMMUNITY-BASED SERIOUS ILLNESS CARE.	207,434.
NATIONAL FISH AND WILDLIFE FOUNDATION 1133 FIFTEENTH STREET, NW, SUITE 1100 WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF THE ELECTRONIC MONITORING AND REPORTING GRANT PROGRAM FOR NEW ENGLAND.	500,000.
NATIONAL FISH AND WILDLIFE FOUNDATION 1133 FIFTEENTH STREET, NW, SUITE 1100 WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF THE FISHERIES INNOVATION FUND'S GRANTMAKING TO FOSTER INNOVATION AND SUPPORT EFFECTIVE PARTICIPATION OF FISHERMEN AND FISHING COMMUNITIES IN THE IMPLEMENTATION OF SUSTAINABLE FISHERIES IN THE UNITED STATES.	400,000.
NATIONAL GEOGRAPHIC SOCIETY PO BOX 98199 WASHINGTON, DC 20090-8199	N/A PC	TO PRODUCE A STATE OF THE ART BRITISH COLUMBIA SUPPLEMENT TO BE PUBLISHED IN PRINT IN THE SEPTEMBER 2016 ISSUE OF THE NATIONAL GEOGRAPHIC MAGAZINE, AND IN DIGITAL FORMAT ON THE NATIONAL GEOGRAPHIC WEBSITE.	125,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 INSTITUTES OF HEALTH, NATIONAL CANCER INS 31 CENTER DRIVE - MSC 2440, BUILDING 31, ROOM 31/3 BETHESDA, MD 20892-2440	N/A GOV	IN SUPPORT OF THE COLLABORATIVE PROJECT RETHINKING THE IDEA OF CELL TYPE AS PROPOSED AT THE 2015 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM TWENTY TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	56,250.
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION 1401 CONSTITUTION AVENUE, NWROOM 5128 WASHINGTON, DC 20230	N/A GOV	IN SUPPORT OF IMPROVING THE EFFICIENCY OF THE CURRENT DATA SYSTEM FOR PACIFIC GROUND FISH, WHICH UNDERPINS THE EFFICIENT FUNCTIONING OF THE CATCH SHARES SYSTEM, AND TO BEGIN TO ENABLE NEW BEHAVIORS THROUGH ACCESS TO FISHERIES DATA.	292,490.
NATIONAL PATIENT SAFETY FOUNDATION 280 SUMMER STREET, 9TH FLOOR BOSTON, MA 02210	N/A PC	TO SUPPORT THE ASSESSMENT OF ISSUES AND THE IDENTIFICATION OF STRATEGIES TO IMPROVE PATIENT SAFETY IN THE HOME SETTING.	330,000.
NATIONAL WILDLIFE FEDERATION 11100 WILDLIFE CENTER DRIVE RESTON, VA 20190	N/A PC	TO IMPLEMENT THE AGRICULTURE COLLABORATION FOR THE FORESTS AND AGRICULTURAL MARKETS INITIATIVE.	2,140,712.
NATIVE AMERICAN RIGHTS FUND 1506 BROADWAY BOULDER, CO 80302	N/A PC	TO SUPPORT THE EFFORTS OF THE UNITED TRIBES OF BRISTOL BAY IN CONSERVING THE FISH AND WILDLIFE HABITAT ON WHICH THEIR TRADITIONAL WAY OF LIFE DEPENDS.	400,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
NATURAL RESOURCES DEFENSE COUNCIL INC. 40 WEST 20TH STREET NEW YORK, NY 10011	N/A PC	TO SUPPORT ECOSYSTEM BASED MANAGEMENT IN OCEAN PLANNING.	375,000.
NATURE AND CULTURE INTERNATIONAL 1400 MAIDEN LANE DEL MAR, CA 92014	N/A PC	TO BUILD LOCAL CAPACITY TO MANAGE THE REGIONAL CONSERVATION AREAS OF LORETO, PERU, TO ENSURE THEIR LONG-TERM DURABILITY.	500,000.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	N/A PC	TO SUPPORT IMPLEMENTATION OF THE MARINE PLANNING PARTNERSHIP (MAPP) OCEAN PLAN.	250,370.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	N/A PC	IN SUPPORT OF COMPLETION AND EARLY IMPLEMENTATION OF THE NORTHEAST REGIONAL OCEAN PLAN, AND EARLY PLANNING STEPS IN LONG ISLAND SOUND.	280,000.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	N/A PC	IN SUPPORT OF ENSURING THE SUCCESS AND DURABILITY OF CATCH SHARES IN THE WEST COAST GROUND FISH FISHERY AND EXPORTING LESSONS AND EXPERTISE TO CATALYZE FISHERY REFORMS ELSEWHERE.	253,602.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	N/A PC	TO IMPLEMENT THE AGRICULTURE COLLABORATION FOR THE FORESTS AND AGRICULTURAL MARKETS INITIATIVE.	5,144,593.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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	N/A PC	TO ENHANCE THE EFFECTIVENESS AND DURABILITY OF GROUNDFISH SECTOR MANAGEMENT IN NEW ENGLAND THROUGH COMMUNITY SUPPORT, POLICY ENGAGEMENT, AND PERMIT BANKS; ADVANCING IMPROVED MONITORING; AND EXPLORING FINANCING TOOLS.	250,490.
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	N/A PC	TO CONSOLIDATE THE CHIRIBIQUETE-CAQUETA MOSAIC BY STRENGTHENING LOCAL GOVERNMENTS AND ORGANIZATIONS TO IMPLEMENT LAND USE AND SUSTAINABLE DEVELOPMENT PLANS.	100,000.
NEW VENTURE FUND 1201 CONNECTICUT AVENUE NW, SUITE 300 WASHINGTON, DC 20036	N/A PC	TO IMPLEMENT THE SEAFOOD COLLABORATION FOR THE OCEANS AND SEAFOOD MARKETS INITIATIVE.	12,500,000.
NEW VENTURE FUND 1201 CONNECTICUT AVENUE NW, SUITE 300 WASHINGTON, DC 20036	N/A PC	TO ENHANCE THE IMPACT AND FINANCIAL RESILIENCE OF BRITISH COLUMBIA WILD SALMON CONSERVATION ORGANIZATIONS.	692,290.
NEW VENTURE FUND 1201 CONNECTICUT AVENUE NW, SUITE 300 WASHINGTON, DC 20036	N/A PC	TO ENGAGE AND CONNECT A BROAD SPECTRUM OF ALASKAN CIVIL SOCIETY INTERESTS AROUND THE FUTURE OF WILD SALMON AND ALASKANS.	1,092,050.
NEW VENTURE FUND 1201 CONNECTICUT AVENUE NW, SUITE 300 WASHINGTON, DC 20036	N/A PC	TO CONSERVE WILD SALMON SYSTEMS IN BRISTOL BAY.	500,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
NEW VENTURE FUND 1201 CONNECTICUT AVENUE NW, SUITE 300 WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF THE SCIENCE PHILANTHROPY ALLIANCE'S 2016 ACTIVITIES TO STRENGTHEN PHILANTHROPIC SUPPORT FOR BASIC RESEARCH, WHICH WILL BE FACILITATED THROUGH NEW VENTURE FUND'S PROJECT AND FINANCIAL MANAGEMENT.	500,000.
NEW YORK UNIVERSITY 4 WASHINGTON PLACE NEW YORK, NY 10003	N/A PC	IN SUPPORT OF THE CONSTRUCTION OF A NOVEL THIN FILM DEPOSITION, SURFACE PREPARATION AND ANALYSIS SYSTEM TO ADVANCE THE UNDERSTANDING OF QUANTUM MATERIALS.	1,092,500.
NEW YORK UNIVERSITY 665 BROADWAY, SUITE 801 NEW YORK, NY 10012	N/A PC	TO SUPPORT DATA SCIENTISTS IN PURSUIT OF SCIENTIFIC RESEARCH ACROSS THE LIFE, PHYSICAL AND SOCIAL SCIENCES AS WELL AS EXPERIMENTATION TO IDENTIFY THE BEST METHODOLOGIES TO IMPROVE DATA SCIENCE PRACTICE WITHIN ACADEMIA.	1,000,000.
NEXMAP 601 VAN NESS AVENUE, OPERA PLAZA SUITE E, BOX 416 SAN FRANCISCO, CA 94102	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF LOW-COST RESOURCES IN THE FORM OF PAPER AND ELECTRONICS THAT PROVIDE A HANDS-ON, ACCESSIBLE ENTRY-POINT FOR LEARNING ENGINEERING, COMPUTATIONAL THINKING, AND DATA LITERACY.	175,000.
NORTH CAROLINA STATE UNIVERSITY 890 OVAL DRIVE, CAMPUS BOX 8206 RALEIGH, NC 27695	N/A GOV	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL IMPROVE THE UNDERSTANDING OF INTERMEDIATE-SCALE STRUCTURE IN SCIENTIFIC NETWORK DATA AND ENABLE THE DEVELOPMENT OF SCALABLE, STRUCTURE-BASED GRAPH ALGORITHMS.	300,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 CALIFORNIA GRANTMAKERS 160 SPEAR ST., SUITE 360 SAN FRANCISCO, CA 94105	N/A PC	TO SUPPORT THE IMPLEMENTATION OF NORTHERN CALIFORNIA GRANTMAKERS' STRATEGIC EFFORTS.	100,000.
NORTHWESTERN UNIVERSITY 1801 MAPLE AVE. EVANSTON, IL 60201	N/A PC	IN SUPPORT OF THE COLLABORATIVE PROJECT CONDITIONAL GENE ESSENTIALITY AS FUNCTION OF CELL METABOLIC STATE AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	56,250.
NORTHWESTERN UNIVERSITY WALTER ANNENBERG HALL2120 CAMPUS DRIVE EVANSTON, IL 60208	N/A PC	TO SUPPORT A COLLABORATIVE RESEARCH STUDY TO BETTER UNDERSTAND HOW TINKERING AND MAKING PROGRAMS CAN BE DESIGNED AND IMPLEMENTED IN WAYS THAT EXPAND AND DEEPEN SCIENCE AND ENGINEERING LEARNING OPPORTUNITIES.	218,500.
NORTHWESTERN UNIVERSITY WALTER ANNENBERG HALL2120 CAMPUS DRIVE EVANSTON, IL 60208	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF ACTIVITIES THAT PROVIDE EXEMPLARS FOR ASSESSING SCIENTIFIC REASONING IN SCIENCE-RICH CONTEXTS.	334,600.
NOUS FOUNDATION 195 CARLTON RD WABAN, MA 02468	N/A PC	TO SUPPORT DEVELOPMENT OF ADVANCED CARE PLANNING VIDEOS IN NAVAJO.	87,850.
NUMFOCUS, INC.	N/A	IN SUPPORT OF THE DATA CARPENTRY PROJECT, WHOSE MISSION IS TO CREATE STRONG COMMUNITIES OF DATA SCIENTISTS. FUNDING WILL BE USED TO EXPAND TRAINING OFFERINGS INTO NEW DOMAINS OF SCIENCE,	375,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 90596 AUSTIN, TX 78709	PC	EXPAND THE INSTRUCTOR POOL, AND TRAIN THOUSANDS OF SCIENTISTS.	
NUMFOCUS, INC. PO BOX 90596 AUSTIN, TX 78709	N/A PC	IN SUPPORT OF PROJECTS AND CORE LANGUAGE DEVELOPMENT FOR THE R SCIENTIFIC PROGRAMMING LANGUAGE.	110,000.
NUNAMTA AULUKESTAI PO BOX 735 DILLINGHAM, AK 99576	N/A PC	TO SUPPORT LOCAL AND REGIONAL EFFORTS TO PROTECT BRISTOL BAY WATERSHEDS.	200,325.
OCEAN CONSERVANCY, INC. 1300 19TH STREET NW, 8TH FLOOR WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF THE ADVANCEMENT OF REGIONAL OCEAN PLANNING.	1,000,000.
OCEAN CONSERVANCY, INC. 1300 19TH STREET NW, 8TH FLOOR WASHINGTON, DC 20036	N/A PC	TO BUILD THE FOUNDATION FOR ADVANCING THE PROTECTION OF MARINE ECOSYSTEMS IN THE CANADIAN ARCTIC.	1,052,151.
OCEAN CONSERVANCY, INC. 1300 19TH STREET NW, 8TH FLOOR WASHINGTON, DC 20036	N/A PC	TO ADVANCE COMPREHENSIVE OCEAN MANAGEMENT AT THE ARCTIC COUNCIL DURING THE TERM OF THE U.S. CHAIRMANSHIP AND THROUGH SINGLE-SECTOR PLANNING PROCESSES IN THE U.S. BERING SEA AND STRAIT THAT INCORPORATE CONSIDERATIONS OF OTHER USES AND CUMULATIVE IMPACTS TO ECOSYSTEMS.	1,896,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 OUTCOMES 421 SW 6TH AVENUE SUITE 1400 PORTLAND, OR 97204	N/A PC	TO SUPPORT SUSTAINABLE FISHERIES IN KAMCHATKA, RUSSIA.	571,388.
OPENROV 614 BANCROFT WAY, SUITE C BERKELEY, CA 94710	N/A NC	FOR THE DISTRIBUTION OF UNDERWATER REMOTELY OPERATED VEHICLES TO RESEARCHERS, EDUCATORS, AND STUDENTS WITH COMPELLING SCIENTIFIC PROJECT PROPOSALS AND FOR THE DEVELOPMENT OF COMMUNITY AROUND THE USE OF LOW-COST TOOLS FOR ENGAGEMENT IN SCIENCE.	409,908.
PACIFIC ENVIRONMENT AND RESOURCES CENTER 473 PINE STREET, 3RD FLOOR SAN FRANCISCO, CA 94104	N/A PC	TO PROTECT THE ECOSYSTEMS OF THE U.S. BERING SEA AND STRAIT AND THEIR USE BY COASTAL COMMUNITIES THROUGH THE STRONG GOVERNANCE OF VESSEL TRAFFIC THROUGH THE REGION.	124,988.
PACIFIC SALMON FOUNDATION #300 - 1682 WEST 7TH AVENUE VANCOUVER BC CANADA V6J 4S6	N/A PC	TO SUPPORT EFFECTIVE WILD SALMON MANAGEMENT IN THE SKEENA WATERSHED THROUGH INCREASED KNOWLEDGE OF DISTINCT SALMON POPULATIONS AND THEIR HABITATS.	40,000.
PACIFIC SALMON FOUNDATION #300 - 1682 WEST 7TH AVENUE VANCOUVER BC CANADA V6J 4S6	N/A PC	TO SUPPORT EFFECTIVE WILD SALMON MANAGEMENT IN THE SKEENA AND OTHER COASTAL WATERSHEDS THROUGH ENDURING ACCESS TO TIMELY DATA ON DISTINCT SALMON POPULATIONS AND THEIR HABITATS.	1,009,459.
PARQUES NACIONALES NATURALES DE COLOMBIA CRA. 10 NO. 20 - 30 BOGOTA DC COLOMBIA PBX(57 1)	N/A GOV	TO IMPROVE MANAGEMENT CONDITIONS FOR COLOMBIA'S NATIONAL PARK SYSTEM BY IMPLEMENTING A SUSTAINABLE FINANCE MECHANISM AND A MONITORING SYSTEM TO MEASURE THEIR EFFECTIVENESS.	256,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
PARTNERS HEALTHCARE SYSTEM, INC. 55 FRUIT STREET BOSTON, MA 02214	N/A PC	TO SUPPORT THE WORK OF PATIENT AND FAMILY ENGAGEMENT EARLY-CAREER INVESTIGATOR, AREEJ EL-JAWAHRI, IN HER PROJECT TO EVALUATE THE IMPACT OF A HOSPICE VIDEO DECISION SUPPORT TOOL FOR PATIENTS WITH ADVANCED CANCER AND THEIR FAMILY CAREGIVERS.	168,750.
PARTNERS HEALTHCARE SYSTEM, INC. 55 FRUIT STREET BOSTON, MA 02214	N/A PC	TO SUPPORT RESEARCH ON HOW INTERPROFESSIONAL TEAMS CARE FOR OLDER ADULTS.	1,749,312.
PARTNERS HEALTHCARE SYSTEM, INC. 399 REVOLUTION DRIVE, SUITE 740 SOMERVILLE, MA 02145	N/A PC	TO SUPPORT COACHING OF HEALTH CARE SYSTEMS TO IMPLEMENT SERIOUS ILLNESS COMMUNICATIONS SKILLS TRAINING.	742,500.
PARTNERS HEALTHCARE SYSTEM, INC. 399 REVOLUTION DRIVE, SUITE 740 SOMERVILLE, MA 02145	N/A PC	TO SUPPORT A NEW COLLABORATION FOCUSED ON IMPROVING COMMUNICATIONS BETWEEN CLINICIANS AND PATIENTS ABOUT END-OF-LIFE CARE AND OPTIONS.	2,256,000.
PARTNERS HEALTHCARE SYSTEM, INC. 399 REVOLUTION DRIVE, SUITE 740 SOMERVILLE, MA 02145	N/A PC	TO SUPPORT A CONVENING TO OUTLINE OPPORTUNITIES AND CHALLENGES FOR INPATIENT ENGAGEMENT USING TECHNOLOGY, DEMONSTRATE HOW INPATIENT PORTALS CAN BE OPTIMALLY INTEGRATED AND LEVERAGED WITHIN ELECTRONIC HEALTH RECORDS, AND DISCUSS HOW TO IMPLEMENT BEST PRACTICES.	149,500.
PARTNERS HEALTHCARE SYSTEM, INC. 399 REVOLUTION DRIVE, SUITE 740 SOMERVILLE, MA 02145	N/A PC	IN SUPPORT OF RESEARCH EFFORTS TO INCREASE THE UNDERSTANDING OF DIAGNOSTIC ERROR, AND TO THE ESTABLISHMENT OF A MULTI-ORGANIZATIONAL LEARNING NETWORK WHOSE PURPOSE IS TO ADDRESS THE CHALLENGE OF IMPROVING DIAGNOSIS.	649,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
PARTNERSHIP FOR PUBLIC SERVICE 1100 NEW YORK AVENUE NW, SUITE 200 EAST WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF THE CUSTOMER SERVICE INDEX INITIATIVE TO IMPROVE CUSTOMER SATISFACTION WITH GOVERNMENT SERVICES.	132,002.
PARTNERSHIP FOR PUBLIC SERVICE 1100 NEW YORK AVENUE NW, SUITE 200 EAST WASHINGTON, DC 20005	N/A PC	TO SUPPORT THE DEVELOPMENT OF A PLAN TO EXPAND CIVIL SERVICE FELLOWSHIP OPPORTUNITIES.	52,708.
PARTNERSHIP FOR PUBLIC SERVICE 1100 NEW YORK AVENUE NW, SUITE 200 EAST WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF A WHITE HOUSE OFFICE OF SCIENCE AND TECHNOLOGY POLICY FELLOW WHO WILL FOCUS ON BUILDING RELATIONSHIPS AMONG THE SCIENCE, INFORMAL SCIENCE EDUCATION, AND MAKER COMMUNITIES TO HELP ADVANCE THE OFFICE'S NATIONAL GOALS FOR SCIENCE AND SCIENCE LEARNING.	81,477.
PENINSULA OPEN SPACE TRUST 222 HIGH STREET PALO ALTO, CA 94301	N/A PC	TO PROTECT CRITICAL WILDLIFE AND RECREATIONAL CORRIDORS AND ENSURE LONG-TERM, SUSTAINABLE STEWARDSHIP OF FARMLAND IN COASTAL SAN MATEO COUNTY.	500,000.
PEPPERWOOD FOUNDATION 3450 FRANZ VALLEY ROAD SANTA ROSA, CA 95404	N/A PC	TO IMPROVE THE CLIMATE RESILIENCE OF BAY AREA OPEN SPACE BY ADVANCING SCIENCE-BASED ACQUISITION AND ADAPTIVE STEWARDSHIP PRACTICES.	72,960.
POMONA COLLEGE 185 E. SIXTH STREET CLAREMONT, CA 91711	N/A PC	IN SUPPORT OF ESTABLISHING AN ISOTOPE INSTRUMENT LABORATORY TO ENHANCE GEOSCIENCE RESEARCH AND TEACHING AT THE CLAREMONT COLLEGES.	922,816.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 HOLYOKE CENTER, 1350 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF DEVELOPING GENETIC TOOLS FOR MARINE DIATOMS.	307,772.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE HOLYOKE CENTER, 1350 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF ACHIEVING A DEEPER UNDERSTANDING OF THE LINKS BETWEEN ECOSYSTEM STRUCTURE, FUNCTION, AND LONG-TERM STABILITY BY USING ISOTOPE-ENABLED METHODS TO ILLUMINATE THE AVAILABILITY OF ENERGY AND NUTRIENTS TO MARINE MICROBES.	364,125.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 17 OXFORD STREET CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF NOVEL QUANTUM SENSORS THAT USE DEFECTS IN DIAMONDS TO PROBE THE PHYSICAL PROPERTIES OF COMPLEX SYSTEMS.	800,000.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE CENTER FOR LIFE SCIENCE BOSTON BLDG., 5TH FLOOR BOSTON, MA 02115	N/A PC	IN SUPPORT OF USING SYNTHETIC BIOLOGY AND ENVIRONMENTAL DATA TO EXPLORE AN UNDERSTUDIED COMPONENT OF THE GLOBAL NITROGEN CYCLE.	345,223.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 17 OXFORD STREET CAMBRIDGE, MA 02138	N/A PC	TO SUPPORT THE DEVELOPMENT OF NEW EXPERIMENTAL APPROACHES FOR EXPLORING THE EFFECTS OF SPIN FRUSTRATION IN QUANTUM MATERIALS.	590,853.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 17 OXFORD STREET CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF THE MOORE POSTDOCTORAL SCHOLARS IN THEORY OF QUANTUM MATERIALS PROGRAM AT HARVARD UNIVERSITY.	250,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 17 OXFORD STREET CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF LEADING-EDGE RESEARCH TO BUILD NOVEL MULTI-COMPONENT QUANTUM MATERIALS (HETEROSTRUCTURES) AND TO SEARCH FOR EXOTIC QUANTUM PHENOMENA, PRIMARILY AT THE INTERFACE BETWEEN DISSIMILAR MATERIALS OF SUCH STRUCTURES.	400,000.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 29 OXFORD STREET CAMBRIDGE, CA 02138	N/A PC	IN SUPPORT OF THE COLLABORATIVE PROJECT BUILDING A HETEROPLASMY: POPULATION DYNAMICS OF MITOCHONDRIA IN MAMMALIAN CELLS AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	56,250.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 17 OXFORD STREET CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF SYNTHESIS, IMAGING, AND MANIPULATION OF NOVEL TYPES OF ARTIFICIAL QUANTUM MATERIALS, AIMED AT CREATING NOVEL SUPERCONDUCTING PHASES AND FUNCTIONALITIES.	613,230.
TRUSTEES OF PRINCETON UNIVERSITY 4 IVY LANE PRINCETON, NJ 08544	N/A PC	TO DEVELOP AN ALL-SKY MONITORING SYSTEM TO DETECT NEAR-EARTH ASTEROIDS, STELLAR VARIATIONS, AND COSMIC EXPLOSIONS.	500,000.
PROJECT HOPE - THE PEOPLE-TO-PEOPLE HEALTH FOUNDAT 7500 OLD GEORGETOWN ROAD, SUITE 600 BETHESDA, MD 20814-6133	N/A PC	TO SUPPORT PUBLICATION AND DISSEMINATION OF A THEMATIC ISSUE FEATURING PEER-REVIEWED PAPERS ON THE TOPIC OF SERIOUS ILLNESS AND END-OF-LIFE CARE.	845,945.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 LABORATORY FOR OPEN TECHNOLOGY AND SCIENCE PO BOX 426113 CAMBRIDGE, MA 02142	N/A PC	TO SUPPORT STUDY OF EFFECTIVE USE OF LOW-COST TOOLS AND TECHNOLOGIES FOR EVERYDAY EXPLORATION OF THE NATURAL WORLD AND IMPACT ON LEARNING AND ENGAGEMENT.	374,745.
QUALITY INSIGHTS, INC. 3001 CHESTERFIELD AVENUE CHARLESTON, WV 25304	N/A PC	TO SUPPORT THE DEVELOPMENT OF AN EVIDENCE-BASED SET OF BEST PRACTICES FOR DELIVERING PERSON-CENTERED PALLIATIVE CARE TO PATIENTS WITH CHRONIC KIDNEY DISEASE AND A PLAN TO PILOT THE PROGRAM.	743,600.
RAINFOREST FOUNDATION, INC. 180 VARICK STREET, SUITE 528 NEW YORK, NY 10014	N/A PC	TO INCREASE THE CONSOLIDATION STATUS OF PROTECTED AREAS AND INDIGENOUS LANDS IN THE UPPER PURUS MOSAIC, PERU.	200,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 4415 CHEM ANNEX, ONE SHIELDS AVENUE DAVIS, CA 95616-5270	N/A GOV	IN SUPPORT OF WORKSHOPS AND A SCIENTIST EXCHANGE PROGRAM TO ADVANCE OUR UNDERSTANDING OF QUANTUM MATERIALS.	207,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1156 HIGH STREET SANTA CRUZ, CA 95064	N/A GOV	IN SUPPORT OF THE COLLABORATIVE PROJECT COMMODITIZING ADVANCED MOLECULAR IMAGING TECHNIQUES AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	56,250.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 111 KOSHLAND HALL BERKELEY, CA 94720-3102	N/A GOV	TO SUPPORT DATA SCIENTISTS IN PURSUIT OF SCIENTIFIC RESEARCH ACROSS THE LIFE, PHYSICAL AND SOCIAL SCIENCES AS WELL AS EXPERIMENTATION TO IDENTIFY THE BEST METHODOLOGIES TO IMPROVE DATA SCIENCE PRACTICE WITHIN ACADEMIA.	1,000,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 451 EAST HEALTH SCIENCES DRIVE, GBSF 4303 DAVIS, CA 95616	N/A GOV	TO UNCOVER THE COEVOLUTIONARY INTERACTIONS AND ECOLOGICAL FUNCTION OF MICROBIAL SYMBIONTS AND THEIR SEAGRASS HOSTS AND GENERATE A NEW UNDERSTANDING OF THE EVOLUTIONARY HISTORY OF THE HOST-MICROBIOME AND THE INTEGRATED ROLE THAT MICROBE AND SEAGRASS COMMUNITIES PLAY IN MEDIATING KEY ECOSYSTEM PROCESSES.	375,309.
REGENTS OF THE UNIVERSITY OF CALIFORNIA OFFICE OF RESEARCH, 3227 CHEADLE HALL SANTA BARBARA, CA 93106-2050	N/A GOV	IN SUPPORT OF THE COLLABORATIVE PROJECTS COMMODITIZING ADVANCED MOLECULAR IMAGING TECHNIQUES & DECONSTRUCTING THE CELL'S MECHANICAL CIRCUITS AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	112,500.
REGENTS OF THE UNIVERSITY OF CALIFORNIA	N/A	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL PRODUCE NEW TECHNIQUES FOR RESOLVING THE DOMINANT PROCESSES CONTROLLING THE EVOLUTION OF LANDSCAPES AND PREDICTING IMMINENT TRANSITIONS IN THEIR FORM	300,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
507 MCCONE HALL BERKELEY, CA 94720	GOV	AND FUNCTION.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA BROIDA HALL, UNIVERSITY OF CALIFORNIA SANTA BARBARA, CA 93106	N/A GOV	IN SUPPORT OF WORK ON COSMIC CATAclysms TO UNDERSTAND THEIR PHYSICAL ORIGIN AND TO ELUCIDATE LONGSTANDING ASTRONOMICAL PROBLEMS REGARDING THESE EXPLOSIVE EVENTS.	800,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MAIL CODE 0210 LA JOLLA, CA 92093-0210	N/A GOV	IN SUPPORT OF COMBINING ADVANCED MICROSCOPY, MOLECULAR GENETIC TOOLS, AND BIOCHEMISTRY TECHNIQUES IN NEW WAYS TO INVESTIGATE THE CONSUMPTION BY MARINE BACTERIA OF CELLULAR DEBRIS RELEASED FROM DYING PHYTOPLANKTON TO CREATE A NEW WINDOW OF UNDERSTANDING INTO THE MARINE CARBON CYCLE.	336,441.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 425 WESTWOOD PLAZA LOS ANGELES, CA 90095-1594	N/A GOV	IN SUPPORT OF RESEARCH AND DEVELOPMENT OF AN INNOVATIVE SCANNING TERAHERTZ NANOSCOPY (STN) SYSTEM TO BE USED AS A POWERFUL TOOL FOR LABEL-FREE BIOLOGICAL STUDIES THAT WILL ENHANCE CONDUCT OF RESEARCH IN BIOPHYSICS.	225,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA EARTH AND MARINE SCIENCE SANTA CRUZ, CA 95064	N/A GOV	IN SUPPORT OF LABORATORY STUDIES AND FIELD EXPERIMENTS TO ENABLE DEVELOPMENT OF A SYSTEM FOR STORMWATER COLLECTION AND GROUNDWATER REPLENISHMENT IN DROUGHT-AFFECTED REGIONS OF CALIFORNIA.	300,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 366 LECONTE HALL, MC 7300 BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF LEADING-EDGE RESEARCH TO DEVELOP NEW EXPERIMENTAL APPROACHES TO STUDYING QUANTUM MATERIALS WITH TERAHERTZ SPECTROSCOPY.	403,598.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 1102 NATURAL SCIENCES 2 IRVINE, CA 92697-2025	N/A GOV	IN SUPPORT OF RESEARCH AND DEVELOPMENT OF INTEGRATED SOLAR PHOTO-DIALYSIS THAT DIRECTLY HARNESSSES SOLAR ENERGY TO DRIVE DESALINATION OF SALT WATER WITH A DRAMATIC REDUCTION IN THE MINIMUM ENERGY REQUIREMENT.	225,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 366 LECONTE HALL, MC 7300 BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF THE MATERIALS SYNTHESIS AND CHARACTERIZATION LABORATORY OF DR. JAMES ANALYTIS, WHICH WILL TARGET THE DISCOVERY, DEVELOPMENT AND ADVANCED CHARACTERIZATION OF QUANTUM MATERIALS.	600,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 521 PARNASSUS AVENUE, ROOM C-450 SAN FRANCISCO, CA 94143-0648	N/A GOV	TO SUPPORT THE IMPLEMENTATION, DATA COLLECTION AND ANALYSIS OF THE PROJECT EMERGE AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO.	490,281.
REGENTS OF THE UNIVERSITY OF CALIFORNIA KOHNS HALL, UNIVERSITY OF CALIFORNIA SANTA BARBARA, CA 93106	N/A GOV	TO BUILD AN INTERDISCIPLINARY COMMUNITY OF RESEARCHERS AND STUDENTS AT THE INTERFACE OF PHYSICS AND BIOLOGY, WHICH BREAKS DOWN BARRIERS BETWEEN DISCIPLINES AND SEEKS TO EXPAND THE INTELLECTUAL REACH OF PHYSICS INTO FUNDAMENTAL PROBLEMS OF "LIVING MATTER."	556,250.
REGENTS OF THE UNIVERSITY OF CALIFORNIA B-20 HEARST FIELD ANNEX # 3411 BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL FOSTER THE DEVELOPMENT AND ESTABLISHMENT OF METHODOLOGIES AND COMPUTATIONAL PRACTICES FOR DATA-DRIVEN DISCOVERY AND INFERENCE IN TIME-DOMAIN ASTROPHYSICS AND OTHER RELATED FIELDS.	300,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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	N/A GOV	IN SUPPORT OF MARKET RESEARCH AND COMMUNICATIONS STRATEGY DEVELOPMENT.	347,368.
REGENTS OF THE UNIVERSITY OF CALIFORNIA SCHOOL OF VETERINARY MEDICINE, ONE SHIELDS AVENUE DAVIS, CA 95616	N/A GOV	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH; FUNDS FROM THIS AWARD WILL BE USED TO BETTER UNDERSTAND GENE FUNCTION IN NON-MODEL ORGANISMS THROUGH THE DEVELOPMENT OF NEW WORKFLOWS AND BETTER DATA SHARING TECHNOLOGY FOR LARGE-SCALE DATA ANALYSIS.	300,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 111 KOSHLAND HALL BERKELEY, CA 94720-3102	N/A GOV	IN SUPPORT OF A COLLABORATION AMONG THE UNIVERSITY OF CALIFORNIA, BERKELEY, IMPERIAL COLLEGE LONDON, PURDUE UNIVERSITY AND THE UNIVERSITY OF CALIFORNIA, SAN DIEGO TO DEVELOP A PROTOTYPE MICROSCOPE THAT WILL USE SPECIAL MATERIALS, WHICH CAN MANIPULATE LIGHT IN WAYS THAT ALLOW IMAGING OF LIVING CELLS AT RESOLUTIONS NOT POSSIBLE TODAY WITH CONVENTIONAL LIGHT MICROSCOPES.	500,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 366 LECONTE HALL, MC 7300 BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF ASTRONOMICAL OBSERVATIONS THAT TEST THEORIES DESCRIBING THE RAPID EXPANSION (INFLATION) OF THE EARLY UNIVERSE.	700,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 366 LECONTE HALL, MC 7300 BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF WORKSHOPS, FACULTY CONVENINGS, AND SCIENTIST EXCHANGES ON THE UC BERKELEY CAMPUS THAT STRENGTHEN THE QUANTUM MATERIALS COMMUNITY.	161,509.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 307 MCCONE HALL BERKELEY, CA 94720-4767	N/A GOV	IN SUPPORT OF PLANNING AND IMPLEMENTATION OF A CALIFORNIA EARTHQUAKE EARLY WARNING SYSTEM THROUGH FUNDING A POLICY FELLOW TO ASSIST IN DEVELOPMENT OF AN IMPLEMENTATION PLAN.	188,279.
REGENTS OF THE UNIVERSITY OF CALIFORNIA KOHN HALL, UNIVERSITY OF CALIFORNIA SANTA BARBARA, CA 93106	N/A GOV	IN SUPPORT OF GRADUATE STUDENTS TO VISIT THE KAVLI INSTITUTE FOR THEORETICAL PHYSICS (KITP) FOR EXTENDED PERIODS ENABLING THEM TO PARTICIPATE IN KITP'S HALLMARK SCIENTIFIC PROGRAMS.	214,261.
REGENTS OF THE UNIVERSITY OF CALIFORNIA SPONSORED PROJECTS OFFICE, 2150 SHATTUCK AVENUE BERKELEY, CA 94704	N/A GOV	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL DEVELOP NEW METHODS FOR OPTICAL AND X-RAY MICROSCOPY, USING SIMPLE OPTICAL SETUPS AND EFFICIENT, SCALABLE ALGORITHMS TO ACHIEVE IMAGING VOLUMES AND RESOLUTIONS NOT POSSIBLE BY TRADITIONAL SYSTEMS.	300,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MAIL CODE 0210 LA JOLLA, CA 92093-0210	N/A GOV	IN SUPPORT OF GENERATING NEW KNOWLEDGE OF HOW THE GENES, BIOCHEMICAL PATHWAYS, AND OTHER GENOME-SCALE CHARACTERISTICS OF REPRESENTATIVES OF THE MAJOR MICROEUKARYOTIC PHYTOPLANKTON LINEAGES CONTRIBUTE TO VARIATIONS IN CELLULAR INTERACTIONS AND NUTRIENT BIOGEOCHEMISTRY.	287,695.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2150 BATCHELOR HALL RIVERSIDE, CA 92521	N/A GOV	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF XUEMEI CHEN.	166,667.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 SAN FRANCISCO, CA 94143	N/A GOV	TO SUPPORT DISSEMINATION OF TRAINING FOR BEDSIDE NURSES TO LEAD PALLIATIVE CARE COMMUNICATION FOR THEIR PATIENTS IN INTENSIVE CARE UNITS.	212,500.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 735 STATE STREET, SUITE 300 SANTA BARBARA, CA 93101	N/A GOV	IN SUPPORT OF ENABLING BETTER SYNTHESIS STUDIES BY DETERMINING THE BENEFITS AND UTILITY OF CREATING A "DATA TASK FORCE" TO WORK ALONGSIDE SYNTHESIS TEAMS. THIS DATA TASK FORCE WOULD HANDLE DATA ACQUISITION AND AGGREGATION, INCLUDING IDENTIFYING CHALLENGES ASSOCIATED WITH DATA SHARING AND HOW BEST TO OVERCOME THEM.	1,061,600.
REGENTS OF THE UNIVERSITY OF CALIFORNIA ONE SHIELDS AVENUE DAVIS, CA 95616	N/A GOV	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF JORGE DUBCOVSKY.	166,667.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 121 CALVIN LAB #2190 BERKELEY, CA 94720-2190	N/A GOV	IN SUPPORT OF A SEMESTER-LONG PROGRAM ON DATA ANALYSIS FOR "REAL-TIME DECISION MAKING" TO EXPLORE THE THEORETICAL FOUNDATIONS OF EMERGING TECHNIQUES.	25,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 307 MCCONE HALL BERKELEY, CA 94720-4767	N/A GOV	IN SUPPORT OF ENHANCING EARTHQUAKE EARLY WARNING USING NEXT-GENERATION SMARTPHONE SEISMIC NETWORKS TO DETECT AND STUDY EARTHQUAKE PROCESSES.	500,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 366 LECONTE HALL, MC 7300 BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF THE MOORE POSTDOCTORAL SCHOLARS IN THEORY OF QUANTUM MATERIALS PROGRAM AT UNIVERSITY OF CALIFORNIA, BERKELEY.	250,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 KOHN HALL, UNIVERSITY OF CALIFORNIA SANTA BARBARA, CA 93106	N/A GOV	IN SUPPORT OF THE MOORE POSTDOCTORAL SCHOLARS IN THEORY OF QUANTUM MATERIALS PROGRAM AT UNIVERSITY OF CALIFORNIA, SANTA BARBARA.	400,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 735 STATE STREET, SUITE 300 SANTA BARBARA, CA 93101	N/A GOV	TO PROVIDE A SYNTHESIS OF THE STATE OF KNOWLEDGE ABOUT THE INTERCONNECTED RELATIONSHIP OF PEOPLE AND WILD SALMON IN ALASKA.	1,000,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1111 FRANKLIN STREET, 9TH FLOOR OAKLAND, CA 94607-5200	N/A GOV	TO PROVIDE SUPPORT FOR THE THIRTY METER TELESCOPE IN THE FIRST FULL YEAR OF THE TMT INTERNATIONAL OBSERVATORY.	10,000,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE LA JOLLA, CA 92093	N/A GOV	IN SUPPORT OF SCIENCE COMMUNICATION TRAINING FOR JUNIOR FACULTY TO FACILITATE PUBLIC ENGAGEMENT ON A WIDE RANGE OF SCIENTIFIC TOPICS.	125,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 735 STATE STREET, SUITE 300 SANTA BARBARA, CA 93101	N/A GOV	TO APPLY THE OCEAN HEALTH INDEX IN OCEAN PLANNING PILOT REGIONS TO ASSESS AND MONITOR RECENT AND CURRENT HEALTH OF THE OCEAN AND TO TEST THE UTILITY OF THE INDEX FOR ASSESSING CHANGES IN OCEAN HEALTH WHEN OCEAN PLANS ARE IMPLEMENTED.	1,019,580.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 111 KOSHLAND HALL BERKELEY, CA 94720-3102	N/A GOV	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF KRISHNA NIYOGI.	166,667.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 C/O DEPT. OF MEDICINE, M994505 PARNASSUS AVE SAN FRANCISCO, CA 94143	N/A GOV	TO SUPPORT ENHANCEMENT AND PROMOTE DISSEMINATION OF THE UCSF PREPARE WEBSITE WITH ADVANCE DIRECTIVES FROM ALL STATES.	650,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, #0608 LA JOLLA, CA 92093-0608	N/A GOV	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF MARK ESTELLE.	166,667.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE LA JOLLA, CA 92093	N/A GOV	IN SUPPORT OF EXPERIMENTS TO MANIPULATE THE NERVOUS SYSTEM OF THE JELLYFISH AURELIA AURITA TO BETTER UNDERSTAND THE GENETIC CONTROLS OF SWIMMING AND FEEDING BEHAVIOR, PROVIDING KEY INSIGHTS AS TO HOW JELLYFISH BEHAVIORS RELATE TO BLOOM FORMATION IN THE OCEANS.	194,605.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 600 16TH STREET, MC 2140 SAN FRANCISCO, CA 94158-2140	N/A GOV	IN SUPPORT OF ACCELERATING THE WIDESPREAD ACCEPTANCE AND USE OF PREPRINTS IN BIOLOGY BY STRATEGICALLY ENGAGING STAKEHOLDERS INCLUDING RESEARCHERS, UNIVERSITIES, FUNDERS, AND JOURNALS.	100,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 366 LECONTE HALL, MC 7300 BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF LEADING-EDGE RESEARCH TO CREATE AND CONTROL NOVEL, EMERGENT STATES OF MATTER IN COMPLEX OXIDE SUPERLATTICES.	333,333.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE LA JOLLA, CA 92093-0354	N/A GOV	IN SUPPORT OF LEADING-EDGE RESEARCH THAT USES LIGHT TO MODIFY AND ULTIMATELY CONTROL THE PROPERTIES OF STRONGLY CORRELATED ELECTRON MATERIALS.	360,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 307 MCCONE HALL BERKELEY, CA 94720-4767	N/A GOV	THE UNIVERSITY OF CALIFORNIA, BERKELEY, IN COLLABORATION WITH THE CALIFORNIA INSTITUTE OF TECHNOLOGY AND THE UNIVERSITY OF WASHINGTON, WILL ANALYZE THE CONCURRENT SEISMIC AND GPS SIGNALS OF RECENT LARGE (M>7) EARTHQUAKES, DEVELOP FINITE-FAULT ALGORITHMS FOR RUPTURE DYNAMICS, AND CREATE THE FIRST SYSTEM TO PRODUCE REAL-TIME GPS DISPLACEMENT MEASUREMENTS AT NORTHERN CALIFORNIA MONITORING SITES. THE RESULTING KNOWLEDGE GAINED WILL CONTRIBUTE TO THE DEVELOPMENT OF A WEST COAST PROTOTYPE EARTHQUAKE EARLY WARNING SYSTEM CAPABLE OF PROVIDING ROBUST ADVANCE WARNING-RANGING FROM TENS OF SECONDS TO MINUTES-OF THE SIZE, EXTENT AND TIMING OF IMMINENT EARTHQUAKES.	204,500.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE, MAIL CODE 0210 LA JOLLA, CA 92093-0210	N/A GOV	IN SUPPORT OF DEVELOPING GENETIC TOOLS FOR MARINE DIATOMS.	316,545.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 111 KOSHLAND HALL BERKELEY, CA 94720-3102	N/A GOV	IN SUPPORT OF DEVELOPING GENETIC TOOLS FOR MARINE MICROEUKARYOTES.	156,069.
REGENTS OF THE UNIVERSITY OF COLORADO 390 UCB UNIVERSITY OF COLORADO BOULDER, CO 80309-0390	N/A GOV	IN SUPPORT OF THE DEVELOPMENT OF TECHNOLOGY-ENABLED ASSESSMENT PROTOTYPES THAT HAVE THE POTENTIAL TO CHANGE HOW CHILDREN'S SCIENCE LEARNING IS MEASURED AND UNDERSTOOD.	600,000.
REGENTS OF THE UNIVERSITY OF COLORADO	N/A	IN SUPPORT OF THE DEVELOPMENT OF AN EXPERIMENTAL METHOD FOR COOLING MOLECULES TO ULTRALOW TEMPERATURES, WHICH WILL CREATE NEW FRONTIERS FOR HIGH-RESOLUTION MOLECULAR SPECTROSCOPY, ULTRACOLD	300,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
390 UCB UNIVERSITY OF COLORADO BOULDER, CO 80309-0390	GOV	CHEMISTRY, AND MANY-BODY QUANTUM PHYSICS.	
REGENTS OF THE UNIVERSITY OF COLORADO 390 UCB UNIVERSITY OF COLORADO BOULDER, CO 80309-0390	N/A GOV	IN SUPPORT OF LEADING-EDGE RESEARCH TO DEVELOP NOVEL SOFT X-RAY SOURCES AND METHODS TO STUDY QUANTUM MATERIALS WITH HIGH SPATIAL AND TEMPORAL RESOLUTION AND WITH CHEMICAL SPECIFICITY.	360,000.
REGENTS OF THE UNIVERSITY OF MINNESOTA 420 DELAWARE STREET SE MINNEAPOLIS, MN 55455	N/A GOV	TO SUPPORT THE EVALUATION OF THE ACCELERATING INTERPROFESSIONAL COMMUNITY-BASED EDUCATION AND PRACTICE GRANT PROGRAM.	428,873.
REGENTS OF THE UNIVERSITY OF MINNESOTA OFFICE OF SPONSORED PROJECTS ADMINISTRATION, 450 MINNEAPOLIS, MN 55455-2070	N/A GOV	IN SUPPORT OF RESEARCH TO DEVELOP SPATIAL RISK METRICS AND ANALYTICAL TOOLS FOR ASSESSING AND MAKING DECISIONS ABOUT ENVIRONMENTAL RISK IN KEY AGRICULTURAL COMMODITY VALUE CHAINS AT A GLOBAL SCALE.	300,000.
RESOLVE, INC. 1255 23RD ST., NW SUITE 275 WASHINGTON DC, DC 20037	N/A PC	TO FACILITATE ADVANCES IN THE SOCIAL AND ENVIRONMENTAL RESPONSIBILITY OF MINING IN NORTH PACIFIC WILD SALMON ECOSYSTEMS.	2,411,450.
RESOLVE, INC. 1255 23RD ST., NW SUITE 275 WASHINGTON DC, DC 20037	N/A PC	TO EXPLORE OPTIONS FOR RESPONSIBLE MINING DEVELOPMENT IN ALASKA.	27,990.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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	N/A SO I	TO SUPPORT THE CONTINUED IMPLEMENTATION OF THE MARINE LIFE PROTECTION ACT IN CALIFORNIA, INCLUDING THE MARINE PROTECTED AREAS (MPA) MONITORING ENTERPRISE.	500,000.
RESOURCES LEGACY FUND 555 CAPITOL MALL, SUITE 1095 SACRAMENTO, CA 95814	N/A PC	TO SUPPORT LANDSCAPE-SCALE CONSERVATION IN PRIORITY BAY AREA REGIONS WITH LONG-TERM STEWARDSHIP OF THOSE CONSERVED LANDS THROUGH STRATEGIC PRE-ACQUISITION, PLANNING, FINANCING, POLICY, AND COLLABORATIVE SUPPORT.	375,000.
RESOURCES LEGACY FUND 555 CAPITOL MALL, SUITE 1095 SACRAMENTO, CA 95814	N/A PC	TO SUPPORT THE IMPLEMENTATION OF PARKS FORWARD RECOMMENDATIONS-SPECIFICALLY, SUPPORTING THE CALIFORNIA DEPARTMENT OF PARKS AND RECREATION'S TRANSFORMATION EFFORTS, ADVANCING "EARLY WIN" TRANSFORMATION PROJECTS, UNDERTAKING STRATEGIC PLANNING FOR A NONPROFIT SUPPORT ENTITY AND COORDINATING THE ACTIVITIES AND ENGAGEMENT OF THE PARKS FORWARD COMMISSION AND PARTICIPATING PHILANTHROPY.	1,000,000.
ROCHESTER INSTITUTE OF TECHNOLOGY 77 LOMB MEMORIAL DRIVE ROCHESTER, NY 14623	N/A PC	IN SUPPORT OF THE DESIGN, FABRICATION AND TESTING OF A NOVEL LABEL-FREE IMAGING TECHNOLOGY FOR INVESTIGATING MOLECULAR INTERACTIONS AND PROTEIN DYNAMICS.	476,505.
ROCHESTER INSTITUTE OF TECHNOLOGY	N/A	IN SUPPORT OF THE COLLABORATIVE PROJECTS HETEROPLASMY: POPULATION DYNAMICS OF MITOCHONDRIA IN MAMMALIAN CELLS & COMMUNITIZING ADVANCED MOLECULAR IMAGING TECHNIQUES AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS	112,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 CARLSON BUILDING, 54 LOMB MEMORIAL DRIVE ROCHESTER, NY 14623	PC	THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	
ROCKEFELLER PHILANTHROPY ADVISORS, INC. 6 WEST 48TH STREET, 10TH FLOOR NEW YORK, NY 10036	N/A PC	IN SUPPORT OF THE FUND FOR SHARED INSIGHT, A COLLABORATIVE EFFORT TO IMPROVE PHILANTHROPY.	250,000.
RUTGERS THE STATE UNIVERSITY OF NEW JERSEY 136 FRELINGHUYSEN RD PISCATAWAY, NJ 08854	N/A GOV	IN SUPPORT OF NOVEL APPROACHES TO THE SYNTHESIS OF ARTIFICIAL QUANTUM MATERIALS AND INVESTIGATIONS OF NOVEL PHENOMENA AWAY FROM EQUILIBRIUM IN THESE MATERIALS.	634,779.
RUTGERS THE STATE UNIVERSITY OF NEW JERSEY ASB III - 3 RUTGERS PLAZA NEW BRUNSWICK, NJ 08901	N/A GOV	IN SUPPORT OF ELUCIDATING THE FUNDAMENTAL PRINCIPLES THAT GOVERN SMALL-SCALE INTERACTIONS BETWEEN VIRUSES AND THEIR MICROBIAL HOSTS, MICROBES AND INFORMATION-CONTAINING MOLECULES, AND MICROBES AND THE OCEAN ENVIRONMENT, AND THE SUBSEQUENT MANIFESTATION OF THESE INTERACTIONS ON MARINE ECOSYSTEM PROCESSES.	325,963.
RUTGERS THE STATE UNIVERSITY OF NEW JERSEY 136 FRELINGHUYSEN ROAD PISCATAWAY, NJ 08854	N/A GOV	IN SUPPORT OF RESEARCH TARGETING DISCOVERY OF NEW MATERIALS EXHIBITING EMERGENT PHENOMENA SUCH AS UNCONVENTIONAL SUPERCONDUCTIVITY AND ANOMALOUS QUANTUM HALL EFFECT.	300,000.
RUTGERS THE STATE UNIVERSITY OF NEW JERSEY 136 FRELINGHUYSEN ROAD PISCATAWAY, NJ 08854	N/A GOV	IN SUPPORT OF RESEARCH TARGETING DISCOVERY OF NEW MATERIALS EXHIBITING MESOSCOPIC TOPOLOGICAL CHARGE, SPIN, AND/OR LATTICE STRUCTURE.	300,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
SALK INSTITUTE FOR BIOLOGICAL STUDIES 10010 NORTH TORREY PINES ROAD LA JOLLA, CA 92037	N/A PC	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF JOSEPH ECKER.	166,667.
SAN DIEGO STATE UNIVERSITY FOUNDATION 5250 CAMPANILE DRIVE SAN DIEGO, CA 92182-1931	N/A SO III FI	TO SUPPORT DEVELOPING A NOVEL HIGH-RESOLUTION ANALYTICAL INSTRUMENT TO MEASURE THE HEAT THAT SMALL NUMBERS OF MARINE MICROBES GENERATE TO QUANTIFY HOW MUCH ENERGY IS RELEASED BY MICROBIAL COMMUNITIES.	357,802.
SAN DIEGO STATE UNIVERSITY FOUNDATION 5250 CAMPANILE DRIVE SAN DIEGO, CA 92182-1931	N/A SO III FI	IN SUPPORT OF THE DEVELOPMENT OF FUNCTIONAL GENOMIC ANALYSES OF UNKNOWN VIRAL GENES AND NEW TECHNOLOGIES TO MEASURE SMALL AMOUNTS OF HEAT ARISING FROM VIRUS-HOST INTERACTIONS THAT WILL PROVIDE NEW INSIGHTS INTO THE ROLES OF VIRUSES IN CORAL AND MARINE SNOW ECOSYSTEMS.	430,079.
SAN FRANCISCO ESTUARY INSTITUTE 4911 CENTRAL AVE RICHMOND, CA 94804	N/A PC	IN SUPPORT OF CHARACTERIZING MICROPLASTIC POLLUTION IN SURFACE WATER, SEDIMENT, AND PREY FISH IN SAN FRANCISCO BAY AND IN SURFACE WATER IN ADJACENT OCEAN SANCTUARIES, INCLUDING IMPROVED UNDERSTANDING OF PATHWAYS THROUGH WHICH MICROPLASTIC ENTERS THE BAY AND MOVES TO OCEAN AREAS; AND COMMUNICATION OF RESULTS AND POLICY AND INNOVATION OPTIONS.	880,250.
SAVE MOUNT DIABLO 1901 OLYMPIC BLVD. SUITE 220 WALNUT CREEK, CA 94596	N/A PC	TO SUPPORT PERMANENT PROTECTION THROUGH FEE ACQUISITION OF NORTH PEAK RANCH, AN 87-ACRE PARCEL AT RISK OF DEVELOPMENT IN A HIGHLY VISIBLE AND HABITAT-SENSITIVE WILDLIFE CORRIDOR ON THE SLOPE OF MOUNT DIABLO.	650,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
SCIENCE FRIDAY INITIATIVE, INC. 19 W 44TH STREET, SUITE 412 NEW YORK, NY 10036	N/A PC	TO INCREASE PUBLIC KNOWLEDGE AND ENGAGEMENT WITH SCIENTIFIC INFORMATION THROUGH EXPANSIONS TO THE RADIO PROGRAM SCIENCE FRIDAY, ITS SCIENCE-TECHNOLOGY-ENGINEERING-MATH (STEM) CONTENT, AND ACCOMPANYING ONLINE AND SOCIAL MEDIA RESOURCES.	493,419.
SEMPERVIRENS FUND 419 SOUTH SAN ANTONIO ROAD, STE. 211 LOS ALTOS, CA 94022-3640	N/A PC	IN SUPPORT OF COMPLETION OF A BUSINESS PLAN AND DEVELOPMENT OF A PILOT PROJECT FOR THE SANTA CRUZ MOUNTAINS CARBON BANK, WHICH WILL PROVIDE A FINANCIAL INCENTIVE TO LANDOWNERS OF REDWOOD FOREST PROPERTIES TO KEEP FOREST ECOSYSTEMS INTACT BY ACTIVELY MANAGING FOR CARBON SEQUESTRATION SERVICES AND HABITAT PROTECTION.	314,000.
SIERRA CLUB OF BRITISH COLUMBIA FOUNDATION #301-2994 DOUGLAS STREET VICTORIA BC CANADA V8T 4N4	N/A PC	TO SUPPORT PROVISION OF A RELIABLE HUB FOR CONSERVATION LEADERSHIP AND TECHNICAL ASSISTANCE IN BRITISH COLUMBIA.	300,000.
SIMON FRASER UNIVERSITY 515 WEST HASTINGS STREET VANCOUVER B.C. CANADA V6B 5K3	N/A PC	TO SUPPORT COLLABORATIVE DIALOGUE AROUND SALMON ECOSYSTEM COMPATIBLE RENEWABLE ENERGY PRODUCTION.	500,000.
SIMON FRASER UNIVERSITY 515 WEST HASTINGS STREET VANCOUVER B.C. CANADA V6B 5K3	N/A PC	IN SUPPORT OF JONATHAN MOORE'S ANALYSIS AND PARTICIPATION IN EMERGING SCIENTIFIC RESEARCH IN WILD SALMON ECOSYSTEM CONSERVATION.	375,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 4444 LAKELSE AVENUE TERRACE BC CANADA V8G 1P2	N/A PC	TO REINFORCE THE CAPACITY TO REPRESENT SOCIO-ENVIRONMENTAL BENEFITS OF INTACT WILD SALMON ECOSYSTEMS.	350,000.
SMITHSONIAN INSTITUTION OFFICE OF THE COMPTROLLER 60 GARDEN STREET CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF CRITICAL NEW ELEMENTS OF THE EVENT HORIZON TELESCOPE--A GLOBAL NETWORK OF RADIO DISHS THAT FORMS AN EARTH-SIZED VIRTUAL TELESCOPE AIMED AT TAKING THE FIRST IMAGES OF THE EVENT HORIZON OF A SUPERMASSIVE BLACK HOLE.	658,000.
SMITHSONIAN INSTITUTION OFFICE OF THE COMPTROLLER 1100 JEFFERSON DRIVE, SUITE 3123, MRC 705 WASHINGTON, DC 20013-7012	N/A PC	IN SUPPORT OF EXPLORING HOW A LAND BARRIER, THE ISTHMUS OF PANAMA, CATALYZED NOVEL DIFFERENTIATION OF SYMBIOTIC ASSOCIATIONS BETWEEN MARINE ANIMALS AND MICROBES OVER THE PAST THREE MILLION YEARS.	611,923.
SMITHSONIAN INSTITUTION OFFICE OF THE COMPTROLLER 1000 JEFFERSON DRIVE, SW 4TH FLOOR WASHINGTON, DC 20026-3293	N/A PC	IN SUPPORT OF THE DEVELOPMENT AND DISSEMINATION OF ONLINE INQUIRY-BASED EDUCATIONAL MODULES TO HELP TEACH ABOUT THE UNDERLYING SCIENCE, CHALLENGES AND MITIGATION OF MOSQUITO-BORNE DISEASES, WITH A PARTICULAR FOCUS ON THE ZIKA VIRUS.	145,000.
SOCIEDAD PERUANA DE DERECHO AMBIENTAL PROL. ARENALES NO. 437 LIMA LIMA PERU 27	N/A PC	TO REDUCE THREATS IN THE MADIDI-TAMBOPATA MOSAIC BY IMPLEMENTING A LEGAL MONITORING SYSTEM FOR THE TAMBOPATA NATIONAL RESERVE AND ENVIRONMENTAL GOVERNANCE IN THE MADRE DE DIOS REGION.	100,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
SOCIEDAD PERUANA DE DERECHO AMBIENTAL PROL. ARENALES NO. 437 LIMA LIMA PERU 27	N/A PC	TO INCREASE CONSOLIDATION CONDITIONS FOR THE UPPER PURUS MOSAIC CONTAINING HIGHLY DIVERSE PROTECTED AREAS AND INDIGENOUS LANDS, AND COVERING MORE THAN 6.3 MILLION HECTARES OF INTACT AMAZON FOREST.	200,000.
SOCIEDAD PERUANA DE DERECHO AMBIENTAL PROL. ARENALES NO. 437 LIMA LIMA PERU 27	N/A PC	TO SUPPORT THE INSTITUTIONAL CONSOLIDATION AND LONG-TERM DURABILITY OF PERU'S NATIONAL PARK SYSTEM AND LORETO'S REGIONAL PROTECTED AREAS SYSTEM.	220,000.
SOCIETY TO IMPROVE DIAGNOSIS IN MEDICINE, INC. 1501 HINMAN AVENUE EVANSTON, IL 60201	N/A PC	IN SUPPORT OF MULTI-ORGANIZATIONAL EFFORTS TO INCREASE AWARENESS OF DIAGNOSTIC ERROR, IDENTIFY, EVALUATE AND DISSEMINATE TOOLS THAT REDUCE HARM, AND TO CREATE A DIAGNOSTIC ERRORS RESEARCH ROADMAP.	340,000.
SONOMA COUNTY REGIONAL PARKS FOUNDATION 2300 COUNTY CENTER DRIVE #120A SANTA ROSA, CA 95403	N/A SO I	TO PROVIDE IMPORTANT SCIENTIFIC RESOURCES AND NATURAL RESOURCE CAPACITY TO SONOMA COUNTY REGIONAL PARKS IN ORDER TO ENHANCE BIODIVERSITY AND ECOLOGICAL FUNCTION ON OVER 11,000 ACRES OF OPEN SPACE.	80,200.
SONOMA LAND TRUST 822 FIFTH STREET SANTA ROSA, CA 95404	N/A PC	TO STRENGTHEN THE HABITAT PROTECTION AND FUNCTIONALITY OF THE REGIONALLY-SIGNIFICANT MARIN COAST TO BLUE RIDGE CRITICAL LINKAGE THROUGH LAND ACQUISITION, EASEMENTS, AND PERMEABILITY IMPROVEMENTS.	1,617,738.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
SPACE SCIENCE INSTITUTE 4750 WALNUT STREET SUITE 205 BOULDER, CO 80301	N/A PC	IN SUPPORT OF THE DEVELOPMENT AND DISTRIBUTION OF ECLIPSE EDUCATION KITS THAT INCLUDE SAFE ECLIPSE VIEWING GLASSES AND EDUCATIONAL MATERIALS AND GUIDANCE FOR PUBLIC LIBRARIES ACROSS THE COUNTRY THAT WILL SERVE AS CENTERS FOR ECLIPSE EDUCATION AND VIEWING.	490,000.
SPRINGBOARD PARTNERS 2755 ORDWAY STREET NW #108 WASHINGTON, DC 20008	N/A NC	TO SUPPORT JOINT COMMUNICATION BY FOUNDATION GRANTEES AND PARTNERS TO RECOGNIZE THE 20TH ANNIVERSARY OF THE SUSTAINABLE SEAFOOD MOVEMENT AND IDENTIFY CHALLENGES AND OPPORTUNITIES FOR MOVING FORWARD.	120,000.
STOCKHOLM ENVIRONMENT INSTITUTE LINNEGATAN 87D, 115 23 STOCKHOLM SWEDEN	N/A PC	TO CREATE TRASE, THE WORLD'S FIRST OPEN-ACCESS COMMODITY SUPPLY-CHAIN INTELLIGENCE PLATFORM FOR SUSTAINABILITY.	600,000.
STOCKHOLM RESILIENCE CENTRE STOCKHOLM UNIVERSITY, KRAFTRIKET 2B STOCKHOLM SWEDEN SE-106 91	N/A PC	TO CONVENE THE SONEVA DIALOGUE IN NOVEMBER 2016 AS WELL AS DEVELOP POST MEETING REPORT MATERIALS AND A STRATEGY DISCUSSION BETWEEN ORGANIZERS AND FUNDERS TO IDENTIFY POTENTIAL NEXT STEPS.	70,000.
SUPPORTERS OF AGRICULTURAL RESEARCH FOUNDATION 1235 S. CLARK STREET, SUITE 510 ARLINGTON, VA 22202	N/A PC	IN SUPPORT OF A PLANNING GRANT TO DEVELOP THE FIRST DECADAL PLAN FOR FOOD AND AGRICULTURAL RESEARCH.	105,405.
SURFRIDER FOUNDATION PO BOX 6010 SAN CLEMENTE, CA 92674-6010	N/A PC	TO SUPPORT IMPLEMENTATION OF THE NATIONAL OCEAN POLICY AND OCEAN PLANNING ON THE EASTERN COAST OF THE UNITED STATES.	249,748.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
SUSTAINABILITY ACCOUNTING STANDARDS BOARD 1045 SANSOME STREET, SUITE 450 SAN FRANCISCO, CA 94111	N/A PC	TO SUPPORT SASB'S TRANSITION TO AN INDEPENDENT GOVERNANCE MODEL THAT SEPARATES STANDARD SETTING FROM FUNDRAISING OPERATIONS.	295,300.
SUSTAINABLE FISHERIES PARTNERSHIP FOUNDATION 4348 WAIALAE AVENUE, #692 HONOLULU, HI 96816	N/A PC	TO SUPPORT EFFORTS TO FURTHER ENGAGE LONGLINE FISHERIES BOTH FROM THE FISHERY LEVEL, AS WELL AS VIA THEIR RETAIL PARTNERS.	550,000.
SUSTAINABLE FISHERY ADVOCATES PO BOX 233 SANTA CRUZ, CA 95061	N/A PC	TO SUPPORT EFFORTS TO CREATE SEAFOOD TRACEABILITY PRINCIPLES AT AN INTERNATIONAL AND NATIONAL LEVEL, CREATE TOOLS FOR COMPANIES WITH THE WILLINGNESS TO IMPROVE, AND ENSURE COORDINATION AMONGST STAKEHOLDERS TO EXPEDITE PROGRESS AND REDUCE REDUNDANCY.	481,153.
SUSTAINABLE FOOD ALLIANCE, INC. 1000 N. WEST STREET WILMINGTON, DE 19801	N/A PC	IN SUPPORT OF THE TRUE COST OF AMERICAN FOOD CONFERENCE TO STIMULATE RESEARCH AND AWARENESS INTO ENVIRONMENTAL EXTERNALITIES OF FOOD SYSTEMS.	250,000.
T. BUCK SUZUKI ENVIRONMENTAL FOUNDATION #100 - 326 12TH STREET NEW WESTMINSTER BC CANADA V3M 4H6	N/A PC	FOR THE COMMERCIAL FISHING SECTOR'S SUPPORT FOR OCEAN PLANNING.	374,962.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 371 SERRA MALL STANFORD, CA 94305-6030	N/A PC	IN SUPPORT OF A SCOPING PHASE AND, IF FEASIBLE, AN ECOSYSTEM SERVICES APPROACH TO INFORMING PLANNING AND CONSERVATION DECISIONS FOR A SPECIFIC AREA ON THE SAN FRANCISCO BAY AREA COASTLINE, IN COORDINATION WITH LOCAL PARTNERS.	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 485 LASUEN MALL PALO ALTO, CA 94305-3096	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF TECHNOLOGY-BASED ASSESSMENT PROTOTYPES THAT ASSESS IMPORTANT OUTCOMES FOR PERSISTENCE IN SCIENCE LEARNING.	598,600.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 300 PASTEUR DRIVE STANFORD, CA 94305	N/A PC	IN SUPPORT OF DEVELOPING GENETIC TOOLS FOR MARINE DIATOMS.	189,789.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 348 VIA PUEBLO MALL, STANFORD UNIVERSITY STANFORD, CA 94305-4090	N/A PC	TO SUPPORT THE DEVELOPMENT OF A NOVEL REVOLUTIONARY TECHNICAL APPROACH TO PARTICLE ACCELERATOR DESIGN THAT HOLDS THE PROMISE OF EXPANDING EXPLORATION OF THE PHYSICS ENERGY FRONTIER, ENABLING NEW TABLE TOP PHYSICS, OPENING UP ATTOSECOND SCIENCE AND DAMAGE-FREE TIME-RESOLVED, MOLECULAR DYNAMICS.	400,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO VARIAN PHYSICS BUILDING, 382 VIA PUEBLO MALL STANFORD, CA 94305-4060	N/A PC	IN SUPPORT OF DISCOVERY-DRIVEN RESEARCH ON STRONGLY CORRELATED ELECTRON SYSTEMS AND THE DEVELOPMENT OF NEW EXPERIMENTAL TOOLS FOR INVESTIGATIONS OF COMPLEX MATERIALS.	415,554.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 348 VIA PUEBLO MALL, STANFORD UNIVERSITY STANFORD, CA 94305-4090	N/A PC	IN SUPPORT OF RESEARCH TARGETING THE SYNTHESIS AND DISCOVERY OF NEW EMERGENT PHENOMENA ARISING AT THE INTERFACE BETWEEN QUANTUM MATERIALS.	350,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 473 VIA ORTEGA, ROOM 193 STANFORD, CA 94305	N/A PC	IN SUPPORT OF EFFORTS TO STRENGTHEN THE RELATIONSHIPS BETWEEN THE ACADEMIC, NGO, STATE AND FEDERAL GOVERNMENT, AND PRIVATE SECTOR COMMUNITIES ADDRESSING POLICY ISSUES IN MARINE AND COASTAL ECOSYSTEMS.	284,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 562 SALVATIERRA WALK STANFORD, CA 94305	N/A PC	TO SUPPORT A FELLOWSHIP PROGRAM FOR THE DIGITAL CIVIL SOCIETY LAB OF STANFORD PHILANTHROPY AND CIVIL SOCIETY.	250,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 318 CAMPUS DRIVE, CLARK CENTER, ROOM S170 STANFORD, CA 94305-5444	N/A PC	TO SUPPORT REFINEMENT OF A 'PRINT AND FOLD' MICROSCOPE, THE ABILITY TO MANUFACTURE TO SCALE, AND THE DEVELOPMENT OF CORRESPONDING EDUCATIONAL MATERIALS TO ENABLE EFFECTIVE USE BY CHILDREN AND ADULTS EXPLORING THE MICROSCOPIC WORLD.	75,700.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 3160 PORTER DRIVE, SUITE 100 PALO ALTO, CA 94304	N/A PC	TO SUPPORT FOUR POSTDOCTORAL FELLOWS AND DEVELOP A VISIBLE TO MID-INFRARED (IR) EXPERIMENTAL MICROSCOPE PLATFORM IN A NEW EFFORT TO DEVELOP NANOMETER RESOLUTION WITH A NOVEL COMBINATION OF EXISTING AND NEW TECHNOLOGIES.	535,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 348 VIA PUEBLO MALL, STANFORD UNIVERSITY STANFORD, CA 94305-4090	N/A PC	IN SUPPORT OF RESEARCH TARGETING SYNTHESIS AND INVESTIGATIONS OF NOVEL MATERIALS EXHIBITING EXOTIC TYPES OF ELECTRONIC SELF-ORGANIZATION, PARTICULARLY ELECTRONIC NEMATIC AND CHARGE DENSITY WAVE ORDERS.	310,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 3160 PORTER DRIVE, SUITE 100 PALO ALTO, CA 94304	N/A PC	TO SUPPORT THE DEVELOPMENT OF A NOVEL AUTOMATED DESIGN PROCESS FOR NANOPHOTONICS THAT WILL FUNDAMENTALLY CHANGE THE WAY OPTICAL DEVICES ARE DESIGNED AND FABRICATED WITH THE POTENTIAL FOR BROAD IMPACT IN THE SCIENTIFIC COMMUNITY.	245,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO VARIAN PHYSICS BUILDING, 382 VIA PUEBLO MALL STANFORD, CA 94305-4060	N/A PC	IN SUPPORT OF THE MOORE POSTDOCTORAL AND VISITING SCHOLARS IN THEORY OF QUANTUM MATERIALS PROGRAM AT STANFORD UNIVERSITY.	400,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO YANG & YAMAZAKI (Y2E2) BUILDING 473 VIA ORTEGA STANFORD, CA 94305-4216	N/A PC	IN SUPPORT OF INTERDISCIPLINARY RESEARCH TO ADVANCE THE UNDERSTANDING OF THE MAIN SOURCES AND SINKS IN THE GLOBAL CYCLE OF METHANE.	820,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 300 PASTEUR DRIVE STANFORD, CA 94305	N/A PC	IN SUPPORT OF USING NEW, DOGMA-CHALLENGING KNOWLEDGE GAINED FROM STUDIES OF A POWERFUL SEA ANEMONE MODEL SYSTEM, CORALS, AND THE SYMBIOTIC ALGAE THAT RESIDE WITHIN THEIR TISSUES TO STUDY ACCLIMATION AND RESISTANCE TO STRESS. FUNDING WILL BE USED TO ENHANCE RESEARCHERS' ABILITIES TO UNDERSTAND AND PREDICT STRESS BY IDENTIFYING MOLECULAR SIGNALS THAT RESULT FROM HARMFUL ENVIRONMENTAL CONDITIONS.	741,836.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 450 SERRA MALL STANFORD, CA 94305	N/A PC	TO SUPPORT THE DESIGN OF EFFECTIVE SUPPLY CHAIN AND POLICY INSTRUMENTS THAT CAN AVOID FUTURE DEFORESTATION THROUGH BEEF AND SOY INTENSIFICATION AT SCALE IN SOUTH AMERICA.	101,329.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO C/O STANFORD SCHOOL OF MEDICINE117 ENCINA COMMONS STANFORD, CA 94305-6019	N/A PC	IN SUPPORT OF AN EFFORT TO PERFORM AN ENVIRONMENTAL SCAN OF PERFORMANCE MEASUREMENT FOR IMPROVING DIAGNOSIS, AND STRATEGIC PLANNING FOR FUTURE PERFORMANCE MEASURE DEVELOPMENT AND IMPLEMENTATION.	300,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO GILBERT HALL STANFORD, CA 94305-4200	N/A PC	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF DOMINIQUE BERGMANN.	166,667.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 450 SERRA MALL, BUILDING 160, ROOM 231	N/A	IN SUPPORT OF IN-DEPTH RESEARCH OPPORTUNITIES FOR LOCAL HIGH SCHOOL SCIENCE TEACHERS AND SCIENCE-INTERESTED YOUTH.	48,600.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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, CA 94305	PC		
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 353 SERRA MALL, GATES 305 STANFORD, CA 94305	N/A PC	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL SUPPORT THE FUNDAMENTAL DEVELOPMENT OF DEEPDIVE AND ITS ASSISTANCE IN THE NATURAL SCIENCES, INCLUDING DEVELOPMENT OF THE CORE ENGINE AND ITS TOOLS, WHILE ALSO ENABLING RESEARCH COLLABORATIONS IN PALEOBIOLOGY, GEOSCIENCES, AND GENOMICS.	300,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO VARIAN PHYSICS BUILDING, 382 VIA PUEBLO MALL STANFORD, CA 94305-4060	N/A PC	TO SUPPORT THE DEVELOPMENT AND IMPLEMENTATION OF NOVEL PHOTOELECTRON SPECTROSCOPY AND MICROWAVE IMPEDANCE MICROSCOPY TOOLS FOR INVESTIGATIONS OF COMPLEX MATERIALS.	360,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 348 VIA PUEBLO MALL, STANFORD UNIVERSITY STANFORD, CA 94305-4090	N/A PC	IN SUPPORT OF LEADING-EDGE RESEARCH TO DISCOVER MATERIALS WITH NEW FUNCTIONALITY BY EXPLOITING ATOMICALLY-THIN 2D-MATERIALS COMBINED AS HETEROSTRUCTURES AND LAYERED MATERIALS.	405,000.
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOI 1205 W. CLARK STREET URBANA, IL 61801	N/A GOV	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL SUPPORT DEVELOPING INFRASTRUCTURE FOR TRANSFORMING THE PROCESS OF DISCOVERY THROUGH SEMANTICALLY-AWARE, ANALYSIS AND VISUALIZATION OF DATA FROM THE PHYSICAL SCIENCES.	300,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOI 1901 S FIRST STREET, SUITE A CHAMPAIGN, IL 61820	N/A GOV	IN SUPPORT OF THE COLLABORATIVE PROJECT BUILDING A HIGH-DIMENSIONAL CONTEXT DEPENDENCE OF A UBIQUITOUS ECOLOGICAL INTERACTION AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	56,250.
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOI 1901 S FIRST STREET, SUITE A CHAMPAIGN, IL 61820	N/A GOV	IN SUPPORT OF LEADING-EDGE RESEARCH TO DEVELOP AN ELECTRON SCATTERING INSTRUMENT TO STUDY THE LOW-ENERGY BOSONIC EXCITATIONS THOUGHT TO PLAY AN IMPORTANT ROLE IN THE EMERGENCE OF NOVEL PHENOMENA IN QUANTUM MATERIALS.	505,468.
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOI 1110 WEST GREEN STREET URBANA, IL 61801-3080	N/A GOV	IN SUPPORT OF THE MOORE POSTDOCTORAL SCHOLARS IN THEORY OF QUANTUM MATERIALS PROGRAM AT THE UNIVERSITY OF ILLINOIS.	410,000.
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOI 1901 S FIRST STREET, SUITE A CHAMPAIGN, IL 61820	N/A GOV	IN SUPPORT OF AN INTEGRATED EXPERIMENTAL FACILITY FOR SYNTHESIS AND INVESTIGATIONS OF MATERIALS USING TECHNIQUES OF MOLECULAR BEAM EPITAXY (MBE), SCANNING TUNNELING MICROSCOPY (STM), ANGLE-RESOLVED PHOTOEMISSION SPECTROSCOPY (ARPES) AND MOMENTUM-RESOLVED ELECTRON ENERGY-LOSS SPECTROSCOPY (M-EELS).	550,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOI 1240 W. HARRISON STREET CHICAGO, IL 60607-7137	N/A GOV	IN SUPPORT OF THE DEVELOPMENT OF A FRAMEWORK AND PROTOTYPES FOR NEW ASSESSMENTS THAT MEASURE SCIENTIFIC REASONING PRACTICES.	714,400.
THE EXPLORATORIUM PIER 17, SUITE 100 SAN FRANCISCO, CA 94111	N/A PC	IN SUPPORT OF ORGANIZATIONAL CAPACITY TO EXECUTE ON LEADING SCIENCE EDUCATION.	918,225.
THE EXPLORATORIUM PIER 17, SUITE 100 SAN FRANCISCO, CA 94111	N/A PC	IN SUPPORT OF A SET OF WORKSHOPS TO DEVELOP EDUCATIONAL MATERIAL AND IDENTIFY USE CASES FOR FOLDSCOPIES AS A TOOL FOR SCIENCE LEARNING, AND TO DISTRIBUTE FOLDSCOPIES TO EDUCATIONAL ORGANIZATIONS.	147,875.
THE EXPLORATORIUM PIER 17, SUITE 100 SAN FRANCISCO, CA 94111	N/A PC	IN SUPPORT OF DESIGN, DEVELOPMENT, AND PROTOTYPING OF A SERIES OF EXHIBITS THAT SEEK TO CONVEY KEY IDEAS AND ISSUES RELATED TO GENETICS AND HEREDITY.	797,500.
THE FRANKFURT ZOOLOGICAL SOCIETY BERNHARD-GRZIMEK-ALLEE 1 FRANKFURT GERMANY 60316	N/A PC	TO INCREASE CONSOLIDATION CONDITIONS FOR THE UPPER PURUS MOSAIC CONTAINING HIGHLY DIVERSE PROTECTED AREAS AND INDIGENOUS LANDS, AND COVERING MORE THAN 6.3 MILLION HECTARES OF INTACT AMAZON FOREST.	1,200,000.
THE NATIONAL CENTER FOR GENOME RESOURCES 2935 RODEO PARK DRIVE EAST SANTA FE, NM 87505	N/A PC	IN SUPPORT OF DEVELOPING NEW APPROACHES TO INVESTIGATE SINGLE PLANT CELLS TO ENABLE SCIENTISTS TO MORE DEEPLY UNDERSTAND CELL VARIABILITY AND GENE EXPRESSION IN PLANT SYSTEMS.	32,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 OHIO STATE UNIVERSITY 1960 KENNY ROAD COLUMBUS, OH 43210	N/A GOV	IN SUPPORT OF DEVELOPING NOVEL WAYS OF 'SEEING' AND UNDERSTANDING VIRUSES IN THE LABORATORY AND NATURE.	246,657.
THE OHIO STATE UNIVERSITY 140 WEST 18TH AVENUE COLUMBUS, OH 43210-1173	N/A GOV	IN SUPPORT OF A SMALL TELESCOPE NETWORK CAPABLE OF MONITORING THE ENTIRE VISIBLE SKY EVERY NIGHT.	985,011.
THE OHIO STATE UNIVERSITY 1960 KENNY ROAD COLUMBUS, OH 43210-1016	N/A GOV	IN SUPPORT OF THE COLLABORATIVE PROJECT DECONSTRUCTING THE CELL'S MECHANICAL CIRCUITS AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	56,250.
THE PENNSYLVANIA STATE UNIVERSITY 201 OLD MAIN UNIVERSITY PARK, PA 16802	N/A GOV	IN SUPPORT OF DESIGN AND DEVELOPMENT OF HIGH-EFFICIENCY QUANTUM LIGHT SOURCES ON-A-CHIP TO DRIVE PROGRESS IN QUANTUM COMPUTING AND QUANTUM INFORMATION PROCESSING.	225,000.
THE SENSE OF SILENCE FOUNDATION AIGUA 186, 08800 VILANOVA I LA GELT BARCELONA SPAIN	N/A PC	TO SUPPORT THE DEVELOPMENT OF PROVIDENCE, A DISTRIBUTED, WIRELESS SENSOR NETWORK (WSN) FOR MONITORING BIODIVERSITY UNDER THE AMAZON CANOPY.	450,000.
THE TASK FORCE FOR GLOBAL HEALTH, INC. 325 SWANTON WAY	N/A	TO SUPPORT A BOOK-LENGTH PROJECT FOCUSED ON THE LESSONS OF DR. HOWARD HIATT IN IMPROVING THE EXPERIENCE AND OUTCOMES OF PATIENT CARE AND INSPIRING A NEW GENERATION OF CLINICIAN LEADERS.	21,105.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
DECATUR, GA 30030	PC		
THE TECH MUSEUM OF INNOVATION 201 SOUTH MARKET STREET SAN JOSE, CA 95113	N/A PC	IN SUPPORT OF EXHIBIT PROTOTYPING FOR A NEW SERIES OF EXHIBITS AND PROGRAMMING THAT PROMOTE INTENTIONAL DESIGN AND USE OF TECHNOLOGY FOR GLOBAL GOOD.	500,000.
THE TECH MUSEUM OF INNOVATION 201 SOUTH MARKET STREET SAN JOSE, CA 95113	N/A PC	IN SUPPORT OF DESIGN AND PROTOTYPING OF AN INTERACTIVE EXHIBIT SPACE ON TECHNOLOGY AND THE ENVIRONMENT.	400,000.
THE TECH MUSEUM OF INNOVATION 201 SOUTH MARKET STREET SAN JOSE, CA 95113	N/A PC	IN SUPPORT OF THE DESIGN AND DEVELOPMENT OF A HANDS-ON BIOENGINEERING GALLERY THAT PROVIDES MUSEUM VISITORS WITH OPPORTUNITIES TO EXPLORE AND CREATE WITH BIOLOGICAL TOOLS TO INSPIRE INTEREST IN SCIENCE AND ENGINEERING.	500,000.
THE WILDLANDS CONSERVANCY 39611 OAK GLEN ROAD, BUILDING 12 OAK GLEN, CA 92399	N/A PC	TO ESTABLISH PUBLIC ACCESS TO THE 5,630-ACRE JENNER HEADLANDS PRESERVE AND THE 238-ACRE POLE MOUNTAIN PRESERVE, WHICH WILL PROVIDE VISITORS WITH AN OPPORTUNITY TO EXPERIENCE THIS AREA OF THE PICTURESQUE SONOMA COAST IN A MANNER CONSISTENT WITH HABITAT PRESERVATION.	284,000.
THIRD SECTOR NEW ENGLAND, INC. THE NONPROFIT CENTER, 89 SOUTH STREET, SUITE 202 BOSTON, MA 02111	N/A PC	TO SUPPORT THE DEVELOPMENT AND INITIAL IMPLEMENTATION OF THE NORTHEAST REGIONAL OCEAN PLAN AND MID-ATLANTIC REGIONAL OCEAN ACTION PLAN, AND TO IMPROVE UNDERSTANDING OF OCEAN PLANNING BEST PRACTICES THROUGH STRATEGIC COMMUNICATIONS.	802,834.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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, INC. THE NONPROFIT CENTER, 89 SOUTH STREET, SUITE 202 BOSTON, MA 02111	N/A PC	TO SUPPORT THE NORTHEAST REGIONAL PLANNING BODY'S DEVELOPMENT OF A REGIONAL OCEAN PLAN THAT ADDRESSES ITS GOALS OF HEALTHY OCEANS AND COASTS, EFFECTIVE DECISION MAKING, AND COMPATIBILITY AMONG PAST, PRESENT AND FUTURE USES; TO SUPPORT THE FIRST YEAR OF THE PLAN'S IMPLEMENTATION; AND TO ENSURE THE PROCESS IS UNDERPINNED BY AN EFFECTIVE STAKEHOLDER INVOLVEMENT PROCESS.	395,716.
TIDES CANADA FOUNDATION 400-163 HASTINGS STREET VANCOUVER BC CANADA V6B 1H5	N/A PC	TO SUPPORT IMPLEMENTATION OF THE MARINE PLANNING PARTNERSHIP (MAPP) OCEAN PLAN TO PROTECT THE MARINE ENVIRONMENT, CREATE OPPORTUNITIES FOR SUSTAINABLE ECONOMIC DEVELOPMENT, AND SUPPORT THE WELL-BEING OF COASTAL COMMUNITIES.	2,500,000.
TIDES CANADA FOUNDATION 400-163 HASTINGS STREET VANCOUVER BC CANADA V6B 1H5	N/A PC	TO STRENGTHEN THE CONDITIONS NECESSARY TO PROTECT AND SUSTAINABLY MANAGE THE MARINE ECOSYSTEMS OF BAFFIN ISLAND.	165,690.
TIDES CANADA FOUNDATION 400-163 HASTINGS STREET VANCOUVER BC CANADA V6B 1H5	N/A PC	TO SUPPORT THE BRITISH COLUMBIA MARINE PLANNING FUND AND THE BRITISH COLUMBIA COMMUNITY-BASED MARINE CONSERVATION FUND (COLLECTIVELY, THE COMMUNITY ADVISED FUNDS), TWO COMMUNITY ADVISED FUNDS THAT PROVIDE AGILE MECHANISMS FOR TIMELY, SMALL-SCALE INVESTMENTS IN ACTIVITIES AIMED AT SECURING CONSERVATION AND SUSTAINABLE USE THROUGH OCEAN PLANNING IN BRITISH COLUMBIA.	200,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 STREET VANCOUVER BC CANADA V6B 1H5	N/A PC	TO SUPPORT TIDES CANADA'S CAPACITY TO SUSTAIN WILD SALMON ECOSYSTEM CONSERVATION IN BRITISH COLUMBIA.	1,000,000.
TIDES CANADA FOUNDATION 400-163 HASTINGS STREET VANCOUVER BC CANADA V6B 1H5	N/A PC	TO SUPPORT THE BRITISH COLUMBIA MARINE PLANNING FUND, A COMMUNITY ADVISED FUND THAT PROVIDES AGILE MECHANISMS FOR TIMELY, SMALL-SCALE INVESTMENTS IN ACTIVITIES AIMED AT SECURING CONSERVATION AND SUSTAINABLE USE THROUGH OCEAN PLANNING IN BRITISH COLUMBIA.	475,000.
TIDES CANADA FOUNDATION 400-163 HASTINGS STREET VANCOUVER BC CANADA V6B 1H5	N/A PC	TO SUPPORT THE BRITISH COLUMBIA MARINE PLANNING FUND AND THE BRITISH COLUMBIA COMMUNITY-BASED MARINE CONSERVATION FUND (COLLECTIVELY, THE COMMUNITY ADVISED FUNDS), TWO COMMUNITY ADVISED FUNDS THAT PROVIDE AGILE MECHANISMS FOR TIMELY, SMALL-SCALE INVESTMENTS IN ACTIVITIES AIMED AT SECURING CONSERVATION AND SUSTAINABLE USE THROUGH OCEAN PLANNING IN BRITISH COLUMBIA.	310,000.
TIDES CENTER PO BOX 29907 SAN FRANCISCO, CA 94129	N/A PC	IN SUPPORT OF THE DEVELOPMENT OF USE CASES, DESIGN RECOMMENDATIONS AND GUIDELINES FOR A PORTFOLIO ASSESSMENT SYSTEM TO DOCUMENT AND ASSESS AUTHENTIC SCIENCE AND ENGINEERING LEARNING.	273,074.
TROUT UNLIMITED 1777 N. KENT STREET, SUITE 100 ARLINGTON, VA 22209	N/A PC	TO SUPPORT EFFORTS TO PRESERVE THE PRODUCTIVITY OF HIGH VALUE SALMON ECOSYSTEMS IN BRISTOL BAY AND THE TRANSBOUNDARY WATERSHEDS OF SOUTHEAST ALASKA AND BRITISH COLUMBIA.	250,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 PUBLIC LAND 101 MONTGOMERY STREET, SUITE 900 SAN FRANCISCO, CA 94104	N/A PC	TO SUPPORT PERMANENT PROTECTION OF 7,239 ACRES OF MONTESOL RANCH IN NAPA COUNTY.	5,800,000.
TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW 61 ROUTE 9W PALISADES, NY 10964-1000	N/A PC	IN SUPPORT OF THE DEVELOPMENT AND APPLICATION OF NOVEL INSTRUMENTATION FOR AIRBORNE MEASUREMENTS OF GRAVITATIONAL FIELD STRENGTH, WHICH WILL ENABLE HIGH-RESOLUTION MAPPING OF THE SEA FLOOR BENEATH THE ROSS ICE SHELF AND OTHER MAJOR ICE SHELVES.	630,000.
TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW 61 ROUTE 9W PALISADES, NY 10964-1000	N/A PC	TO SUPPORT RESEARCH THAT COUPLES STATE-OF-THE-ART GEOPHYSICAL OBSERVATIONS FROM UNMANNED AERIAL SYSTEMS (UAS) WITH A COMMUNITY-ENGAGED RESEARCH APPROACH TO BRIDGE SCIENTIFIC AND INDIGENOUS UNDERSTANDING OF SEA ICE CHANGE IN THE ALASKAN ARCTIC.	3,755,000.
TRUSTEES OF DARTMOUTH COLLEGE 35 CENTERRA PARKWAY LEBANON, NH 03766	N/A PC	TO SUPPORT THE WORK OF PATIENT AND FAMILY ENGAGEMENT EARLY-CAREER INVESTIGATOR, PAUL BARR, IN HIS PROJECT TO DEVELOP AND TEST AN INTEROPERABLE SYSTEM TO FACILITATE ROUTINE TAGGED RECORDINGS (ORALS) WITH THE AIM OF INCREASING PATIENT AND FAMILY ENGAGEMENT.	168,453.
TRUSTEES OF PRINCETON UNIVERSITY JADWIN HALL, WASHINGTON ROAD PRINCETON, NJ 08540	N/A PC	TO SUPPORT INVESTIGATIONS OF THE EMERGENT ELECTRONIC PROPERTIES IN HYBRID AND NANO-ENGINEERED ARTIFICIAL QUANTUM MATERIALS.	340,781.
TRUSTEES OF PRINCETON UNIVERSITY JADWIN HALL, WASHINGTON ROAD	N/A	IN SUPPORT OF LEADING-EDGE RESEARCH TO DEVELOP NOVEL METHODS TO FABRICATE, CHARACTERIZE, AND CONTROL QUANTUM MATERIALS AT NANOMETER LENGTH SCALES.	456,913.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
PRINCETON, NJ 08540	PC		
TRUSTEES OF PRINCETON UNIVERSITY 701 CARNEGIE CENTER, SUITE 435, PO BOX 5292 PRINCETON, NJ 08544	N/A PC	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL HELP CREATE NEW ALGORITHMS FOR THREE-DIMENSIONAL STRUCTURE DETERMINATION OF MACROMOLECULES BY CRYO-ELECTRON MICROSCOPY, AND WILL EXTEND THE SCOPE OF STATISTICAL ESTIMATION PROBLEMS THAT CAN BE SOLVED IN POLYNOMIAL TIME WITH PROVABLE GUARANTEES.	300,000.
TRUSTEES OF PRINCETON UNIVERSITY 701 CARNEGIE CENTER, SUITE 442 PRINCETON, NJ 08540	N/A PC	IN SUPPORT OF RESEARCH TARGETING DISCOVERY OF NOVEL SUPERCONDUCTORS AND DEVELOPMENT OF NOVEL METHODS FOR SYNTHESIS OF QUANTUM MATERIALS.	375,000.
TRUSTEES OF PRINCETON UNIVERSITY JADWIN HALL, WASHINGTON ROAD PRINCETON, NJ 08540	N/A PC	TO SUPPORT INVESTIGATIONS OF BERRY-CURVATURE PHYSICS IN VARIOUS CLASSES OF QUANTUM MATERIALS.	383,296.
TRUSTEES OF PRINCETON UNIVERSITY JADWIN HALL, WASHINGTON ROAD PRINCETON, NJ 08540	N/A PC	TO SUPPORT INVESTIGATIONS OF THE ELECTRONIC PROPERTIES OF QUANTUM MATERIALS BY DIRECTLY VISUALIZING ELECTRONIC WAVEFUNCTIONS, USING SCANNING PROBE AND SPECTROSCOPIC TECHNIQUES.	575,631.
TRUSTEES OF PRINCETON UNIVERSITY 701 CARNEGIE CENTER, SUITE 442 PRINCETON, NJ 08540	N/A PC	TO SUPPORT THE DEVELOPMENT OF A NOVEL INTRACELLULAR VEHICLE THAT CAN NAVIGATE WITHIN LIVING CELLS AND CARRY A SENSOR PAYLOAD WITH THE ABILITY TO REMOTELY MONITOR PHYSICAL CONDITIONS, CONTROL LOCAL CHEMISTRY AND ELUCIDATE BIOCHEMICAL PROCESSES.	872,743.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 ENGINEERING QUADRANGLE, OLDEN STREET PRINCETON, NJ 08544	N/A PC	IN SUPPORT OF RESEARCH TARGETING SYNTHESIS AND CHARACTERIZATION OF NEW MATERIALS EXHIBITING NOVEL ELECTRONIC AND/OR MAGNETIC PROPERTIES.	760,000.
TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 10-122 SCTR, 3400 CIVIC CENTER BOULEVARD PHILADELPHIA, PA 19104-5158	N/A PC	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL SUPPORT THE DEVELOPMENT OF NEW APPROACHES TO SIMPLIFY AND INTERPRET DEEP-LEARNING-DERIVED MODELS OF BIOLOGICAL DATA, AND TO DEVELOP AND RELEASE WEBSERVERS THAT PUT THESE METHODS INTO THE HANDS OF BIOLOGISTS.	300,000.
TUMBLEHOME LEARNING, LLC 201 NEWBURY STREET, SUITE 201 BOSTON, MA 02116	N/A NC	TO SUPPORT THE DEVELOPMENT OF BIOGRAPHIES OF KEY SCIENTIST- AND ENGINEER-INVENTORS FOR CHILDREN AND YOUTH.	152,500.
TWO BLADES FOUNDATION 1630 CHICAGO AVENUE, SUITE 19017 EVANSTON, IL 60201	N/A PC	TO SUPPORT THE DEPLOYMENT OF A BREAKTHROUGH TECHNOLOGY, RESISTANCE GENE ENRICHMENT SEQUENCING (RENSEQ), TO UNCOVER THE FULL REPERTOIRE AND DIVERSITY OF IMMUNE RECEPTORS IN THREE GENERA OF PLANTS, WHICH HAS THE POTENTIAL TO DRAMATICALLY INCREASE KNOWLEDGE OF HOW THESE RECEPTORS EVOLVED TO MEDIATE MICROBIAL INTERACTIONS AND DISEASE RESISTANCE.	765,894.
UNITED FISHERMEN OF ALASKA, INC. 410 CALHOUN AVENUE, SUITE 101 JUNEAU, AK 99801	N/A NC	TO SUPPORT EDUCATION AND AWARENESS ON THE IMPORTANCE OF SALMON HABITAT SUSTAINABILITY.	90,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
UNITED STATES GEOLOGICAL SURVEY 12201 SUNRISE VALLEY DRIVE RESTON, VA 20192	N/A GOV	IN SUPPORT OF COORDINATION AND INTEGRATION OF EARTHQUAKE EARLY WARNING GRANT ACTIVITIES CONDUCTED AT THE CALIFORNIA INSTITUTE OF TECHNOLOGY, UNIVERSITY OF CALIFORNIA AT BERKELEY, AND UNIVERSITY OF WASHINGTON TO DEVELOP A WEST COAST PROTOTYPE EARTHQUAKE EARLY WARNING SYSTEM CAPABLE OF PROVIDING ROBUST ADVANCE WARNING RANGING FROM TENS OF SECONDS TO MINUTES, AND OF THE SIZE, EXTENT AND TIMING OF IMMINENT EARTHQUAKES.	59,440.
UNITED TRIBES OF BRISTOL BAY PO BOX 1252 DILLINGHAM, AK 99576	N/A GOV	TO PROTECT THE LANDS AND WATERS THAT SUPPORT THE TRADITIONAL WAY OF LIFE OF THE INDIGENOUS PEOPLE OF BRISTOL BAY.	520,000.
UNIVERSITE DE SHERBROOKE 2500, BOUL. DE L'UNIVERSITE SHERBROOKE QC CANADA J1K 2R1	N/A PC	IN SUPPORT OF ELECTRONIC TRANSPORT MEASUREMENTS ON CUPRATE SUPERCONDUCTORS IN EXTREMELY HIGH MAGNETIC FIELDS AND HIGH PRESSURES, AIMED AT RESOLVING THE PHYSICAL ORIGIN OF THE "PSEUDOGAP" PHASE.	210,000.
UNIVERSITE PIERRE ET MARIE CURIE 4 PLACE JUSSIEU PARIS FRANCE 75252	N/A PC	IN SUPPORT OF BUILDING A COMMUNITY-CURATED TAXONOMIC FRAMEWORK FOR CLASSIFYING THE TREE OF LIFE FOR PROTISTS (SINGLE-CELLED EUKARYOTES).	387,100.
UNIVERSITE PIERRE ET MARIE CURIE 4 PLACE JUSSIEU PARIS FRANCE 75252	N/A PC	IN SUPPORT OF DEVELOPING GENETIC TOOLS FOR MARINE DIATOMS.	388,828.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 ALASKA PO BOX 757500 FAIRBANKS, AK 99775	N/A GOV	IN SUPPORT OF PETER WESTLEY'S ANALYSIS AND PARTICIPATION IN EMERGING SCIENTIFIC RESEARCH IN WILD SALMON ECOSYSTEM CONSERVATION.	375,000.
UNIVERSITY OF BRITISH COLUMBIA 6224 AGRICULTURAL ROAD VANCOUVER BC CANADA V6T 1Z1	N/A PC	IN SUPPORT OF THE CONSTRUCTION OF A SYSTEM FOR INVESTIGATIONS OF MATERIALS USING ULTRAFAST ANGLE-RESOLVED PHOTOEMISSION SPECTROSCOPY, COUPLED WITH A NOVEL TUNABLE EXTREME-ULTRAVIOLET LASER SOURCE.	380,000.
UNIVERSITY OF BRITISH COLUMBIA 2424 MAIN MALL VANCOUVER BC CANADA V6T1Z4	N/A PC	IN SUPPORT OF INVESTIGATING HOW STRESS REDUCES SURVIVAL OF SHELLFISH AND CAPITALIZING ON SHELLFISH GENETIC DIVERSITY TO BYPASS BOOM-AND-BUST CYCLES IN AQUACULTURE.	899,871.
UNIVERSITY OF CAMERINO VIA GENTILE III DA VARANO CAMERINO ITALY 62032	N/A PC	IN SUPPORT OF DEVELOPING GENETIC TOOLS FOR MARINE MICROEUKARYOTES.	188,586.
UNIVERSITY OF CHICAGO 920 E. 58TH STREET, CLSC CHICAGO, IL 60637	N/A PC	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL DEVELOP A FRAMEWORK FOR IMPROVED STATISTICAL METHODS COMPARISONS, AND LAY THE GROUNDWORK FOR UNDERSTANDING THE MOLECULAR MECHANISMS UNDERLYING GENE REGULATION.	300,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 204 CANNON LAB, 700 PILOTTOWN ROAD LEWES, DE 19958	N/A PC	IN SUPPORT OF USING FIELDWORK AND ANALYTICAL CHEMISTRY APPROACHES TO DETERMINE HOW JUVENILE CORAL AND REEF FISH SELECT HABITATS IN THE CARIBBEAN SEA. RESEARCH FINDINGS WILL INFORM OCEAN PLANNING AND MANAGEMENT STRATEGIES.	547,560.
UNIVERSITY OF EAST ANGLIA NORWICH RESEARCH PARK NORWICH NORFOLK UNITED KINGDOM NR4 7TJ	N/A PC	IN SUPPORT OF DEVELOPING GENETIC TOOLS FOR MARINE DIATOMS.	167,303.
UNIVERSITY OF EXETER THE UNIVERSITY OF EXETER, MAIL ROOM EXETER DEVON UNITED KINGDOM EX4 4SB	N/A PC	IN SUPPORT OF USING GENETIC MODEL SYSTEMS AND ADVANCED PROTEIN ANALYSIS TOOLS TO CHARACTERIZE HOW MARINE MICROBES EXTRACT NUTRIENTS FROM SEAWATER.	345,847.
UNIVERSITY OF FLORIDA 219 GRINTER HALL, PO BOX 115500 GAINESVILLE, FL 32611	N/A GOV	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL ACHIEVE A DEEPER UNDERSTANDING OF HOW TO FORECAST CHANGES IN ECOLOGICAL SYSTEMS AND HELP FACILITATE AND ESTABLISH DATA-INTENSIVE RESEARCH IN ECOLOGY.	300,000.
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. 310 EAST CAMPUS ROAD, TUCKER HALL, ROOM 411 ATHENS, GA 30602	N/A PC	IN SUPPORT OF USING ADVANCED ANALYTICAL INSTRUMENTATION AND PROTEIN CHARACTERIZATION TOOLS TO MEASURE THE FLUX OF NUTRIENTS EXCHANGED BETWEEN MARINE MICROBES.	568,969.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 HAWAII 2440 CAMPUS ROAD, BOX 368 HONOLULU, HI 96822	N/A GOV	TO GENERATE A BETTER UNDERSTANDING OF THE BIODIVERSITY AND ECOLOGY OF A LARGE DEEP-SEA ECOSYSTEM PRIOR TO MINING.	1,831,157.
UNIVERSITY OF HAWAII 2440 CAMPUS ROAD, BOX 368 HONOLULU, HI 96822	N/A GOV	IN SUPPORT OF DETERMINING THE MECHANISMS THAT UNDERLIE HOW BACTERIA ENABLE A SWIMMING WORM LARVA TO SETTLE ON THE SEAFLOOR TO BECOME AN ADULT.	75,000.
UNIVERSITY OF HAWAII FOUNDATION 2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	N/A PC	IN SUPPORT OF RESEARCH TO ADVANCE KNOWLEDGE REGARDING THE PATHWAYS, RATES, AND CONTROLS OF THE MICROBIAL PHOSPHORUS CYCLE AND ITS INEXTRICABLE LINKAGES WITH THE CARBON AND NITROGEN CYCLES.	421,035.
UNIVERSITY OF HAWAII FOUNDATION 2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	N/A PC	IN SUPPORT OF RESEARCH TO ADVANCE KNOWLEDGE OF MICROBIAL DYNAMICS IN TIME AND SPACE USING NEWLY EMERGING ROBOTIC SAMPLING TECHNOLOGIES, AND OF NUTRIENT TRANSFORMATIONS ON PARTICULATE ORGANIC MATTER USING GENOMICS AND CULTIVATION TECHNIQUES.	468,000.
UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC. 2385 IRVING HILL ROAD LAWRENCE, KS 66045-7568	N/A PC	IN SUPPORT OF RESEARCH AND DEVELOPMENT OF A SCIENCE-FOCUSED INVENTION AIMED AT MAKING PEPTIDE DRUGS THAT WILL RE-SENSITIZE BACTERIA TO COMMON ANTIBIOTICS.	225,000.
UNIVERSITY OF LEEDS UNIVERSITY OF LEEDS LEEDS UNITED KINGDOM LS2 9JT	N/A PC	TO ENSURE THAT THE IMPACT OF CLIMATE CHANGE ON TREE SPECIES AND FOREST FUNCTION IN PERUVIAN AMAZON PROTECTED AREAS IS EFFECTIVELY INCORPORATED INTO MANAGEMENT DECISIONS.	1,100,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 MONTANA ORSP, UNIVERSITY HALL 116, UNIVERSITY OF MONTANA MISSOULA, MT 59812	N/A GOV	IN SUPPORT OF DEVELOPING NEW METHODS TO EXPLORE THE EVOLUTION AND INTERACTIONS AMONG TWO BACTERIA, WHERE ONE BACTERIUM LIVES NESTED INSIDE THE OTHER BACTERIUM, ALL INSIDE SPECIALIZED INSECT CELLS.	527,277.
UNIVERSITY OF NORTH CAROLINA CB #3280, COKER HALL CHAPEL HILL, NC 27599-3280	N/A GOV	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF JEFF DANGL.	166,667.
UNIVERSITY OF NORTH CAROLINA 601 S. COLLEGE ROAD WILMINGTON, NC 02840	N/A GOV	IN SUPPORT OF DEVELOPING INEXPENSIVE NANOSATELLITES THAT WILL ALLOW FOR SUSTAINED, HIGH SPATIAL AND TEMPORAL RESOLUTION INFORMATION ABOUT SURFACE OCEAN PROCESSES.	167,000.
UNIVERSITY OF PITTSBURGH 2117 CATHEDRAL OF LEARNING, 4200 FIFTH AVENUE PITTSBURGH, PA 15260	N/A PC	TO SUPPORT THE WORK OF PATIENT AND FAMILY ENGAGEMENT EARLY-CAREER INVESTIGATOR, LOVIE JACKSON FOSTER, IN HER PROJECT TO DEVELOP AND EVALUATE THE FEASIBILITY, ACCEPTABILITY AND EFFECTS OF AN INNOVATIVE, BRIEF, WEB-BASED ADOLESCENT MENTAL HEALTH CARE ENGAGEMENT INTERVENTION, ASKME.HEARME.	145,303.
UNIVERSITY OF SOUTHERN CALIFORNIA 635 DOWNEY WAY, VDP SUITE 210 LOS ANGELES, CA 90089	N/A PC	TO SUPPORT USC SCHAEFFER CENTER'S END-OF-LIFE CARE CONFERENCE IN 2016 AND 2017.	120,000.
UNIVERSITY OF SOUTHERN CALIFORNIA 3720 S. FLOWER STREET LOS ANGELES, CA 90089-0706	N/A PC	IN SUPPORT OF RESEARCH TO INVESTIGATE HOW NUTRIENT INPUTS, PREDATORS, AND VIRAL INFECTION SIMULTANEOUSLY WORK CONTROL MICROBIAL COMMUNITIES AND THEIR ACTIVITIES.	444,245.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 TECHNOLOGY SYDNEY 15 BROADWAY ULTIMO NSW AUSTRALIA 2007	N/A PC	IN SUPPORT OF ENGINEERING AND DEPLOYING INSTRUMENTS THAT ALLOW OBSERVING MICROORGANISMS AT THEIR OWN SCALE TO UNDERSTAND MICROBIAL PROCESSES IN THE OCEAN.	999,959.
UNIVERSITY OF TENNESSEE 1534 WHITE AVENUE KNOXVILLE, TN 37996-1529	N/A GOV	IN SUPPORT OF BUILDING ONLINE COMMUNITIES FOR MARINE PROTIST GENETICS AND VIRUS ECOLOGY RESEARCHERS TO INCREASE KNOWLEDGE SHARING AND ESTABLISH BEST PRACTICES WITH METHODS.	42,219.
UNIVERSITY OF TENNESSEE 1508 MIDDLE DRIVE KNOXVILLE, TN 37996	N/A GOV	IN SUPPORT OF RESEARCH AIMED AT DESIGN AND DISCOVERY OF NEW LAYERED CHALCOGENIDES WITH ACTIVE SPIN DEGREES OF FREEDOM AND NOVEL CHIRAL FERROMAGNETS.	300,000.
UNIVERSITY OF TEXAS SYSTEM 101 E. 27TH STREET, SUITE 5.300 AUSTIN, TX 78712-1532	N/A GOV	IN SUPPORT OF A NOVEL APPROACH TO UNDERSTANDING THE ORIGIN AND EVOLUTION OF THE UNIQUE VOCAL ORGAN OF BIRDS AND THE SOUNDS THAT EXTINCT EARLY AVIAN SPECIES PRODUCED BY INTEGRATING INFORMATION FROM FOSSILS, EXPERIMENTAL PHYSIOLOGY, GENE EXPRESSION, AND SOUND MODELING.	183,872.
UNIVERSITY OF TEXAS SYSTEM 101 E. 27TH STREET, SUITE 5.300 AUSTIN, TX 78712-1532	N/A GOV	IN SUPPORT OF RESEARCH THAT SEEKS TO DEVELOP ATOMICALLY THIN TWO-DIMENSIONAL SILICON FOR INTEGRATION WITH TECHNOLOGY TO PROVIDE ENERGY SAVINGS IN INDUSTRIAL, CONSUMER, AND HEALTH FIELDS.	225,000.
UNIVERSITY OF TEXAS SYSTEM	N/A	IN SUPPORT OF THE COLLABORATIVE PROJECT CONDITIONAL GENE ESSENTIALITY AS FUNCTION OF CELL METABOLIC STATE AS PROPOSED AT THE 2016 SCIALOG: MOLECULES COME TO LIFE CONFERENCE, WHERE FIVE	56,250.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
5323 HARRY HINES BOULEVARD DALLAS, TX 75390	GOV	TEAM RESEARCH PROPOSALS WERE SELECTED THROUGH PEER-REVIEW FROM NINETEEN TEAM PROPOSALS THAT FOCUSED ON CONVERGENCE SCIENCE AT THE INTERSECTION OF PHYSICS AND BIOLOGY TO ADDRESS THE NEED FOR A MORE QUANTITATIVE, THEORY-BASED UNDERSTANDING OF COMPLEX BIOLOGICAL PHENOMENA.	
UNIVERSITY OF TEXAS SYSTEM 5323 HARRY HINES BOULEVARD DALLAS, TX 75390	N/A GOV	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL BE USED TO DEVELOP AND EXPERIMENTALLY TEST A NEW QUANTITATIVE DESCRIPTION OF BACTERIAL GENOMES DERIVED FROM EVOLUTIONARY STATISTICS.	300,000.
UNIVERSITY OF VICTORIA UNIVERSITY HOUSE 4, PO BOX 3060 VICTORIA BC CANADA V8W 3R4	N/A PC	TO SUPPORT DEVELOPMENT AND REFINEMENT OF SUSTAINABLE WATER AND WATERSHED MANAGEMENT OPTIONS IN BRITISH COLUMBIA.	481,106.
UNIVERSITY OF WASHINGTON 1122 NE BOAT STREET SEATTLE, WA 98105	N/A GOV	TO SUPPORT THE SUSTAINABILITY OF THE ALASKA SALMON PROGRAM AND ECOSYSTEM RESEARCH AND MONITORING IN THE BRISTOL BAY WATERSHED.	1,000,000.
UNIVERSITY OF WASHINGTON 4333 BROOKLYN AVENUE NE, BOX 359472 SEATTLE, WA 98195-9472	N/A GOV	IN SUPPORT OF DEVELOPING GENETIC TOOLS FOR MARINE DIATOMS.	88,772.
UNIVERSITY OF WASHINGTON BOX 351310	N/A	IN SUPPORT OF A COMPREHENSIVE DESIGN AND COST-BENEFIT ANALYSIS OF AN OFFSHORE GEOPHYSICAL NETWORK FOR EARTHQUAKE AND TSUNAMI WARNING IN THE PACIFIC NORTHWEST.	500,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
SEATTLE, WA 98195-1310	GOV		
UNIVERSITY OF WASHINGTON PAUL G. ALLEN CENTER, 185 STEVENS WAY, BOX 352350 SEATTLE, WA 98195	N/A GOV	IN SUPPORT OF DEMONSTRATING THE HIGH LEVEL OF SCIENTIFIC IMPACT THAT DATA SCIENTISTS DELIVER THROUGH THEIR FOCUS ON INTERDISCIPLINARY DATA-DRIVEN RESEARCH. FUNDS FROM THIS AWARD WILL BE USED TO ENHANCE AND ACCELERATE DATA-INTENSIVE SCIENCE THROUGH NOVEL INTERACTIVE TOOLS TO ASSESS, TRANSFORM AND VISUALIZE DATA.	300,000.
UNIVERSITY OF WASHINGTON 4333 BROOKLYN AVENUE NE, BOX 359472 SEATTLE, WA 98195	N/A GOV	TO SUPPORT THE DEVELOPMENT OF GUIDING PRINCIPLES AND A MEASUREMENT FRAMEWORK FOR POPULATION-BASED PAYMENT AND DELIVERY MODELS THAT CARE FOR PEOPLE WITH SERIOUS ILLNESS.	213,584.
UNIVERSITY OF WASHINGTON BOX 351310 SEATTLE, WA 98195-1310	N/A GOV	THE UNIVERSITY OF WASHINGTON, IN COLLABORATION WITH THE CALIFORNIA INSTITUTE OF TECHNOLOGY AND THE UNIVERSITY OF CALIFORNIA AT BERKELEY, WILL CONDUCT RESEARCH ON THE PATTERN AND PROGRESSION OF VERY LARGE EARTHQUAKE RUPTURES IN THE CASCADIA SUBDUCTION ZONE. THE RESULTING KNOWLEDGE GAINED WILL CONTRIBUTE TO THE DEVELOPMENT OF A WEST COAST PROTOTYPE EARTHQUAKE EARLY WARNING SYSTEM CAPABLE OF PROVIDING ROBUST ADVANCE WARNING-RANGING FROM TENS OF SECONDS TO MINUTES-OF THE SIZE, EXTENT AND TIMING OF IMMINENT EARTHQUAKES.	185,000.
UNIVERSITY OF WASHINGTON 4333 BROOKLYN AVENUE NE, BOX 359472 SEATTLE, WA 98195-9472	N/A GOV	IN SUPPORT OF RESEARCH TO IDENTIFY KEY INTERACTIONS WITHIN MICROBIAL COMMUNITIES THAT INFLUENCE THE DISTRIBUTION AND ABUNDANCE OF DIATOMS WITH IMPACT ON BIOGEOCHEMICAL CYCLES.	431,597.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 WASHINGTON BOX 351800 SEATTLE, WA 98195	N/A GOV	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF KEIKO TORII.	333,333.
UNIVERSITY OF WASHINGTON 4333 BROOKLYN AVENUE NE, BOX 359472 SEATTLE, WA 98195-9472	N/A GOV	TO SUPPORT DATA SCIENTISTS IN PURSUIT OF SCIENTIFIC RESEARCH ACROSS THE LIFE, PHYSICAL AND SOCIAL SCIENCES AS WELL AS EXPERIMENTATION TO IDENTIFY THE BEST METHODOLOGIES TO IMPROVE DATA SCIENCE PRACTICE WITHIN ACADEMIA.	2,000,000.
UNIVERSITY OF WASHINGTON 1122 NE BOAT STREET SEATTLE, WA 98105	N/A GOV	IN SUPPORT OF DANIEL SCHINDLER'S ANALYSIS AND PARTICIPATION IN EMERGING SCIENTIFIC RESEARCH IN WILD SALMON ECOSYSTEM CONSERVATION.	375,000.
UNIVERSITY OF WASHINGTON 4333 BROOKLYN AVENUE NE, BOX 359472 SEATTLE, WA 98195-9472	N/A GOV	IN SUPPORT OF DEVELOPING A VIRUS-BACTERIUM-ALGA CULTURE SYSTEM AND ADVANCING METHODS TO INVESTIGATE HOW VIRUS INFECTION AND STRESS IMPACT GENE FLOW AND MICROBIAL EVOLUTION IN COLD, HIGHLY SALINE ENVIRONMENTS.	711,783.
UNIVERSITY OF WASHINGTON 3960 BENTON LANE NE SEATTLE, WA 98195	N/A GOV	IN SUPPORT OF ENABLING BETTER SYNTHESIS STUDIES BY DETERMINING THE BENEFITS AND UTILITY OF CREATING A "DATA TASK FORCE" TO WORK ALONGSIDE SYNTHESIS TEAMS. THIS DATA TASK FORCE WOULD HANDLE DATA ACQUISITION AND AGGREGATION, INCLUDING IDENTIFYING CHALLENGES ASSOCIATED WITH DATA SHARING AND HOW BEST TO OVERCOME THEM.	187,500.
UNIVERSITY OF WASHINGTON 4333 BROOKLYN AVENUE NE, BOX 359472 SEATTLE, WA 98195-9472	N/A GOV	IN SUPPORT OF OBTAINING AN IMPROVED UNDERSTANDING OF MICROBE-PARTICLE-CHEMICAL INTERACTIONS IN THE DARK OCEAN AND THEIR IMPACT ON BIOGEOCHEMICAL CYCLES BASED ON NOVEL MODELS THAT CROSS THE OCEAN'S SPATIAL AND TEMPORAL SCALES.	226,285.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 MARYLAND 1117 JOHN S. TOLL BUILDING, #082 COLLEGE PARK, MD 20742	N/A GOV	IN SUPPORT OF RESEARCH AIMED AT DISCOVERING NOVEL QUANTUM MATERIALS THROUGH A COMBINATION OF EXPLORATORY SYNTHESIS, HIGH-THROUGHPUT SEMI-AUTOMATED SYNTHESIS, AND DATA MINING.	190,000.
UNIVERSITY SYSTEM OF MARYLAND 1 PARK PLACE, SUITE 300 ANNAPOLIS, MD 21401	N/A GOV	TO SUPPORT A RIGOROUS SCIENTIFIC ASSESSMENT OF THE SOCIAL-ECOLOGICAL IMPACTS OF GLOBAL OCEAN PLANNING EFFORTS TO DATE.	80,858.
UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION 300 EAST MARKET STREET, SUITE 300 LOUISVILLE, KY 40202-1959	N/A SO I	TO SUPPORT A ROLE DELINEATION STUDY AND CERTIFICATION PROGRAM IN PALLIATIVE CARE FOR SOCIAL WORKERS.	275,206.
VITAL TALK 901 HARVARD AVE E SEATTLE, WA 98102	N/A PC	TO SUPPORT A NEW COLLABORATION FOCUSED ON IMPROVING COMMUNICATIONS BETWEEN CLINICIANS AND PATIENTS ABOUT END-OF-LIFE CARE AND OPTIONS.	2,147,000.
WASHINGTON UNIVERSITY 4240 DUNCAN AVENUE, SUITE 300 ST. LOUIS, MO 63130	N/A PC	TO SUPPORT THE WORK OF PATIENT AND FAMILY ENGAGEMENT EARLY-CAREER INVESTIGATOR, ROBERTA PINEDA, IN HER PROJECT TO ENGAGE FAMILIES IN THE NEONATAL ICU BY ENABLING THEM TO PROVIDE DEVELOPMENTALLY APPROPRIATE SENSORY EXPOSURES TO OPTIMIZE OUTCOMES FOR THEIR OWN CHILDREN.	167,311.
WASHINGTON UNIVERSITY 4240 DUNCAN AVENUE, SUITE 300 ST. LOUIS, MO 63130	N/A PC	IN SUPPORT OF USING ENVIRONMENTAL SAMPLING AND ADVANCED MICROSCOPY TO STUDY A CLOSE RELATIONSHIP BETWEEN TWO MICROBES TO SHED LIGHT ON EVOLUTION IN ACTION AND COOPERATIVE INTERACTIONS IN THE MARINE ENVIRONMENT.	785,693.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
WATERSHED WATCH SALMON SOCIETY #301 - 3007 GLEN DRIVE, UNIT 9 COQUITLAM BC CANADA V3B 2P7	N/A PC	TO REINFORCE MANAGEMENT FOR WILD SALMON RESILIENCE IN BRITISH COLUMBIA THROUGH MARINE STEWARDSHIP COUNCIL CONDITIONS AND PUBLIC ENGAGEMENT.	91,680.
WATERSHED WATCH SALMON SOCIETY #301 - 3007 GLEN DRIVE, UNIT 9 COQUITLAM BC CANADA V3B 2P7	N/A PC	TO SUPPORT CAPACITY FOR PROVINCIAL LEADERSHIP IN THE ENDURING PROTECTION OF SPECIES DIVERSITY, ABUNDANCE AND HABITAT FOR BRITISH COLUMBIA WILD SALMON.	461,627.
WEST COAST ENVIRONMENTAL LAW RESEARCH FOUNDATION 200 - 2006 WEST 10TH AVENUE VANCOUVER BC CANADA V6J 2B3	N/A PC	TO SUPPORT OCEAN PLANNING IN BRITISH COLUMBIA.	200,000.
WEST COAST ENVIRONMENTAL LAW RESEARCH FOUNDATION 200 - 2006 WEST 10TH AVENUE VANCOUVER BC CANADA V6J 2B3	N/A PC	TO STRENGTHEN PUBLIC KNOWLEDGE OF LEGAL AVENUES TO PROTECT WILD SALMON ECOSYSTEMS IN BRITISH COLUMBIA.	151,001.
WEST COAST ENVIRONMENTAL LAW RESEARCH FOUNDATION 200 - 2006 WEST 10TH AVENUE VANCOUVER BC CANADA V6J 2B3	N/A PC	TO STRENGTHEN THE OPPORTUNITIES AND CAPACITY FOR PROTECTING WILD SALMON HABITAT IN BRITISH COLUMBIA.	500,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
WESTCOAST AQUATIC MANAGEMENT ASSOCIATION #3-4310 10TH AVENUE PORT ALBERNI BC CANADA V9Y 4X4	N/A PC	TO SUPPORT PROGRESS TOWARDS IMPLEMENTATION OF AN OCEAN PLAN FOR THE WEST COAST VANCOUVER ISLAND.	300,000.
WGBH EDUCATIONAL FOUNDATION ONE GUEST STREET BOSTON, MA 02135	N/A PC	IN SUPPORT OF A MULTIPLE EPISODE DIGITAL MEDIA PRODUCTION THAT EXPLORES COMPELLING, UNANSWERED SCIENTIFIC QUESTIONS AND ELABORATES ON THE CORRESPONDING SCIENTIFIC CONTENT AND THE SCIENTISTS WHO SEEK TO ANSWER THEM.	300,000.
WILD SALMON CENTER JEAN VOLLUM NATURAL CAPITAL CENTER, 721 NW NINTH PORTLAND, OR 97209	N/A PC	TO SUPPORT WILD SALMON CONSERVATION EFFORTS ACROSS THE NORTH PACIFIC RIM.	666,667.
WILD SALMON CENTER JEAN VOLLUM NATURAL CAPITAL CENTER, 721 NW NINTH PORTLAND, OR 97209	N/A PC	TO CONSOLIDATE SKEENA WILD SALMON HARVEST REFORMS AND HABITAT PROTECTION, WHILE STRENGTHENING THE ORGANIZATIONAL RESILIENCE AND LONG-TERM INFORMED ENGAGEMENT OF COMMUNITIES.	328,380.
WILD SALMON CENTER JEAN VOLLUM NATURAL CAPITAL CENTER, 721 NW NINTH PORTLAND, OR 97209	N/A PC	TO ENSURE RELEVANCE, IMPACT AND LONG-TERM SUSTAINABILITY OF WILD SALMON CENTER'S SCIENCE FUNCTION.	300,000.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	N/A PC	TO SUPPORT THE CONSOLIDATION OF INDIGENOUS LANDS IN THE AMAZON AND THEIR INTEGRATION INTO LAND USE PLANNING DECISIONS BY STRENGTHENING A PARTNERSHIP BETWEEN THE CONSERVATION AND HUMAN RIGHTS COMMUNITIES.	160,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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	N/A PC	TO CONSOLIDATE THE LOWER RIO NEGRO MOSAIC BY IMPLEMENTING ADAPTIVE MANAGEMENT, EVALUATING CONSERVATION ACTIONS, AND CAPTURING LESSONS LEARNED TO MAKE THE MOSAIC A MODEL FOR THE BRAZILIAN AMAZON.	300,000.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	N/A PC	TO SUPPORT THE ARCTIC WATERWAYS SAFETY COMMITTEE'S WORK TO DEVELOP A CRUISE TOURISM STANDARD OF CARE THAT WILL PROTECT CRITICAL MARINE MAMMAL HABITAT AND SUBSISTENCE ACTIVITIES.	169,375.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	N/A PC	TO SUPPORT REGIONAL OCEAN PLANNING AND SCIENCE EDUCATION IN THE MID-ATLANTIC REGION.	299,401.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	N/A PC	TO DEVELOP MECHANISMS TO MITIGATE AND COMPENSATE AFFECTED STAKEHOLDERS FROM INFRASTRUCTURE PROJECT IMPACTS IN THE MADIDI (BOLIVIA) AND YASUNI-PASTAZA MOSAICS (ECUADOR).	200,000.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	N/A PC	TO CONSERVE 18.6 MILLION HECTARES OF OUTSTANDING BIODIVERSITY MOSAICS IN MADIDI-TAMBOPATA (BOLIVIA), YASUNI-PASTAZA (ECUADOR), AND YAVARI-SAMIRIA (PERU), INCLUDING 14 INDIVIDUAL PROTECTED AREAS AND INDIGENOUS TERRITORIES.	2,472,800.
WILLIAM MARSH RICE UNIVERSITY 6100 MAIN, MS-61 HOUSTON, TX 77005-1827	N/A PC	IN SUPPORT OF RESEARCH TARGETING DISCOVERY OF NEW MATERIALS THAT ENHANCE OUR UNDERSTANDING OF MAGNETISM, UNCONVENTIONAL SUPERCONDUCTIVITY, AND THE INTERPLAY BETWEEN THESE PHENOMENA.	200,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
WOMEN'S ENVIRONMENTAL NETWORK 1569 SOLANO AVENUE, #548 BERKELEY, CA 94707	N/A PC	TO SUPPORT THE STRATEGIC PLANNING PROCESS OF THE WOMEN'S ENVIRONMENTAL NETWORK.	25,024.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	N/A PC	IN SUPPORT OF EXPLORING A NEW APPROACH TO OCEANOGRAPHIC RESEARCH FOCUSED ON RAPID SOFTWARE AND HARDWARE INNOVATION.	50,000.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	N/A PC	IN SUPPORT OF OBTAINING DEEPER KNOWLEDGE OF MAJOR BIOGEOCHEMICALLY RELEVANT PROTEINS TO INFORM A MECHANISTIC UNDERSTANDING OF GLOBAL MARINE BIOGEOCHEMICAL CYCLES.	436,173.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	N/A PC	IN SUPPORT OF RESEARCH TO ELUCIDATE HOW THE BIOLOGICAL CLOCK IS REGULATED IN A SEA ANEMONE, WHICH WILL PROVIDE INSIGHTS INTO BOTH THE PHYSIOLOGY OF SEA ANEMONES AND THE EVOLUTION OF AN IMPORTANT REGULATORY PATHWAY FOUND IN ALL ANIMALS.	343,776.
WOODS HOLE RESEARCH CENTER, INC. 149 WOODS HOLE RESEARCH CENTER FALMOUTH, MA 02543	N/A PC	TO DEVELOP DATASETS ON PAN-AMAZON FOREST RESILIENCE (FOREST DEGRADATION AND CLIMATIC VULNERABILITY) AND TO TRAIN FOREST MANAGERS AND POLICYMAKERS TO USE THESE DATA TO INFORM CONSERVATION DECISIONS.	1,000,000.
WORLD BUSINESS COUNCIL FOR SUSTAINABLE DEVELOPMENT MAISON DE LA PAIX, CHEMIN EUGENE-RI GENEVA SWITZERLAND	N/A NC	TO SUPPORT HARMONIZATION ACROSS DIFFERENT SUSTAINABILITY REPORTING STANDARDS TO REDUCE MARKETPLACE CONFUSION AND BARRIERS TO ADOPTION.	500,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 BUSINESS COUNCIL FOR SUSTAINABLE DEVELOPMENT MAISON DE LA PAIX, CHEMIN EUGENE-RI GENEVA SWITZERLAND	N/A NC	TO IMPLEMENT THE FINANCE COLLABORATION FOR THE CONSERVATION AND FINANCIAL MARKETS INITIATIVE.	2,575,023.
WORLD RESOURCES INSTITUTE 10 G STREET NE, SUITE 800 WASHINGTON, DC 20002	N/A PC	TO IMPROVE TRANSPARENCY AND ENABLE MEASUREMENT OF FINANCIAL INSTITUTIONS' AND COMPANIES' PROGRESS TOWARD DEFORESTATION-FREE COMMODITY COMMITMENTS.	350,000.
WORLD WILDLIFE FUND CANADA #1588-409 GRANVILLE STREET VANCOUVER BC CANADA V6C 1T2	N/A PC	TO ENABLE NUNAVUT COMMUNITIES AND INSTITUTIONS TO ACHIEVE THE CONSERVATION AND SUSTAINABLE USE OF THEIR VAST OCEAN WATERS THROUGH COMPREHENSIVE PLANNING AND MANAGEMENT.	93,306.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, NW PO BOX 97180 WASHINGTON, DC 20090-7180	N/A PC	TO INCREASE WWF'S ABILITY TO MAKE SCIENCE-BASED RECOMMENDATIONS AT THE WESTERN CENTRAL PACIFIC FISHERIES COMMISSION AROUND REFERENCE POINTS AND HARVEST CONTROL RULES, FISH AGGREGATING DEVICE MANAGEMENT, DATA COLLECTION, AND MONITORING, CONTROL, AND SURVEILLANCE.	712,160.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, NW PO BOX 97180 WASHINGTON, DC 20090-7180	N/A PC	TO SUPPORT CONSERVATION OF WILD SALMON AND WILD SALMON HABITAT IN KAMCHATKA, RUSSIA.	818,299.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, NW PO BOX 97180 WASHINGTON, DC 20090-7180	N/A PC	TO IMPLEMENT MONITORING TOOLS TO EVALUATE THE CONSERVATION IMPACT AND EFFECTIVENESS OF THE AMAZON REGION PROTECTED AREAS (ARPA) PROGRAM IN THE BRAZILIAN AMAZON.	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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, NW PO BOX 97180 WASHINGTON, DC 20090-7180	N/A PC	TO LAUNCH AND ADVANCE A GLOBAL DIALOGUE ON SEAFOOD TRACEABILITY WITH APPROPRIATE PARTNERS, WHICH SIGNIFICANTLY ADVANCES CONCRETE INDUSTRY AND GOVERNMENT COMMITMENTS.	772,923.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, NW PO BOX 97180 WASHINGTON, DC 20090-7180	N/A PC	TO DEVELOP A TRACEABILITY SYSTEM FOR FARMED SHRIMP SUPPLY CHAINS.	113,507.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, NW PO BOX 97180 WASHINGTON, DC 20090-7180	N/A PC	TO INCREASE WWF'S ABILITY TO MAKE SCIENCE-BASED RECOMMENDATIONS AT THE WESTERN CENTRAL PACIFIC FISHERIES COMMISSION AROUND REFERENCE POINTS AND HARVEST CONTROL RULES, FISH AGGREGATING DEVICE MANAGEMENT, DATA COLLECTION, AND MONITORING, CONTROL, AND SURVEILLANCE.	300,000.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, NW PO BOX 97180 WASHINGTON, DC 20090-7180	N/A PC	TO ENSURE THE LONG-TERM IMPLEMENTATION OF SUSTAINABLE FINANCE STRATEGIES FOR TWO PROTECTED AREAS IN NORTHERN BOLIVIA.	300,000.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, NW PO BOX 97180 WASHINGTON, DC 20090-7180	N/A PC	TO IMPLEMENT THE AGRICULTURE COLLABORATION FOR THE FORESTS AND AGRICULTURAL MARKETS INITIATIVE.	6,248,856.
WORLD WILDLIFE FUND, INC. 1250 TWENTY-FOURTH STREET, NW PO BOX 97180 WASHINGTON, DC 20090-7180	N/A PC	TO IMPLEMENT THE FINANCE COLLABORATION FOR THE CONSERVATION AND FINANCIAL MARKETS INITIATIVE.	3,409,105.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
YALE UNIVERSITY SAGE HALL, 205 PROSPECT STREET NEW HAVEN, CT 06511	N/A PC	IN SUPPORT OF THE YALE E360 ONLINE MAGAZINE'S TARGETED COMMUNICATIONS ABOUT CRITICAL ENVIRONMENTAL CONSERVATION TOPICS.	200,000.
YALE UNIVERSITY SAGE HALL, 205 PROSPECT STREET NEW HAVEN, CT 06511	N/A PC	TO SUPPORT THE YALE E360 WEBSITE AND MULTIMEDIA RE-DESIGN TO ENHANCE TARGETED COMMUNICATIONS ABOUT CRITICAL ENVIRONMENTAL CONSERVATION TOPICS.	100,000.
YALE UNIVERSITY PO BOX 208056 NEW HAVEN, CT 06520	N/A PC	TO SUPPORT DEVELOPMENT AND DISSEMINATION OF TRAINING MATERIALS FOR PATIENTS AND CLINICIANS TO ADVANCE PATIENT PRIORITY CARE.	806,126.
YALE UNIVERSITY 15 PROSPECT STREET NEW HAVEN, CT 06511	N/A PC	IN SUPPORT OF RESEARCH AIMED AT DECIPHERING THE MECHANISM OF HIGH-TEMPERATURE SUPERCONDUCTIVITY AND DISCOVERING NEW SUPERCONDUCTORS THROUGH SYNTHESIS OF NOVEL HETEROSTRUCTURES USING ATOMIC-LAYER-BY-LAYER MOLECULAR BEAM EPITAXY.	480,000.
ZAPPYLAB, INC. 2120 UNIVERSITY AVE, SUITE 410 BERKELEY, CA 94704	N/A NC	IN SUPPORT OF BUILDING AN ONLINE PROTIST GENETICS COMMUNITY AND EXPANDING AN ONLINE MARINE VIRUS ECOLOGY COMMUNITY TO INCREASE KNOWLEDGE SHARING AND ESTABLISH BEST PRACTICES IN METHODS AND APPROACHES.	545,313.
ABILITIES UNITED 525 EAST CHARLESTON ROAD PALO ALTO, CA 94306	N/A PC	IN SUPPORT OF THE AFTER SCHOOL/CAMPING PROGRAM.	25,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 1666 K STREET NW, SUITE 1100 WASHINGTON, DC 20006	N/A PC	IN SUPPORT OF ACADEMY HEALTH IN HOSTING THE NATIONAL HEALTH POLICY CONFERENCE TO BE HELD FROM JANUARY 30-31, 2017 IN WASHINGTON, DC.	10,000.
ACADEMY HEALTH 1666 K STREET NW, SUITE 1100 WASHINGTON, DC 20006	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
ALASKA FISHERIES DEVELOPMENT FOUNDATION, INC. PO BOX 2223 WRANGELL, AK 99929-2223	N/A PC	TO SUPPORT AN ORGANIZATIONAL EFFECTIVENESS PARTNERSHIP WITH UNITED FISHERMEN OF ALASKA.	45,000.
ALEX'S LEMONADE STAND FOUNDATION 111 PRESIDENTIAL BOULEVARD, SUITE 203 BALA CYNWYD, PA 19004	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
ALLIANCE FOR CLIMATE PROTECTION 750 9TH STREET, NW, SUITE 520 WASHINGTON, DC 20001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
ALLIANCE FOR JUSTICE 11 DUPONT CIRCLE NW, 2ND FLOOR WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
AMAZON CONSERVATION ASSOCIATION 1012 14TH STREET NW, SUITE 625 WASHINGTON, DC 20005	N/A PC	TO STRENGTHEN CITIZEN AND MEDIA UNDERSTANDING OF THE CURRENT CONTEXT AND NEW THREATS RELATED TO ILLEGAL AND INFORMAL GOLD MINING IN THE PERUVIAN AMAZON.	17,400.
AMAZON CONSERVATION ASSOCIATION 1012 14TH STREET NW, SUITE 625 WASHINGTON, DC 20005	N/A PC	TO HELP BUILD A FUNDING STREAM FOR CONSERVATION, RESEARCH AND EDUCATION AT ACA'S BIOLOGICAL STATIONS IN PERU THAT ALLOWS ACA TO REDUCE ITS DEPENDENCE ON GRANT FUNDING BY SCALING-UP THE NUMBER OF PEOPLE REACHED THROUGH CONSERVATION AND EDUCATION EFFORTS AND INCREASING EARNED INCOME.	25,000.
AMERICAN ACADEMY OF ARTS AND SCIENCES 136 IRVING STREET CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
AMERICAN ASSOCIATES OF THE STS FORUM 25 BROADWAY, 9TH FLOOR NEW YORK, NY 10004	N/A PC	TO PROVIDE SUPPORT FOR THE SCIENCE AND TECHNOLOGY IN SOCIETY FORUM.	35,000.
AMERICAN ASSOC. FOR THE ADVANCEMENT OF SCIENCE 1200 NEW YORK AVENUE NW WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF SCIENCE POLICY AND IN HONOR OF JOHN H. GIBBONS.	1,000.
AMERICAN SOCIETY FOR MICROBIOLOGY 1752 N STREET, NW WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF THE 6TH AMERICAN SOCIETY FOR MICROBIOLOGY CONFERENCE ON BENEFICIAL MICROBES TO BE HELD SEPTEMBER 9-12, 2016, IN SEATTLE, WA.	7,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
ANGELS ON STAGE 88 S THIRD STREET, SUITE 226 SAN JOSE, CA 95113	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
ARIZONA BOARD OF REGENTS SPONSORED PROJECTS SERVICES, PO BOX 3308 TUCSON, AZ 85722-3308	N/A GOV	IN SUPPORT OF PURCHASING A MINION DNA SEQUENCER.	10,000.
ARTS & BUSINESS COUNCIL OF GREATER BOSTON, INC. 15 CHANNEL CENTER STREET, SUITE 103 BOSTON, MA 02210	N/A PC	TO SUPPORT THE IG NOBEL PRIZE CEREMONY, WHICH RECOGNIZES 10 SCIENTISTS, PHYSICIANS, ECONOMISTS, OR WRITERS WHOSE WORK OR RESEARCH HAS RESULTED IN EXTRAORDINARY OUTCOMES.	6,000.
ASPEN CENTER FOR PHYSICS 700 WEST GILLESPIE ASPEN, CO 81611	N/A PC	IN SUPPORT OF THE ASPEN CONFERENCE "TOPOLOGICAL QUANTUM MATTER: PROGRESS AND APPLICATIONS," WHICH WILL ASSEMBLE EXPERTS FROM DIVERSE BACKGROUNDS TO (1) ADVANCE FORMAL UNDERSTANDING OF TOPOLOGICAL QUANTUM MATTER, (2) FURTHER BRIDGE THE DIVIDE BETWEEN THEORY AND EXPERIMENT, (3) CONFRONT EXISTING EXPERIMENTAL PUZZLES, AND (4) CHART A ROADMAP TOWARDS APPLICATIONS.	7,000.
ASPEN CENTER FOR PHYSICS 700 WEST GILLESPIE ASPEN, CO 81611	N/A PC	IN SUPPORT OF A WINTER CONFERENCE WHICH WILL FOCUS ON FUNDAMENTAL QUESTIONS, SUCH AS THE POSSIBILITY TO PRODUCE INTERESTING PHYSICAL SYSTEMS THROUGH EXTERNAL DRIVING, TO BE HELD JANUARY 15-21, 2017 IN ASPEN, CO.	8,000.
ASSOCIATION OF AMERICAN UNIVERSITIES 1200 NEW YORK AVENUE NW, SUITE 550 WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF THE GOLDEN GOOSE AWARD, A SERIES OF SCIENCE AWARDS AIMED AT DEMONSTRATING THE HUMAN AND ECONOMIC BENEFITS OF FEDERALLY FUNDED BASIC RESEARCH.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
BAY AREA CHILDREN'S ASSOCIATION 1175 SARATOGA AVENUE, SUITE #14 SAN JOSE, CA 95129	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
BAY AREA COUNCIL FOUNDATION 353 SACRAMENTO STREET, SUITE 1000 SAN FRANCISCO, CA 94111	N/A PC	IN SUPPORT OF A REPORT BY THE BAY AREA ECONOMIC INSTITUTE ENTITLED "THE ECONOMIC VALUE OF NATURAL CAPITAL: BALANCING THE VALUE OF OPEN SPACE /AND WORKING LANDS WITH THE DEMAND FOR HOUSING".	30,000.
BAY AREA DISCOVERY MUSEUM 557 MCREYNOLDS ROAD SAUSALITO, CA 94965	N/A PC	IN SUPPORT OF THE GRANDPARENT CIRCLE.	2,500.
BILL WILSON CENTER 3490 THE ALAMEDA SANTA CLARA, CA 95050	N/A PC	IN SUPPORT OF SERVICES FOR TEENS.	25,000.
BITTER ROOT LAND TRUST, INC. PO BOX 1806 HAMILTON, MT 59840	N/A PC	A MEMORIAL CONTRIBUTION IN SUPPORT OF GENERAL OPERATIONS.	1,000.
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN KELLNER HALL, 1440 MONROE STREET MADISON, WI 53711	N/A GOV	TO PROVIDE SUPPORT FOR THE SCHOLARSHIP ENDOWMENT.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN KELLNER HALL, 1440 MONROE STREET MADISON, WI 53711	N/A GOV	TO SUPPORT MEN'S BASKETBALL.	5,000.
BOARDSOURCE 750 9TH STREET NW, SUITE 650 WASHINGTON, DC 20001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50,000.
BREAKTHROUGH SILICON VALLEY 1635 PARK AVE SAN JOSE, CA 95126	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
BROOKHAVEN NATIONAL LABORATORY 2 CENTER STREET UPTON, NY 11973	N/A GOV	IN SUPPORT OF A FALL WORKSHOP TO BE HELD ON NOVEMBER 14-15, 2016, WITH THE PURPOSE TO BOOST DISCOVERY OF MATERIALS BY DEVELOPING ADVANCED COMPUTATIONAL TOOLS THAT CAN TACKLE STRONGLY CORRELATED MATERIALS.	3,000.
BUILDING FUTURES NOW PO BOX 1524 PALO ALTO, CA 94303	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
BULLIS-PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 W PORTOLA AVENUE, PO BOX 1642 LOS ALTOS, CA 94022	N/A PC	IN SUPPORT OF THE ANNUAL FUND.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	N/A PC	IN SUPPORT OF THE ANNUAL FUND.	3,000.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
CALIFORNIA ASSOCIATION FOR RESEARCH IN ASTRONOMY 65-1120 MAMALAHOA HIGHWAY KAMUELA, HI 96743	N/A PC	IN SUPPORT OF THE FOUR KECK OBSERVATORY'S STRATEGIC PLANNING MEETINGS, AIMING TO MAP OUT THE SCIENCE PLAN TO MAXIMIZE KECK'S COMPETITIVENESS OVER THE NEXT DECADE AND GIVE CLEAR DIRECTION TO ALL EMPLOYEES, PARTNERS, BOARD MEMBERS, AND SUPPORTERS ON THE PRIORITIES FOR THE ORGANIZATION.	8,000.
CALIFORNIA COUNCIL OF LAND TRUSTS 1029 J STREET, SUITE 120 SACRAMENTO, CA 95814	N/A PC	IN SUPPORT OF THE 2016 LAND CONSERVATION CONFERENCE	1,000.
CALIFORNIA COUNCIL ON SCIENCE AND TECHNOLOGY 1130 K STREET, SUITE 280 SACRAMENTO, CA 95814	N/A PC	IN SUPPORT OF CONVENING AND PLANNING FOR THE CALIFORNIA TEACHER ADVISORY COUNCIL.	50,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	40,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
CARLETON-WILLARD HOMES 100 OLD BILLERICA ROAD BEDFORD, MA 01730	N/A PC	A MEMORIAL CONTRIBUTION IN SUPPORT OF GENERAL OPERATIONS.	1,000.
CARLMONT HIGH SCHOOL 1400 ALAMEDA DE LAS PULGAS BELMONT, CA 94002	N/A GOV	IN SUPPORT OF THE CARLMONT CHOIR TEAM.	1,500.
CARNEGIE ENDOWMENT FOR INTERNATIONAL PEACE 1779 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
CARTHAGE COLLEGE 2001 ALFORD PARK DRIVE KENOSHA, WI 53140	N/A PC	IN SUPPORT OF A PROGRAM THAT ENGAGES COMMUNITY MEMBERS IN SCIENCE WHILE TRAINING UNDERGRADUATE STEM STUDENTS TO BECOME EFFECTIVE COMMUNICATORS OF SCIENCE AND TECHNOLOGY.	15,000.
CASTILLEJA SCHOOL FOUNDATION 1310 BRYANT STREET PALO ALTO, CA 94301	N/A PC	TO SUPPORT THE INNOVATION INVESTMENT FUND.	20,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
CATALINA HIGH SCHOOL FOUNDATION 3930 N. LARREA LANE TUCSON, AZ 85750	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
CENTER FOR EFFECTIVE PHILANTHROPY, INC. 675 MASSACHUSETTS AVENUE, 7TH FLOOR CAMBRIDGE, MA 02139	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50,000.
CENTRE FOR OCEAN LIFE, DTU AQUA, TECHNICAL UNIVERS JAEGBERG ALLE 1, 2920 CHARLOTTENLUND DENMARK	N/A GOV	IN SUPPORT OF THE 3RD INTERNATIONAL WORKSHOP ON TRAIT-BASED APPROACHES TO OCEAN LIFE, TO BE HELD AUGUST 20-23, 2017, IN BERGEN, NORWAY.	7,500.
CERES, INC. 99 CHAUNCY STREET, 6TH FLOOR BOSTON, MA 02111	N/A PC	TO SUPPORT THE DEVELOPMENT OF A CONSERVATION AND FINANCIAL MARKETS INITIATIVE CROSS-CUTTING COMMUNICATIONS WORK GROUP.	28,000.
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BOULEVARD OAKLAND, CA 94619	N/A SO I	IN SUPPORT OF GENERAL OPERATIONS.	50,000.
CHAMP FOUNDATION 2712 LITTLE ROGERS ROAD DURHAM, NC 27704	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
CHEETAH CONSERVATION FUND 200 DAINGERFIELD RD, SUITE 200 ALEXANDRIA, VA 22314	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,500.
CHILD ADVOCATES OF SILICON VALLEY, INC. 509 VALLEY WAY, BUILDING 2 MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
CHILDREN'S CREATIVITY MUSEUM 221 FOURTH STREET SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF THE BUILD-OUT AND INSTALLATION OF AN IMMERSIVE TECHNOLOGY EXPERIENCE THAT ALLOWS FOR REAL-TIME CREATION AND COLLABORATION USING DIGITAL TOOLS AND TECHNOLOGIES.	35,000.
CHILDREN'S DEFENSE FUND 25 E STREET NW WASHINGTON, DC 20001	N/A PC	A MEMORIAL CONTRIBUTION IN SUPPORT OF THE CRADLE TO PRISON PIPELINE CAMPAIGN.	1,000.
CHILDREN'S HEALTH COUNCIL, INC. 650 CLARK WAY PALO ALTO, CA 94304	N/A PC	IN SUPPORT OF THE COMMUNITY CLINIC.	25,000.
CHILDRENS HOSPITAL CORPORATION 300 LONGWOOD AVE BOSTON, MA 02115	N/A PC	IN SUPPORT OF THE SPRING 2017 SMART PLATFORM CONVENING.	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
CLIMATE INSTITUTE 1400 16TH STREET NW, SUITE 430 WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	15,000.
COMMONWEALTH CLUB OF CALIFORNIA 555 POST STREET SAN FRANCISCO, CA 94102	N/A PC	TO SUPPORT THE COMMONWEALTH CLUB'S END OF LIFE ISSUES SERIES FEATURING DR. LUCY KALANITHI.	5,000.
COMMUNITY INITIATIVES 354 PINE STREET, SUITE 700 SAN FRANCISCO, CA 94104	N/A PC	IN SUPPORT OF YOUTH SCIENCE PROGRAMMING AT THE MISSION SCIENCE WORKSHOP THAT SERVES SAN FRANCISCO YOUTH.	15,000.
CONFLUENCE PHILANTHROPY, INC. 475 RIVERSIDE DRIVE, SUITE 900 NEW YORK, NY 10115	N/A PC	TO SUPPORT STRATEGIC PLANNING FOR THE MISSION FISH WORKING GROUP AND WRAP-UP AND ENGAGEMENT OF OTHER FUNDERS AROUND ITS GULF OF MAINE GROUNDFISH, LOBSTER, AND AQUACULTURE FINANCING PROJECT.	15,000.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE, #500 ARLINGTON, VA 22202	N/A PC	TO SUPPORT GENERAL OPERATIONS.	5,000.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE, #500 ARLINGTON, VA 22202	N/A PC	TO PROVIDE SUPPORT FOR GENERAL OPERATIONS AND SOUTH AFRICA CONSERVATION.	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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, #500 ARLINGTON, VA 22202	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
CONSERVATION LAW FOUNDATION, INC. 62 SUMMER STREET BOSTON, MA 02110	N/A PC	IN SUPPORT OF SPITFIRE EXECUTIVE LEADERSHIP PROGRAM.	20,000.
CONSULTATIVE GROUP ON BIOLOGICAL DIVERSITY PRESIDIO BUILDING 1016, PO BOX 29361 SAN FRANCISCO, CA 94129-0361	N/A PC	TO SUPPORT THE CREATION AND IMPLEMENTATION OF A POOLED FUND TO RESPOND QUICKLY AND EFFECTIVELY TO THREATS TO THE SAFETY OF ENVIRONMENTAL DEFENDERS.	10,000.
CONSULTATIVE GROUP ON BIOLOGICAL DIVERSITY PRESIDIO BUILDING 1016, PO BOX 29361 SAN FRANCISCO, CA 94129-0361	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	65,000.
CORAL REEF ALLIANCE 1330 BROADWAY, SUITE 1602 OAKLAND, CA 94612	N/A PC	IN SUPPORT OF THE 13TH INTERNATIONAL CORAL REEF SYMPOSIUM TO BE HELD JUNE 19-24, 2016, IN HONOLULU, HI.	18,000.
CORAL REEF ALLIANCE 1330 BROADWAY, SUITE 1602 OAKLAND, CA 94612	N/A PC	IN SUPPORT OF BRINGING CORAL REEF OCEAN ACIDIFICATION MODEL OUTPUTS TO LIFE.	15,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
CORNELL UNIVERSITY 1300 YORK AVENUE, BOX 314 NEW YORK, NY 10065	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
COUNCIL ON FOUNDATIONS, INC. 2121 CRYSTAL DRIVE, SUITE 700 ARLINGTON, VA 22202	N/A PC	TO SUPPORT THE COUNCIL ON FOUNDATION'S ANNUAL CONFERENCE TO BE HELD IN FROM APRIL 23-26, 2017 IN DALLAX, TX. THESE FUNDS WILL SPECIFICALLY SUPPORT THE "GRANTMAKING INTO LATIN AMERICA - REGULATORY CHALLENGES, STRATEGIC PARTNERSHIPS, AND EMERGING OPPORTUNITIES" PRECONFERENCE SESSION.	50,000.
COUNCIL ON FOUNDATIONS, INC. 2121 CRYSTAL DRIVE, SUITE 700 ARLINGTON, VA 22202	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
COUNSELING AND SUPPORT SERVICES FOR YOUTH SOBRATO CENTER FOR NONPROFITS, 544 VALLEY WAY MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
EACH ONE REACH ONE 146 SOUTH SPRUCE SOUTH SAN FRANCISCO, CA 94080	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
EARTH INNOVATION INSTITUTE 3180 18TH STREET, SUITE 205 SAN FRANCISCO, CA 94110	N/A PC	TO SUPPORT CIVIL SOCIETY IN ENSURING TROPICAL FORESTS PLAY A ROLE IN CALIFORNIA'S CLIMATE CHANGE POLICY AND SIGNAL THE IMPORTANCE OF TROPICAL FORESTS IN MITIGATING GLOBAL CLIMATE IMPACTS.	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
EAST CONTRA COSTA COUNTY HOMELESS ANIMALS LIFELINE PO BOX 2011 ANTIOCH, CA 94531	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
EAST PALO ALTO TENNIS AND TUTORING PO BOX 60597 PALO ALTO, CA 94306	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
EDUCATIONAL FOUNDATION OF ORINDA 21 "C" ORINDA WAY, #123 ORINDA, CA 94563	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
ELDERGIVERS 236 WEST PORTAL AVE, SUITE 845 SAN FRANCISCO, CA 94127	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,500.
EMBRACE 1611 TELEGRAPH AVE. SUITE 1420 OAKLAND, CA 94612	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
ENVIRONMENTAL AND ENERGY STUDY INSTITUTE 1112 16TH STREET NW, SUITE 300 WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	15,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
ENVISION EXCELLENCE IN STEM EDUCATION 2108 LAMBERTON ROAD CLEVELAND HEIGHTS, OH 44118	N/A PC	IN SUPPORT OF THE STEM FUNDERS NETWORK.	10,000.
EQUAL MEASURE 1528 WALNUT STREET, SUITE 805 PHILADELPHIA, PA 19102	N/A PC	IN SUPPORT OF EQUAL MEASURE'S WORK ON 'BUILDING THE EVALUATION FIELD' IN PARTNERSHIP WITH HARDER+COMPANY COMMUNITY RESEARCH.	75,000.
FAMILIES USA FOUNDATION, INC. 1225 NEW YORK AVENUE NW, SUITE 800 WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF FAMILIES USA IN HOSTING THE HEALTH ACTION CONFERENCE TO BE HELD FROM FEBRUARY 16-18, 2017 IN WASHINGTON, DC.	10,000.
FEDERATION OF AMERICAN SCIENTISTS 1725 DE SALES STREET NW, 6TH FLOOR WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	15,000.
FEEDING AMERICA 1150 18TH STREET, NW, SUITE 200 WASHINGTON DC, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
FIDELITY INVESTMENTS CHARITABLE GIFT FUND 100 CROSBY PARKWAY, MAIL ZONE KC1D-FCS COVINGTON, KY 41015-9325	N/A PC	TO SUPPORT A DONOR ADVISED FUND, REQUESTED BY EMPLOYEE OR BOARD MEMBERS AS PART OF MATCHING GIFT OR SERVICE RECOGNITION PROGRAMS.	100,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
FLORIDA LEADERSHIP AND EDUCATION FOUNDATION, INC. PO BOX 110750 (BLDG 639, MOWRY RD) GAINESVILLE, FL 32611-0750	N/A PC	IN SUPPORT OF A COMMUNITY ON ECOSYSTEM SERVICES 2016 CONFERENCE FOCUSING ON LINKING SCIENCE, PRACTICE, AND SUSTAINABLE DECISION-MAKING BY BRINGING TOGETHER THE U.S. AND INTERNATIONAL ECOSYSTEM SERVICES COMMUNITY TO BE HELD ON DECEMBER 5-9, 2016 IN JACKSONVILLE, FL.	10,000.
FORCE11 3026 AWARD ROW SAN DIEGO, CA 92122	N/A PC	IN SUPPORT OF THE DEVELOPMENT AND IMPROVEMENT OF THE OPEN JOURNAL OF ASTROPHYSICS, A PEER-REVIEWED, OPEN-ACCESS JOURNAL FOR RESEARCH IN ASTROPHYSICS AND COSMOLOGY. FUNDS WILL BE USED TO TURN THE ONLINE PLATFORM FROM A BETA-PRODUCT INTO A STABLE, SCALABLE TOOL FOR HANDLING SUBMISSIONS.	35,000.
FOUNDATION CENTER 32 OLD SLIP, 24TH FLOOR NEW YORK, NY 10005-3500	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50,000.
FOUNDATIONS OF SUCCESS, INC. 4109 MARYLAND AVENUE BETHESDA, MD 20816	N/A PC	TO SUPPORT THE CONSERVATION MEASURES PARTNERSHIP.	2,500.
FRESH LIFELINES FOR YOUTH, INC. SOBRATO CENTER FOR NONPROFITS, 568 VALLEY WAY MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
FRIENDSHIP PUBLIC LIBRARY PO BOX 39 FRIENDSHIP, ME 04547	N/A GOV	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
GENETICS SOCIETY OF AMERICA INCORPORATED 9650 ROCKVILLE PIKE BETHESDA, MD 20814	N/A PC	IN SUPPORT OF THE ALLIED GENETICS CONFERENCE TO BE HELD ON JULY 13 - 17 IN ORLANDO, FL.	20,000.
GEORGIA TECH RESEARCH CORPORATION 505 TENTH STREET, SUITE 300 ATLANTA, GA 30332	N/A SO III FI	TO SUPPORT THE RESEARCH OF MARK STYCZYNSKI.	25,000.
GIRLS TO WOMEN PO BOX 50368 EAST PALO ALTO, CA 94303	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
GOLDEN GATE NATIONAL PARKS CONSERVANCY BUILDING 201, FORT MASON SAN FRANCISCO, CA 94123	N/A PC	IN SUPPORT OF THE ONE TAM INITIATIVE.	5,000.
GRANTMAKERS FOR EFFECTIVE ORGANIZATIONS 1725 DESALES STREET, SUITE 404 WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	18,000.
GRANTMAKERS IN AGING, INC. 2001 JEFFERSON DAVIS HIGHWAY, SUITE 504 ARLINGTON, VA 22202	N/A PC	TO SUPPORT THE 2016 GRANTMAKERS IN AGING CONFERENCE TO BE HELD OCTOBER 26-28, 2016 IN PORTLAND, OR.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
GRANTMAKERS IN AGING, INC. 2001 JEFFERSON DAVIS HIGHWAY, SUITE 504 ARLINGTON, VA 22202	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	7,500.
GRANTMAKERS IN HEALTH 1100 CONNECTICUT AVENUE NW, SUITE 1200 WASHINGTON, DC 20036	N/A PC	TO SUPPORT THE 2016 GIH ANNUAL CONFERENCE ON HEALTH PHILANTHROPY TO BE HELD MARCH 9 - 11, 2016 IN SAN DIEGO, CA.	5,000.
GRANTMAKERS IN HEALTH 1100 CONNECTICUT AVENUE NW, SUITE 1200 WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	6,325.
GRANTS MANAGERS NETWORK, INC. 1666 K STREET, NW, SUITE 440 WASHINGTON, DC 20006	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
GUIDESTAR USA INC. 4801 COURTHOUSE STREET, SUITE 220 WILLIAMSBURG, VA 23188	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	35,000.
GUJRI FOUNDATION PO BOX 1028 VACAVILLE, CA 95696	N/A PC	A MEMORIAL CONTRIBUTION IN SUPPORT OF THE LANGAR SEVA FUND.	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
GUNDERSEN LUTHERAN MEDICAL FOUNDATION, INC. 1836 SOUTH AVENUE LA CROSSE, WI 54601	N/A PC	TO SUPPORT THE NATIONAL SHARE THE EXPERIENCE SUMMIT HOSTED BY RESPECTING CHOICES.	25,000.
HAND OF THE PENINSULA PO BOX 3693 REDWOOD CITY, CA 94064	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
HDF GROUP 1800 S OAK STREET SUITE 203 CHAMPAIGN, IL 61820	N/A PC	IN SUPPORT OF THE ANNUAL SCIPY CONFERENCE, WHICH BRINGS TOGETHER PARTICIPANTS FROM INDUSTRY, ACADEMIA, AND GOVERNMENT TO SHOWCASE THEIR LATEST PROJECTS, LEARN FROM SKILLED USERS AND DEVELOPERS, AND COLLABORATE ON CODE DEVELOPMENT.	12,000.
HOMELESS PRENATAL PROGRAM, INC. 2500 18TH STREET SAN FRANCISCO, CA 94110	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
HOSPICE CARE OF RHODE ISLAND 1085 NORTH MAIN STREET PROVIDENCE, RI 02904	N/A PC	A MEMORIAL CONTRIBUTION IN SUPPORT OF GENERAL OPERATIONS.	1,000.
HOSPITAL QUALITY INSTITUTE 1215 K STREET, SUITE 800 SACRAMENTO, CA 95814	N/A PC	TO SUPPORT THE 2016 HOSPITAL QUALITY INSTITUTE CONFERENCE TO BE HELD NOVEMBER 2-4, 2016 IN SAN DIEGO, CA.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI ONE GUSTAVE L. LEVY PLACE, BOX 1070 NEW YORK, NY 10029-6574	N/A PC	IN SUPPORT OF THE KATHLEEN M. FOLEY PALLIATIVE CARE RETREAT AND RESEARCH SYMPOSIUM TO BE HELD OCTOBER 25 - 27, 2016 IN QUEBEC, CANADA.	75,000.
IEPE - INSTITUTO DE PESQUISA E FORMACAO INDIGENA RUA PROFESSOR MONJARDINO, 19 - VILA SAO PAULO SP BRAZIL CEP 05625-160	N/A PC	TO SUPPORT A WORKSHOP TO DISCUSS THE CONCEPT OF PROTECTED AREA MOSAICS AND TO PROPOSE GENERAL GUIDELINES FOR THE RECOGNITION AND IMPLEMENTATION OF MOSAICS OF PROTECTED AREAS, IN ORDER TO INCREASE THE SUCCESS OF NATURE CONSERVATION AND SUSTAINABLE DEVELOPMENT.	20,000.
INDEPENDENT SECTOR 1602 L STREET, NW, SUITE 900 WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
INTERNATIONAL FUNDERS FOR INDIGENOUS PEOPLES PO BOX 29184 SAN FRANCISCO, CA 94129	N/A PC	IN SUPPORT OF THE COSTS OF TRAVEL TO ATTEND THE INDIGENOUS FUNDERS CONFERENCE TO BE HELD ON OCTOBER 25, 2017 IN LIMA, PERU, AND FOR THE INTERNATIONAL LOGISTICS IN SUPPORT OF THIS MEETING.	15,000.
INTERNATIONAL SOCIETY OF PROTISTOLOGISTS 41 PARK ROW NEW YORK, NY 10038	N/A PC	IN SUPPORT OF THE 15TH INTERNATIONAL CONGRESS OF PROTISTOLOGY TO BE HELD FROM JULY 30 TO AUGUST 4, 2017 IN PRAGUE, CZECH REPUBLIC.	10,000.
INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND 28 RUE MAUVERNEY GLAND VAUD SWITZERLAND 1196	N/A GOV	IN SUPPORT OF PARTICIPATION IN THE WORLD CONSERVATION CONGRESS PANEL ON OCEAN PLANNING.	5,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND 28 RUE MAUVERNEY GLAND VAUD SWITZERLAND 1196	N/A GOV	IN SUPPORT OF APPROXIMATELY 10 DELEGATES TRAVELING TO AND PARTICIPATING IN THE 2016 IUCN WORLD CONSERVATION CONGRESS, TO ENSURE DIVERSE WORLDWIDE REPRESENTATION IS ACHIEVED AT THE CONGRESS.	50,000.
INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND 28 RUE MAUVERNEY GLAND VAUD SWITZERLAND 1196	N/A GOV	IN SUPPORT OF COORDINATION OF ACTIVITIES WITH INDIGENOUS PARTICIPANTS FROM THE AMAZON REGION AT IUCN'S 2016 WORLD CONGRESS BEING HELD SEPTEMBER 1-10, 2016.	25,000.
IOWA STATE UNIVERSITY FOUNDATION 2505 UNIVERSITY BLVD AMES, IA 50010	N/A PC	TO SUPPORT THE RESEARCH OF JONATHAN CLAUSSEN.	25,000.
JEWISH FAMILY & COMMUNITY SERVICES OF THE EAST BAY 2484 SHATTUCK AVENUE, SUITE 210 BERKELEY, CA 94704	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
JOHNS HOPKINS UNIVERSITY 3400 N. CHARLES STREET BALTIMORE, MD 21218	N/A PC	IN SUPPORT OF THE 12TH ANNUAL IEEE ESCIENCE CONFERENCE TO BE HELD ON OCTOBE 23-37, 2016 IN BALTIMORE, MD, WHICH SEEKS TO PROMOTE INNOVATION IN COLLABORATIVE, COMPUTATIONALLY- OR DATA-INTENSIVE RESEARCH ACROSS ALL DISCIPLINES, THROUGHOUT THE RESEARCH LIFECYCLE.	15,000.
JOHNS HOPKINS UNIVERSITY 3701 SAN MARTIN DRIVE BALTIMORE, MD 21218	N/A PC	IN SUPPORT OF A WORKSHOP AIMING TO DEVELOP COLLABORATIONS BETWEEN JAPANESE AND NORTH AMERICAN SCIENTISTS WHO SHARE AN INTEREST IN DEEPENING UNDERSTANDING OF TRANSPORT IN QUANTUM MATERIALS WITH MULTIPOLAR OR TOPOLOGICAL CHARACTER.	8,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
LAND EMPOWERMENT ANIMALS PEOPLE 3378 REVERE AVE OAKLAND, CA 94605-5840	N/A PC	IN SUPPORT OF THE PALM OIL INITIATIVE IN BORNEO.	40,000.
LAW FOUNDATION OF SILICON VALLEY 152 NORTH THIRD STREET, 3RD FLOOR SAN JOSE, CA 95112	N/A PC	IN SUPPORT OF THE LEGAL ADVOCATES FOR CHILDREN & YOUTH PROGRAM.	25,000.
LIAHONA MOTU FOUNDATION 2575 EAST BAYSHORE REDWOOD CITY, CA 94061	N/A PC	IN SUPPORT OF THE ACADEMIC PERFORMANCE PROGRAM.	100.
LINDSAY WILDLIFE MUSEUM 1931 FIRST AVENUE WALNUT CREEK, CA 94597	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
LONG NOW FOUNDATION BUILDING A, FORT MASON CENTER SAN FRANCISCO, CA 94123	N/A PC	TO COVER THE COST FOR 3-4 NEW SCIENTIFIC SPEAKERS FOR THE MONTHLY "LONG-TERM THINKING" SEMINAR SERIES HOSTED BY STEWART BRAND.	6,000.
LOWN INSTITUTE, INC. 21 LONGWOOD AVENUE BROOKLINE, MA 02446	N/A PC	IN SUPPORT OF THE 2017 LOWN INSTITUTE ANNUAL CONFERENCE: BEYOND THE BOTTOM LINE, FORGING THE PATH TO RIGHT CARE, TO BE HELD ON MAY 5-7, 2016 IN BOSTON, MA.	15,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
LOWN INSTITUTE, INC. 21 LONGWOOD AVENUE BROOKLINE, MA 02446	N/A PC	TO SUPPORT THE 2016 LOWN INSTITUTE ANNUAL CONFERENCE TO BE HELD APRIL 15-17, 2016 IN CHICAGO, IL.	10,000.
LUCILE PACKARD FOUNDATION FOR CHILDREN 400 HAMILTON AVENUE, SUITE 340 PALO ALTO, CA 94301	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
MANIILAQ ASSOCIATION PO BOX 256 KOTZEBUE, AK 99752	N/A PC	TO SUPPORT THE SELAWIK CULTURAL CAMP.	1,000.
MARINE MAMMAL CENTER 2000 BUNKER ROAD, FORT CRONKHITE SAUSALITO, CA 94965	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02139-4307	N/A PC	IN SUPPORT OF THE 2016 JULIACON MEETING TO BE HELD ON JUNE 21-25 IN CAMBRIDGE, MA, WHICH GATHERS DATA-DRIVEN RESEARCHERS WITHIN THE JULIA COMMUNITY FOR TALKS, WORKSHOPS, AND NETWORKING.	15,000.
MATHEMATICAL SCIENCES RESEARCH 17 GAUSS WAY BERKELEY, CA 94720	N/A PC	TO SUPPORT THE NATIONAL MATH FESTIVAL WHICH SERVES THE PURPOSE TO INCREASE THE PUBLIC'S APPRECIATION FOR MATHEMATICS, MAKE MORE ACCESSIBLE KEY MATHEMATICAL IDEAS AND ISSUES, BRING CLARITY TO PUBLIC DEBATE ABOUT CURRENT ISSUES IN MATHEMATICS EDUCATION, AND TO FEATURE CRITICAL APPLICATIONS OF BASIC SCIENCE.	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
MAX PLANCK SOCIETY AUGUST-THIENEMANN-STR. 2 PLON GERMANY 24306	N/A PC	IN SUPPORT OF THE DYNATRAIT MEETING, TO BE HELD OCTOBER 9-13, 2017, IN STEPHANSSTIFT HANNOVER, GERMANY.	7,500.
MEDIA IMPACT FUNDERS, INC. 200 WEST WASHINGTON SQUARE, SUITE 220 PHILADELPHIA, PA 19106	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	7,500.
MENLO PARK-ATHERTON EDUCATION FOUNDATION 181 ENCINAL AVENUE ATHERTON, CA 94027	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
MISSION INVESTORS EXCHANGE, INC. 107 SPRING STREET SEATTLE, WA 98104	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	3,000.
MISSION INVESTORS EXCHANGE, INC. 107 SPRING STREET SEATTLE, WA 98104	N/A PC	TO SUPPORT THE CONSERVATION AND CLIMATE WORKING GROUP, CONSISTING OF LEADING FOUNDATIONS FOCUSED ON CONSERVATION FINANCE.	24,000.
MONGABAYORG CORPORATION 37 W. SUMMIT DRIVE EMERALD HILLS, CA 94062	N/A PC	TO SCALE UP MONGABAY-LATAM TO BUILD A CONTRIBUTOR NETWORK IN THE ANDES-AMAZON REGION AND PRODUCE DOZENS OF STORIES IN ENGLISH AND SPANISH ABOUT ISSUES RELATED TO PROTECTED AREAS, FORESTS, LAND USE, MANAGEMENT, AND INDIGENOUS LANDS IN PERU, ECUADOR, COLOMBIA, AND BOLIVIA.	45,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
MONTEREY BAY AQUARIUM FOUNDATION 886 CANNERY ROW MONTEREY, CA 93940	N/A PC	IN SUPPORT OF CO-CHAIR SPONSORSHIP OF THE DAVID PACKARD AWARD DINNER ON MAY 14, 2016.	99,266.
NATIONAL ACADEMY OF ENGINEERING FUND 2101 CONSTITUTION AVENUE, NW WASHINGTON, DC 20418	N/A SO I	IN SUPPORT OF THE NAE ANNUAL FUND.	20,000.
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, K654 WASHINGTON, DC 20001	N/A PC	TO SUPPORT THE BOARD ON LIFE SCIENCES' THIRD CONVENING ON MICROBIOMES OF THE BUILT ENVIRONMENT.	25,000.
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, K654 WASHINGTON, DC 20001	N/A PC	IN SUPPORT OF THE RALPH J. AND CAROL M. CICERONE ENDOWMENT FOR THE NATIONAL ACADEMY OF SCIENCE.	50,000.
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, K654 WASHINGTON, DC 20001	N/A PC	IN SUPPORT OF THE RALPH J. AND CAROL M. CICERONE ENDOWMENT FOR THE NATIONAL ACADEMY OF SCIENCE.	50,000.
NATIONAL ASSOCIATION OF ACADEMIES OF SCIENCE 2224 204TH AVENUE DONNELLSON, IA 52625	N/A PC	IN SUPPORT OF A PROGRAM THAT ENABLES PRE-COLLEGE RESEARCHERS TO PARTICIPATE IN THE AMERICAN JUNIOR ACADEMY OF SCIENCE PROGRAM AT THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE MEETINGS IN FEBRUARY 2017 IN BOSTON, MA.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 CENTER FOR EQUINE FACILITATED THERAPY 880 RUNNYMEDE ROAD WOODSIDE, CA 94062	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
NATIONAL CENTER FOR FAMILY PHILANTHROPY 1667 K STREET, NW, SUITE 550 WASHINGTON, DC 20006	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
NATIONAL CENTER FOR HEALTHCARE LEADERSHIP 1700 W. VAN BUREN STREET, SUITE 126B CHICAGO, IL 60612	N/A PC	IN SUPPORT OF THE 2016 GAIL WARDEN LEADERSHIP AWARD AT THE NATIONAL CENTER FOR HEALTHCARE LEADERSHIP.	25,000.
NATIONAL CENTER FOR RESEARCH IN ADVANCED INFORMATI 1001 CONNECTICUT AVENUE NW, SUITE 830 WASHINGTON, DC 20036	N/A PC	TO SUPPORT COLLABORATION, INCLUDING COSTS FOR A MAKING AND EDUCATION MEETING.	5,000.
NATIONAL COMMITTEE FOR RESPONSIVE PHILANTHROPY 1900 L STREET NW, SUITE 825 WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
NATIONAL MARINE SANCTUARY FOUNDATION 8601 GEORGIA AVENUE, SUITE 510 SILVER SPRING, MD 20910	N/A PC	IN SUPPORT OF OCEANS WEEK, AN ANNUAL EVENT HIGHLIGHTING THE IMPORTANCE OF OCEANS TO THE UNITED STATES.	20,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 QUALITY FORUM 1030 15TH STREET NW, SUITE 800 WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF NATIONAL QUALITY FORUM ANNUAL CONFERENCE 2017: ACCELERATING THE NATIONAL AGENDA, TO BE HELD ON APRIL 4-5, 2017 IN PENTAGON CITY, VA.	10,000.
NEW HEIGHTS YOUTH, INC. 2472 BROADWAY, PMB 112 NEW YORK, NY 10025	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
NEW VENTURE FUND 1201 CONNECTICUT AVENUE NW, SUITE 300 WASHINGTON, DC 20036	N/A PC	TO PROVIDE 2016 ANNUAL MEMBER SUPPORT FOR THE GLOBAL ALLIANCE FOR THE FUTURE OF FOOD PROJECT.	100,000.
NEW YORK ACADEMY OF MEDICINE 1216 FIFTH AVENUE NEW YORK, NY 10029	N/A PC	TO SUPPORT THE 13TH INTERNATIONAL CONFERENCE ON URBAN HEALTH TO BE HELD APRIL 1-4, 2016 IN SAN FRANCISCO, CA.	35,000.
NEW YORK HALL OF SCIENCE 47-01 111TH STREET CORONA, NY 11368	N/A PC	IN SUPPORT OF CONVENINGS FOR STEM LEARNING WITH A FOCUS ON COMPUTATIONAL REASONING.	25,000.
NEW YORK UNIVERSITY 4 WASHINGTON PLACE NEW YORK, NY 10003	N/A PC	IN SUPPORT OF THE NYU CENTER FOR QUANTUM PHENOMENA INTERNATIONAL SYMPOSIUM BEING HELD ON JUNE 5, 2017 THAT WILL BRING TOGETHER A DIVERSE ARRAY OF ACADEMIC, FOUNDATION, AND INDUSTRY LEADERS, WITH THE AIM OF FOSTERING COLLABORATIONS AND ADVANCING KNOWLEDGE AND DISCOVERY IN THE FIELD OF EMERGENT QUANTUM PHENOMENA IN MATERIALS.	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 CALIFORNIA GRANTMAKERS 160 SPEAR STREET, SUITE 360 SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	17,500.
NUMFOCUS, INC. PO BOX 90596 AUSTIN, TX 78709	N/A PC	IN SUPPORT OF A COMMUNITY DRIVEN CONFERENCE TO INFORM AND DEVELOP BEST PRACTICES IN DATA-DRIVEN RESEARCH TO BE HELD ON MAY 3-4, 2016 IN BERLIN, GERMANY.	32,500.
NUMFOCUS, INC. PO BOX 90596 AUSTIN, TX 78709	N/A PC	IN SUPPORT OF A DATA CARPENTRY WORKSHOP IN JUNE 2016 AT RECINTO UNIVERSITARIO DE MAYAGUEZ.	1,760.
NUMFOCUS, INC. PO BOX 90596 AUSTIN, TX 78709	N/A PC	IN SUPPORT OF NTERACT, AN OPEN-SOURCE, DESKTOP-BASED APPLICATION FOR WRITING AND READING INTERACTIVE NOTEBOOK DOCUMENTS.	27,740.
OCEAN AWARENESS PROJECT, INC. 1530 P STREET NW WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF THE 2016 PETER BENCHLEY OCEAN AWARDS.	15,000.
OCEAN CONSERVANCY, INC. 1300 19TH STREET NW, 8TH FLOOR WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF SUSTAINABLE FISHERIES.	500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 CONSERVANCY, INC. 1300 19TH STREET NW, 8TH FLOOR WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	60,000.
OCEAN FOUNDATION 1990 M STREET NW, SUITE 250 WASHINGTON, DC 20036	N/A PC	TO CONTRIBUTE TO COMPLETION OF A SECOND PHASE OF RESEARCH ON WILDERNESS MARKETS' PROJECT DEVELOPING A SUSTAINABLE SEAFOOD VALUE CHAIN IN CALIFORNIA, SPECIFICALLY IMPLEMENTING MARKET RESEARCH AND COMMUNICATING RESULTS.	20,000.
OCEANOGRAPHY SOCIETY PO BOX 1931 ROCKVILLE, MD 20849	N/A PC	IN SUPPORT OF THE OCEAN OPTICS XXIII CONFERENCE TO BE HELD OCTOBER 23-28, 2016, IN VICTORIA, BRITISH COLUMBIA.	5,000.
ODD FELLOW-REBEKAH CHILDRENS HOME OF CALIFORNIA 290 IOOF AVENUE GILROY, CA 95020	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
OHIO STATE UNIVERSITY FOUNDATION 1480 W. LANE AVENUE COLUMBUS, OH 43221	N/A PC	IN SUPPORT OF THE ENVIRONMENTAL VIROLOGY WORKSHOP TO BE HELD FROM MAY - JUNE 2017.	20,000.
ONE HEALTH PLATFORM FOUNDATION ZEVENSTERSTRAAT 1 LAARNE BELGIUM 9270	N/A PC	TO PROVIDE GENERAL SUPPORT TO THE ONE HEALTH PLATFORM SUPPORTING PARTNERS ACTION GROUP.	35,575.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
PARAPROFESSIONAL HEALTHCARE INSTITUTE, INC. 400 EAST FORDHAM ROAD, 11TH FLOOR BRONX, NY 10458	N/A PC	IN SUPPORT OF FURTHERING WORK ON STRENGTHENING ELDERCARE THROUGH A ROBUST DIRECT CARE WORKFORCE.	50,000.
PARTNERSHIP FOR PUBLIC SERVICE 1100 NEW YORK AVENUE NW, SUITE 200 EAST WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF A WHITE HOUSE OFFICE OF SCIENCE AND TECHNOLOGY POLICY FELLOW WHO WILL FOCUS ON BUILDING RELATIONSHIPS AMONG THE SCIENCE, INFORMAL SCIENCE EDUCATION, AND MAKER COMMUNITIES TO HELP ADVANCE THE OFFICE'S NATIONAL GOALS FOR SCIENCE AND SCIENCE LEARNING.	16,871.
PAWS HELPING PEOPLE, INC. PO BOX 441 SOQUEL, CA 95073	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
PENINSULA HUMANE SOCIETY & SPCA 1450 ROLLINS ROAD BURLINGAME, CA 94010	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,500.
PIE RANCH 2080 CABRILLO HWY PESCADERO, CA 94060	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
PINE UNITED METHODIST CHURCH 426 33RD AVENUE SAN FRANCISCO, CA 94121	N/A PC	IN SUPPORT OF BSA TROOP 12.	1,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
PLANETWORK NGO, INC. 29 GROVE STREET, SUITE 517 SAN FRANCISCO, CA 94102	N/A PC	IN SUPPORT OF A MEETING OF EXPERTS TO DEVELOP A COHERENT AND COORDINATED AGENDA TO ADVANCE SURVIVAL OF HONEYBEE COLONIES, BEEKEEPING, AND WILD BEES AT THE BEE AUDACIOUS CONFERENCE TO BE HELD ON DECEMBER 11-13, 2016 IN NORTHERN CALIFORNIA.	30,000.
PLANNED PARENTHOOD OF GREATER TEXAS 7424 GREENVILLE AVENUE, SUITE 206 DALLAS, TX 75231	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 17 OXFORD STREET CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF GRADUATE STUDENT PARTICIPATION AT THE JERUSALEM WINTER SCHOOL FROM DECEMBER 27, 2016 - JANUARY 5, 2017, WHERE THEY WILL EXPLORE THE MANY NEW CONCEPTS AND METHODS WHICH HAVE BEEN DEVELOPED IN QUANTUM MATERIALS IN RECENT YEARS.	10,000.
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 60 GARDEN STREET CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF A CONFERENCE AND CELEBRATION TO INAUGURATE HARVARD UNIVERSITY'S NEW BLACK HOLE CENTER, WHICH WILL ENABLE NEW STUDIES OF BLACK HOLES.	35,000.
RAINFOREST ALLIANCE 233 BROADWAY, 28TH FLOOR NEW YORK, NY 10279	N/A PC	TO SUPPORT THE RAINFOREST ALLIANCE'S CONVENING OF SUPPLY CHAIN INTEGRITY: ACCOUNTABILITY FRAMEWORK TO ENSURE RESPONSIBLE BUSINESS PRACTICES THAT BENEFIT FORESTS AND PEOPLE.	50,000.
RAPHAEL HOUSE OF SAN FRANCISCO, INC. 1065 SUTTER STREET SAN FRANCISCO, CA 94109	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
REBUILDING TOGETHER PENINSULA 841 KAYNYNE STREET REDWOOD CITY, CA 94063	N/A PC	A MEMORIAL CONTRIBUTION IN SUPPORT OF GENERAL OPERATIONS.	1,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA OLD DAVIS ROAD DAVIS, CA 95616	N/A GOV	TO BE HELD AS FUNDS FOR A FUNCTIONING ENDOWMENT OR USED AS THE DIRECTOR, IN HER DISCRETION, DETERMINES WILL BE BEST USED BY HER IN CARRYING OUT HER RESPONSIBILITIES.	25,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 521 CHEADLE HALL SANTA BARBARA, CA 93106	N/A GOV	TO SUPPORT THE RESEARCH OF MICHELLE O'MALLEY.	25,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 366 LECONTE HALL, MC 7300 BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF A WORKSHOP FOCUSED ON DEFINING THE SCIENTIFIC NEED AND IMPLEMENTATION STRATEGY FOR SCALED-UP EXPERIMENTS ON THE COSMIC MICROWAVE BACKGROUND.	16,530.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 101 ZELLERBACH HALL, #4800 BERKELEY, CA 94720-4800	N/A GOV	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	N/A GOV	TO SUPPORT THE PEACE CORPS FELLOWSHIP.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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	N/A GOV	IN SUPPORT OF THE ROSINA M. BIERBAUM AWARD IN CLIMATE ADAPTATION AND MITIGATION.	15,000.
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	N/A GOV	TO PROVIDE GENERAL SUPPORT FOR PHD STUDENTS.	10,000.
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	N/A GOV	TO SUPPORT THE DEAN'S ENGINEERING SUSTAINABLE SYSTEMS FELLOWSHIP.	10,000.
REGENTS OF THE UNIVERSITY OF MINNESOTA 116 CHURCH STREET SE MINNEAPOLIS, MN 55455	N/A GOV	IN SUPPORT OF THE 2016 LEES CONFERENCE, WHICH WILL PROVIDE A FORUM FOR INTERDISCIPLINARY DISCUSSION OF THE LOW-ENERGY ELECTRODYNAMICS IN SOLIDS.	10,000.
RENSSELAER POLYTECHNIC INSTITUTE 110 8TH STREET TROY, NY 12180-3590	N/A PC	IN SUPPORT OF AN EVENT TO BRING TOGETHER DATA RESEARCHERS AND PROFESSIONALS TO BE HELD ON SEPTEMBER 11-17, 2016 IN DENVER, CO TO DISCUSS HOW BEST TO IMPROVE SCIENCE AND SOCIETY THROUGH DATA-DRIVEN DISCOVERY AND INNOVATION.	30,000.
RIEKES CENTER FOR HUMAN ENHANCEMENT 3455 EDISON WAY MENLO PARK, CA 94025	N/A PC	TO SUPPORT THE SCHOLARSHIP FUNDRAISER.	20,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
ROSS SCHOOL FOUNDATION PO BOX 582 ROSS, CA 94957	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,500.
ROSS VALLEY NURSERY SCHOOL 689 SIR FRANCIS DRAKE BOULEVARD KENTFIELD, CA 94904	N/A PC	A MEMORIAL CONTRIBUTION IN SUPPORT OF GENERAL OPERATIONS.	1,000.
ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING 21111 LAKESHORE ROAD STE. ANNE DE BELLEVUE QUEBEC CANADA H9X 3V9	N/A PC	IN SUPPORT OF THE 16TH INTERNATIONAL SYMPOSIUM ON MICROBIAL ECOLOGY, TO BE HELD AUGUST 21-26, 2016, IN MONTREAL, CANADA.	20,000.
RUTGERS THE STATE UNIVERSITY OF NEW JERSEY 136 FRELINGHUYSEN ROAD PISCATAWAY, NJ 08854	N/A GOV	IN SUPPORT OF A GRAND CHALLENGES AND OPPORTUNITIES WORKSHOP THAT WILL FOCUS ON CUTTING EDGE TECHNIQUES IN MATERIALS SYNTHESIS, LIMITATIONS OF CURRENT SYNTHESIS EFFORTS, AND STRATEGIES FOR OVERCOMING CHALLENGES IN THE FIELD.	35,000.
SAN FRANCISCO COMMUNITY CLINIC CONSORTIUM 2720 TAYLOR STREET, SUITE 430 SAN FRANCISCO, CA 94133	N/A PC	IN SUPPORT OF THE VET SOS PROGRAM.	500.
SAN FRANCISCO MUSEUM OF MODERN ART 151 THIRD STREET SAN FRANCISCO, CA 94103-3159	N/A PC	TO SUPPORT THE CAMPAIGN TO TRANSFORM THE SAN FRANCISCO MUSEUM OF MODERN ART.	22,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 MUSEUM OF MODERN ART 151 THIRD STREET SAN FRANCISCO, CA 94103-3159	N/A PC	TO SUPPORT THE DIRECTOR'S CIRCLE AND COLLECTOR'S FORUM.	19,000.
SAN FRANCISCO SOCIETY FOR THE PREVENTION OF CRUELTY 201 ALABAMA STREET SAN FRANCISCO, CA 94103-4217	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,500.
SANCTUARY FOREST INC. PO BOX 166 WHITETHORN, CA 95589	N/A PC	A MEMORIAL CONTRIBUTION IN SUPPORT OF GENERAL OPERATIONS.	1,000.
SCIENTIFIC COMMITTEE ON OCEANIC RESEARCH 222 S. CHAPEL STREET, 111 ROBINSON HALL NEWARK, DE 19716	N/A PC	IN SUPPORT OF THE 2016 RAMON MARGALEF SUMMER COLLOQUIUM TO BE HELD ON JULY 10-15, 2016 IN BARCELONA, SPAIN.	5,000.
SECOND HARVEST FOOD BANK OF SANTA CLARA AND SAN MA 750 CURTNER AVENUE SAN JOSE, CA 95125-2118	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
SEMPERVIRENS FUND 419 SOUTH SAN ANTONIO ROAD, SUITE 211 LOS ALTOS, CA 94022-3640	N/A PC	A MEMORIAL CONTRIBUTION IN SUPPORT OF GENERAL OPERATIONS.	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
SILICON VALLEY CHILDREN'S FUND 75 E. SANTA CLARA STREET, SUITE 1450 SAN JOSE, CA 95113	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
SILICON VALLEY SHAKESPEARE 240 N. SECOND STREET SAN JOSE, CA 95112	N/A PC	IN SUPPORT OF GENERAL OPERATIONS	1,000.
SILICON VALLEY URBAN DEBATE LEAGUE SOBRATO CENTER FOR NONPROFITS, 502 VALLEY WAY MILPITAS, CA 94301	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
SKEENA WILD CONSERVATION TRUST 4444 LAKELSE AVENUE TERRACE BC CANADA V8G 1P2	N/A PC	TO SUPPORT FIRST NATIONS WITH WILD SALMON CONSERVATION COMMUNICATION IN BRITISH COLUMBIA.	20,000.
SOCIETY FOR CONSERVATION BIOLOGY 1017 O STREET, NW WASHINGTON, DC 20001-4229	N/A PC	IN SUPPORT OF THE BIENNIAL INTERNATIONAL MARINE CONSERVATION CONGRESS, WHICH IS BEING HELD IN CANADA IN 2016 AND WILL FEATURE THE WORK OF SEVERAL GRANTEES TO ADVANCE OCEAN PLANNING AND REFORMED FISHERIES MANAGEMENT IN NORTH AMERICA.	25,000.
SOCIETY FOR MEDICAL DECISION MAKING, INC. 390 AMWELL ROAD, SUITE 402 HILLSBOROUGH, NJ 08844	N/A PC	TO SUPPORT THE SOCIETY FOR MEDICAL DECISION MAKING'S 38TH ANNUAL MEETING, TO BE HELD ON OCTOBER 23 - OCTOBER 26, 2016 IN VANCOUVER, BC, CANADA.	20,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
SONOMA LAND TRUST 822 FIFTH STREET SANTA ROSA, CA 95404	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	15,000.
STARVISTA 610 ELM STREET, SUITE 212 SAN CARLOS, CA 94070	N/A PC	IN SUPPORT OF YOUTH PROGRAMS.	25,000.
STRATEGIC EDUCATION RESEARCH PARTNERSHIP INSTITUTE 1100 CONNECTICUT AVE NW, SUITE 1310 WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100,000.
TANANA CHIEFS CONFERENCE 122 1ST AVE FAIRBANKS, AK 99701	N/A PC	TO SUPPORT YUKON INTER-TRIBAL FISH COMMISSION GENERAL ACTIVITIES AND ADMINISTRATION.	30,000.
TELLUS INSTITUTE, INC. 11 ARLINGTON STREET BOSTON, MA 02116	N/A PC	TO SUPPORT THOUGHT LEADERSHIP IN ENGAGEMENT WITH GLOBAL INITIATIVE FOR SUSTAINABILITY RATINGS.	50,000.
THE ALASKA CENTER FOR THE ENVIRONMENT 921 WEST 6TH AVENUE, SUITE 200 ANCHORAGE, AK 99501	N/A PC	IN SUPPORT OF THE EDUCATIONAL FUND.	500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 371 SERRA MALL STANFORD, CA 94305-6030	N/A PC	TO EXAMINE CHINA'S POLICIES GOVERNING ITS ENGAGEMENT WITH COMMODITY MARKETS, INCLUDING ITS REQUIREMENTS FOR TRACEABILITY AND ENVIRONMENTAL PROTECTION, AS WELL AS ITS DECISIONS ON OVERSEAS INVESTMENT AND INTERNATIONAL PARTNERSHIPS IN ORDER TO MAKE POLICY RECOMMENDATIONS TO CHINA'S LEADERS.	40,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 318 CAMPUS DRIVE, CLARK CENTER, ROOM S170 STANFORD, CA 94305-5444	N/A PC	IN SUPPORT OF EFFORTS TO SHARE THE FOLDSCOPE WITH NEW AUDIENCES.	10,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO JASPER RIDGE BIOLOGICAL PRESERVE, STANFORD UNIVERS STANFORD, CA 94305	N/A PC	IN SUPPORT OF SCIENCE EDUCATION PARTNERSHIP PROGRAMS BETWEEN UNIVERSITY AND HIGH-SCHOOL AGED STUDENTS.	10,000.
THE BRANSON SCHOOL 39 FERNHILL AVENUE, PO BOX 887 ROSS, CA 94957	N/A PC	IN SUPPORT OF THE TOM RYAN TURF FIELD.	5,000.
THE COMPUTING RESEARCH ASSOCIATION, INC. 1828 L STREET, NW, SUITE 800 WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF AN OFFICE OF SCIENCE AND TECHNOLOGY POLICY FELLOW FOR OPEN DATA AND ACCESS.	40,625.
THE CONSERVATION FUND A NONPROFIT CORPORATION 1655 NORTH FORT MYER DRIVE, SUITE 1300 ARLINGTON, VA 22209-3199	N/A PC	TO SUPPORT WORK IN THE MIDWEST REGION.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 EVERGREEN STATE COLLEGE 2700 EVERGREEN PARKWAY NW OLYMPIA, WA 98505	N/A GOV	IN SUPPORT OF THE 4TH VIRUSES OF MICROBES MEETING TO BE HELD JULY 18-22, 2016, IN LIVERPOOL, UK.	7,500.
THE EXPLORATORIUM PIER 17, SUITE 100 SAN FRANCISCO, CA 94111	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50,000.
THE FAMILY GIVING TREE SOBRATO CENTER FOR NONPROFITS 606 VALLEY WAY MILPITAS, CA 95035	N/A PC	IN SUPPORT OF THE BACK-TO-SCHOOL DRIVE.	25,000.
THE OHIO STATE UNIVERSITY 105 BIOLOGICAL SCIENCES BUILDING, 484 WEST 12TH AV COLUMBUS, OH 43210	N/A GOV	IN SUPPORT OF A PILOT-SCALE VIRUS SEQUENCE ANALYSIS TRAINING WORKSHOP TO BE MARCH 7-9, 2016 AT THE OHIO STATE UNIVERSITY.	5,000.
THE TRUST FOR HIDDEN VILLA 26870 MOODY ROAD LOS ALTOS HILLS, CA 94022-4209	N/A PC	IN SUPPORT OF SCHOLARSHIPS.	100.
THE TRUST FOR HIDDEN VILLA 26870 MOODY ROAD LOS ALTOS HILLS, CA 94022-4209	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	5,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 UC DAVIS FOUNDATION 1460 DREW AVENUE, SUITE 100 DAVIS, CA 95618	N/A PC	IN SUPPORT OF A ONE WEEK CONFERENCE TO BE HELD DECEMBER 12 - DECEMBER 16, 2016 ON BEHALF OF THE CENTER OF QUANTUM MATHEMATICS AND PHYSICS CENTER. MANY OF THE TOP SCIENTISTS IN THE FIELD OF QUANTUM MATHEMATICS AND PHYSICS WILL BE INVITED TO FOSTER A VIBRANT RESEARCH ENVIRONMENT FOR ADDRESSING FOUNDATIONAL QUESTIONS IN THESE AREAS.	20,000.
TIDES CANADA FOUNDATION 400-163 HASTINGS STREET VANCOUVER BC CANADA V6B 1H5	N/A PC	TO SUPPORT THE DEVISING OF A FUND TO SUPPORT THE ARCTIC COUNCIL'S PERMANENT PARTICIPANTS.	25,000.
TIDES CANADA FOUNDATION 400-163 HASTINGS STREET VANCOUVER BC CANADA V6B 1H5	N/A PC	TO THANK THE HOST COMMUNITIES OF THE ARTIC FUNDERS COLLABORATIVE'S ANNUAL LEARNING TRIP IN THE NORTHWEST TERRITORIES.	5,000.
TIDES CANADA FOUNDATION 400-163 HASTINGS STREET VANCOUVER BC CANADA V6B 1H5	N/A PC	IN SUPPORT OF THE MAPP ATTENDANCE AND PANELS AT THE INTERNATIONAL MARINE CONSERVATION CONGRESS IN AUGUST 2016.	25,000.
TIDES CENTER PO BOX 29907 SAN FRANCISCO, CA 94129	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	12,500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
TRAINING RESOURCES FOR THE ENVIRONMENTAL COMMUNITY 221 OTERO STREET SANTA FE, NM 87501	N/A PC	TO SUPPORT THE DEVELOPMENT OF FRAMEWORKS FOR IMPLEMENTATION OF ENVIRONMENTAL AND POLICY AGREEMENTS IN BRITISH COLUMBIA.	25,000.
TRUST FOR CONSERVATION INNOVATION 405 14TH STREET, SUITE 164 OAKLAND, CA 94612-2705	N/A PC	TO SUPPORT KITCHEN TABLE ADVISORS' WORK WITH LOCAL BAY AREA SUSTAINABLE FARMERS.	22,500.
TRUST FOR PUBLIC LAND 101 MONTGOMERY STREET, SUITE 900 SAN FRANCISCO, CA 94104	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
TRUSTEES OF BOSTON UNIVERSITY 595 COMMONWEALTH AVENUE, SUITE 700, WEST ENTRANCE BOSTON, MA 02215	N/A PC	TO SUPPORT THE RESEARCH OF KEITH BROWN.	25,000.
TRUSTEES OF PRINCETON UNIVERSITY ONE WASHINGTON ROAD PRINCETON, NJ 08544-2098	N/A PC	TO SUPPORT THE CLASS OF 1959 ANNUAL GIFT.	15,000.
TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 10-122 SCTR, 3400 CIVIC CENTER BOULEVARD PHILADELPHIA, PA 19104-5158	N/A PC	IN SUPPORT OF SCIENTIFIC PARASITE TRAVEL AWARDS FOR THE PACIFIC SYMPOSIUM ON BIOCOMPUTING, TO BE HELD JANUARY 3-7, 2017 IN HAWAII, WHICH RECOGNIZE OUTSTANDING CONTRIBUTIONS TO THE RIGOROUS SECONDARY ANALYSIS OF DATA.	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
UC SANTA CRUZ FOUNDATION CARRIAGE HOUSE, UNIVERSITY OF CALIFORNIA SANTA CRUZ, CA 95064-1077	N/A PC	IN SUPPORT OF MACUMBA'S 1ST INTERNATIONAL MARINE MICROBIOME INDUSTRY AND SCIENCE CONFERENCE ON DISCOVERY AND INNOVATION, TO BE HELD ON JUNE 27-30, 2016, IN BERLIN, GERMANY.	5,320.
UC SANTA CRUZ FOUNDATION CARRIAGE HOUSE, UNIVERSITY OF CALIFORNIA SANTA CRUZ, CA 95064-1077	N/A PC	IN SUPPORT OF A SPECIAL SESSION ON CYANOBACTERIA AT THE 15TH BIOLOGICAL NITROGEN FIXATION BY NON-LEGUMES SATELLITE SYMPOSIUM TO BE HELD AUGUST 23-24, 2016, IN BUDAPEST, HUNGARY.	10,000.
UCSF BENIOFF CHILDREN'S HOSPITALS FOUNDATION 2201 BROADWAY, SUITE 600 OAKLAND, CA 94612	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50,000.
UNION OF CONCERNED SCIENTISTS, INC. TWO BRATTLE SQUARE, 6TH FLOOR CAMBRIDGE, MA 02138	N/A PC	IN HONOR OF JOHN H. GIBBONS IN SUPPORT OF THE HENRY KENDAL SOCIETY.	1,000.
UNIVERSITE PIERRE ET MARIE CURIE, INSTITUT DE BIOL FR3631, 7-9 QUAI SAINT BERNARD PARIS FRANCE 75252	N/A PC	IN SUPPORT OF THE INSTITUTE OF BIOLOGY PARIS-SEINE INTERNATIONAL SYMPOSIUM ON SYMBIOSIS: SYMBIOSIS IN EVOLUTION, BIOLOGY AND HUMAN HEALTHSYMPOSIUM, MARCH 15-17, 2017, IN PARIS, FRANCE.	7,500.
UNIVERSITY OF ALASKA PO BOX 757500 FAIRBANKS, AK 99775	N/A GOV	TO SUPPORT THE SUMMER 2016 KAMCHATKA EXCHANGE.	5,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 N. CHERRY AVENUE TUCSON, AZ 85721-0109	N/A PC	TO PROVIDE UNRESTRICTED SUPPORT TO THE UNIVERSITY OF ARIZONA COLLEGE OF ENGINEERING TO BE USED AT THE DEAN'S DISCRETION.	10,000.
UNIVERSITY OF BRITISH COLUMBIA 3529 UNIVERSITY BOULEVARD VANCOUVER BC CANADA V6T 1Z4	N/A PC	IN SUPPORT OF EFFORTS TO REACH INTERNATIONAL CONSENSUS ON A UNIVERSAL FRAMEWORK FOR PROTISTS (SINGLE-CELLED EUKARYOTES).	3,500.
UNIVERSITY OF CALIFORNIA BERKELEY FOUNDATION 2080 ADDISON BERKELEY, CA 94720-4200	N/A PC	FOR THE EUGENE COMMINS CHAIR FUND.	5,000.
UNIVERSITY OF CALIFORNIA SAN FRANCISCO FOUNDATION 220 MONTGOMERY STREET, SUITE 500 SAN FRANCISCO, CA 94104	N/A PC	IN SUPPORT OF THE UCSF DEPARTMENT OF BIOCHEMISTRY AND BIOPHYSICS, SCIENCE AND HEALTH EDUCATION PARTNERSHIP'S 2016 BAY AREA SCIENCE FESTIVAL.	10,000.
UNIVERSITY OF CALIFORNIA SAN FRANCISCO FOUNDATION 220 MONTGOMERY STREET, SUITE 500 SAN FRANCISCO, CA 94104	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
UNIVERSITY OF CALIFORNIA SAN FRANCISCO FOUNDATION 220 MONTGOMERY STREET, SUITE 500 SAN FRANCISCO, CA 94104	N/A PC	TO SUPPORT THE SMOKING CESSATION LEADERSHIP CENTER, A UNIQUE RESOURCE IN ACADEMIA FOCUSING ON ONE OF THE GREATEST PREVENTABLE RISKS TO HEALTH, NAMELY, TOBACCO USE.	250,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 220 MONTGOMERY STREET, SUITE 500 SAN FRANCISCO, CA 94104	N/A PC	TO SUPPORT THE CARDIOLOGY COUNCIL WITH RESEARCH, TRAINING AND CLINICAL PROGRAMS.	15,000.
UNIVERSITY OF CALIFORNIA SAN FRANCISCO FOUNDATION 220 MONTGOMERY STREET, SUITE 500 SAN FRANCISCO, CA 94104	N/A PC	IN SUPPORT OF THE UCSF DEPARTMENT OF BIOCHEMISTRY AND BIOPHYSICS, SCIENCE AND HEALTH EDUCATION PARTNERSHIP'S 2016 BAY AREA SCIENCE FESTIVAL.	10,000.
UNIVERSITY OF FLORIDA 319 GRINTER HALL, PO BOX 115531 GAINESVILLE, FL 32611	N/A GOV	IN SUPPORT OF THE WORKSHOPS 'WOMEN SCHOLARS IN ENVIRONMENTAL SCIENCES AND SUSTAINABILITY: OPPORTUNITIES AND CHALLENGES IN LATIN AMERICA' TO BE HELD ON AUGUST 6, 2016 IN ECUADOR AND ON SEPTEMBER 17, 2016 IN ARGENTINA, TO FOSTER A SUPPORTIVE NETWORK OF WOMEN SCHOLARS AND PRACTITIONERS IN LATIN AMERICA.	12,500.
UNIVERSITY OF FLORIDA FOUNDATION, INC. 1938 W. UNIVERSITY AVENUE GAINESVILLE, FL 32603	N/A PC	IN SUPPORT OF THE PUBLICATION FEES FOR A SPECIAL ISSUE TITLED "INTEGRATIVE RESEARCH ON ORGANIC MATTER ACROSS AQUATIC GRADIENTS" IN FRONTIERS IN MARINE SCIENCE WITH PARTICULAR FOCUS ON STUDIES OF THE AMAZON RIVER OCEAN CONTINUUM.	10,000.
UNIVERSITY OF FLORIDA FOUNDATION, INC. 1938 W. UNIVERSITY AVENUE GAINESVILLE, FL 32603	N/A PC	IN SUPPORT OF THE CENTER FOR LATIN AMERICAN STUDIES TO CONVENE AMAZON EXPERTS AND STAKEHOLDERS TO DISCUSS A POTENTIAL NEW VISION FOR THE AMAZON BASED ON SUSTAINABLE DEVELOPMENT AND CONSERVATION, TO ADDRESS THE MOST PRESSING DRIVERS OF CHANGE, AND IDENTIFY KEY STRATEGIES FOR COLLECTIVE ACTION. THIS EVENT WILL BE PLANNED OVER A THREE-MONTH PERIOD AND DELIVERED BY APRIL 2017.	10,100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 HAWAII FOUNDATION 2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	N/A PC	IN SUPPORT OF THE CHEMICAL OCEANOGRAPHY MEETING - A BOTTOM-UP APPROACH TO RESEARCH DIRECTIONS TO BE HELD OCTOBER 14-16, 2016, IN HONOLULU, HI.	5,000.
UNIVERSITY OF ILLINOIS FOUNDATION 1305 WEST GREEN STREET URBANA, IL 61801	N/A PC	IN SUPPORT OF THE 4TH WORKSHOP ON SUSTAINABLE SOFTWARE FOR SCIENCE: PRACTICE AND EXPERIENCES (WSSSPE4) IN MANCHESTER, UK ON SEPTEMBER 12-14, 2016.	20,000.
UNIVERSITY OF KENT THE REGISTRY, CANTERBURY CT2 7NZ CANTERBURY UNITED KINGDOM	N/A PC	IN SUPPORT OF THE MICROBIOLOGY SOCIETY ANNUAL CONFERENCE 2017 TO BE HELD ON APRIL 3-6, 2017 IN EDINBURGH, UK.	10,000.
UNIVERSITY OF MARYLAND COLLEGE PARK FOUNDATION 4603 CALVERT ROAD COLLEGE PARK, MD 20740	N/A PC	TO PROVIDE GENERAL SUPPORT FOR STUDENTS THROUGH THE SCHOOL OF PUBLIC POLICY DEAN'S FUND.	6,000.
UNIVERSITY OF MARYLAND COLLEGE PARK FOUNDATION 4603 CALVERT ROAD COLLEGE PARK, MD 20740	N/A PC	IN SUPPORT OF THE FUNDAMENTALS OF QUANTUM MATERIALS WINTER SCHOOL AND WORKSHOP, BEING HELD JANUARY 14 - 19, 2017, WHICH WILL BRING TOGETHER SENIOR AND JUNIOR SCIENTISTS TO ADDRESS TOPICS AT THE FOREFRONT OF CURRENT RESEARCH INTO QUANTUM MATERIALS, WHILE ALSO PROVIDING PEDAGOGICAL BACKGROUND AND PRACTICAL TRAINING FOR JUNIOR SCIENTISTS.	30,000.
UNIVERSITY OF MINNESOTA 2 MORRILL HALL 100 CHURCH STREET SE MINNEAPOLIS, MN 55455	N/A GOV	TO SUPPORT THE RESEARCH OF MICHAEL MCALPINE.	25,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 MONTANA FOUNDATION 600 CONNELL AVENUE MISSOULA, MT 59812	N/A PC	IN SUPPORT OF THE WILDLIFE BIOLOGY PROGRAM.	3,000.
UNIVERSITY OF TASMANIA FOUNDATION USA 2357 GREINER STREET EUGENE, OR 97405	N/A PC	IN SUPPORT OF THE 4TH INTERNATIONAL SYMPOSIUM ON THE OCEAN IN A HIGH-CO2 WORLD, TO BE HELD MAY 3-6, 2016, IN TASMANIA, AUSTRALIA.	6,000.
UNIVERSITY OF TENNESSEE FOUNDATION 1525 UNIVERSITY AVENUE KNOXVILLE, TN 37921	N/A PC	IN SUPPORT OF ADVANCING THE TECHNOLOGICAL CAPABILITIES OF THE CONTINUOUS PLANKTON RECORDER TO ENABLE PRESERVING SAMPLES FOR GENE ACTIVITY ANALYSIS.	14,689.
UNIVERSITY OF TEXAS SYSTEM 1400 BARBARA JORDAN BOULEVARD AUSTIN, TX 78723	N/A GOV	TO SUPPORT THE KEN SHINE PRIZE IN HEALTH LEADERSHIP HOSTED AT THE UNIVERSITY OF TEXAS AT AUSTIN, DELL MEDICAL SCHOOL.	5,000.
UNIVERSITY SYSTEM OF GEORGIA 220 MARINE SCIENCES BUILDING ATHENS, GA 30602	N/A GOV	IN SUPPORT OF COVERING THE OPEN-ACCESS FEES FOR A NEW PUBLICATION IN PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES BY LEAD AUTHOR DR. MARY ANNMORAN STEMMING FROM THE MMI DOM WORKSHOP TO BE HELD IN NOVEMBER 2014.	1,000.
UNIVERSITY SYSTEM OF GEORGIA 220 MARINE SCIENCES BUILDING ATHENS, GA 30602	N/A GOV	IN SUPPORT OF THE PUBLICATION FEES FOR A SPECIAL ISSUE TITLED "THE AMAZON RIVER-OCEAN CONTINUUM" IN FRONTIERS IN MARINE SCIENCE.	7,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
VANDERBILT UNIVERSITY 131 21ST AVENUE SOUTH NASHVILLE, TN 37203-1181	N/A PC	IN SUPPORT OF THE JUSTICE-MOORE FAMILY SCHOLARSHIP FUND.	100,000.
VICTORY RANCH, INC. 5951 GARCES AVENUE SAN JOSE, CA 95123	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
VIRGINIA ORGANIZING, INC. 703 CONCORD AVENUE CHARLOTTESVILLE, VA 22903-5208	N/A PC	TO SUPPORT ENVIRONMENTAL HEALTH SCIENCE AND THEIR WORK ON THE FAN PROJECT. THE FAN PROJECT SEEKS TO: (1) DEVELOP A COHERENT NARRATIVE AROUND THE SYSTEMIC DRIVERS OF PLANETARY DECLINE, (2) MAP THE RANGE OF POTENTIAL SCENARIOS AND THE KEY PATHWAYS ASSOCIATED WITH THEM, (3) CRAFT GUIDELINES OR SOLUTIONS FOR RESETTING THE SYSTEM, AND (4) CONDUCT ENGAGEMENT TO DRIVE CHANGE TOWARD THE RIGHT PATHWAYS AND SOLUTIONS.	50,000.
WASHINGTON MONTHLY CORPORATION 1200 18TH STREET NW, SUITE 330 WASHINGTON, DC 20036	N/A PC	TO SUPPORT THE SUCCESSES OF PHILANTHROPY SERIES.	25,000.
WASHINGTON MONTHLY CORPORATION 1200 18TH STREET NW, SUITE 330 WASHINGTON, DC 20036	N/A PC	TO SUPPORT THE CREATION OF AN ONLINE SERIES AT REPUBLIC 3.0 AND THE WASHINGTON MONTHLY: SUCCESSES OF PHILANTHROPY.	20,000.
WATERKEEPER ALLIANCE 180 MAIDEN LANE NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
WATERKEEPER ALLIANCE 180 MAIDEN LANE NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS	20,000.
WESLEYAN UNIVERSITY 45 WYLLYS AVENUE MIDDLETOWN, CT 06459	N/A PC	IN SUPPORT OF FINANCIAL AID.	25,000.
WEST COAST ENVIRONMENTAL LAW RESEARCH FOUNDATION 200 - 2006 WEST 10TH AVENUE VANCOUVER BC CANADA V6J 2B3	N/A PC	IN SUPPORT OF THE SPITFIRE EXECUTIVE LEADERSHIP PROGRAM.	20,000.
WIKIMEDIA FOUNDATION, INC. 149 NEW MONTGOMERY STREET, 6TH FLOOR SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF A 2-DAY EVENT TO BE HELD ON MAY 25-26, 2016 IN BERLIN, GERMANY FOCUSED ON TECHNOLOGY TO IMPROVE THE COVERAGE, QUALITY, STANDARDS-COMPLIANCE AND MACHINE-READABILITY OF CITATIONS AND SOURCE METADATA IN WIKIPEDIA, WIKIDATA AND OTHER WIKIMEDIA PROJECTS.	10,000.
WILDLIFE CONSERVATION NETWORK, INC. 209 MISSISSIPPI STREET SAN FRANCISCO, CA 94107	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
WILDLIFE CONSERVATION NETWORK, INC. 209 MISSISSIPPI STREET SAN FRANCISCO, CA 94107	N/A PC	TO SUPPORT THE ANNUAL WILDLIFE CONSERVATION NETWORK EXPO, A COMMUNITY EDUCATION EVENT TO BE HELD ON OCTOBER 8, 2016 IN SAN FRANCISCO, CA.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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	N/A PC	TO SUPPORT THE AMAZON FRESHWATER LIBRARY COLLECTION TRANSPORTATION AND CURATION.	10,000.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	N/A PC	IN SUPPORT OF THE CENTER FOR GLOBAL CONSERVATION, ASIA PROGRAM.	100.
WILLIAM MARSH RICE UNIVERSITY 6100 MAIN, MS-61 HOUSTON, TX 77005-1827	N/A PC	IN SUPPORT OF A WORKSHOP THAT WILL BRING TOGETHER A COMMUNITY OF RESEARCHERS EXAMINING THE VARIOUS FACETS OF THE NON-EQUILIBRIUM QUANTUM MANY-BODY PROBLEM.	10,000.
WINE COUNTRY ANIMAL LOVERS PO BOX 3 CALISTOGA, CA 94515	N/A PC	IN RECOGNITION OF DR. STEVE FRANQUELIN'S CONTRIBUTIONS TO ANIMAL HEALTH AND SAFETY.	5,000.
WORLD RESOURCES INSTITUTE 10 G STREET NE, SUITE 800 WASHINGTON, DC 20002	N/A PC	TO SUPPORT BLUE FOREST'S WORK IN DEVELOPING A FOREST RESILIENCE BOND, A CONSERVATION FINANCE INNOVATION WHICH WOULD SIGNIFICANTLY BENEFIT THE BAY AREA'S WATER RESOURCES.	22,500.
ZEN HOSPICE PROJECT, INC. 273 PAGE STREET SAN FRANCISCO, CA 94102	N/A PC	IN SUPPORT OF EFFORTS ON CAREGIVER TRAINING.	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
A BETTER CHANCE, INC. 253 W. 35TH STREET 6TH FLOOR NEW YORK, NY 10001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
ACHIEVEMENT REWARDS FOR COLLEGE SCIENTISTS FDN PO BOX 29405 PRESIDIO OF SAN FRANCISCO SAN FRANCISCO, CA 94129	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	4,000.
AFRICA EDUCATION AND LEADERSHIP INITIATIVE 1550 CENTERVUE CROSSING #107 KNOXVILLE, TN 37932	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
AFRICA EDUCATION AND LEADERSHIP INITIATIVE 1550 CENTERVUE CROSSING #107 KNOXVILLE, TN 37932	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
ALASKA PUBLIC TELECOMMUNICATIONS, INC. 3877 UNIVERSITY DRIVE ANCHORAGE, AK 99508	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	480.
ALONZO KING LINES BALLET 26 SEVENTH STREET 5TH FLOOR SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	70.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
ALZHEIMER'S DISEASE AND RELATED DISORDERS ASSOC. 225 N. MICHIGAN AVENUE 17TH FLOOR CHICAGO, IL 60601-7633	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
ALZHEIMER'S DISEASE AND RELATED DISORDERS ASSOC. 225 N. MICHIGAN AVENUE 17TH FLOOR CHICAGO, IL 60601-7633	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
ALZHEIMER'S DISEASE AND RELATED DISORDERS ASSOC. 225 N. MICHIGAN AVENUE 17TH FLOOR CHICAGO, IL 60601-7633	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.
ALZHEIMER'S DISEASE AND RELATED DISORDERS ASSOC. 225 N. MICHIGAN AVENUE 17TH FLOOR CHICAGO, IL 60601-7633	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	900.
AMERICAN ACADEMY OF ARTS AND SCIENCES 136 IRVING STREET CAMBRIDGE, MA 02138	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
AMERICAN CANCER SOCIETY, INC. PO BOX 22478 OKLAHOMA CITY, OK 73123	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 CANCER SOCIETY, INC. PO BOX 22478 OKLAHOMA CITY, OK 73123	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
AMERICAN CIVIL LIBERTIES UNION FOUNDATION, INC. 125 BROAD STREET, 18TH FLOOR NEW YORK, NY 10004-2400	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
AMERICAN CIVIL LIBERTIES UNION FOUNDATION, INC. 125 BROAD STREET, 18TH FLOOR NEW YORK, NY 10004-2400	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
AMERICAN DIABETES ASSOCIATION, INC. 1701 N BEAUREGARD STREET ALEXANDRIA, VA 22311	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	150.
AMERICAN DIABETES ASSOCIATION, INC. 1701 N BEAUREGARD STREET ALEXANDRIA, VA 22311	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
AMERICAN FUND FOR CHARITIES 1000 N WEST STREET SUITE 1200 WILMINGTON, DE 19801	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 GATEWAYS 314 EAST HIGHLAND MALL BOULEVARD SUITE 501 AUSTIN, TX 78752	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
AMERICAN HEART ASSOCIATION, INC. 7272 GREENVILLE AVENUE DALLAS, TX 75231	N/A PC	IN SUPPORT OF THE 2016 BAY AREA HEART WALK.	200.
AMERICAN NATIONAL RED CROSS 431 18TH STREET NW WASHINGTON, DC 20006	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
AMERICAN PHILOSOPHICAL SOCIETY 104 S 5TH STREET PHILADELPHIA, PA 19106	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
AMERICAN SOCIETY FOR THE PREVENTION OF CRUELTY TO 520 EIGHTH AVENUE, 7TH FLOOR NEW YORK, NY 10018	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
AMERICANS FOR OXFORD, INC. 500 5TH AVENUE, 32ND FLOOR NEW YORK, NY 10110	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
AMYOTROPHIC LATERAL SCLEROSIS ASSOCIATION PO BOX 565 AGOURA HILLS, CA 91376	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
AMYOTROPHIC LATERAL SCLEROSIS ASSOCIATION PO BOX 565 AGOURA HILLS, CA 91376	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	900.
ANIMALS ASIA FOUNDATION LIMITED 300 BROADWAY SUITE 32 SAN FRANCISCO, CA 94133	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.
ARLINGTON PHILHARMONIC PO BOX 101103 ARLINGTON, VA 22210	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,200.
ART SEED PO BOX 29277 SAN FRANCISCO, CA 94129	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
ASIAN ART MUSEUM FOUNDATION OF SAN FRANCISCO 200 LARKIN STREET SAN FRANCISCO, CA 94112	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	178.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
ASIAN ART MUSEUM FOUNDATION OF SAN FRANCISCO 200 LARKIN STREET SAN FRANCISCO, CA 94112	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	16,668.
ATLANTA HUMANE SOCIETY & SOCIETY PREVENTION OF CRU 981 HOWELL MILL ROAD NW ATLANTA, GA 30318	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
AUBURN AUTOMOTIVE HERITAGE, INC. 1600 SOUTH WAYNE STREET AUBURN, IN 46706	N/A PC	IN SUPPORT OF THE ANNUAL FUND.	2,000.
AVIAN HAVEN 418 N PALERMO FREEDOM, ME 04941	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
AVON PRODUCTS FOUNDATION INCORPORATED 777 THIRD AVENUE NEW YORK, NY 10017	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
BAT CONSERVATION INTERNATIONAL, INC. PO BOX 162603 AUSTIN, TX 78716	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
BAY AREA OPEN SPACE COUNCIL 2150 ALLSTON WAY, SUITE 320 BERKELEY, CA 94704	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
BAY AREA YOUNG SURVIVORS BAYS, INC. PO BOX 190056 SAN FRANCISCO, CA 94119	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	5,200.
BAY AREA YOUNG SURVIVORS BAYS, INC. PO BOX 190056 SAN FRANCISCO, CA 94119	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.
BD PERFORMING ARTS 4065 NELSON AVENUE CONCORD, CA 94520	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
BELMONT-REDWOOD SHORES PUBLIC SCHOOL FOUNDATION PO BOX 5196 BELMONT, CA 94002	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
BIG BROTHERS BIG SISTERS OF THE BAY AREA 649 MISSION STREET, FIFTH FLOOR SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	5,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 BROTHERS BIG SISTERS OF THE BAY AREA 649 MISSION STREET, FIFTH FLOOR SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	8,328.
BIG BROTHERS BIG SISTERS OF THE BAY AREA 649 MISSION STREET, FIFTH FLOOR SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
BIG BROTHERS BIG SISTERS OF THE BAY AREA 649 MISSION STREET, FIFTH FLOOR SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
BIG BROTHERS BIG SISTERS OF THE BAY AREA 649 MISSION STREET, FIFTH FLOOR SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN KELLNER HALL, 1440 MONROE STREET MADISON, WI 53711	N/A GOV	IN SUPPORT OF THE SCHOLARSHIP ENDOWMENT.	60,000.
BRADY CENTER TO PREVENT GUN VIOLENCE 840 FIRST STREET, NE, SUITE 400 WASHINGTON, DC 20002	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	80.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
BREAD AND ROSES BENEFIT AGENCY 233 TAMALPAIS DRIVE, SUITE 100 CORTE MADERA, CA 94925	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,500.
BREAKTHROUGH NEW YORK, INC. 123 WILLIAM STREET, 4TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,180.
BREAST CANCER ACTION 55 NEW MONTGOMERY STREET, SUITE 323 SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
BREAST CANCER PREVENTION PARTNERS 1388 SUTTER STREET SUITE 400 SAN FRANCISCO, CA 94109	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
BROADWAY HOUSING COMMUNITIES, INC. 583 RIVERSIDE DRIVE, 7TH FLOOR NEW YORK, NY 10031	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
BRUCES LEGACY, INC. 942 RED IRON ROAD BLACK RIVER FALLS, WI 54615	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
BULLIS-PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 W PORTOLA AVENUE, PO BOX 1642 LOS ALTOS, CA 94022	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	25,820.
BULLIS-PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 W PORTOLA AVENUE, PO BOX 1642 LOS ALTOS, CA 94022	N/A PC	IN SUPPORT OF THE ANNUAL FUND.	22,000.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	598.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	598.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE, GOLDEN GATE PARK SAN FRANCISCO, CA 94118	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	8,000.
CALIFORNIA COUNCIL ON SCIENCE AND TECHNOLOGY 1130 K STREET, SUITE 280 SACRAMENTO, CA 95814	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	19,332.
CALIFORNIA PACIFIC MEDICAL CENTER FOUNDATION PO BOX 7999 SAN FRANCISCO, CA 94120-7999	N/A PC	IN SUPPORT OF THE FORBES NORRIS ALS RESEARCH CENTER, MARSHALL MATHEWS ALS FAMILY FUND.	600.
CALIFORNIA POLICE ACTIVITIES LEAGUE 2000 E. 14TH STREET SAN LEANDRO, CA 94577	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	80.
CALIFORNIA POLYTECHNIC STATE UNIVERSITY 1 GRAND AVENUE SAN LUIS OBISPO, CA 93407	N/A GOV	IN SUPPORT OF THE ORFALEA COLLEGE OF BUSINESS BUILDING CAMPAIGN FUND.	5,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 POLYTECHNIC STATE UNIVERSITY FOUNDATION ONE GRAND AVENUE SAN LUIS OBISPO, CA 93407	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
CALIFORNIA POLYTECHNIC STATE UNIVERSITY FOUNDATION ONE GRAND AVENUE SAN LUIS OBISPO, CA 93407	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
CALIFORNIA STATE PARKS FOUNDATION 50 FRANCISCO STREET, SUITE 110 SAN FRANCISCO, CA 94133	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
CALIFORNIA STATE PARKS FOUNDATION 50 FRANCISCO STREET, SUITE 110 SAN FRANCISCO, CA 94133	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
CALIFORNIA STATE PARKS FOUNDATION 50 FRANCISCO STREET, SUITE 110 SAN FRANCISCO, CA 94133	N/A PC	TO SUPPORT THE PIGEON POINT LIGHT STATION.	50.
CANINE COMPANIONS FOR INDEPENDENCE 2965 DUTTON AVENUE SANTA ROSA, CA 95402	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
CANINE COMPANIONS FOR INDEPENDENCE 2965 DUTTON AVENUE SANTA ROSA, CA 95402	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
CARBONFUND ORG FOUNDATION 853 MAIN STREET EAST AURORA, NY 14052	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	378.
CARLETON COLLEGE 1 N COLLEGE STREET NORTHFIELD, MN 55057	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	80.
CARLETON COLLEGE 1 N COLLEGE STREET NORTHFIELD, MN 55057	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	80.
CARLETON COLLEGE 1 N COLLEGE STREET NORTHFIELD, MN 55057	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	80.
CASTILLEJA SCHOOL FOUNDATION 1310 BRYANT STREET PALO ALTO, CA 94301	N/A PC	IN SUPPORT OF THE ANNUAL FUND.	20,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
CATHOLIC CHARITIES OF THE EAST BAY 433 JEFFERSON STREET OAKLAND, CA 94607-3592	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.
CATHOLIC CHARITIES OF THE EAST BAY 433 JEFFERSON STREET OAKLAND, CA 94607-3592	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,200.
CATHOLIC RELIEF SERVICES UNITED STATES CONFERENCE 228 WEST LEXINGTON STREET BALTIMORE, MD 21201	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,100.
CATHOLIC RELIEF SERVICES UNITED STATES CONFERENCE 228 WEST LEXINGTON STREET BALTIMORE, MD 21201	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
CENTER FOR REPRODUCTIVE RIGHTS, INC. 199 WATER STREET, 22ND FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
CENTRAL SIERRA ENVIRONMENTAL RESOURCE CENTER PO BOX 396 TWIN HARTS, CA 95383	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
CERES, INC. 99 CHAUNCY STREET, 6TH FLOOR BOSTON, MA 02111	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
CHANNEL ISLANDS MARINE AND WILDLIFE INSTITUTE PO BOX 4250 SANTA BARBARA, CA 93140	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
CHARLES ARMSTRONG SCHOOL 1405 SOLANA DRIVE, ROOM 1 BELMONT, CA 94002	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
CHESAPEAKE CLIMATE ACTION NETWORK PO BOX 11138 TAKOMA PARK, MD 20912	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
CHILDREN'S HOSPITAL COLORADO FOUNDATION 13123 E 16TH AVENUE, BOX 045 AURORA, CO 80045	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
CHINESE FOR AFFIRMATIVE ACTION 17 WALTER U. LUM PLACE THE KUO BUILDING SAN FRANCISCO, CA 94108	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
CHP 11 99 FOUNDATION 2244 N STATE COLLEGE BOULEVARD FULLERTON, CA 92831	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,200.
CHRIST UNITED PRESBYTERIAN CHURCH 1700 SUTTER STEET SAN FRANCISCO, CA 94115	N/A PC	IN SUPPORT OF SUMMER CAMP LEADER APPRECIATION FUND.	200.
CITIZENS FOR ANIMAL PROTECTION, INC. 17555 KATY FREEWAY HOUSTON, TX 77094	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
CITY LIGHTS PERFORMANCE GROUP OF SAN JOSE, INC. 529 S SECOND STREET SAN JOSE, CA 95112	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
CLIMATE RIDE, INC. 111 N HIGGINS AVE, SUITE 415 MISSOULA, MT 59802	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
COASTSIDE ADULT DAY HEALTH CENTER 925 MAIN STREET SUITE A HALF MOON BAY, CA 94019	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
COMMONWEAL PO BOX 316 BOLINAS, CA 94924	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.
COMMONWEALTH CLUB OF CALIFORNIA 555 POST STREET SAN FRANCISCO, CA 94102	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
COMMUNITY HOUSING PARTNERSHIP A CA NONPROFIT BENEF 20 JONES STREET SAN FRANCISCO, CA 94102	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
COMPUTER HISTORY MUSEUM 1401 N. SHORELINE BOULEVARD MOUNTAIN VIEW, CA 94043	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
CONSANO PO BOX 12309 PORTLAND, OR 97212	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	800.
CONSANO PO BOX 12309 PORTLAND, OR 97212	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 EARTH, INC. PO BOX 3098 HALF MOON BAY, CA 94109	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE, #500 ARLINGTON, VA 22202	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
CONSUMER REPORTS, INC. 101 TRUMAN AVENUE YONKERS, NY 10703	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
CORNELL UNIVERSITY PO BOX 25842 LEHIGH VALLEY, PA 18003-9692	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
COVENANT HOUSE CALIFORNIA 1325 N WESTERN AVENUE HOLLYWOOD, CA 90027	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
COVENANT HOUSE CALIFORNIA 1325 N WESTERN AVENUE HOLLYWOOD, CA 90027	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
COW HOLLOW PRESCHOOL 65 FUNSTON AVENUE SAN FRANCISCO, CA 94129	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
COW HOLLOW PRESCHOOL 65 FUNSTON AVENUE SAN FRANCISCO, CA 94129	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
COW HOLLOW PRESCHOOL 65 FUNSTON AVENUE SAN FRANCISCO, CA 94129	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	950.
CRISTO REY SAN JOSE HIGH SCHOOL 1390 FIVE WOUNDS LANE SAN JOSE, CA 95116	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
DANCERS GROUP 44 GOUGH STREET, SUITE 201 SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	8,000.
DIABETES TRAINING CAMP FOUNDATION 109 NORTH MANSFIELD AVENUE MARGATE CITY, NJ 08402	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
DIRECT RELIEF 27 S LA PATERA GOLETA, CA 93117	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,600.
DKMS 100 BROADWAY, 6TH FLOOR NEW YORK, NY 10005	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
DOCTORS WITHOUT BORDERS USA, INC. 333 SEVENTH AVENUE, 2ND FLOOR NEW YORK, NY 10001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
DOCTORS WITHOUT BORDERS USA, INC. 333 SEVENTH AVENUE, 2ND FLOOR NEW YORK, NY 10001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
DOCTORS WITHOUT BORDERS USA, INC. 333 SEVENTH AVENUE, 2ND FLOOR NEW YORK, NY 10001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	620.
DOCTORS WITHOUT BORDERS USA, INC. 333 SEVENTH AVENUE, 2ND FLOOR NEW YORK, NY 10001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 SEVENTH AVENUE, 2ND FLOOR NEW YORK, NY 10001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.
DOCTORS WITHOUT BORDERS USA, INC. 333 SEVENTH AVENUE, 2ND FLOOR NEW YORK, NY 10001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
DOCTORS WITHOUT BORDERS USA, INC. 333 SEVENTH AVENUE, 2ND FLOOR NEW YORK, NY 10001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,300.
DOCTORS WITHOUT BORDERS USA, INC. 333 SEVENTH AVENUE, 2ND FLOOR NEW YORK, NY 10001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
DONORSCHOOSE.ORG 134 WEST 37TH STREET FLOOR 11 NEW YORK, NY 10018	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
DRAG RACING ASSOCIATION OF WOMEN 4448 LAMAR COURT RICHMOND HILLS, OH 44143	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
DUKE UNIVERSITY PO BOX 90600 DURHAM, NC 27708	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	60.
EAST BAY CHILDRENS LAW OFFICES INCORPORATED 7700 EDGEWATER DRIVE SUITE 210 OAKLAND, CA 94621	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
EAST BAY CHILDRENS LAW OFFICES INCORPORATED 7700 EDGEWATER DRIVE SUITE 210 OAKLAND, CA 94621	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
EAST BAY SOCIETY FOR THE PREVENTION OF CRUELTY TO ADMINISTRATION 8323 BALDWIN STREET OAKLAND, CA 94621	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
EAST BAY SOCIETY FOR THE PREVENTION OF CRUELTY TO ADMINISTRATION 8323 BALDWIN STREET OAKLAND, CA 94621	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
EDUCACY PO BOX 3014 LOS ALTOS, CA 94024	N/A PC	IN SUPPORT OF THE BULLIS BOOSTERS SUMMER BRIDGE CAMP 2016.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 236 WEST PORTAL AVE, SUITE 845 SAN FRANCISCO, CA 94127	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
ELDERGIVERS 236 WEST PORTAL AVE, SUITE 845 SAN FRANCISCO, CA 94127	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	3,000.
ELDERGIVERS 236 WEST PORTAL AVE, SUITE 845 SAN FRANCISCO, CA 94127	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
ENVIRONMENTAL DEFENSE FUND INCORPORATED 257 PARK AVENUE SOUTH NEW YORK, NY 10010	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	70.
EPISCOPAL CHURCH IN THE DIOCESE OF CALIFORNIA PO BOX 217 ROSS, CA 94957	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
FAITH IN PRACTICE 7500 BEECHNUT STREET SUITE 208 HOUSTON, TX 77074	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	206.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
FAMILY AND CHILDRENS SERVICES 375 CAMBRIDGE AVENUE PALO ALTO, CA 94306	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
FIDELITY INVESTMENTS CHARITABLE GIFT FUND 100 CROSBY PARKWAY, MAIL ZONE KC1D-FCS COVINGTON, KY 41015-9325	N/A PC	TO SUPPORT A DONOR ADVISED FUND, REQUESTED BY EMPLOYEE OR BOARD MEMBER AS PART OF MATCHING GIFT OR SERVICE RECOGNITION PROGRAMS.	60,000.
FIDELITY INVESTMENTS CHARITABLE GIFT FUND 100 CROSBY PARKWAY, MAIL ZONE KC1D-FCS COVINGTON, KY 41015-9325	N/A PC	TO SUPPORT A DONOR ADVISED FUND, REQUESTED BY EMPLOYEE OR BOARD MEMBER AS PART OF MATCHING GIFT OR SERVICE RECOGNITION PROGRAMS.	60,000.
FIRST SERVE BRIDGEPORT, INC. PO BOX 185574 HAMDEN, CT 06518	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	3,000.
FORTUNE SOCIETY, INC. 29-76 NORTHERN BOULEVARD NEW YORK, NY 11101	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
FRIENDS OF ALAMEDA COUNTY CASA, INC. 1000 SAN LEANDRO BOULEVARD SUITE 300 SAN LEANDRO, CA 94577	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
FRIENDS OF ALAMEDA COUNTY CASA, INC. 1000 SAN LEANDRO BOULEVARD SUITE 300 SAN LEANDRO, CA 94577	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
GARDEN TO TABLE SILICON VALLEY 651 MACREDES AVENUE SAN JOSE, CA 95116	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
GEORGIANA BRUCE KIRBY PREPARATORY SCHOOL 425 ENCINAL STREET SANTA CRUZ, CA 95060	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
GEORGIANA BRUCE KIRBY PREPARATORY SCHOOL 425 ENCINAL STREET SANTA CRUZ, CA 95060	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
GOLDEN GATE NATIONAL PARKS CONSERVANCY BUILDING 201, FORT MASON SAN FRANCISCO, CA 94123	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	4,200.
GOOD SHEPHERD FOOD BANK PO BOX 1807 AUBURN, ME 04211	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
GOOD SHEPHERD FOOD BANK PO BOX 1807 AUBURN, ME 04211	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
GOOD SHEPHERD FOOD BANK PO BOX 1807 AUBURN, ME 04211	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
GRACE SCIENCE FOUNDATION PO BOX 114 MENLO PARK, CA 94026	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
GRAND CANYON ASSOCIATION PO BOX 399 GRAND CANYON, AZ 86023	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.
GRAND TETON NATURAL HISTORY ASSOCIATION PO BOX 170 MOOSE, WY 83012	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
GREATER BAY AREA MAKE A WISH FOUNDATION, INC. 55 HAWTHORNE STREET, SUITE 800 SAN FRANCISCO, CA 94105-3913	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
GREATER BAY AREA MAKE A WISH FOUNDATION, INC. 55 HAWTHORNE STREET, SUITE 800 SAN FRANCISCO, CA 94105-3913	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
GREATER BAY AREA MAKE A WISH FOUNDATION, INC. 55 HAWTHORNE STREET, SUITE 800 SAN FRANCISCO, CA 94105-3913	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
GREENS FARMS ACADEMY, INC. 35 BEACHSIDE AVENUE PO BOX 998 GREENS FARMS, CT 06838	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
GUJRI FOUNDATION PO BOX 1028 VACAVILLE, CA 95696	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.
GUJRI FOUNDATION PO BOX 1028 VACAVILLE, CA 95696	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	13,000.
GUJRI FOUNDATION PO BOX 1028 VACAVILLE, CA 95696	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	52.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
GUJRI FOUNDATION PO BOX 1028 VACAVILLE, CA 95696	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
GUJRI FOUNDATION PO BOX 1028 VACAVILLE, CA 95696	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	13,000.
HABITAT FOR HUMANITY INTERNATIONAL 121 HABITAT STREET AMERICUS, GA 31709	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
HABITAT FOR HUMANITY INTERNATIONAL 121 HABITAT STREET AMERICUS, GA 31709	N/A PC	IN SUPPORT OF FUNDRAISING FOR HIKI.	100.
HABITAT FOR HUMANITY INTERNATIONAL PO BOX 356 LEBANON, OR 97355	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
HABITAT FOR HUMANITY, SILICON VALLEY 513 VALLEY WAY MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
HABITAT FOR HUMANITY, SILICON VALLEY 513 VALLEY WAY MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
HABITAT FOR HUMANITY, SILICON VALLEY 513 VALLEY WAY MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
HAMDEN HALL SCHOOL 1108 WHITNEY AVENUE HAMDEN, CT 06517	N/A PC	IN SUPPORT OF THE BETTY LOU BLUMBERG ENDOWED CHAIR OF ENGLISH.	200.
HEALTHCARE FOR THE HOMELESS, INC 421 FALLSWAY BALTIMORE, MD 21202	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.
HEALTHY LEARNING PATHS INCORPORATED 11258 DECATUR CIRCLE WESTMINSTER, CO 80234	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	5,400.
HEIFER PROJECT INTERNATIONAL 1 WORLD AVENUE LITTLE ROCK, AR 72202	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
HEIFER PROJECT INTERNATIONAL 1 WORLD AVENUE LITTLE ROCK, AR 72202	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,200.
HOLT INTERNATIONAL CHILDRENS SERVICES, INC. PO BOX 2880 EUGENE, OR 97402	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
HOMER HOCKEY ASSOCIATION PO BOX 2703 HOMER, AK 99603	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
HOSPICE OF DAYTON, INC. 324 WILMINGTON AVENUE DAYTON, OH 45420	N/A PC	IN SUPPORT OF GENERAL OPERATIONS IN MEMORY OF STEVEN P JONES.	150.
HUMANE SOCIETY SILICON VALLEY 901 AMES AVENUE MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.
INTER-AMERICAN DIALOGUE 1211 CONNECTICUT AVENUE, NW WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
INTER-AMERICAN DIALOGUE 1211 CONNECTICUT AVENUE, NW WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
INTERFAITH FOOD MINISTRY OF NEVADA COUNTY 440 HENDERSON STREET GRASS VALLEY, CA 95949	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
INTERNATIONAL MEDICAL CORPS 12400 WILSHIRE BOULEVARD SUITE 1500 LOS ANGELES, CA 90025	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	800.
INTERNATIONAL ORTHODOX CHRISTIAN CHARITIES 110 WEST ROAD SUITE 360 BALTIMORE, MD 21204	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
INTERNATIONAL ORTHODOX CHRISTIAN CHARITIES 110 WEST ROAD SUITE 360 BALTIMORE, MD 21204	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
INTERNATIONAL ORTHODOX CHRISTIAN CHARITIES 110 WEST ROAD SUITE 360 BALTIMORE, MD 21204	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
INTERNATIONAL ORTHODOX CHRISTIAN CHARITIES 110 WEST ROAD SUITE 360 BALTIMORE, MD 21204	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
INTERNATIONAL RESCUE COMMITTEE, INC. 122 E 42ND STREET NEW YORK, NY 10168	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,110.
INTERNATIONAL RESCUE COMMITTEE, INC. 122 E 42ND STREET NEW YORK, NY 10168	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,036.
INTERNATIONAL RESCUE COMMITTEE, INC. 122 E 42ND STREET NEW YORK, NY 10168	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	800.
ISINGLASS 715 NW HOYT STREET #3903 PORTLAND, OR 97208	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	150.
JEWISH FAMILY & COMMUNITY SERVICES OF THE EAST BAY 2484 SHATTUCK AVENUE, SUITE 210 BERKELEY, CA 94704	N/A PC	IN SUPPORT OF ART OF LIVING.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
JOBTRAIN, INC. 1200 O'BRIEN DRIVE MENLO PARK, CA 94025	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.
JOHN MUIR HEALTH 1400 TREAT BOULEVARD WALNUT CREEK, CA 94597-2142	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
JOHNS HOPKINS UNIVERSITY DEPARTMENT OF ATHLETICS 3400 N CHARLES STEET BALTIMORE, MD 21218	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.
JUVENILE DIABETES RESEARCH FOUNDATION INTERNATIONA 120 WALL STREET NEW YORK, NY 10005	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	80.
KCRW 1900 PICO BOULEVARD SANTA MONICA, CA 90405	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	80.
KEEPING THE BLUES ALIVE FOUNDATION, INC. 1761 W HILLSBORO BOULEVARD, SUITE 409 DEERFIELD BEACH, FL 33442	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
KID STOCK, INC. 1539 FUNSTON AVENUE SAN FRANCISCO, CA 94122	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	24,800.
KID STOCK, INC. 1539 FUNSTON AVENUE SAN FRANCISCO, CA 94122	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	19,000.
KID STOCK, INC. 1539 FUNSTON AVENUE SAN FRANCISCO, CA 94122	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	28,000.
KID STOCK, INC. 1539 FUNSTON AVENUE SAN FRANCISCO, CA 94122	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,250.
KINKAID SCHOOL, INC. 201 KINKAID SCHOOL DRIVE HOUSTON, TX 77024	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
KIPP BAY AREA SCHOOLS 1404 FRANKLIN STREET, SUITE 500 OAKLAND, CA 94612	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
KIVA MICROFUNDS 875 HOWARD STREET, SUITE 301 SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
KOAHNIC BROADCASTING CORPORATION 3600 SAN JERONIMO DRIVE, SUITE 480 ANCHORAGE, AK 99508	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	480.
KQED, INC. 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	410.
KQED, INC. 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	360.
KQED, INC. 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
KQED, INC. 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
KQED, INC. 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	360.
LA CASA DE LAS MADRES 1663 MISSION STREET, SUITE 225 SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
LAMBDA LEGAL DEFENSE AND EDUCATION FUND, INC. 120 WALL STREET 19TH FLOOR NEW YORK, NY 10005	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
LAME DEER PUBLIC SCHOOLS PO BOX 643 FORSYTH, MT 59327	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
LAME DEER PUBLIC SCHOOLS PO BOX 643 FORSYTH, MT 59327	N/A PC	IN SUPPORT OF THE LAME DEER ARTS ACTIVITY FUND IN MEMORY OF PAUL HULTBERG.	2,000.
LAVA MAE 3543 18TH STREET, #24 SAN FRANCISCO, CA 94110	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	514.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
LEAGUE TO SAVE LAKE TAHOE 2608 LAKE TAHOE BOULEVARD SOUTH LAKE TAHOE, CA 96150	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
LEATHERBACK TRUST 161 MERION AVENUE HADDONFIELD, NJ 08033	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
LEUKEMIA & LYMPHOMA SOCIETY, INC. 3 INTERNATIONAL DRIVE, SUITE 200 RYE BROOK, NY 10573	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
LEUKEMIA & LYMPHOMA SOCIETY, INC. 3 INTERNATIONAL DRIVE, SUITE 200 RYE BROOK, NY 10573	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
LEUKEMIA & LYMPHOMA SOCIETY, INC. 3 INTERNATIONAL DRIVE, SUITE 200 RYE BROOK, NY 10573	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	60.
LEUKEMIA & LYMPHOMA SOCIETY, INC. 3 INTERNATIONAL DRIVE, SUITE 200 RYE BROOK, NY 10573	N/A PC	IN SUPPORT OF THE 2016 SILICON VALLEY LIGHT THE NIGHT.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 CLASSROOMS FOUNDATION, INC. 802 S. CAROLINE STREET BALTIMORE, MD 21231	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
LOCAL FIRST ARIZONA FOUNDATION 407 E. ROOSEVELT STREET PHOENIX, AZ 85004	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.
LOS ALTOS COMMUNITY FOUNDATION 183 HILLVIEW AVENUE LOS ALTOS, CA 94022	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
LOS ALTOS COMMUNITY FOUNDATION 183 HILLVIEW AVENUE LOS ALTOS, CA 94022	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
LOS ALTOS EDUCATIONAL FOUNDATION PO BOX 98 LOS ALTOS, CA 94023	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
LOS ALTOS ROTARY ENDOWMENT FUND, INC. PO BOX 794 LOS ALTOS, CA 94022	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
LOWELL ALUMNI ASSOCIATION PO BOX 320009 SAN FRANCISCO, CA 94132-0009	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
LOWELL ALUMNI ASSOCIATION PO BOX 320009 SAN FRANCISCO, CA 94132-0009	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
MAINE PUBLIC BROADCASTING CORPORATION 1450 LISBON STREET LEWISTON, ME 04240	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	240.
MAITREYA BUDDHIST INSTITUTE 3065 DECOTO ROAD FREMONT, CA 94555	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	4,000.
MAITREYA BUDDHIST INSTITUTE 3065 DECOTO ROAD FREMONT, CA 94555	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	6,000.
MAJOR CHORDS FOR MINORS 2138 N. CAROLINA STREET SAGINAW, MI 48602	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
MAJOR CHORDS FOR MINORS 2138 N. CAROLINA STREET SAGINAW, MI 48602	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
MALAYAKA HOUSE, INC. 253 SOUTH UNION STREET BURLINGTON, VT 05401	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
MARIN ACADEMY 1600 MISSION AVENUE SAN RAFAEL, CA 94901	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	33,400.
MARIN ACADEMY 1600 MISSION AVENUE SAN RAFAEL, CA 94901	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	13,264.
MARIN ART AND GARDEN CENTER PO BOX 437 30 SIR FRANCIS DRAKE BOULEVARD ROSS, CA 94957	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
MARIN COMMUNITY FOUNDATION 5 HAMILTON LANDING, SUITE 200 NOVATO, CA 94949	N/A PC	TO SUPPORT A DONOR ADVISED FUND, REQUESTED BY EMPLOYEE OR BOARD MEMBER AS PART OF MATCHING GIFT OR SERVICE RECOGNITION PROGRAMS.	50,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
MARIN HORIZON SCHOOL INCORPORATED 305 MONTFORD AVENUE MILL VALLEY, CA 94941	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
MARIN HORIZON SCHOOL INCORPORATED 305 MONTFORD AVENUE MILL VALLEY, CA 94941	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
MARINE MAMMAL CENTER 2000 BUNKER ROAD, FORT CRONKHITE SAUSALITO, CA 94965	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	120.
MARINE MAMMAL CENTER 2000 BUNKER ROAD, FORT CRONKHITE SAUSALITO, CA 94965	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
MARK DAY SCHOOL 39 TRELIS DRIVE SAN RAFAEL, CA 94903	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
MARK DAY SCHOOL 39 TRELIS DRIVE SAN RAFAEL, CA 94903	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
MAYO CLINIC 200 FIRST STREET SW ROCHESTER, MN 55905	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	540.
MAYO CLINIC 200 FIRST STREET SW ROCHESTER, MN 55905	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
MEDICAL EDUCATION COOPERATION WITH CUBA 1814 FRANKLIN STREET, SUITE 820 OAKLAND, CA 94612	N/A PC	IN SUPPORT OF THE MEDICC REVIEW.	300.
MEDOMAK VALLEY LAND TRUST PO BOX 180 WALDOBORO, ME 04572	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	3,500.
MEMORIAL SLOAN KETTERING CANCER CENTER 633 THIRD AVENUE, 3RD FLOOR NEW YORK, NY 10017	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	120.
MENLO PARK-ATHERTON EDUCATION FOUNDATION 181 ENCINAL AVENUE ATHERTON, CA 94027	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,680.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
MICHAEL J. FOX FOUNDATION FOR PARKINSON'S RESEARCH PO BOX 4777 NEW YORK, NY 10163	N/A PC	IN SUPPORT OF THE TOUR DE FOX WINE COUNTRY RIDE.	50.
MIDDLE TENNESSEE STATE UNIVERSITY FOUNDATION MTSU DEVELOPMENT & ADVANCEMENT SERVICES MURFREESBORO, TN 37132	N/A PC	IN SUPPORT OF ETHICS IN PHOTO JOURNALISM IN MEMORY OF PAUL HULTBERG.	2,000.
MILL VALLEY SCHOOLS COMMUNITY FOUNDATION 409 SYCAMORE AVENUE MILL VALLEY, CA 94941-2231	N/A PC	IN SUPPORT OF THE KIDDO 2016-2017 ANNUAL CAMPAIGN.	9,054.
MILL VALLEY SCHOOLS COMMUNITY FOUNDATION 409 SYCAMORE AVENUE MILL VALLEY, CA 94941	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	340.
MOHR ELEMENTARY PTA 3300 DENNIS AVENUE PLEASANTON, CA 94588	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
MONTEREY BAY AQUARIUM FOUNDATION 886 CANNERY ROW MONTEREY, CA 93940	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
MONTEREY BAY AQUARIUM FOUNDATION 886 CANNERY ROW MONTEREY, CA 93940	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	550.
MOUNTAIN PLAY ASSOCIATION 1556 FOURTH STREET SAN RAFAEL, CA 94901	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	510.
MOUNTAIN VIEW LOS ALTOS HIGH SCHOOL FOUNDATION PO BOX 1146 LOS ALTOS, CA 940231146	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
MOVEMBER FOUNDATION PO BOX 1595 CULVER CITY, CA 90232	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
MUSEUM OF AMERICAN HERITAGE PO BOX 1731 PALO ALTO, CA 94302	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,500.
NAACP LEGAL DEFENSE AND EDUCATIONAL FUND, INC. 40 RECTOR STREET, 5TH FLOOR NEW YORK, NY 10006	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
NARAL PRO-CHOICE AMERICA FOUNDATION 1156 15TH STREET, SUITE 700 WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW, K654 WASHINGTON, DC 20001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	4,000.
NATIONAL MULTIPLE SCLEROSIS SOCIETY 733 THIRD AVENUE, 3RD FLOOR NEW YORK, NY 10017	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
NATIONAL MULTIPLE SCLEROSIS SOCIETY 733 THIRD AVENUE, 3RD FLOOR NEW YORK, NY 10017	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.
NATIONAL MULTIPLE SCLEROSIS SOCIETY 733 THIRD AVENUE, 3RD FLOOR NEW YORK, NY 10017	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
NATIONAL PARK FOUNDATION 1201 EYE STREET, NW, #550 B WASHINGTON, DC 20005	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
NATURAL RESOURCES DEFENSE COUNCIL, INC. 40 WEST 20TH STREET NEW YORK, NY 10011	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
NATURAL RESOURCES DEFENSE COUNCIL, INC. 40 WEST 20TH STREET NEW YORK, NY 10011	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	720.
NATURAL RESOURCES DEFENSE COUNCIL, INC. 40 WEST 20TH STREET NEW YORK, NY 10011	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
NATURE CONSERVANCY 715 L STREET, SUITE 100 ANCHORAGE, AK 99501	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
NATURE CONSERVANCY 715 L STREET, SUITE 100 ANCHORAGE, AK 99501	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,200.
NEW HOPE FOR WOMEN, INC. PO BOX A ROCKLAND, ME 04841	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
NEWMAN HALL/HOLY SPIRIT PARISH 2700 DWIGHT WAY BERKELEY, CA 94704	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,200.
NEWMAN HALL/HOLY SPIRIT PARISH 2700 DWIGHT WAY BERKELEY, CA 94704	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,800.
NORTH CALIFORNIA BODHI DHARMA SOCIETY 919 HANSON COURT MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	8,000.
NORTH CALIFORNIA BODHI DHARMA SOCIETY 919 HANSON COURT MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	7,200.
NORTH CALIFORNIA BODHI DHARMA SOCIETY 919 HANSON COURT MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	720.
OCEAN CONSERVANCY, INC. 1300 19TH STREET NW, 8TH FLOOR WASHINGTON, DC 20036	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	20,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 DOLLAR FOR LIFE 783 KENDALL AVENUE PALO ALTO, CA 94306	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
OREGON PUBLIC BROADCASTING 7140 SW MACADAM AVENUE PORTLAND, OR 97219	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
OUTWARD BOUND CALIFORNIA 1539 PERSHING DRIVE SAN FRANCISCO, CA 94129	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	4,532.
PACIFIC PEDIATRIC NEURO-ONCOLOGY CONSORTIUM FOUNDA 4040 CIVIC CENTER DRIVE, SUITE 430 SAN RAFAEL, CA 94903	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	253.
PALO ALTO PARTNERS IN EDUCATION 25 CHURCHILL AVENUE PALO ALTO, CA 94306	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
PALO ALTO PARTNERS IN EDUCATION 25 CHURCHILL AVENUE PALO ALTO, CA 94306	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
PANCREATIC CANCER ACTION NETWORK, INC. 1500 ROSECRANS AVENUE, SUITE 200 MANHATTAN BEACH, CA 90266	N/A PC	IN SUPPORT OF THE PURPLESTRDIE DFW 2016.	210.
PANCREATIC CANCER ACTION NETWORK, INC. 1500 ROSECRANS AVENUE, SUITE 200 MANHATTAN BEACH, CA 90266	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	80.
PANCREATIC CANCER ACTION NETWORK, INC. 1500 ROSECRANS AVENUE, SUITE 200 MANHATTAN BEACH, CA 90266	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	150.
PARISH OF SAINTS JOHN AND ANDREW 1256 VESTAL AVENUE BINGHAMTON, NY 13903	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,740.
PARTNERS FOR A HUNGER-FREE OREGON 712 SE HAWTHORNE BOULEVARD, SUITE 202 PORTLAND, OR 97214	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
PASO PACIFICO PO BOX 1244 VENTURA, CA 93002	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 PO BOX 358 SAN CARLOS, CA 94070	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
PENINSULA HUMANE SOCIETY & SPCA 1450 ROLLINS ROAD BURLINGAME, CA 94010	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.
PENINSULA HUMANE SOCIETY & SPCA 1450 ROLLINS ROAD BURLINGAME, CA 94010	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	60.
PENINSULA OPEN SPACE TRUST 222 HIGH STREET PALO ALTO, CA 94301	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	4,000.
PENINSULA TEMPLE BETH EL 1700 ALAMEDA DE LAS PULGAS SAN MATEO, CA 94403	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,820.
PET RANCH, INC. PO BOX 641 BOERNE, TX 78006	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
PETS IN NEED 871 5TH AVENUE REDWOOD CITY, CA 94063	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
PLANNED PARENTHOOD FEDERATION OF AMERICA, INC. 123 WILLIAM STREET, 10TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
PLANNED PARENTHOOD FEDERATION OF AMERICA, INC. 123 WILLIAM STREET, 10TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
PLANNED PARENTHOOD FEDERATION OF AMERICA, INC. 123 WILLIAM STREET, 10TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
PLANNED PARENTHOOD FEDERATION OF AMERICA, INC. 123 WILLIAM STREET, 10TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
PLANNED PARENTHOOD FEDERATION OF AMERICA, INC. 123 WILLIAM STREET, 10TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	120.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
PLANNED PARENTHOOD FEDERATION OF AMERICA, INC. 123 WILLIAM STREET, 10TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
PLANNED PARENTHOOD FEDERATION OF AMERICA, INC. 123 WILLIAM STREET, 10TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
PLANNED PARENTHOOD FEDERATION OF AMERICA, INC. 123 WILLIAM STREET, 10TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
PLANNED PARENTHOOD FEDERATION OF AMERICA, INC. 123 WILLIAM STREET, 10TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
PLANNED PARENTHOOD FEDERATION OF AMERICA, INC. 123 WILLIAM STREET, 10TH FLOOR NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
PLANNED PARENTHOOD MAR MONTE, INC. 1691 THE ALAMEDA SAN JOSE, CA 95126	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
PLANNED PARENTHOOD MAR MONTE, INC. 1691 THE ALAMEDA SAN JOSE, CA 95126	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
POMEROY RECREATION & REHABILITATION CENTER 207 SKYLINE BOULEVARD SAN FRANCISCO, CA 94132	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
PORTLAND AUDUBON SOCIETY 5151 NW CORNELL ROAD PORTLAND, OR 97210	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
PREGNANT MARE RESCUE, INC. PO BOX 962 APTOS, CA 95001	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
PRESIDENT AND TRUSTEES OF BATES COLLEGE 2 ANDREWS ROAD LEWISTON, ME 04240	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
PROJECT OPEN HAND 730 POLK STREET SAN FRANCISCO, CA 94109	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS & STUD 5201 E. BROADWAY LONG BEACH, CA 90803	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS & STUD 950 AMARILLO AVENUE PALO ALTO, CA 94303	N/A PC	IN SUPPORT OF THE OHLONE FARM.	250.
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS & STUD 1781 ROSE STREET BERKELEY, CA 94703	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS & STUD 220 MIDDLEFIELD DRIVE SAN FRANCISCO, CA 94132	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS & STUD 6686 CHABOT ROAD OAKLAND, CA 94618	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,600.
PUBLIC GLASS 1750 ARMSTRONG AVENUE SAN FRANCISCO, CA 94124	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
RARE, INC. 1310 N COURTHOUSE ROAD, SUITE 110 ARLINGTON, VA 22201	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	900.
REALIZE IMPACT 144 JACOLET LANE NW BAINBRIDGE IS, WA 98110	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	3,000.
RECTORS & VISITORS OF THE UNIVERSITY OF VIRGINIA UVA GIFT PROCESSING SERVICES PO BOX 400314 CHARLOTTESVILLE, VA 22904-4314	N/A GOV	IN SUPPORT OF GENERAL OPERATIONS.	200.
REDWOOD PARENTS NURSERY SCHOOL 3997 JEFFERSON AVENUE EMERALD HILLS, CA 94062	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
REED INSTITUTE 3203 SOUTHEAST WOODSTOCK BOULEVARD PORTLAND, OR 97202	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
REED INSTITUTE 3203 SOUTHEAST WOODSTOCK BOULEVARD PORTLAND, OR 97202	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 3101 VALLEY LIFE SCIENCES BUILDING BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF THE ENGLISH DEPARTMENT.	100.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 3101 VALLEY LIFE SCIENCES BUILDING BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF THE CAL ALUMNI ASSOCIATION FUND.	500.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 3101 VALLEY LIFE SCIENCES BUILDING BERKELEY, CA 94720	N/A GOV	IN SUPPORT OF THE BOALT HALL FUND.	2,000.
RESPONSIBLE EATING AND LIVING WORLDWIDE 6776 BOOTH STREET, APARTMENT 3C FOREST HILLS, NY 11375	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
REX FOUNDATION PO BOX 29608 SAN FRANCISCO, CA 94129	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
ROSS SCHOOL FOUNDATION PO BOX 582 ROSS, CA 94957	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	3,400.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
ROSS VALLEY NURSERY SCHOOL 689 SIR FRANCIS DRAKE BOULEVARD KENTFIELD, CA 94904	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
ROSS VALLEY NURSERY SCHOOL 689 SIR FRANCIS DRAKE BOULEVARD KENTFIELD, CA 94904	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
ROY CLOUD SCHOOL PARENTS CLUB 3790 RED OAK WAY REDWOOD CITY, CA 94061	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
SALVATION ARMY NATIONAL CORP 832 FOLSOM STREET SAN FRANCISCO, CA 94107	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
SAMARITAN HOUSE 4031 PACIFIC BOULEVARD SAN MATEO, CA 94403	N/A PC	IN SUPPORT OF THE BACK TO SCHOOL DRIVE.	400.
SAN FRANCISCO AIDS FOUNDATION ATTN: DONOR SERVICES 1035 MARKET STREET, SUITE 400 SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 AIDS FOUNDATION ATTN: DONOR SERVICES 1035 MARKET STREET, SUITE 400 SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF THE AIDS LIFECYCLE RIDE TO END AIDS.	100.
SAN FRANCISCO AIDS FOUNDATION ATTN: DONOR SERVICES 1035 MARKET STREET, SUITE 400 SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	820.
SAN FRANCISCO AIDS FOUNDATION ATTN: DONOR SERVICES 1035 MARKET STREET, SUITE 400 SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
SAN FRANCISCO AIDS FOUNDATION ATTN: DONOR SERVICES 1035 MARKET STREET, SUITE 400 SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF THE AIDS/LIFECYCLE 2016.	800.
SAN FRANCISCO AIDS FOUNDATION ATTN: DONOR SERVICES 1035 MARKET STREET, SUITE 400 SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
SAN FRANCISCO MUSEUM OF MODERN ART 151 THIRD STREET SAN FRANCISCO, CA 94103-3159	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 MUSEUM OF MODERN ART 151 THIRD STREET SAN FRANCISCO, CA 94103-3159	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
SAN FRANCISCO ZOOLOGICAL SOCIETY 1 ZOO ROAD SAN FRANCISCO, CA 94132	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	125.
SAN FRANCISCO ZOOLOGICAL SOCIETY 1 ZOO ROAD SAN FRANCISCO, CA 94132	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	260.
SAN FRANCISCO ZOOLOGICAL SOCIETY 1 ZOO ROAD SAN FRANCISCO, CA 94132	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	360.
SANTA CRUZ ANIMAL SHELTER 2200 7TH AVENUE SANTA CRUZ, CA 95062	N/A GOV	IN SUPPORT OF GENERAL OPERATIONS.	200.
SAVE THE CHILDREN FEDERATION, INC. 501 KINGS HIGHWAY EAST SUITE 400 FAIRFIELD, CT 06825	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,488.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 CHILDREN FEDERATION, INC. 501 KINGS HIGHWAY EAST SUITE 400 FAIRFIELD, CT 06825	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	806.
SCHWAB CHARITABLE FUND 211 MAIN STREET SAN FRANCISCO, CA 94105	N/A PC	TO SUPPORT A DONOR ADVISED FUND, REQUESTED BY EMPLOYEE OR BOARD MEMBER AS PART OF MATCHING GIFT OR SERVICE RECOGNITION PROGRAMS.	60,000.
SECOND HARVEST FOOD BANK 800 OHLONE PARKWAY WATSONVILLE, CA 95076	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
SIERRA CLUB FOUNDATION 2101 WEBSTER STREET, SUITE 1250 OAKLAND, CA 94612	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
SILICON VALLEY COMMUNITY FOUNDATION 2440 WEST EL CAMINO REAL, SUITE 300 MOUNTAIN VIEW, CA 94040	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	800.
SILICON VALLEY SHAKESPEARE 240 N. SECOND STREET SAN JOSE, CA 95112	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	6,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
SOUTHERN ENVIRONMENTAL LAW CENTER 201 WEST MAIN STREET, SUITE 14 CHARLOTTESVILLE, VA 22902	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
SOUTHERN POVERTY LAW CENTER, INC. 400 WASHINGTON AVENUE MONTGOMERY, AL 36104	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
SOUTHERN POVERTY LAW CENTER, INC. 400 WASHINGTON AVENUE MONTGOMERY, AL 36104	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
SOUTHERN POVERTY LAW CENTER, INC. 400 WASHINGTON AVENUE MONTGOMERY, AL 36104	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
SPECIAL OLYMPICS MASSACHUSETTS, INC. THE YAWKEY SPORTS TRAINING CENTER, 512 FOREST STRE MARLBOROUGH, MA 01752	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
SQUASHDRIVE PO BOX 99165 EMERYVILLE, CA 94662	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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. ARCHANGEL MICHAEL SERBIAN EASTERN ORTHODOX CHU 18870 ALLENDALE AVENUE SARATOGA, CA 95070	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	24,986.
ST. ARCHANGEL MICHAEL SERBIAN EASTERN ORTHODOX CHU 18870 ALLENDALE AVENUE SARATOGA, CA 95070	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	53,330.
ST. JOHN THE BAPTIST SERBIAN ORTHODOX CATHEDRAL 900 BAKER STREET SAN FRANCISCO, CA 94115	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
ST. LABRE INDIAN SCHOOL PO BOX 216 1000 TONGUE RIVER ROAD ASHLAND, MT 59003	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
ST. SAVA MISSION CORPORATION PO BOX 252 JACKSON, CA 95642	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
ST. SAVA MISSION CORPORATION PO BOX 252 JACKSON, CA 95642	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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. SAVA MISSION CORPORATION PO BOX 252 JACKSON, CA 95642	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
STATE UNIVERSITY COLLEGE AT BROCKPORT FOUNDATION INSTITUTIONAL ADVANCEMENT, 350 NEW CAMPUS DRIVE BROCKPORT, NY 14420	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
STATE UNIVERSITY COLLEGE AT BROCKPORT FOUNDATION INSTITUTIONAL ADVANCEMENT, 350 NEW CAMPUS DRIVE BROCKPORT, NY 14420	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
SUSTAINABLE MARKETS FOUNDATION 45 WEST 36TH STREET, 6TH FLOOR NEW YORK, NY 10018-7635	N/A PC	IN SUPPORT OF CIVIL EATS.	400.
TAHOE MARITIME MUSEUM, INC. PO BOX 627 HOMEWOOD, CA 96141	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
TAKOMA CHILDRENS SCHOOL, INC. 6925 WILLOW STREET NW WASHINGTON, DC 20012	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
TEMPLE BETH EL RABBI MARCUS DISCRETIONARY FUND 3055 PORTER GULCH ROAD APTOS, CA 95003	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	360.
THE ASPEN INSTITUTE, INC. ONE DUPONT CIRCLE, NW, SUITE 700 WASHINGTON, DC 20036-1133	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 326 GALVEZ STREET STANFORD, CA 94305-6055	N/A PC	IN SUPPORT OF THE FUND FOR UNDERGRADUATE EDUCATION.	500.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 326 GALVEZ STREET STANFORD, CA 94305-6055	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	60,000.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 326 GALVEZ STREET STANFORD, CA 94305-6055	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,200.
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 326 GALVEZ STREET STANFORD, CA 94305-6055	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIO 326 GALVEZ STREET STANFORD, CA 94305-6055	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
THE CARTER CENTER, INC. 453 FREEDOM PARKWAY ATLANTA, GA 30307	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
THE CARTER CENTER, INC. 453 FREEDOM PARKWAY ATLANTA, GA 30307	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	600.
THE CHEMICAL HERITAGE FOUNDATION 315 CHESTNUT STREET PHILADELPHIA, PA 19106	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
THE EXPLORATORIUM PIER 17, SUITE 100 SAN FRANCISCO, CA 94111	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
THE EXPLORATORIUM PIER 17, SUITE 100 SAN FRANCISCO, CA 94111	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	458.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 PIER 17, SUITE 100 SAN FRANCISCO, CA 94111	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	538.
THE FAMILY GIVING TREE SOBRATO CENTER FOR NONPROFITS, 606 VALLEY WAY MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	70.
THE FAMILY GIVING TREE SOBRATO CENTER FOR NONPROFITS, 606 VALLEY WAY MILPITAS, CA 95035	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	286.
THE FUND FOR LAKE GEORGE, INC. PO BOX 352 LAKE GEORGE, NY 12845	N/A PC	IN SUPPORT OF LAKE GEORGE WATERKEEPER.	200.
THE OLYMPIC CLUB FOUNDATION 524 POST STREET SAN FRANCISCO, CA 94102	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,200.
THE PAINTED TURTLE 1300 4TH STREET SUITE 300 SANTA MONICA, CA 90401	N/A PC	IN SUPPORT OF THE PAINTED TURTLE - TIBURON HALF MARATHON, 10K, & 5K.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 PAINTED TURTLE 1300 4TH STREET SUITE 300 SANTA MONICA, CA 90401	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
THE SAN FRANCISCO SCHOOL 300 GAVEN STEET SAN FRANCISCO, CA 94134	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	6,000.
TIPPING POINT COMMUNITY 220 MONTGOMERY STREET SAN FRANCISCO, CA 94104	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
TIPPING POINT COMMUNITY 220 MONTGOMERY STREET SAN FRANCISCO, CA 94104	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
TOGETHER WE CAN CHANGE THE WORLD 9715 CHERRY STREET EDMONDS, WA 98020	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
TROUT UNLIMITED 1777 N. KENT STREET, SUITE 100 ARLINGTON, VA 22209	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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 DARTMOUTH COLLEGE TUCK ANNUAL GIVING, 41 CENTERRA PARKWAY LEBANON, NH 03766	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.
TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2929 WALNUT STREET, SUITE 300 PHILADELPHIA, PA 19104-5099	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
TUOLUMNE COUNTY HUMANE SOCIETY, INC. 10040 VICTORIA WAY JAMESTOWN, CA 95327	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
UC SANTA BARBARA FOUNDATION UNIVERSITY OF CALIFORNIA, SANTA BARBARA SANTA BARBARA, CA 93106-2013	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
UC SANTA CRUZ FOUNDATION 1156 HIGH STREET SANTA CRUZ, CA 95064	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
UNITED STATES FRIENDS OF THE DAVID SHELDRIK WILDL 25283 CHABOT RD, SUITE 101 LAGUNA HILLS, CA 92653	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
UNITED WAY OF THE BAY AREA 550 KEARNY STREET, SUITE 1000 SAN FRANCISCO, CA 94108	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	700.
UNIVERSITY OF CALIFORNIA BERKELEY FOUNDATION 2080 ADDISON BERKELEY, CA 94720-4200	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	252.
UNIVERSITY OF CALIFORNIA BERKELEY FOUNDATION 2080 ADDISON BERKELEY, CA 94720-4200	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	146.
UNIVERSITY OF CALIFORNIA BERKELEY FOUNDATION 2080 ADDISON BERKELEY, CA 94720-4200	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.
UNIVERSITY OF CALIFORNIA BERKELEY FOUNDATION 2080 ADDISON BERKELEY, CA 94720-4200	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
UNRAVEL PEDIATRIC CANCER PO BOX 2206 GILROY, CA 95021	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	204.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
VANDERBILT UNIVERSITY 131 21ST AVENUE SOUTH NASHVILLE, TN 37203-1181	N/A PC	IN SUPPORT OF THE CLASS OF 1991 GIFT IN HONOR OF THE 25TH REUNION.	1,000.
WARRIOR EXPEDITIONS 6621 FAIRWAY VIEW TRAIL ROANOKE, VA 24018	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
WAT BUDDHAJAKRAMONGKOLVARARAM 872-A SECOND STREET PEARL CITY, HI 96782-3342	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
WAT BUDDHANUSORN 36054 NILES BOULEVARD FREMONT, CA 94536	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	800.
WAT BUDDHANUSORN 36054 NILES BOULEVARD FREMONT, CA 94536	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
WAT BUDDHANUSORN 36054 NILES BOULEVARD FREMONT, CA 94536	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
WAT BUDDHANUSORN 36054 NILES BOULEVARD FREMONT, CA 94536	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	800.
WAT MONGKOLRATANARAM 1911 RUSSELL STREET BERKELEY, CA 94703	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	800.
WAT MONGKOLRATANARAM 1911 RUSSELL STREET BERKELEY, CA 94703	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
WATERFORD SCHOOL HOLDING CORPORATION 1480 EAST 9400 SOUTH SANDY, UT 84093	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
WATERKEEPER ALLIANCE 180 MAIDEN LANE NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
WATERKEEPER ALLIANCE 180 MAIDEN LANE NEW YORK, NY 10038	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
WATERKEEPER ALLIANCE 180 MAIDEN LANE NEW YORK, NY 10038	N/A PC	IN SUPPORT OF THE DEER VALLEY FUNDRAISER.	10,000.
WESTERN REGIONAL ADVOCACY PROJECT 2940 16TH STREET SUITE 200-2 SAN FRANCISCO, CA 94103	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
WIKIMEDIA FOUNDATION INC. 149 NEW MONTGOMERY STREET, 6TH FLOOR SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	50.
WIKIMEDIA FOUNDATION INC. 149 NEW MONTGOMERY STREET, 6TH FLOOR SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	70.
WIKIMEDIA FOUNDATION INC. 149 NEW MONTGOMERY STREET, 6TH FLOOR SAN FRANCISCO, CA 94105	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	70.
WILD EARTH ALLIES INC. 2 WISCONSIN CIRCLE, SUITE 900 CHEVY CHASE, MD 20815	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	2,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
WILDCOAST 925 SEACOAST DRIVE IMPERIAL BEACH, CA 91932	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
WILDLIFE CONSERVATION NETWORK, INC. 209 MISSISSIPPI STREET SAN FRANCISCO, CA 94107	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	216.
WILDLIFE CONSERVATION NETWORK, INC. 209 MISSISSIPPI STREET SAN FRANCISCO, CA 94107	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	432.
WILDLIFE CONSERVATION NETWORK, INC. 209 MISSISSIPPI STREET SAN FRANCISCO, CA 94107	N/A PC	IN SUPPORT OF THE SAOLA WORKING GROUP PROGRAM.	200.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	660.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
WSKG PUBLIC TELECOMMUNICATIONS COUNCIL 601 GATES ROAD VESTAL, NY 13850	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	660.
YALE UNIVERSITY SAGE HALL, 205 PROSPECT STREET NEW HAVEN, CT 06511	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	500.
YALE UNIVERSITY SAGE HALL, 205 PROSPECT STREET NEW HAVEN, CT 06511	N/A PC	IN SUPPORT OF THE ANNUAL FUND.	3,000.
YALE UNIVERSITY SAGE HALL, 205 PROSPECT STREET NEW HAVEN, CT 06511	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	400.
YELLOWSTONE ASSOCIATION 115 S 3RD STREET GARDINER, MT 59030	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	200.
YOSEMITE FOUNDATION 101 MONTGOMERY STREET, SUITE 1700 SAN FRANCISCO, CA 94104	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	300.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEARATTACHMENT 20 (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>
YOUTH TENNIS ADVANTAGE PO BOX 330458 SAN FRANCISCO, CA 94133	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
YOUTH VILLAGES, INC. 3320 BROTHER BOULEVARD MEMPHIS, TN 38133	N/A PC	IN SUPPORT OF GENERAL OPERATIONS.	100.
		TOTAL CONTRIBUTIONS PAID	<u>291,254,917.</u>