Soliciting Applications for T32 Graduate Student Trainees in Learning, Memory, and Plasticity (LaMP)

We are soliciting applications for the LaMP T32 for advanced graduate students in the fields of Learning, Memory, and Plasticity (LaMP). We anticipate 6 positions will be available starting October 1, 2021 through September 30, 2022. **Applications must be submitted by <u>April 9, 2021, by midnight</u> for full consideration**.

Purpose: The LaMP training program trains next generation neuroscientists to bridge gaps between the major levels of LaMP research—cognitive, systems, cellular/molecular—to promote understanding of LaMP disorders and reduce their tremendous burden on families, society, and public health. The Training Program is designed to produce scientists who truly think across levels and scales and work collaboratively to tackle the most important issues in LaMP research in order to improve human health. For more information about the LaMP training program, visit https://lamp-training.ucdavis.edu/.

Trainee support: Full stipend, fees, and benefits as well as a travel allowance. Support is for one year.

Eligibility:
<u>Trainees:</u>
- Trainees are eligible to apply for Years 2 or 3 of their graduate training. They must currently be in good academic standing within their graduate group, work on a project related to LaMP research, and work in one of the approved LaMP trainers' labs (list of LaMP trainers on page 3). The student must also be a U.S. citizen or permanent resident.

<u>Trainers:</u>
- Trainers must complete or commit to completing the entry track (two 1-hr modules) for the UCDMC Mentoring Academy or other approved mentoring workshops/courses.

Requirements of the Program:
- Research in a LaMP faculty lab. We are happy to receive new applications for LaMP trainers, but they must be approved by NIMH before the student can be officially appointed to the T32.
- Participation in core courses (2 units/quarter (Q)). Q1 and 2: "Core Concepts and Methods in Learning, Memory, and Plasticity" (interactive lectures as well as lab-based immersion). Q3: "Translational Approaches to Learning, Memory, and Plasticity Disorders" (didactic and interview/video sessions that span clinical, cognitive, systems and molecular aspects of each disease).
- Participation in a career development weekly meeting (Q1-4).
- Completion of RCR training (may have been done previously within past 4 years).
- Training in grant writing during career development meetings and over the summer, followed by the required submission of an NRSA (or equivalent) grant at the end of the funding period.
- Attendance at a LaMP speaker series, including networking meetings with the speakers.
- Participation in an annual program retreat, where each trainee will present their research progress.
- Participation in the yearly training program evaluation.
- Students and their LaMP faculty trainers are expected to commit to participate in this program for 3 years (i.e., attend the seminar series, journal clubs, and annual retreat) to create a program community.

Application Materials to Submit:
Use Arial, 11pt font, 0.75 in margins, single spacing

1. NIH formatted biographical sketch

2. Concise plan with title describing your current doctoral dissertation research (purpose and progress to date), its relevance to the LaMP fields and your career goals (2-page limit, references not included). Please include a section on how the LaMP training program will enhance your training. Carefully distinguish between what you have accomplished from work performed by others.

If you have not yet selected your research lab, please describe the 2 labs that you are deciding between, what your thesis project might be in each, and why you want to join LaMP (1 page per lab, references not included).

3. Summary (2-page limit, references not included) of all of your research experience to date. List any relevant materials, especially publications and abstracts submitted or accepted.

4. Copies of your graduate and undergraduate academic records and GRE scores (unofficial copies are acceptable).

5. Signed statement indicating that the trainee and LaMP mentor agree to comply with the requirements of the LaMP training program (see page 4 for form).

If you have not yet selected a thesis lab, this statement is required prior to appointment.

6. One letter of recommendation from the LaMP mentor (who must be an approved LaMP Trainer).

If you have not yet selected a thesis lab, please include letters from the LaMP mentors of the 2 labs that you are deciding between.

Submission and Deadline: Application materials are due **April 9, 2021** (by midnight). Email them to Ashley Hodel (arhodel@ucdavis.edu).

Trainee Selection: Applications will be reviewed by the LaMP Executive Committee. Selection is based on academic performance, the relevance of the applicant's proposed research and career goals to LaMP, representation of trainees across fields, and the potential of the applicant to benefit from and contribute to the LaMP training program.

Questions: If you have any questions, please do not hesitate to contact Kim McAllister or the program's administrator, Ashley Hodel (arhodel@ucdavis.edu).

LaMP Trainers

Cell/Molecular	Cognitive	Computational	Systems/Behavior
Fink, Kyle	Boorman, Erie	Chaudhuri, Rishidev	Amaral, David
Gray, John	Carter, Cameron	Goldman, Mark	Bauman, Melissa
Hell, Johannes	DeCarli, Charles	O'Reilly, Randall	Bliss-Moreau, Eliza
Lein, Pamela	Geng, Joy		DeBello, William
McAllister, Kimberley	Ghetti, Simona		Fioravante, Diasynou
Nord, Alexander	Luck, Steven		Gurkoff, Gene
Olson, David	Ranganath, Charan		Hanks, Timothy
Rogawski, Michael	Rivera, Susan		Joiner, Wilsaan
Tian, Lin	Saez, Igancio		Morrison, John
Zito, Karen	Schweitzer, Julie		Trainor, Brian
Diaz, Elva	Ragland, John		Whistler, Jennifer
Martinez-Cerdeno, Veronica	Yonelinas, Andrew		Wiltgen, Brian
	Solomon, Marjorie		Mangun, George
	Fox, Andrew		Swartz, Johanna
	Guyer, Amanda		

STATEMENT OF PROGRAM COMMITMENT

We agree to comply with the requirements of the LaMP training program, including regular participation in the seminars, annual retreat, and other events not only during, but also after, the period of active funding support.

The mentor commits to completing the entry track (two 1-hr modules) for the UCDMC Mentoring Academy for Research Excellence (MARE; https://health.ucdavis.edu/ctsc/area/education/mentoring-academy/index.html) if they have not already done so.

Trainee Applicant Name:_____   Signature: _____

LaMP Mentor Name:_____   Signature: _____

Date:_____