

# The Graduate Programs in Microbiology and Plant Biology University of California, Berkeley

## I. Plant Biology Program

### Academic Support

1 Faculty Member : 1.15 Students  
Time to degree: 5.5 years on average.  
5-9 degrees awarded annually.

### Financial Support

100% of students have full financial support  
6 students currently hold National Science Foundation fellowships  
1 student currently holds a Howard Hughes Medical Institute fellowship  
42 students are funded by the department's fellowships or with research assistantships  
Every student is required to teach one class for each of 2 semesters as a Graduate Student Instructor. No courses offered in the department are taught exclusively by graduate students.  
100% of students have health insurance.

## II. Plant Biology Students

### Student Body

46 total graduate students  
Median GRE Scores: 620 verbal,<sup>1</sup> 700 quantitative  
19 men, 27 women  
30% minority students  
11 international students

### Alumni (of both programs)

72% of recent alumni have taken positions as post-doctoral scholars after graduation  
Other alumni have taken employment at:  
Rose-Hulman Institute of Technology  
VHM Design  
West Valley College  
San Francisco State University  
Korean Food and Drug Administration  
Technical Instruments  
Instituto de Pesquisa Economica Aplicada, Rio de Janeiro, Brasil  
Chase & Co.

## I. Microbiology Program

### Academic Support

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Time to degree: 5.5 years on average.  
5-9 degrees awarded annually.

### Financial Support

100% of students have full financial support  
1 student currently holds National Science Foundation fellowship

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<sup>1</sup> The verbal score is lower due to the large number of non-native English speakers in the program.

1 student currently holds a National Institute of Health fellowship  
52 students are funded by the department's fellowships or with research assistantships  
Every student is required to teach one class for each of 2 semesters as a Graduate Student Instructor. No courses offered in the department are taught exclusively by graduate students.  
100% of students have health insurance.

## II. Microbiology Students

### Student Body

54 total graduate students  
Median GRE Scores: 570 verbal,<sup>2</sup> 680 quantitative  
19 men, 35 women  
33% minority students  
9 international students

### Alumni (of both programs)

72% of recent alumni have taken positions as post-doctoral scholars after graduation  
Other alumni have taken employment at:  
Rose-Hulman Institute of Technology  
VHM Design  
West Valley College  
San Francisco State University  
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## III. Faculty of Both Programs

### Areas of Study

Ecology and Evolution  
Genomics  
Microbial Genetics and Development  
Computational Biology  
Plant and Genetics Development  
Host-Microbe Interactions  
Physiology and Biochemistry  
Biophysics

### Faculty Statistics

47 Total Graduate Program Faculty  
28% women  
(more information coming soon)

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<sup>2</sup> The verbal score is lower due to the large number of non-native English speakers in the programs.

## Selected Faculty Awards

American Academy of Microbiology, Proctor and Gamble Award in Applied and Environmental Microbiology, Steven E. Lindow, 2000  
American Society of Plant Biologists, The Stephen Hales Prize, Bob B. Buchanan, 2005  
American Society of Plant Biologists, Charles Albert Schull Award, Krishna K. Niyogi, 2005  
Botanical Society of America, Jeanette Siron Pelton Award, Donald R Kaplan, 1998  
Phytochemistry Society of North America, Neish Young Investigator Award, Mary C. Wildermuth , 2005  
Searle Scholar's Program, Steven E. Brenner Searle Scholar, 2001  
The American Phytopathological Society, Ruth Allen Award, Andrew O. Jackson, 2005  
University of California, Berkeley, Distinguished Teaching Award, Lewis J. Feldman, 1996  
University of California, Berkeley, Presidential Chair, Mary C. Wildermuth, Fellow, 2005  
Miller Institute for Basic Research in Science, Miller Research Professorship, Steven E. Brenner, 2007; Sydney G. Kustu, 2005; Brian J. Staskawicz, 2002; John W. Taylor, 1999; Patricia C. Zambryski, 2004  
Emory and Henry College, The William and Martha DeFriece Award, Bob B Buchanan, 2005

## Selected Faculty Associations

2 American Academy of Arts and Sciences fellows  
2 American Academy of Microbiology fellows  
8 American Association for the Advancement of Science members  
7 National Academy of Sciences members

## Selected Faculty Service

American Agricultural Economics Association  
American Council for an Energy Efficient Economy  
Agency for International Development  
American Economic Association  
American Statistical Association  
Association of Environmental and Resource Economists  
(See <http://are.berkeley.edu/department/AREservice.html> for a full list of faculty service)