Experimental Physics Investigators (EPI) Initiative

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Gordon and Betty Moore Foundation

Science

Environmental Conservation

The Bay Area

Patient Care
Experimental Physics Investigators: Overview

**Looking to support high-risk, high-reward research for mid-career individuals**

- Cohorts of 20 individuals/year.
- 5 years of support: $1.25M
- Supplemental instrumentation fund
- Annual gathering of investigators
- Commitment to supporting inclusive research groups that promote equity in the community
- Goal of building cohorts of distinguished scholars that will advance experimental physics
- Two-stage proposal process: low bar for applying
- **Pre-proposals due 30 November**

Email: EPI@moore.org
Experimental Physics Investigators: Eligibility

- Received tenure within past 5 years (or equivalent), allow possible non-COVID extension for life-events that impacted research productivity
- Earned tenure at the institution you are applying from
- US institution
- Experimental physics (related disciplines considered, but we are aiming to support a set of individuals who can collaborate and generate new synergistic ideas to advance the field)
Experimental Physics Investigators: Disciplinary Focus

**Supported**
- Atomic/molecular/optical physics
- Biophysics
- Chemical physics
- Condensed matter
- Fluid dynamics
- Geophysics
- Laser physics
- Materials
- Polymer physics
- Plasma physics
- Precision measurements
- Quantum information
- Soft matter physics

**Not Supported**
- Work in large collaborations
- Theoretical physics
- Computational work
- Observational work (e.g., astronomy)
- Public engagement research
- Education research
Experimental Physics Investigators: Pre-proposal Details

- Brief outline of an exciting new direction that would be difficult to pursue on your current trajectory or with current research efforts including a description of how the proposed research will advance the field (6,000-character limit)
  - Scientific background
  - Qualifications
  - Central question(s)
  - Potential impact

- PhySH disciplines and concepts of proposed work

- CV data will be extracted from your ORCID profile (employment, education, awards, funding, publications/presentations)

- Professional background: previous contributions, role in funding and publications

- Personal information (internal use only)

Email: EPI@moore.org
Tentative details

• Project description (6 pages), budget
• Answers to questions about promoting equity and inclusion (*do not include this or institutional context in pre-proposal*)
• Answers to questions from chair describing engagement, research directions, etc.
• List of recommended reviewers and those who you would prefer not review (with rationale)
Experimental Physics Investigators: Timeline

- October: Pre-application opened
- 30 November: Pre-application deadline (hard deadline)
- Late January: Applicants informed of status
- Early March: Full proposals due
- June: Decisions
- August: Award process (notification)

- July 2024: Cohort gathering
Questions?
Feedback?
epi@moore.org

Website