

# CSU Dominguez Hills



## Biology at CSU Dominguez Hills

### ***Why Dominguez Hills?***

The biology department at CSU Dominguez Hills offers an intensive, progressive and balanced learning experience in cell and molecular biology, organismal biology, and environmental biology to serve a student population that is highly diverse, both in education and ethnic background and in academic and career goals. The program has distinguished faculty members who are engaged in vigorous research in basic and applied biology, while at the same time providing quality mentorship to their students. The program maintains several diverse research programs, such as the NIH Minority Biomedical Research Support - Research Initiative for Scientific Enhancement (NIH MBRS-RISE) program and the Louis Stokes Alliance for Minority Participation (LSAMP), that are well-supported with public and private funds. This provides both undergraduate and graduate students with unique opportunities to actively participate in research, as well as present reports at scientific meetings, publish their findings, and receive national recognition. For master's students, research opportunities are also available through partnerships with LABioMed at the Harbor-UCLA Medical Center and Charles Drew University of Medicine.

### ***What can I do with this degree?***

Through its laboratory-intensive courses, the program prepares students for further studies in medicine, dentistry, other health science fields, biomedical research, and field biology; careers in teaching and/or research; and careers in the biotechnology industry, research institutions, hospitals, government agencies, consultants, and non-governmental organizations (NGOs).

### ***Program highlights***

- Four baccalaureate programs: Bachelor of Arts, and Bachelor of Science with options in Cellular and Molecular Biology, Ecology and Environmental Biology, and Microbiology; a Master of Science program; and minors in General Biology and Microbiology.
- Many late-afternoon and evening classes designed with the working student in mind.

## **Biology at CSU Dominguez Hills** *Continued*

- More than \$1 million annually in private foundation, federal, and internal research grants.
- Small class size
- Modern, well-equipped research facilities, including a tissue culture laboratory, controlled temperature rooms, a greenhouse, and a nature preserve. Ongoing research in *Drosophila* development, viral-host cell interaction, hormone-dependent intracellular signalling, cancer, biomedical applications, radiosensitivity, molecular genetics of protozoa, immunoparasitology, cell biology of vision, effects of light on signalling pathways, cytoskeletal rearrangement; avian ecology, freshwater invertebrate ecology, tropical ecology, behavioral ecology of ants, restoration ecology, phytoremediation; and health disparities.

### **Contact**

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### **Faculty**

John Thomlinson

Getachew Kidane

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Thomas Landefeld

Daisy Carr

Gus McCarthy

John Carvalho

Terry McGlynn

H. K. Choi

John Roberts

Helen Chun

Laura Robles

Robert Giacosis

Davood Soleymani

Cathy Jacobs

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