

The RDO serves at the nexus of research and research administration, acting as a catalyst for the UCSF research enterprise by facilitating productive research collaboration, early pilot funding, and effective proposal development.

- **3TS:** T32 Trainee Tracking Program
- **SSP:** Special Strategic Projects
- **RAP:** Resource Allocation Program
- **LSP:** Limited Submission Program
- **LGDP:** Large Grant Development Program
- **TSP:** Team Science Program
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3TS: T32 Trainee Tracking Program

T32 NIH Updates from the T32 Trainee Tracking (3TS) Program

- October 2019 marked the beginning of the NIH requirement for utilizing the [xTRACT tool](#) for T32 Research Performance Progress Report (RPPR) submissions. Due to the lengthy process of historical data the process is proving to be lengthy. Limitations in the xTRACT reporting output on the final RPPR have been identified by the 3TS program
- The 3TS program continues to offer support to programs with transferring RPPR data into the xTRACT module, but encourages all programs interested in training and assistance to contact [Halima Mohammed Todd](#) three months before the RPPR is due for submission. For additional information on RPPR due dates please log into eRA Commons or your Research Management Services (RMS) contact.
- New feature to NIGMS T32 Funding Opportunity: All submissions are considered new (Type 1) applications, and there will be no renewal (Type 2) applications received under the new FOA. If you have additional questions, contact RMS.
- Upcoming due date for T32 Renewal Applications: *September 25, 2020*
Applicants should check with the relevant Institute or Center (IC), since some do not accept T series applications for all three receipt/review/award cycles.
- For an online library of successful training grant proposals and resources, please visit the Training Grants [RDO Guides page](#).

The 3TS program will continue to post information regarding NIH training grant notifications on the **T32 Administrators Group Chatter** page on the Chatter page. To join the group send an email request to [Halima Mohammed Todd](#) or contact Halima through the link on the [T32 Administrators Group Chatter page](#).

We are here to support and guide you through your T32 grants submissions process. Contact [Halima Mohammed Todd](#) if you have questions.

SSP: Special Strategic Projects

Tri-Institutional Partnership in Microbiome Research (Tri-P Microbiome)

UC San Francisco (UCSF), UC Davis (UC Davis) and Lawrence Berkeley National Laboratory (LBNL), have formed a **Tri-Institutional Partnership in Microbiome Research** to catalyze and fund bold, synergistic, and potentially transformative collaborative research, addressing the major gaps in microbiome knowledge and technology identified by the [OSTI Microbiome Interagency Working Group's FY2018-2022 Strategic Plan for Microbiome Research](#). In February, LBNL hosted 85 researchers from UCSF, UC Davis, and LBNL for a networking workshop, where a jointly funded \$1 million proposal opportunity was announced with the support of institutional leaders - UC Davis Vice Chancellor for Research Prasant Mohapatra, LBNL Director Mike Witherell and , and UCSF Vice Chancellor for Science Policy and Strategy Keith Yamamoto and UCSF Chancellor Sam Hawgood.

By bringing together data scientists and biological researchers to generate novel hypotheses and co-design experiments, the Tri-P Microbiome initiative will generate impactful and novel research with concomitant structured data that will enable additional discoveries and insights through advanced computational approaches and high-performance computing resources, being mindful to position the institutions favorably for follow-on extramural funding. A unique aspect of the Tri-P Microbiome Initiative is its data-driven focus and data structural framework brought through the participation of LBNL's DOE-funded National Microbiome Data Collaborative (NMDC). The NMDC was founded to support the long-term advancement of microbiome science by building an open and integrated data system.

Cross-institutional proposals were due in April and reviewed by researchers with relevant expertise from UCSF, UC Davis, and NMDC/Berkeley Lab. Based on the reviews and discussion, the review committee developed a list of funding recommendations. TriP Microbiome leadership and organizing committee discussed the review committee recommendations and awarded funding to the following five teams:

- Colonization resistance against *Candida*, Andreas Baumler* (UC Davis), Suzanne Noble (UCSF), Krystle Reagan (UC Davis), Hannah Savage (UC Davis), Andrew Tritt (Berkeley Lab)
- FODMAP utilization by the microbiota, Andreas Baumler* (UC Davis), Emiley Eloie-Fadrosch (Berkeley Lab), Peter Turnbaugh (UCSF)
- MicroMetabolome: a biological and analytical framework of the human microbiome-metabolome axis, James Bentley Brown (Berkeley Lab), Oliver Fiehn (UC Davis), Matthew Spitzer* (UCSF)
- Precision editing of gut dysbiosis in inflammatory bowel disease for ameliorating inflammation, Adam Arkin (Berkeley Lab), Maneesh Dave* (UC Davis)
- Unraveling strain-level virus-host dynamics in diverse ecosystems, C. Titus Brown (UC Davis), Joanne Emerson* (UC Davis), Peter Turnbaugh (UCSF), Simon Roux (Berkeley Lab)

*Contact Principal Investigators for the proposal team. The interdisciplinary projects are expected to start this summer.

COVID-19 Response

COVID-19 Rapid Response Pilot Grant Initiative:

In March and April, the RDO partnered with the UCSF Academic Senate, UC National Laboratory Fees Research Program (LFRP) Block Grant through UCOP, UCSF-Gladstone Center for AIDS Research (CFAR), and the Chancellor's COVID-19 Response Fund to develop, manage a funding competition and award funds for the COVID-19 Rapid Response Pilot Grant Initiative. The program offered two tiers: \$5000 and \$40,000, both for one-year projects. Initiative proposals

were due on April 21st and we received 15 proposals to the Tier 1 (\$5000) and 60 proposals to the Tier 2 (\$40,000) initiatives. These received expert scientific review and discussion. The review committee delivered scores and comments as well as a slate of 10 proposals in each tier recommended for funding. The directors of the funding entities met and made funding decisions based on these recommendations, their agency priorities and available funding. Note that even more proposals were funded than the program originally had funding to support. Specifically, CFAR was able to support additional HIV-associated COVID-19 projects, and the RDO sought additional funding from the Chancellor to fund two additional \$40,000 proposals. Collaboratively, we were able to award over \$485,000 for 10 Tier 5K and 11 Tier 40K proposals.

Recipients are listed on the [RDO website](#).

COVID-19 Related Research Website:

Check it out!

The RDO led the effort, sponsored by the UCSF Office of Research and research stakeholders, to develop a new website to serve as a clearinghouse for COVID-19 related research matters. The site - covidresearch.ucsf.edu - is a compendium of SARS-CoV-2 and COVID-19 research projects to encourage campus collaboration and provide a central source for resources and funding opportunities. It is designed to enable the UCSF research community to find all of the information they need to build connections, find funding, and generate new knowledge during this critical time. We are also inviting members of the public to visit this site to learn about the range of our current research-in-progress and explore specific projects as well as opportunities to participate in clinical trials. We gratefully acknowledge the expertise and effort given by the whole team:

- Office of Research:
 - Irene Broderick
 - Research Development Office: Gretchen Kiser, Beth Moseley
 - Office of Sponsored Research: Cathy Dunn, Joyce Abe
- Faculty Lead: Michael McManus
- IT Web Development Team: Jayson Jaynes, John Kealy, Vanessa Palacios, Alina Goncharova (on loan from CTSI Research Technology team)
- IT Research Informatics: Remi Frazier

RAP: Resource Allocation Program

RAP Spring 2020 Cycle – Award Competition is Completed!

For the most recent (Spring 2020) cycle, RAP received **165** applications for grant awards from **17** funding agencies. Of the **162** applications reviewed by RAP, **53** applications (with 1 application co-funded) were awarded for a total of \$2,420,575 (32% success rate). Two applications submitted to the Core Operational Improvement Award (COIA) were selected for funding by the Research Resource Program for an additional \$200,000; 3 applications were independently reviewed: 1 by the UCSF Diabetes Research Center and 2 by the UCSF Nutrition and Obesity Research Center (NORC). Further information regarding current awardees and statistics can be found on the [RAP website: Resources](#).

After the agencies have reviewed applications and determined their funding intentions, the competition concludes and award notifications are sent out via e-mail. Written reviews and final scores are accessible via the applicant's dashboard. Awardees should expect a financial analyst from the awarding agency to reach out directly within 2- 3 weeks following final award notification. Managing and overseeing all post award stages and activities are the responsibility of the funding agency. RAP Central is no longer involved after dissemination of award announcements.

Reviewer Acknowledgement

We are grateful for the service that each of the expert faculty reviewers provides for RAP every cycle. An acknowledgement letter crediting a reviewer's service and contribution to the University is available for download via the reviewer's dashboard.

Stay Tuned! RAP Fall 2020 Cycle begins in August

The next Call for Applications for the **RAP Fall 2020 Cycle** is Monday, **August 24, 2020**. The **deadline to submit applications** will be **September 21, 2020**, 2pm PST.

During the summer months, RAP works with each of the funding agencies to determine which grant opportunities will be offered for the next cycle and assisting them with the preparation of their RFP.

RAP welcomes new partnerships with on-campus programs interested in leveraging the RAP grant competition model. A single online application allows one to submit to any grant mechanism offered each cycle. Submitted applications are reviewed by standing committees comprised of leading faculty expert volunteers in a given medical research field. Applicants are reminded that their aim should be on selecting a suitable grant mechanism rather than a funding agency. The funding agency selects the awardees.

LSP: Limited Submission Program

Current LSOs of note:

Internal Deadline	Sponsor	Opportunity Title
August 5	NSF	NSF Partnerships for Innovation (PFI): RP track
August 9	Rita Allen Foundation	Rita Allen Foundation Scholars Program
August 16	NSF	NSF INCLUDES
August 16	NIH - NIDDK	NIH NIDDK Continuation of the Human Pancreas Analysis Program (HPAP) for Type 1 Diabetes (HPAP-T1D)

Upcoming LSOs:

Please see below for some limited submission opportunities (LSOs) we expect to announce over the next few months. Mark your calendars accordingly!

MONTH LSP TO ANNOUNCE	Sponsor	Opportunity Title
September	Blavatnik	National Awards for Young Scientists
September	Damon Runyon	Clinical Investigator Award
October	Mallinckrodt	Young Investigator Grant

October	National Comprehensive Cancer Network	Young Investigator Award
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Please note: These LSOs are typically offered the same time each year. Both the availability and eligibility requirements noted are approximate and subject to change.

Important Links: More information about the LSP & Current LSO listings: rdo.ucsf.edu/LSP.

LGDP: Large Grant Development Program

The LGDP Manager, has left the RDO and the program will be on a significantly restricted availability until a replacement is found. Nevertheless, if you have need in this arena, please contact rdoinfo@ucsf.edu.

Despite this staffing constraint, from April to July, the LGDP has lent support to the development of proposals for several proposals, including

- U19 to NIH's National Institute of Allergy and Infectious Diseases (NIAID) in response to Three-Dimensional (3D) Human Biomimetics for Infectious Diseases – Dr. Joel Ernst
- Two COVID-19 Supplement proposals to NIAID to support studies of COVID-19 immunopathogenesis in inpatients at ZSFG and UCSF Medical Center.
 - The UCSF IMPACC - Dr. David Erle.
 - The COMET clinical study – Drs. Carolyn Calfee, Carolyn Hendrickson, and Kirsten Kangelaris (UC Health).
- UCSF Mendelian Genomics Research Center (UCSF-MGRC) proposal to NHGRI U01 Mendelian Genomics Research Centers Initiative. - Drs. Pui-Yan Kwok (contact PI), Ophir Klein, Barbara Koenig, Mary Norton, and Anne Slavotinek

TSP: Team Science Program

The TSP develops and facilitates intra- and inter-campus networking events, enabling participating researchers to meet investigators outside their usual circle of collaborators and to brainstorm new research ideas or expand the aims of their current work.

OECD-BNCT Workshop: Collaborative Platforms for Advancing Engineering Biology: Focus on the COVID-19 Pandemic

Due to the COVID-19 pandemic, our team science efforts have taken on a different look. For example, the RDO TSP recently (July 29th) worked with the US State Department and the international Organisation for Economic Co-operation and Development (OECD)/Directorate for Science, Technology and Innovation/Committee for Scientific and Technological Policy /Working Party on Biotechnology, Nanotechnology and Converging Technologies (BNCT) to deliver an online workshop - Collaborative Platforms for Advancing Engineering Biology: Focus on the COVID-19 Pandemic. Not only did the RDO facilitate the aspects logistics of the event – graphic notetaker, UCSF Science Policy Group, e.g. but we also assisted with the writing the NSF grant that supported this workshop and a planned in-person event at a future date. We are currently assisting with the report materials that will go into an event report.

If you manage a UCSF group with a mission that includes team building activities or you would like to add such activities to a new grant or renewal, get in touch with [Gretchen Kiser](#).

RDO Updates and Outreach Activities

Would you like to inform your faculty of the menu of services and resources available through the RDO?

We are looking for opportunities to speak to groups of faculty to inform them of the programs and resources available through the RDO. Please contact us at rdoinfo@ucsf.edu if you think you could open a time slot for us to speak at your next faculty meeting.

RDO Events Calendar

You can find various RDO events also listed on the UCSF Calendar. [Check it out!](#)

Research Development Internship Program

Are you a graduate student or post-doc looking to explore a different career path for PhDs? Contact Gretchen Kiser gretchen.kiser@ucsf.edu in the RDO for information about an internship in research development.

National Organization of Research Development Professionals (NORDP)

Do you facilitate research team interactions? Or do you help prepare large grant proposals? Do you manage programs that benefit a large cadre of research faculty? Or are you a researcher who now focuses on research administrative functions? If so, then you are likely doing work associated with the field of research development. If these descriptions strike a chord with you, the UCSF RDO encourages you to check out National Organization of Research Development Professionals ([NORDP](#)).

UCSF RESEARCH DEVELOPMENT OFFICE

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