

## IMMUNOLOGY PROGRAM FACULTY AND A CURRENT PROJECT AREA

Abul Abbas, M.D. – Tolerance and Autoimmunity  
Mark Anderson, M.D., Ph.D. – Tolerance and Autoimmunity  
Jody Baron, M.D., Ph.D. – Hepatitis and Viral Immunity  
Jeffrey Bluestone, Ph.D. – Tolerance and Diabetes  
Frances Brodsky, D.Phil. – Intracellular Trafficking of Immune Receptors  
Harold Chapman, M.D. – Lung Immunology  
Lisa Coussens, Ph.D. – Inflammation and Cancer  
Jeffrey Cox, Ph.D. – Tuberculosis  
Jason Cyster, Ph.D. – Cell Trafficking and Immune Imaging  
Anthony DeFranco, Ph.D. – Innate Immunity and Signaling  
Joanne Engel, M.D. – Microbial Pathogenesis  
David Erle, M.D. – Allergy and Asthma  
Lawrence Fong, M.D. – Human Tumor Immunology  
Edward Goetzl, M.D. – Allergy and Inflammation  
Warner Greene, M.D., Ph.D. – HIV Immunity  
Nigel Killeen, D.Phil. – T-cell Development and Responses  
Matthew Krummel, Ph.D. – Cell Movement and Interaction  
Lewis Lanier, Ph.D. – Innate Immunity to Viruses and Tumors  
Richard Locksley, M.D. – Innate Immunity and Effector Mechanisms  
Clifford Lowell, M.D., Ph.D. – Immune Receptors and Signaling  
Averil Ma, M.D. – Inflammation and Apoptosis  
Mehrdad Matloubian, M.D., Ph.D. – Viral Immunity  
Joseph McCune, M.D., Ph.D. – HIV and Human Immunity  
James McKerrow, M.D., Ph.D. – Parasitic Diseases  
Michael McManus, Ph.D. – RNA Interference Pathways  
Doug Nixon, M.D., Ph.D. – HIV and Human Immunity  
B. Matija Peterlin, M.D. – HIV and Viral Immunity  
Marion Peters, M.D. – Autoimmune Liver Disease  
Jennifer M. Puck, M.D. – Human Immunodeficiency Diseases  
Steven Rosen, Ph.D. – Leukocyte Trafficking and Tumorigenesis  
William Seaman, M.D. – Immune Receptors and Signaling  
Anita Sil, M.D., Ph.D. – Fungal Pathogenesis  
Qizhi Tang, Ph.D. – Autoimmunity and Transplantation Immunology  
Mattias Wabl, Ph.D. – B-cell Differentiation and Tumorigenesis  
Arthur Weiss, M.D., Ph.D. – Immune Receptors and Signaling  
Zena Werb, Ph.D. – Inflammation and Cancer  
David Wofsy, M.D. – Autoimmunity  
Scott Zamvil, M.D., Ph.D. – Autoimmunity and the Brain



UCSF Parnassus Campus

*"Having worked in both biotech and academics, what makes UCSF special is the opportunity to work with the students. They are terrific, bringing new perspectives to scientific problems and an infectious enthusiasm to the immunology program."*

*-Lewis Lanier, Professor*

*"The UCSF Immunology Graduate Program provides a superb environment for students. The program events promote frequent interactions among students, postdocs, and faculty members. Whether a student has an academic question or needs to learn a new assay, an expert is often right next door. Excellent mentorship and state-of-the-art equipment allow students to perform cutting-edge research and develop into independent scientists."*

*-Chris Allen, Fourth Year Student*



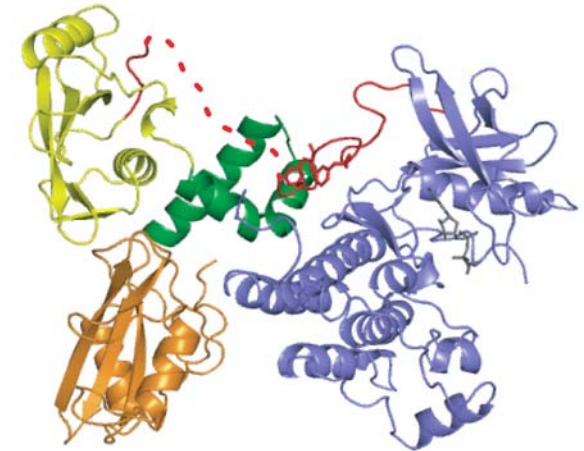
Lanier Lab Outing on Angel Island

*"The Immunology Program at UCSF provides graduate students with a great community that encourages learning and true collaboration. You can always find someone – whether professor, postdoc, student, or lab assistant – to answer questions or simply discuss science. The professors, many of whom are world-renowned leaders in their fields, are easily reachable and show genuine concern for students. We attend events (immunology journal clubs, seminars, student research talks, discussions, and happy hours) that help us get to know each other and to build a support network that we know we can count on."*

*-Cristina Penaranda, Second Year Student*

# UCSF

## IMMUNOLOGY



## GRADUATE PROGRAM

UNIVERSITY OF CALIFORNIA  
SAN FRANCISCO

DEPARTMENT OF MICROBIOLOGY &  
IMMUNOLOGY  
BOX 0414, HSE 1001  
513 PARNASSUS AVENUE  
SAN FRANCISCO, CA 94143-0414

For more information about the UCSF Immunology Graduate program, admissions, or designating contributions, please go to website [www.ucsf.edu/immuno/](http://www.ucsf.edu/immuno/) or contact the Immunology Graduate Program Coordinator at 415.502.1961.

## IMMUNOLOGY GRADUATE PROGRAM

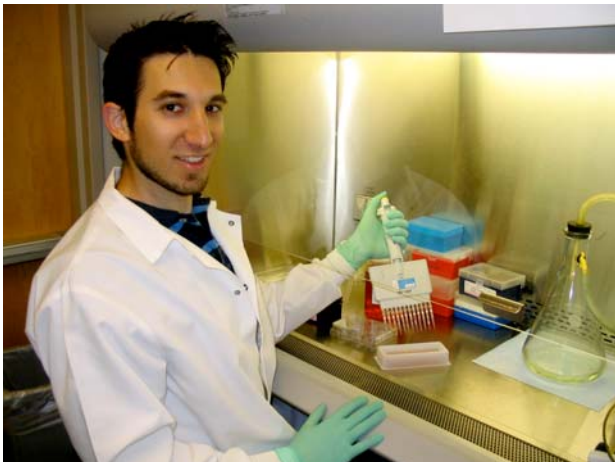
The UCSF Immunology Graduate Program is designed to instill in trainees both a strong knowledge of cellular and molecular biology and an up-to-date understanding of cellular and molecular immunology. One area of current emphasis is mechanisms of disease pathology, including infectious disease and autoimmune disorders.

The Program benefits from its site at the UCSF School of Medicine, as many of its internationally renowned faculty members are actively involved in patient care and clinical investigations in addition to teaching. Known for the excellence and expansiveness of their work, these researchers' areas of interest and expertise are at the cutting-edge of the field of immunology including AIDS, cancer, asthma, diabetes, transplantation, and arthritis.

Immunologists today face challenges to improve the health of global populations, and our graduate and post-doctoral students engage in discussions and projects focused on these issues as well as on fundamental immunological topics.

*"The Immunology program at UCSF is world recognized as a top tier graduate program. As such, the program draws top talent both in terms of resident UCSF students, postdocs & professors as well as in terms of visiting researchers & scholars from the best institutions worldwide. As a student, I am amazed with the plethora of opportunities the Immunology program provides to interact with experts both here at UCSF and from around the world. My knowledge of Immunology has expanded exponentially via these interactions as has my approach to asking basic scientific questions regarding how the immune system functions in both healthy and diseased states."*

*- David Rosen, Fourth Year Student*



## IMMUNOLOGY SEMINAR SERIES

Once a week throughout the academic year, globally acclaimed scientists present cutting-edge immunology research to the UCSF community in a seminar format. The seminars are held at the Parnassus campus and simulcast to Mission Bay, SFGH, and VAMC. Schedule is posted at [www.ucsf.edu/immuno](http://www.ucsf.edu/immuno).

## POSTDOCTORAL SEMINARS

Postdoctoral fellows comprise a highly inquisitive, interactive group of scientists. As they formulate new ideas and develop independent collaborations, they continually facilitate the synergy of ideas so unique and essential to the UCSF Immunology Graduate Program. In addition to active participation in all other Program activities, the postdocs organize a bi-weekly research-in-progress series at which two of them present their most recent research. At these seminars fellows not only share their preliminary findings with the UCSF immunology community, but also spark discussion and receive meaningful feedback. Schedule is posted at [www.ucsf.edu/immuno](http://www.ucsf.edu/immuno).



*"What I appreciate most about the UCSF Immunology Program is the sense of community and collaboration. The people in the immunology Program are an incredible resource. Through organized events such as journal clubs, weekly seminar series, and Happy Hours, as well as through class projects and random encounters, I feel as if I have interacted with a great majority of the faculty, postdocs, and students in the Program. These interactions have not only helped me directly with my thesis and course work, but also have helped me gain a much broader understanding of immunology. Since joining the Immunology Program, I have been constantly exposed to amazingly diverse perspectives and ideas and feel as if these experiences are playing a crucial role in my education as a graduate student and in my future as an immunologist."*

*-April Price, Third Year Student*

## JOURNAL CLUB

Each week during the academic year, immunological topics of current interest are discussed at Journal Club meetings focusing on recent journal articles. Advanced graduate students have the opportunity to present their research-in-progress. Two students or postdocs, or one faculty member, typically lead these presentations. All Program members are strongly encouraged to attend and participate. This is an opportunity for individuals to present before a large audience. It also promotes discussion on current issues in immunology. Schedule is posted at [www.ucsf.edu/immuno](http://www.ucsf.edu/immuno).

## ANNUAL IMMUNOLOGY RETREAT

Each year in the fall, immunologists from UCSF and UC Berkeley co-sponsor a two-day conference at Asilomar, which allows scientists from both institutions to share their work professionally and network socially. Professors and senior lab members highlight their research-in-progress at formal sessions and other participants have opportunities to share at informal poster sessions.

## STUDENT RESEARCH TALKS (SRTs)

Once a month throughout the year, students gather for dinner and hear upper-level students present their ongoing research projects. SRTs give students opportunities to learn about their peers' work, ask questions, and provide feedback in an informal setting.

## FRIDAY HAPPY HOURS

Every month one of the labs hosts a "Happy Hour". These themed events encourage Immunology Graduate Program members to interact in purely social gatherings and have fun together!

