

**A joint announcement from the
Offices of Research and of Foundation Relations**

The Office of Foundation Relations is pleased to share this limited submission call for funding from the Gordon and Betty Moore Foundation. **Note that this call for LOIs is open to faculty, research scientists, postdocs or other full-time staff who received an M.S., Ph.D. or M.D. received on or after 2015. A list of eligible researchers can be found below. Please forward the call to interested faculty and researchers in your departments and divisions.**

UCSC Contacts

Samantha Forde | FR | forde@ucsc.edu

Molly McCarthy | OR | moamccar@ucsc.edu

Internal Deadline: October 27, 2024, 11:59pm

Funder: Gordon and Betty Moore Foundation

Opportunity: [Moore Inventor Fellows](#)

Overview

The Gordon and Betty Moore Foundation supports early-career scientist-inventors who create new tools, technologies, processes, or approaches with a high potential to accelerate progress in the foundation's three main areas of interest: scientific research, environmental conservation and patient care. The Moore Inventor Fellows program aims to support inventions at a critical prototyping stage that could lead to proof-of-concept or advance an existing prototype that tackles an important problem. Innovations should show promise to make a long-lasting and meaningful impact by addressing underlying problems in their field, but a clear path toward commercialization is not a requirement. Fellows are creative individuals who have big ideas, deep knowledge and the courage to take smart risks.

UC Santa Cruz can submit two nominations for consideration. Please see the full Moore Inventors Fellows [Application Guidelines](#) for additional information. You must be nominated by campus to be considered for the program.

[Previous Winners](#)

[Frequently Asked Questions](#)

Award Amount & Terms

Each fellow will receive \$200,000 per year from the foundation for three years. In addition, the foundation will provide the campus with \$25,000 each year to cover costs associated with administering the grant, resulting in a total three-year award of **\$675,000**. UCSC will be required to contribute \$50,000 in annual direct support of the inventor's work.

Eligibility

Candidates must be faculty, research scientists, postdocs or other full-time staff who can receive funding through their institutions. Candidates must be no more than 10 years past receiving the terminal advanced degree in their field (M.S., Ph.D. or M.D. received on or after 2015). Please see the [FAQs](#) for more information regarding candidate eligibility and exceptions.

Please see the list of eligible candidates below. If you have any questions about eligibility, please contact Samantha Forde in Foundation Relations (forde@ucsc.edu).

To apply

To be considered for campus nomination, applicants should submit materials via [InfoReady](#).

Select “Apply” from the menu on the right-hand side, complete the form, and provide the following:

1. Statement of Invention (2 pages max, single-spaced, 12-point Times New Roman, 1-inch margins, including citations):
 - The first paragraph should describe clearly and without jargon the invention, the problem it seeks to address, and its potential impact.
 - The statement of invention should also include the following information:
 - Description of invention
 - Importance in the area of science, environmental conservation, or patient care and experience
 - Stage of invention
 - Current funding
 - Feasibility
 - Risk
 - Potential Impact
 - Approach for measuring progress during the grant term
2. Two-page CV.
3. Letter of commitment from the applicant, co-signed by your department chair, to devote 25% time to the invention.

Timeline

October 27, 2024, 11:59 p.m.: Internal application due for campus selection.

By November 8, 2024: Following internal campus review, up to 2 finalists will be notified.

November 15, 2024 5:00 p.m. PT: Institutions will provide basic nominee info to GBMF.

December 13, 2024 5:00 p.m. PT: Complete nomination packets due to GBMF.

April 1, 2025: Invitations to presentation round

May 8, 2025: Finalist presentations

May 9, 2025: 2025 cohort selection

Special Instructions

For support developing your proposal, please contact the [Research Development Specialist](#) assigned to your unit or send a request to resdev@ucsc.edu. Within the Division of Social Sciences, please contact Ashlee Tews (ashleeac@ucsc.edu).

Call Sent: September 27, 2024

The Office of Foundation Relations is a unit of University Advancement. The FR team creates and maintains mutually beneficial, long-term relationships with private organizations, matching grant initiatives with educational and research programs and centers. FR supports faculty and staff to identify and approach these and other private foundations for funding, to assist in strategic positioning of the

grant application, and to facilitate funder campus visits. For a list of recent funding opportunities, please visit the FR website. [FR Calls for Funding](#)

Eligible Faculty (please confirm eligibility before submitting)

Last Name	First Name	Department
Chattopadhyay	Ashesh	Applied Mathematics
Gonzalez-Rocha	Javier	Applied Mathematics
Lu	Fan	Applied Mathematics
Matilsky	Loren	Applied Mathematics
Matilsky	Loren	Applied Mathematics
Yanik	Yasar	Applied Mathematics
Aguichine	Artem	Astronomy and Astrophysics
Arunachalam	Prasiddha	Astronomy and Astrophysics
Bailey	Elizabeth	Astronomy and Astrophysics
Blunt	Sarah	Astronomy and Astrophysics
Bradshaw	Andrew	Astronomy and Astrophysics
Chachan	Yayaati	Astronomy and Astrophysics
Chambouleyron	Vincent	Astronomy and Astrophysics
Cortes	Jorge	Astronomy and Astrophysics
Gordon	Tyler	Astronomy and Astrophysics
Heydenreich	Sven	Astronomy and Astrophysics
Idini	Benjamin	Astronomy and Astrophysics
Jensen Clem	Rebecca	Astronomy and Astrophysics
Lacy	Brianna	Astronomy and Astrophysics
Madurowicz	Alex	Astronomy and Astrophysics
Salama	Maissa	Astronomy and Astrophysics

Skaf	Nour	Astronomy and Astrophysics
Sullivan	Kendall	Astronomy and Astrophysics
Taggart	Kirsty	Astronomy and Astrophysics
Zhang	Zhoujian	Astronomy and Astrophysics
Miller	Kyle	Baskin Engineering
Chattopadhyaya	Saran	Biomolecular Engineering
Enbody	Erik	Biomolecular Engineering
Escalona	Merly	Biomolecular Engineering
Felton	Colette	Biomolecular Engineering
Ghosh	Anisa	Biomolecular Engineering
Guiltinan	Carly	Biomolecular Engineering
Habimana	Jean de Dieu	Biomolecular Engineering
Ioannidis	Alexander	Biomolecular Engineering
Jafarzadeh	Nafisehsadat	Biomolecular Engineering
Jonsson	Vanessa	Biomolecular Engineering
Lodewijk	Gerrald	Biomolecular Engineering
Manso	Bryce	Biomolecular Engineering
Medina	Paloma	Biomolecular Engineering
Minari	Karine	Biomolecular Engineering
Peng	Xue	Biomolecular Engineering
Rodriguez Y Baena	Alessandra	Biomolecular Engineering
Rommel	Marcel	Biomolecular Engineering
Russell	Shelbi	Biomolecular Engineering
Sanchez Vasquez	Estefania	Biomolecular Engineering
Shi	Hope	Biomolecular Engineering

Shi	Hope	Biomolecular Engineering
Stanley	John	Biomolecular Engineering
Topacio	Benjamin	Biomolecular Engineering
Velandi Maroli	Sree Lakshmi	Biomolecular Engineering
Yeh	Andy	Biomolecular Engineering
Balasco Serrao	Vitor Hugo	Chemistry and Biochemistry
Ding	Honghe	Chemistry and Biochemistry
Dzimianski	John	Chemistry and Biochemistry
Ehlke Santi Grott	Beatriz	Chemistry and Biochemistry
Feng	Jin	Chemistry and Biochemistry
Fihn	Conrad	Chemistry and Biochemistry
Grundmann	Carlismari	Chemistry and Biochemistry
Kerstiens	Geri	Chemistry and Biochemistry
Khadilkar	Aswad	Chemistry and Biochemistry
Liu	Zhen	Chemistry and Biochemistry
Loerch	Sarah	Chemistry and Biochemistry
Mckinnie	Shaun	Chemistry and Biochemistry
Mercer	Jaron	Chemistry and Biochemistry
Ramachandra	Manasa	Chemistry and Biochemistry
Rodriguez	Kelsie	Chemistry and Biochemistry
Shaikh	Anam	Chemistry and Biochemistry
Singewald	Kevin	Chemistry and Biochemistry
Skrajna	Aleksandra	Chemistry and Biochemistry
Taechalertpaisarn	Jaru	Chemistry and Biochemistry
Wang	Xiao	Chemistry and Biochemistry

Wenger	John	Chemistry and Biochemistry
Herrán	Natalia	Coastal Science and Policy
Carstensdottir	Elin	Computational Media
Eger	Markus	Computational Media
Escarce Junior	Mario	Computational Media
Gorman	Samantha	Computational Media
Hirsch	Linda	Computational Media
Jonas	Rebecca	Computational Media
Lee	David	Computational Media
Lin	Zhiyu	Computational Media
Ringland	Kathryn	Computational Media
Ahmad	Ishtiyaque	Computer Science and Engineering
Alvaro	Peter	Computer Science and Engineering
Arden	Owen	Computer Science and Engineering
Augustine	Eriq	Computer Science and Engineering
Beamer	Scott	Computer Science and Engineering
Beretta	Lorenzo	Computer Science and Engineering
Chatziafratis	Evangelos	Computer Science and Engineering
Demertzis	Ioannis	Computer Science and Engineering
Flanigan	Jeffrey	Computer Science and Engineering
Fremont	Daniel	Computer Science and Engineering
Gilpin	Leilani	Computer Science and Engineering
Harrison	David	Computer Science and Engineering
Hu	Liting	Computer Science and Engineering
Kuper	Lindsey	Computer Science and Engineering

Liu	Yang	Computer Science and Engineering
Marinescu	Razvan	Computer Science and Engineering
Montazeri	Nilloofar	Computer Science and Engineering
Nath	Sagnik	Computer Science and Engineering
Quinn	Andrew	Computer Science and Engineering
Richmond	Dustin	Computer Science and Engineering
Sandhu	Juspreet Singh	Computer Science and Engineering
Sorensen	Tyler	Computer Science and Engineering
Souza	Abel	Computer Science and Engineering
Sundara Raman	Ram	Computer Science and Engineering
Wang	Xin	Computer Science and Engineering
Xie	Cihang	Computer Science and Engineering
Xu	Yuanchao	Computer Science and Engineering
Yue	Hao	Computer Science and Engineering
Zhou	Yuyin	Computer Science and Engineering
Armstrong	Katherine	Earth & Planetary Sciences
Audette	Alexandre	Earth & Planetary Sciences
Chapman	William	Earth & Planetary Sciences
Cruz	Miguel	Earth & Planetary Sciences
Davar	Lida	Earth & Planetary Sciences
Farge	Gaspard	Earth & Planetary Sciences
Gaskell	Daniel	Earth & Planetary Sciences
Lambert	Valere	Earth & Planetary Sciences
Morad	Doron	Earth & Planetary Sciences
Pico	Tamara	Earth & Planetary Sciences

Richardson	Christina	Earth & Planetary Sciences
Steinhardt	William	Earth & Planetary Sciences
Telus	Myriam	Earth & Planetary Sciences
Adamczak	Stephanie	Ecology and Evolutionary Biology
Arcila Hernandez	Lina	Ecology and Evolutionary Biology
Baldwin	Justin	Ecology and Evolutionary Biology
Beltran	Roxanne	Ecology and Evolutionary Biology
Bhatti	Ali	Ecology and Evolutionary Biology
Bogan	Samuel	Ecology and Evolutionary Biology
Borker	Abraham	Ecology and Evolutionary Biology
Da Cunha Godoy	Lucas	Ecology and Evolutionary Biology
De Sanctis	Bianca	Ecology and Evolutionary Biology
Garcia	Obed	Ecology and Evolutionary Biology
Ginther	Sam	Ecology and Evolutionary Biology
Glaserapp	Matthew	Ecology and Evolutionary Biology
Goljani Amirkhiz	Reza	Ecology and Evolutionary Biology
Gomez	Jen	Ecology and Evolutionary Biology
Hocevar	Sara	Ecology and Evolutionary Biology
Kirchholtes	Renske	Ecology and Evolutionary Biology
Kouba	Paige	Ecology and Evolutionary Biology
Lopes Oliveira	Samuel	Ecology and Evolutionary Biology
Macias-Munoz	Aide	Ecology and Evolutionary Biology
Mcentee	Molly	Ecology and Evolutionary Biology
Mensingher	Matt	Ecology and Evolutionary Biology
Miller	Timothy	Ecology and Evolutionary Biology

Morales	Mark	Ecology and Evolutionary Biology
Parandhaman	Anjana	Ecology and Evolutionary Biology
Perry	Blair	Ecology and Evolutionary Biology
Rangel	Racine	Ecology and Evolutionary Biology
Reid	Brendan	Ecology and Evolutionary Biology
Simons	Ariel	Ecology and Evolutionary Biology
Steigerwald	Emma	Ecology and Evolutionary Biology
Wilkinson	Christine	Ecology and Evolutionary Biology
Baniya	Prabhat	Electrical and Computer Engineering
Basu	Himadri	Electrical and Computer Engineering
Ellis	Nathan	Electrical and Computer Engineering
Eshraghian	Jason	Electrical and Computer Engineering
Hellier	Kaitlin	Electrical and Computer Engineering
Huh	Tae Myung	Electrical and Computer Engineering
Josephson	Colleen	Electrical and Computer Engineering
Kim	Su Jung	Electrical and Computer Engineering
Li	Houpu	Electrical and Computer Engineering
Li	Yixiang	Electrical and Computer Engineering
Luka	George	Electrical and Computer Engineering
McGuire	Stephen	Electrical and Computer Engineering
Moarefian	Maryam	Electrical and Computer Engineering
Moltafet	Mohammad	Electrical and Computer Engineering
Seiler	Spencer	Electrical and Computer Engineering
Voitiuk	Kateryna	Electrical and Computer Engineering
Ye	Hao	Electrical and Computer Engineering

Zeraatkar	Mojtaba	Electrical and Computer Engineering
Zhang	Yu	Electrical and Computer Engineering
Bridel	Anna	Environmental Studies
Kavhu	Blessing	Environmental Studies
Madsen	Sidney	Environmental Studies
Montenegro	Maywa	Environmental Studies
Neate-Clegg	Montague	Environmental Studies
Ocampo-Penuela	Natalia	Environmental Studies
Schubert	Spencer	Environmental Studies
Seto	Katherine	Environmental Studies
Waterhouse	Hannah	Environmental Studies
Winton	Scott	Environmental Studies
Yang	Bo	Environmental Studies
Eizenga	Jordan	Genomics Institute
McCartney	Ann	Genomics Institute
Mostajo Radji	Mohammed	Genomics Institute
Bizzarro	Joseph	Institute of Marine Sciences
Burford	Benjamin	Institute of Marine Sciences
Cimino	Megan	Institute of Marine Sciences
Cullen	Josh	Institute of Marine Sciences
Daniels	Miles	Institute of Marine Sciences
Diaz	Stephanie	Institute of Marine Sciences
Fitzgerald	Alyssa	Institute of Marine Sciences
Frawley	Timothy	Institute of Marine Sciences
Gasbarro	Ryan	Institute of Marine Sciences

Gilbert	James	Institute of Marine Sciences
Hinchliffe	Charles	Institute of Marine Sciences
Islam	Iftikhar	Institute of Marine Sciences
Kelso	Megan	Institute of Marine Sciences
Lezama Ochoa	Nerea	Institute of Marine Sciences
Menendez Fernandez	Pelayo	Institute of Marine Sciences
Olivetti	Simone	Institute of Marine Sciences
Payne	Cheyenne	Institute of Marine Sciences
Preti	Antonella	Institute of Marine Sciences
Rezaie	Ali Mohammad	Institute of Marine Sciences
Richards	Travis	Institute of Marine Sciences
Saha	Bijeta Bijen	Institute of Marine Sciences
Schonfeld	Adena	Institute of Marine Sciences
Seary	Rachel	Institute of Marine Sciences
Sharma	Abhinav	Institute of Marine Sciences
Taylor-Burns	Rae	Institute of Marine Sciences
Gharakhloo	Roozbeh	Mathematics
Jankiewicz	Kasia	Mathematics
Lasic Latimer	Tomas	Mathematics
Pan	Jiayin	Mathematics
Diamos	Andrew	Microbiology and Environmental Toxicology
Kimmey	Jacqueline	Microbiology and Environmental Toxicology
Liu	Xiaolin	Microbiology and Environmental Toxicology

Morales Fenero	Camila Ideli	Microbiology and Environmental Toxicology
Piepoli	Sofia	Microbiology and Environmental Toxicology
Potapova	Anna	Microbiology and Environmental Toxicology
Ashley	Guinevere	Molecular, Cell, and Developmental Biology
Asogwa	Chinweike	Molecular, Cell, and Developmental Biology
Boyd	David	Molecular, Cell, and Developmental Biology
Das	Biswajit	Molecular, Cell, and Developmental Biology
Devigne	Alice	Molecular, Cell, and Developmental Biology
Dickson	Richard	Molecular, Cell, and Developmental Biology
Finn	Thomas	Molecular, Cell, and Developmental Biology
Gupta	Alka	Molecular, Cell, and Developmental Biology
Holmes	Andrew	Molecular, Cell, and Developmental Biology
Jasani	Akshi Atul	Molecular, Cell, and Developmental Biology
Kabbani	Lyna	Molecular, Cell, and Developmental Biology
Kapoor	Shruti	Molecular, Cell, and Developmental Biology
Ma	Shaorong	Molecular, Cell, and Developmental Biology
Menendez	Julien	Molecular, Cell, and Developmental Biology

Mills	Alison	Molecular, Cell, and Developmental Biology
Mullen	Brian	Molecular, Cell, and Developmental Biology
Neeb	Zachary	Molecular, Cell, and Developmental Biology
Nie	Yanzhen	Molecular, Cell, and Developmental Biology
Patel	Bhumil	Molecular, Cell, and Developmental Biology
Ragle	James	Molecular, Cell, and Developmental Biology
Romero	Matthew	Molecular, Cell, and Developmental Biology
Sevetson	Jess	Molecular, Cell, and Developmental Biology
Shanks	James	Molecular, Cell, and Developmental Biology
Vargova	Greta	Molecular, Cell, and Developmental Biology
Allen	Jennifer	Ocean Sciences
Botero Acosta	Natalia	Ocean Sciences
Conroy	Jack	Ocean Sciences
Fredston	Alexa	Ocean Sciences
Mak	Wing Kwan	Ocean Sciences
Moreno	Alli	Ocean Sciences
Moscoco	Jordyn	Ocean Sciences
Pallin	Logan	Ocean Sciences
Pennelly	Clark	Ocean Sciences
Saha	Aurpita	Ocean Sciences

Sun	Yuchen	Ocean Sciences
Trubovitz	Sarah	Ocean Sciences
Turk-Kubo	Kendra	Ocean Sciences
Vasbinder	Kelly	Ocean Sciences
Walker	Emma	Ocean Sciences
Alexandradinata	Aris	Physics
Yao	Qirong	Physics
Zhu	Tianhui	Physics
Balkin	Reuven	Santa Cruz Institute for Particle Physics
Banihashemi	Batoul	Santa Cruz Institute for Particle Physics
Geller	Sarah	Santa Cruz Institute for Particle Physics
Hervet	Olivier	Santa Cruz Institute for Particle Physics
Ortberg	John	Santa Cruz Institute for Particle Physics
Ott	Jennifer	Santa Cruz Institute for Particle Physics
Shashi	Sanjit	Santa Cruz Institute for Particle Physics
Shin	Taylor	Santa Cruz Institute for Particle Physics
Stark	Giordon	Santa Cruz Institute for Particle Physics
Wang	Alex	Santa Cruz Institute for Particle Physics
Alfaro Cordoba	Marcela	Statistics
Hyun	Sangwon	Statistics
Li	Richard	Statistics
Parker	Paul	Statistics
Wang	Yunan	Statistics
Mas-Ribas	Lluís	University of California Observatories
Patra	Kishore	University of California Observatories

Pelliccia	Debora	University of California Observatories
Rees	Jon	University of California Observatories
Stelter	Deno	University of California Observatories