

George and Judy Marcus Innovation Fund
Marcus Program in Precision Medicine Innovation
2018 Call for Proposals

Call for Proposals Announced	May 1, 2018
Proposal Application Deadline	June 12, 2018
Announcement of Awards	By July 20, 2018 (target funding start - September 1)
Project Timeline	1 year

The **Marcus Program in Precision Medicine Innovation (MPPMI)** seeks to fuel innovation in precision medicine by fostering creative, high risk, high impact team science projects anchored in basic science and extending into the precision medicine continuum toward improved patient outcomes. See MPPMI Program Overview on the [program website](#).

The MPPMI invites proposals for our 2018 funding in two award categories, **Seeding Bold Ideas**, and **Transformative Integrated Research**. Each category:

- supports translational precision medicine research with a strong basic science core.
- requires two or more co-PIs: at least one a basic scientist, and at least one a clinical, social/behavioral, implementation or population scientist; either existing or newly formed teams may apply.
- seeks high-risk thinking or approaches that will likely yield explicit “deliverables” (including discovery that the idea was wrong) after one year.

In addition, this year we are introducing the **Marcus Award Supplement** for the MP-TIR awards. Eligible projects can receive up to \$100,000 in additional funds. To receive the Supplement, the collaborative projects **MUST**:

- be selected to receive a 2018 MP-TIR award, AND
- include a partnering social/behavioral, implementation or population scientist
- OR include a novel and substantive computational science element that ties the project to and contributes to the development of the [Information Commons or Knowledge Network](#).

Marcus Program Seeding Bold Ideas Award (MP-SBI)

- Up to \$75,000 for one year
- SBI awards enable initial exploration of untested concepts or hypotheses with great potential impact
- Up to four awards granted

Marcus Program Transformative Integrated Research Award (MP-TIR)

- Up to \$300,000 for one year
- TIR awards support new directions for established basic science-driven translational studies
- Up to three awards granted

Marcus Program Transformative Integrated Research Award Supplement (Marcus Award Supplement)

- Up to \$100,000 Supplement for one year (for eligible MP-TIR awards)
- To encourage inclusion of social/behavioral, implementation or population science, as well as novel computational science

Eligibility:

UCSF Faculty, at least one with an Academic Senate Appointment; UCSF Sandler Fellows and Physician Scientist Scholars Program awardees are also eligible.

Selection Process:

A diverse faculty committee with appropriate expertise and understanding of precision medicine goals will select MP-SBI and MP-TIR awardees and establish funding levels.

Criteria (1-4 **must** be met; address 5-7 explicitly to the extent that they apply to your proposal):

1. innovative precision medicine approach grounded in a basic science problem or question
2. potential for tangible benefit to patients, including the likelihood that the study will have an immediate impact;
3. potential for data integration, bridging basic and translational research
4. multidisciplinary composition and expertise of team members.
5. attention to particular challenges of computational needs, interoperability, health disparities, privacy, participant engagement, consent, security, ethical and/or regulatory issues.
6. potential downstream use of tools, measurements, approaches, and data, including open public accessibility of generated data and publications
7. potential to scale, and to leverage the 15 million EHR from across the UC Health centers

Proposal Instructions (Arial 11 font; 0.5 inch margins)

1. Cover Page (1 page limit): Cover page with name of award program, deadline, title of proposal, scientific disciplines represented in the collaboration, amount of funding requested, Principal Investigator names, academic titles, departments, phone numbers, UCSF box numbers, and email addresses. Identify the contact PI and the UCSF department that will manage the award, the accounting manager/contact name, UCSF box number, email address, and phone number.
2. Project Description (2 page limit): Rationale/background; proposed research; innovation; impact. Preliminary data not required. Figures must be included within these 2 pages.
3. Competitive Renewal Statement (if applicable, additional 1 page to Project Description): *If this proposal is a request for Year 2 follow-on funding of a 2017 project award*, please describe the research results obtained with Year 1 funding, including the extent to which Year 1 goals were achieved and/or any issues encountered. Describe the relationship between the aims of the Year 1 funding proposal and those proposed for Year 2.
4. Marcus Award Supplement Request (if, applicable, additional ½ page to Project Description): *If this proposal includes a request for supplemental funding through the Marcus Award Supplement*, please describe the specific aspect of the project that involves social/behavioral, implementation or population science, or novel computational science, and how this/these element(s) contribute to the overall aims and goals of the research project. Describe how these elements will specifically address the potential impact of the project to precision medicine, generally.
5. References (not part of page limitations)
6. Budget and Budget Justification (1 page limit): Funds may not support faculty salary.
7. Biosketch (not part of page limitations): for each PI, new NIH format.
8. Current & Pending Support (not part of page limitations): All current and pending intramural and extramural research support information for each PI, following the NIH format.

Submission: As a single PDF, via email to Gretchen Kiser at rdoinfo@ucsf.edu no later than Tuesday, June 12, 2018, 5:00 pm PST. **NOTE:** Include contact PI last name in the file name and put *Marcus Award* in the Subject Line.

Program contact: *Gretchen Kiser, PhD, in the UCSF Research Development Office: 415.502.1665;
rdoinfo@ucsf.edu*