T32 Predoctoral Training Program in Molecular and Cellular Biology

ABOUT UC DAVIS

For more than 100 years, UC Davis has engaged in teaching, research and public service that matter to California and transform the world. Located near the state capital, it has 34,000 students, an annual research budget of $750 million, a comprehensive health system and 13 specialized research centers.

PROGRAM FAST FACTS

- Funded by NIH grant T32 GM007377
- Began in 1978, making it the longest running (year 34) NIH-supported training program at UC Davis
- Currently funds 14 PhD students, the largest NIH-supported training program at UC Davis
- Unusual for an NIH-funded T32 training program in that it is not associated with a specific department or graduate program/group, but is open to students in labs whose research program has a molecular and cellular biology focus

CONTACT US

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Top-tier training for predoctoral grad students

FLORENTINE RUTAGANIRA, a scientist in the making. Photo/Karen Higgins, UC Davis

DR. RANDALL STEWART, Program Director at the National Institute of Neurological Disorders and Stroke (NINDS), meets with students at a Career Luncheon.

florentine ruta- ganira, a scientist in the making. Photo/karen higgins, UC Davis

On the Cover: UC Davis Assistant Professor and Program Trainer Lorena Navarro shows plates of bacteria to Alex King, a current trainee, as well as students Tasha Barr and Spenser Alexander. Photo/Karen Higgins, UC Davis

Building a strong and diverse new generation of scientists

florentine ruta- ganira, a scientist in the making. Photo/karen higgins, UC Davis
enrich your graduate experience in our NIH-funded training program in molecular and cellular biology

HANDS-ON RESEARCH
Preparing biomedical PhD students for diverse careers in a broad-based and rapidly evolving research workplace.

CAREER NETWORKING FORUMS
You’ll sit down with PhDs in a diverse array of careers (pharma, biotech, patent law, NIH program officials, etc.) They’ll discuss their current positions and how they got there.

STUDENT-FOCUSED SEMINARS
At informal “Brown Bag” gatherings, trainees give chalk talks on their research. In our joint seminar series, trainees host external speakers in a stimulating, year-long program.

SKILL-BASED TRAINING MODULES
Topics include experimental design/critical analysis, statistics, scientific writing, designing and delivering effective scientific presentations, etc.

TECHNIQUES WORKSHOPS
You’ll receive invaluable hands-on training in proteomics, high throughput DNA sequencing, super-resolution microscopy, and much more.

STIPEND, TUITION AND FEES
Our training program funds 1-3 years of graduate education, typically years 2-4. We currently have 14 PhD students participating in the program.

TRAVEL FUNDING
As a trainee in this program, we provide funding for you to attend national and international meetings.

RETREAT
You’ll also attend our annual MCB Training Program Retreat, which features keynote addresses, career discussion tables, a Datablitz session, and other new and exciting activities – and most importantly, the high level of research presented by our current and former trainees.

Above: Yoong Wearn Lim is a current trainee engaged in epigenetic research. Right: Aldrin V. Gomes, an assistant professor and program trainer.

Right: Elva Diaz, associate professor of pharmacology, is one of 50 trainers in the program. Photo/UC Davis Health System