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
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](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*

**STRUCTURAL AND COMPUTATIONAL BIOLOGY & MOLECULAR BIOPHYSICS**
- Harmen 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*

**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*