

COLUMBIA UNIVERSITY

IN THE CITY OF NEW YORK

DEPARTMENT OF BIOLOGICAL SCIENCES

Dear Prospective Student,

Thank you for your recent inquiry about graduate studies in the Department of Biological Sciences at Columbia University. You can obtain information describing the programs of study offered by the department and the research of individual faculty members in the Department of Biological Sciences by accessing our website at <http://www.columbia.edu/cu/biology>. Please note that graduate students in our program may carry out their thesis research with an expanded faculty that includes scientists from outside the department. A list of the entire research faculty is attached. Individual lab web pages can be accessed at <http://www.columbia.edu/cu/biology/phd/expand.html>. If the work of any specific faculty member interests you, please feel free to contact him/her directly, or call our Departmental Office at 212-854-4581.

Your completed application will be reviewed by the Department's graduate committee. The top applicants residing in the continental United States will be invited to visit Columbia at our expense the last weekend in February. Prospective students will be notified of the outcome of their application by the end of March 2003. Although it increases every year, the stipend for the 2003-2004 academic year is \$25,000 per year plus full tuition exemption and medical insurance. All accepted students are also guaranteed subsidized housing in a nearby Columbia-owned apartment or dormitory. In addition to these benefits, the Department provides students with a \$500 a year travel allowance for visits to conferences and talks.

Thank you again for your interest in our department. We look forward to hearing from you. Please note that the deadline for completed applications is January 1st.

Sincerely yours,



Chair, Admissions Committee
Stuart Firestein

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Laboratories for Graduate Thesis Research

The Department of Biological Sciences has recently increased the opportunities for graduate student thesis research by including laboratories in various departments at Columbia's College of Physicians and Surgeons (Medical School). This expansion more than doubles the number of faculty sponsors participating in the Departments Ph.D. Program. In the list below, training faculty are grouped according to one primary field of research, but many could be placed in several such categories. Associated laboratories at the College of Physicians and Surgeons are indicated with an asterisk. For a description of each laboratory's research see: <http://www.columbia.edu/cu/biology/Phd/expand.html>

CELL AND MOLECULAR BIOLOGY

Chloë Bulinski	Biological Sciences
Marian Carlson	Genetics/Development*
Larry Chasin	Biological Sciences
Steve Goff	Biochemistry*
Jim Manley	Biological Sciences
Audrey Minden	Biological Sciences
Aaron Mitchell	Microbiology*
Carol Prives	Biological Sciences
Ron Prywes	Biological Sciences
Rodney Rothstein	Genetics and Development*
Michael Sheetz	Biological Sciences
Lorraine Symington	Microbiology*
Alex Tzagoloff	Biological Sciences
Richard Vallee	Pathology*

DEVELOPMENTAL BIOLOGY INVERTEBRATES

Frank Costantini	Genetics/Development*
Jean Gautier	Genetics/Development*
Darcy Kelley	Biological Sciences
Virginia Papaioannou	Genetics/Development*
Lili Yamasaki	Biological Sciences

DEVELOPMENTAL BIOLOGY IN C.ELEGANS

Marty Chalfie	Biological Sciences
Iva Greenwald	Biochemistry*
David Hirsh	Biochemistry*

DEVELOPMENTAL BIOLOGY IN DROSOPHILA

Tulle Hazelrigg	Biological Sciences
Dan Kalderon	Biological Sciences
Richard Mann	Biochemistry*
James Mohler	Barnard College
Gary Struhl	Genetics/Development*

STRUCTURAL AND COMPUTATIONAL BIOLOGY & MOLECULAR BIOPHYSICS

Harмен Bussemaker	Biological Sciences
Virginia Cornish	Chemistry
Wayne Hendrickson	Biochemistry*
Barry Honig	Biochemistry*
John Hunt	Biological Sciences
Art Karlin	Biochemistry*
Ann McDermott	Chemistry
Art Palmer	Biochemistry*
Andrey Rzhetsky	Medical Informatics*
Liang Tong	Biological Sciences
Jian Yang	Biological Sciences

NEUROBIOLOGY

Richard Axel	Biochemistry*
Julio Fernandez	Biological Sciences
Stuart Firestein	Biological Sciences
Lloyd Greene	Pathology*
René Hen	Pharmacology*
Tom Jessell	Biochemistry*
Eric Kandel	Physiology*
Carol Mason	Pathology*
Steve Siegelbaum	Pharmacology*
Jian Yang	Biological Sciences
Rafa Yuste	Biological Sciences

IMMUNOLOGY

Amer Beg	Biological Sciences
Kathryn Calame	Microbiology/Immunology*
Chris Schindler	Medicine and Microbiology*