

Biochemistry, Molecular, Cellular and Developmental Biology Graduate Program at UC Davis

bmcdb.ucdavis.edu

BMCDB takes a collaborative, multidisciplinary approach to graduate education with world-class faculty and advanced research facilities.

Faculty

BMCDB boasts an energetic and diverse faculty with national and international recognition and well-funded research programs across a broad spectrum of fields.

Funding

Ph.D. students are financially supported through research and teaching assistantships and/or fellowships.

- Support covers tuition, health insurance, fees and stipend
- 2020-2021 stipend is \$34,540/year

Training

UC Davis maintains research training grant programs that provide specialized training and financial support including:

- Animal Models of Infectious Diseases
- Training Program in Biomolecular Technology
- Training Program in Comparative Lung Biology and Medicine
- Training in Molecular and Cellular Biology
- Training Program in Vision Science
- Pharmacology Training Program: From Bench to Bedside
- UC Davis Chemical Biology Program (CBP)
- CTSC Predoctoral Clinical Research Training Program
- Year-Long Exposure to Advanced Research (YEAR) Program for Vet Students
- NIH Initiative for Maximizing Student Diversity (IMSD)

Areas of Emphasis

Chromosome Dynamics and DNA Repair

Cell Division and Meiosis

Gene Regulation, Stem Cells and Development

Organelles, Membranes and the Cytoskeleton

Molecular Neurobiology

Plant Molecular Biology

Signal Transduction and Cancer Biology

Structural Biology

Research Environment and Facilities

UC Davis is one of the largest biological research communities in the world, with a rich diversity of labs bridging the molecular, cellular, organismal and evolutionary levels of life science.

Ph.D. students have access to specialized laboratories, research units, and advanced technology research facilities, including several clusters of excellence:

- UC Davis Genome Center
- West Coast Metabolomics Center
- UC Davis Comprehensive Cancer Center
- Electron and Light Microscopy Imaging Facilities
- Institute for Regenerative Cures
- Center for Neuroscience

For questions and more information, contact:

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