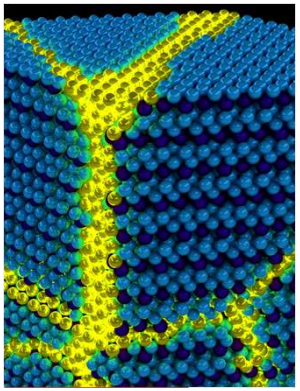
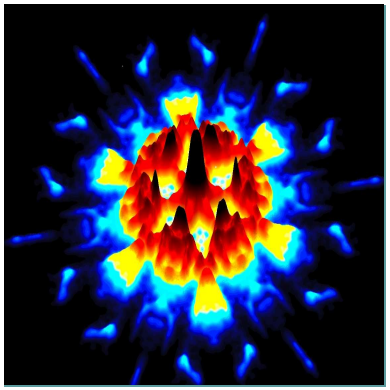
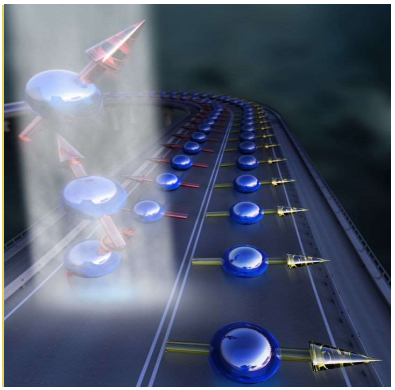
GORDON AND BETTY MOORE FOUNDATION

Grantmaking at the Moore Foundation

BU Meet the Funder, March 26, 2024

Dušan Pejaković, Program Director, Science

Moore Foundation and its Founders

GORDON AND BETTY MOORE FOUNDATION

Gordon E. Moore
1929-2023

Betty I. Moore
1928-2023

- Headquarters in Palo Alto, CA
- Endowment: $9 Billion
- Annual grant payments: $450 Million ($180M for Science)

Moore Foundation's Programmatic Areas

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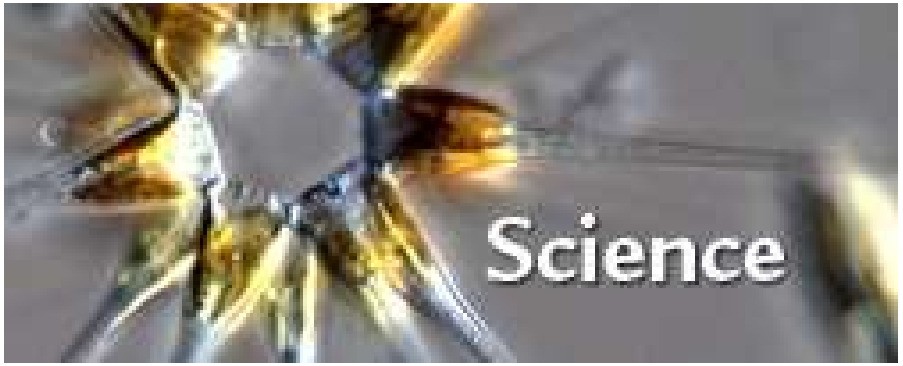

Moore Grantmaking Approaches

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- Commitments
- Initiatives
- Stand-alone grants
- Cross-programmatic opportunities

Moore Strategic Philanthropy

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- Proactively search for timely opportunities
- Actively engage experts
- Design funding strategies to maximize impact
- Perform in-depth internal and external evaluations

Moore Science Program

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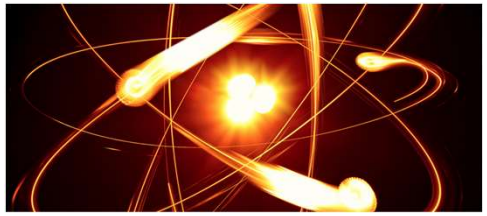
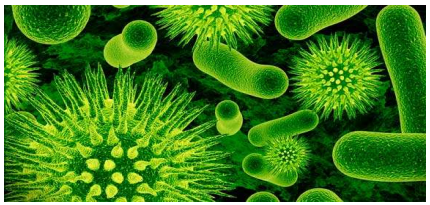
Physics



Microbiology



Science communication

Astronomy

Plant biology

Science learning

Earth sciences

Data science

Public engagement

And more…

Finding our Niche

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- Act early, act fast
- Embrace risk
- Support people, give them freedom, flexibility, time
- Partner with others around large projects

Building a Field

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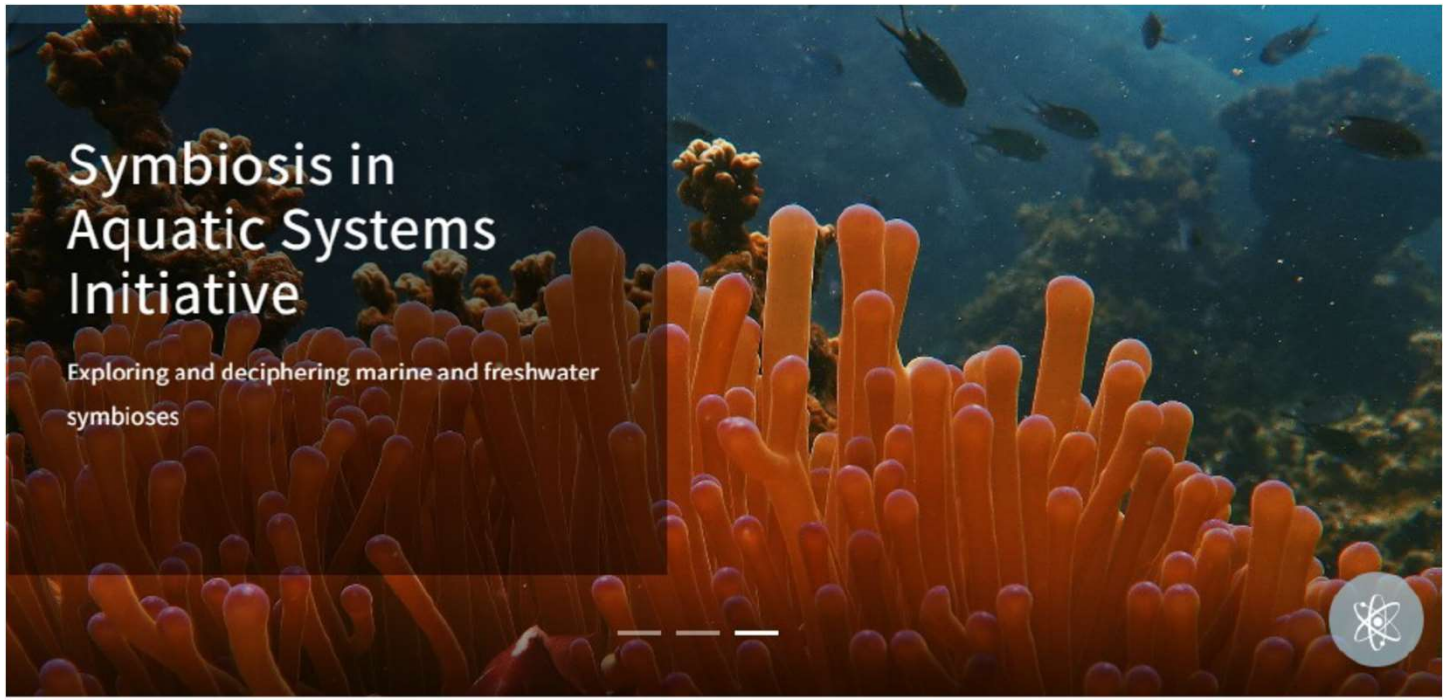

Learning how symbioses that include microorganisms function, evolve and influence aquatic ecosystems

IMPACT STATEMENT

Illuminating how symbioses involving microorganisms function, evolve and serve critical ecosystem roles.

Supporting People at a Key Career Stage

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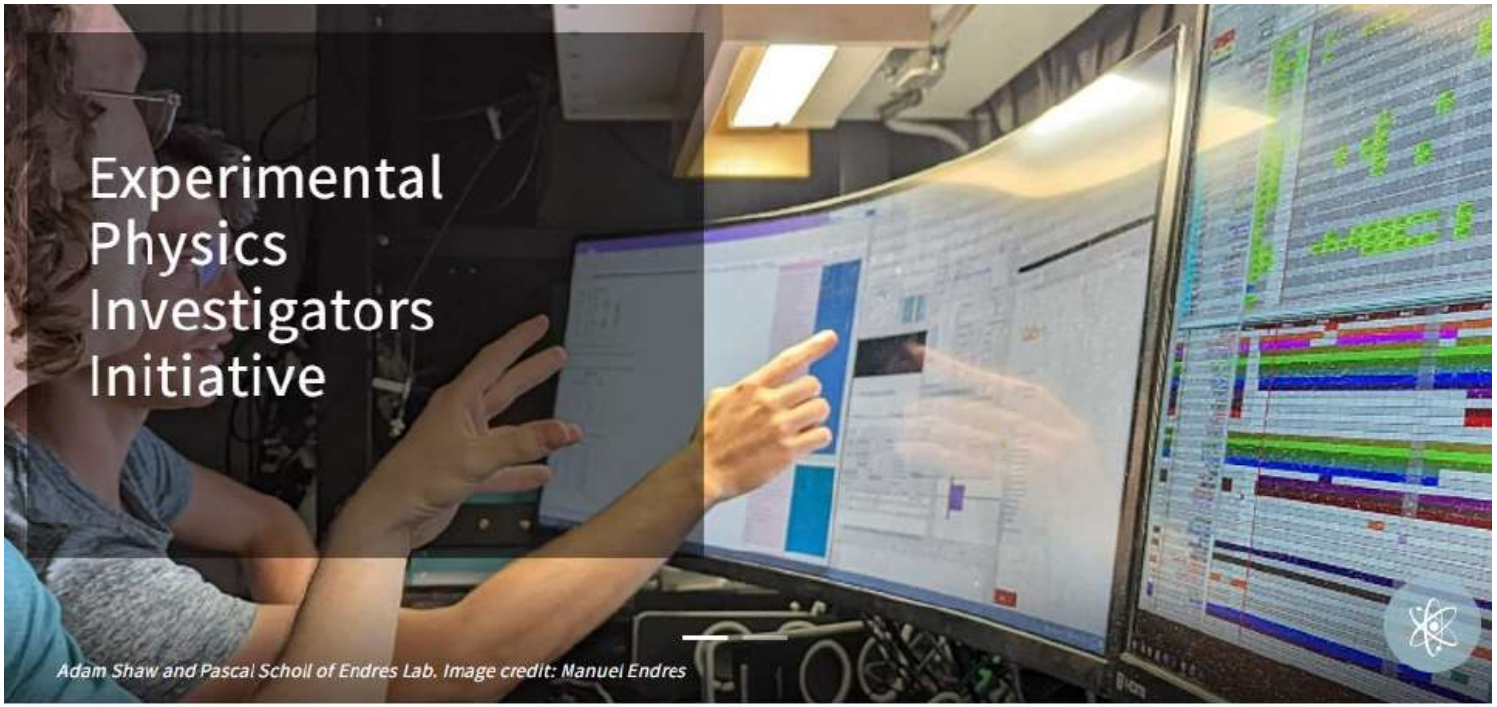

Advancing the frontier of experimental physics

IMPACT STATEMENT

Supporting 120 mid-career scientists to make extraordinary contributions to the field of experimental physics.

Enhancing Public Engagement in Science

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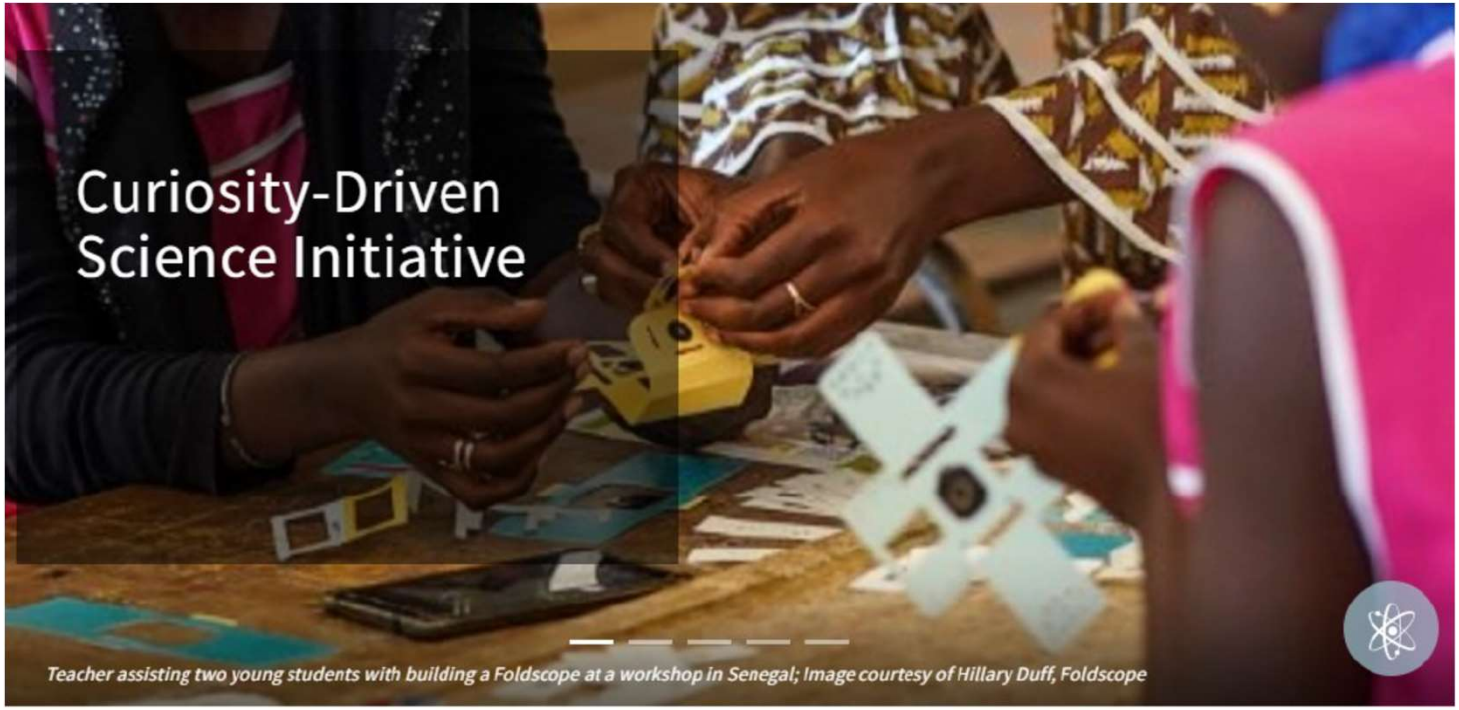

Teacher assisting two young students with building a Foldscope at a workshop in Senegal; Image courtesy of Hillary Duff, Foldscope

Cultivating a scientifically-minded public.

IMPACT STATEMENT

Enhancing opportunities for active public engagement with science as a means to help cultivate a curious and an open-minded public that appreciates, values and uses science.

Advancing Imaging Tools to Visualize Living Cells

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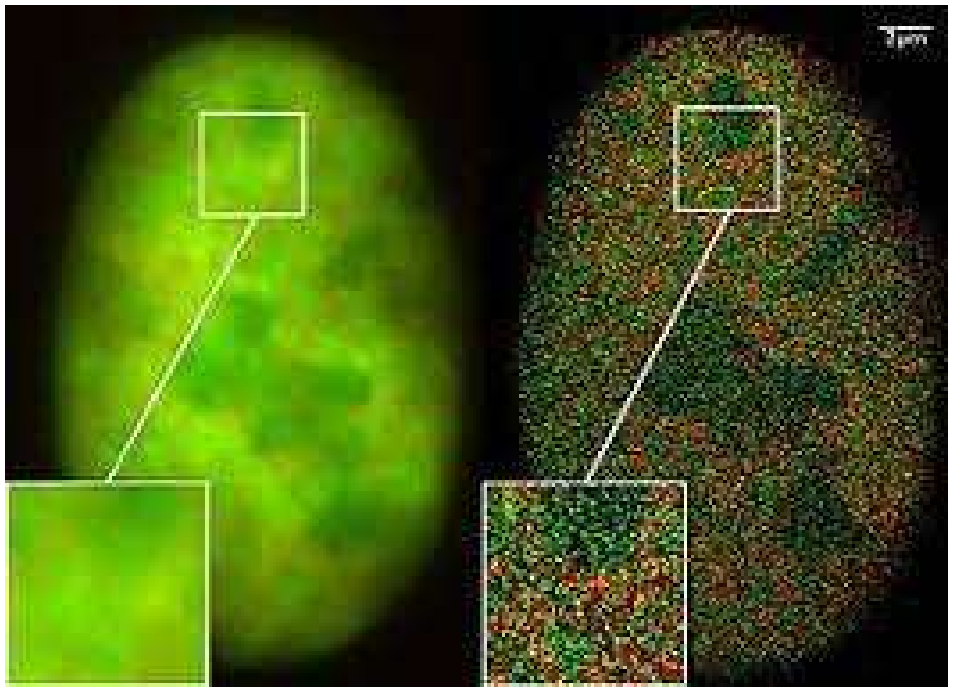

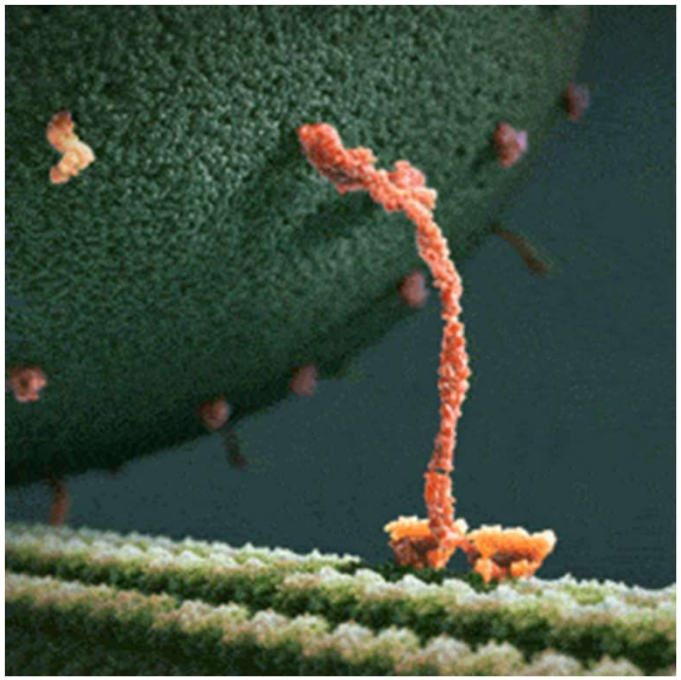

Developing Novel Instrumentation for Astronomy

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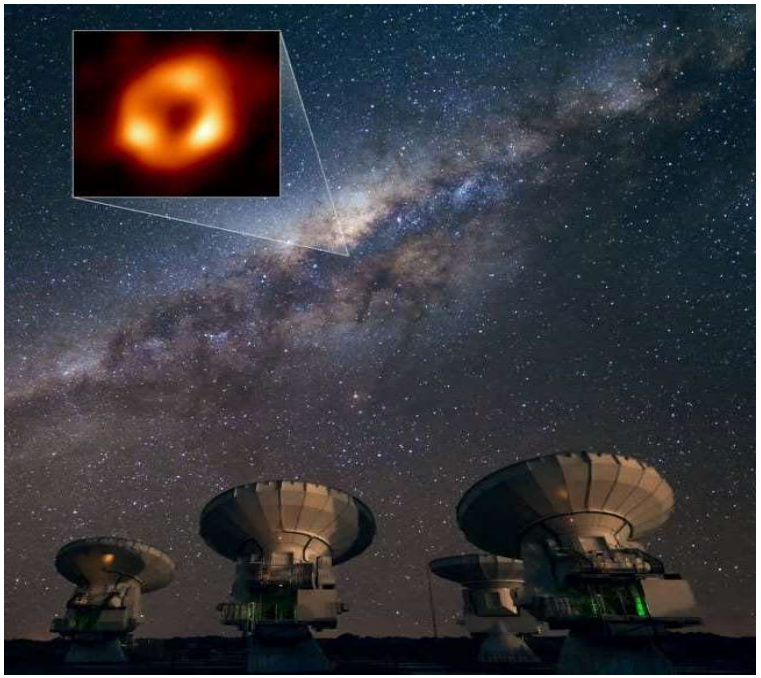

Emergent Phenomena in Quantum Systems (EPiQS)

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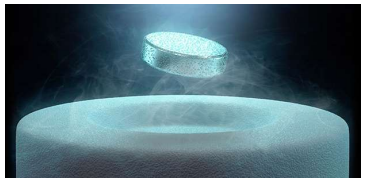
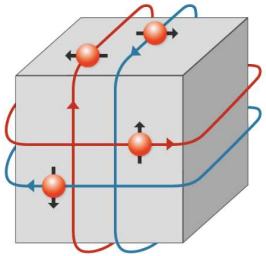
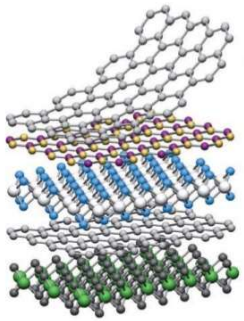
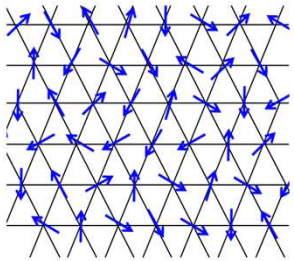
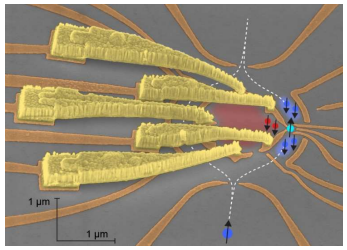
- Enabling breakthroughs in the field of quantum materials
  - Strongly correlated materials
  - Materials with topological order
  - Two-dimensional and layered materials
  - Exotic magnetic systems
- Launched in May 2013
- $188M allocation through 2025

EPiQS Strategic Approach

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- Establish integrated & interdisciplinary program
- Focus funding on top people
- Allow freedom & risk-taking
- Create a community

EPiQS Grant Portfolios

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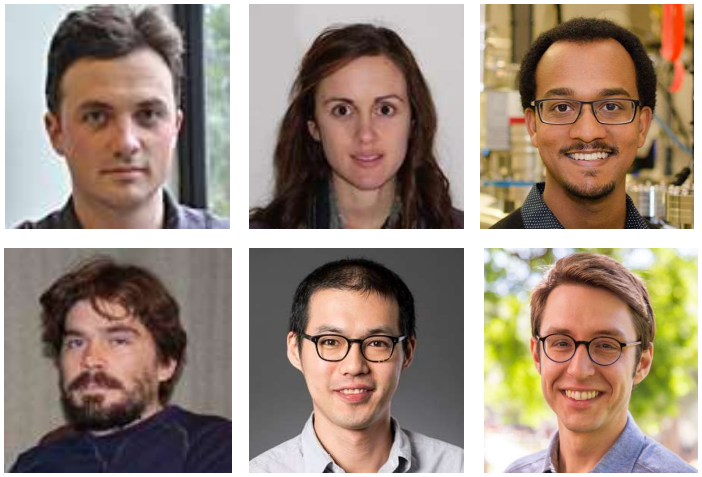
Investigators

33 current grants

Enabling top experimentalists to unleash their creativity

Moore Fellows in Materials Synthesis

6 grants to date



Helping top synthesis talent get established in U.S. academia

EPiQS Grant Portfolios

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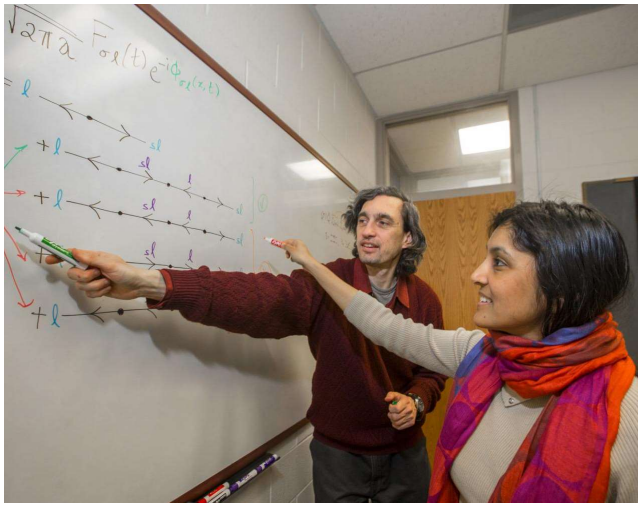
Theory Centers

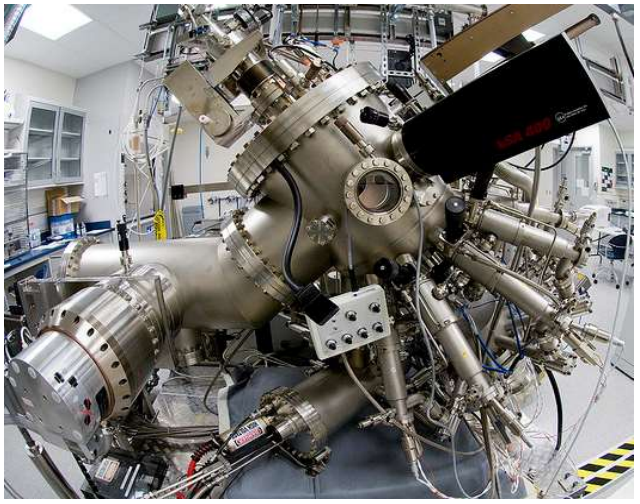
8 current grants



Support for postdocs & visiting scientists

Flexible Funding Grants

13 current grants



Seizing timely project opportunities

EPiQS Grant Sourcing Approaches

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- EPiQS Investigators – open call (U.S.) every 6 years
- Theory Centers – targeted call (U.S.) every 6 years
- Flexible Funding – open call (world) annually
- Moore Synthesis Fellows – open or targeted call every 2-3 years

- No new solicitations in 2024-2025

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Questions?

EPiQS Community Building Activities

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- Annual grantee symposia
- Workshops and summer/winter schools
- QuantEmX scientist exchange program
- Partnerships with other institutions

Early-Stage Funding for Inventions

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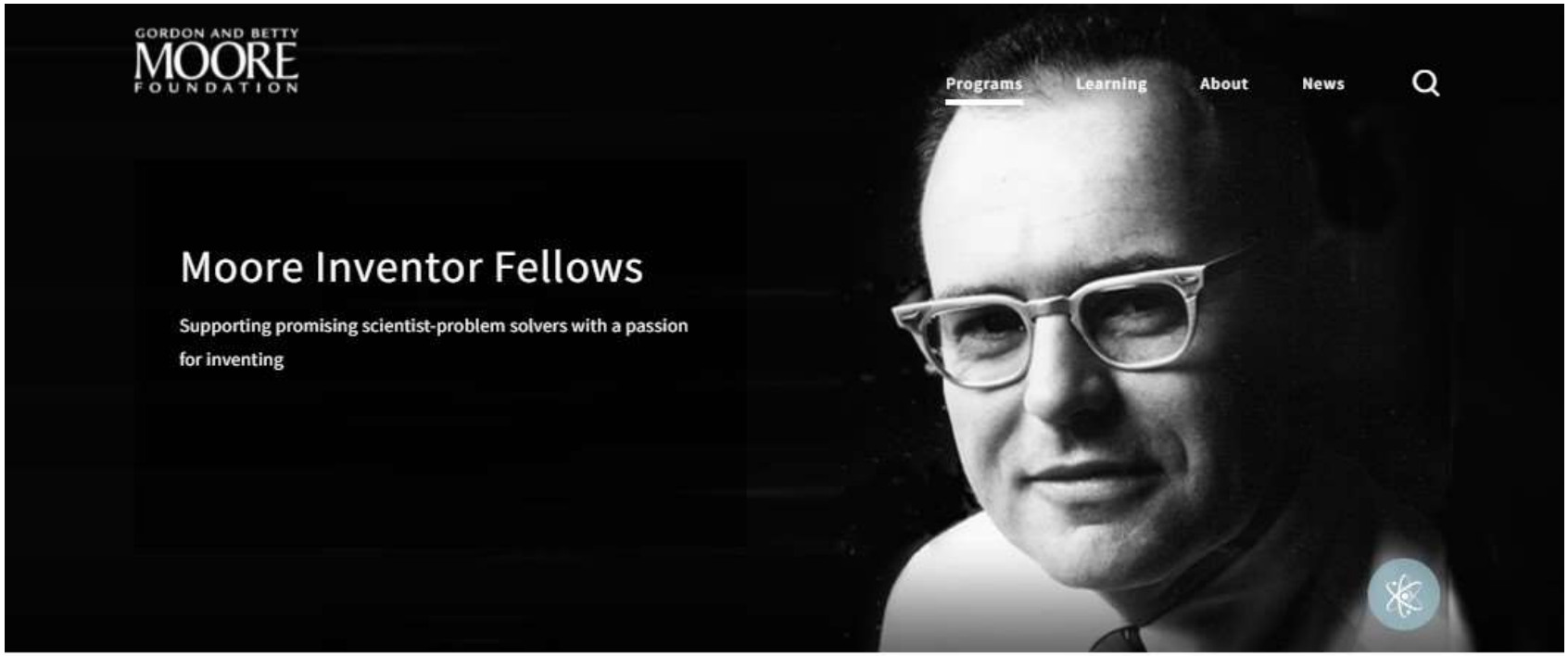

Accelerating progress in scientific research, environmental conservation and patient care

IMPACT STATEMENT
50 inventors to shape the next 50 years.