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

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
- 2017-18 stipend is $31,600/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
- 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)
- Institute for Regenerative Cures
- Center for Neuroscience
- Electon and Light Microscopy Imaging Facilities

For questions and more information, contact:
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