

UCLA/Caltech Integrated Theronastic Engineering to Advance Metabolic Systems (iTEAM)

The University of California at Los Angeles (UCLA) and the California Institute of Technology (Caltech) are partnering to provide a 2-year, structured curriculum for training post-doctoral engineers and biophysical or biomedical scientists to prepare them for leadership roles in academia and industry. The goal of this T32 program is to strengthen individualized training in 1) advanced sensing or 2) imaging coupled with machine learning usually in the context of addressing metabolic disease with an understanding of how to improve access to quality of care.

The UCLA/Caltech iTEAM program employs a co-mentorship model, and each post-doctoral scholar will have a primary mentor from enabling technologies and a co-mentor from metabolic medicine and/or industry. Post-doctoral scholars will work with their mentors to identify and track individualized research and training goals and milestones for the 2-year period.

The UCLA/Caltech iTEAM program is dedicated to training the next generation of engineers and biophysical and biomedical scientists. In this pursuit, our program is committed to promoting diversity, inclusion, and equity, and we welcome applicants with disabilities, from low SES backgrounds and from racial and ethnic groups under-represented in the biomedical sciences.

Check list for Postdoctoral Applications

Please note that due to the nature of this NIH-funded training program, applicants must be permanent US residents or US citizens.

Part I – Applicant

1. A completed **Application for Appointment** form
2. A **Curriculum Vitae** with citations of your publications (include pending publications).
3. The name, address, and telephone numbers of at least **two** professional **References** (*excluding preceptor*) from whom letters of recommendation/applicant evaluation form have been requested. Instructions to submit below.

Part II – Applicant, Preceptor, and Co-Mentor

4. The **Research Project** to be undertaken by the applicant during the period of training, explaining its relevance to Metabolic Medicine (one-page limit, excluding references). This must be signed by both the Applicant and Preceptor.

Part III – Mentor and/or Co-Mentor

5. A **Letter of Nomination**
6. A list of all pre/post-doctoral **Trainees** and their sources of funding (may use NIH Table 5A/B in lieu).
7. The mentor and co-mentor's **NIH Biosketches** or CVs (not to exceed 5 pages)

Instructions to submit for Applicants:

Please compile all application documents into one PDF file using the order below.

Document Title Format: 'LASTNAME.FIRSTNAME.APPLICATION'

Email attachment to rodonnell@mednet.ucla.edu with subject line: UCLA/Caltech iTEAM Application

1. Application for Appointment
2. Research Project Proposal
3. Curriculum Vitae
4. Preceptor Letter of Nomination
5. Preceptor NIH Biosketch
6. List of Pre/Postdoc Trainees in preceptor's laboratory

Instructions to submit for Referees:

Please compile Evaluator Form and/or reference letter into one PDF file using document title format 'LASTNAME.FIRSTNAME_REFEREE-LASTNAME'

Email to Ryan O'Donnell <rodonnell@mednet.ucla.edu> with subject line: UCLA/Caltech iTEAM

NIH - NATIONAL INSTITUTE OF BIOMEDICAL IMAGING AND BIOENGINEERING
INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD – T32EB023858

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