

**Lucy S Tompkins MD PhD**  
**Co-director, ID Fellowship Program**  
**A bit about me**

I obtained my PhD in Microbiology at Georgetown University with Stanley Falkow, PhD, before I entered med school. Thru my interactions with Stan, I became fascinated by infectious diseases, particularly the interaction of bacterial pathogens in humans

Obtained my MD from Dartmouth Medical School in the first 3-year MD program after completing the PhD.

Residency in internal medicine at Dartmouth/Hitchcock and University of Washington

Fellowships in Infectious Diseases and Clinical Microbiology at University of Washington. Research in laboratory of Stanley Falkow PhD where we established the field of molecular epidemiology.

Faculty Member at the University of Washington for 4 years after fellowship completion. In 1983, I moved to Stanford School of Medicine in Division of ID as Assistant Professor of Medicine and Director of the Clinical Microbiology Laboratory. Also became the Hospital Epidemiologist for Stanford Hospital and Clinics. Served as Division Chief for 7 years and Associate Dean for Academic Affairs, SOM, 11 years.

Married my former mentor 17 years after I met him at Georgetown. Established a laboratory research program on Legionella and *Helicobacter pylori*. Later merged lab research with the Falkow lab which continued until Stan became ill. He died in 2018.

I continue as the Hospital Epidemiologist and Medical Director of the Infection Prevention and Control Department at Stanford Hospital and Clinics. Marisa Holubar MD is the associate director of the department and a wonderful partner. Shortly, we will be joined by Dr. Jorge Salinas, Assistant Professor of Medicine and Hospital Epidemiologist, University of Iowa, who will be the co-director of the IPCD at Stanford.

I love to fly fish and have fished many places: New Zealand, Chile, Argentina and Montana. My home in Montana is 50 yards from the Bitterroot River, a famous fly fishing stream in the Bitterroot Valley near Hamilton MT. The Rocky Mountain Laboratories, NIAID/NIH (Dr. Fauci is Director of NIAID) are in Hamilton, where many tick borne diseases were identified,, including *Borrellia burgdorferi* and the site of one of five BL4 research facilities in the US where studies of hemorrhagic fever viruses, including Ebola, take place. The director of the BL4 developed the current Ebola virus vaccine.

## The Research Track at Stanford/Mentoring

- Year 1 is the same for all fellows: CE and Research Track. Clinical consults plus one-half day general infectious disease clinic. Match up with mentor(s) in year 1. Establish research objectives.
- Research track Year 2 and beyond
- Start research with mentor(s) plus one-half day HIV clinic (and minimal Jeopardy)
- Salary moves from GME to University/NIH training grant. Supplement provided by mentor to be equivalent to PGY salary/benefits for those on the GME (CE, Stewardship tracks).
- Division backstops the salary/benefits for years 2-4 providing all milestones are met. The Division also provide a housing supplement for year 2, same as for the CE track fellows.
- Expectations are that research track fellows will apply for internal and external grant support (K-awards) early-on, if possible.
- Throughout years 1-x, I meet with you regularly to facilitate your career goals, problem solve, discuss personal issues etc. In other words, my door is always open, to all ID fellows, in addition to these more formal meetings.

## Research Opportunities at Stanford

Stanford Research track fellowship unique among all ID fellowship programs: Mentors can come from any faculty member of the University, not just the Medical School or Division. In addition, several of our division faculty have joint appointments in the Department of Microbiology and Immunology and in the Immunology program which expands the research opportunities and the close connections with these faculty members, as well.

My job as Co-director is to determine what your career goals are: how to help you follow your “dreams” i.e, what area of research are you interested in; is it more laboratory-based or clinical research etc.

I review all the applications from those who are interested in the “Research Track” or “Both”. At that time, I use your personal statement and background to arrange for you interview key faculty in your area of interest.

During your interview with me we discuss your career goals further so that I can arrange for you to virtually meet with other faculty to find out more about each of their research programs before you enter your match rankings. This is to give you a larger number of faculty to “meet” prior to the match.

When you arrive, I meet with you again in the early fall of Year 1 to discuss your ideas and to focus further interviews with faculty. Ultimately you should be able to select a mentor or mentors by late fall of Year 1 and have potential projects lined up well in advance of entry into the second year. I facilitate this process until you're set. From then on, I meet with you regularly to check in on your progress.

## Research opportunities/areas in the Division of Infectious Diseases and Geographic Medicine

### **Immune responses to infectious diseases**

Catherine Blish MD PhD, Paul Bollky MD PhD, Taia Wang MD PhD, Pras Jagannathan MD, Desiree LaBeaud MD(Pediatric ID)

### **Global Health/Tropical Medicine/Travel Medicine**

Jason Andrews MD , SM, DTM&H, Pras Jagannathan MD, Steve Luby MD, Michele Barry MD, Julie Parsonnet MD, Upi Singh MD  
Cybele Renault MD DTM&H, Shanthi Kappagoda MD DTM H, Desiree LaBeaud MD, Brian Blackburn MD

### **HIV**

Phil Grant MD, Catherine Blish MD PhD, Aarthi Chary MD, Robert Shafer MD, Mark Holodniy MD

### **Epidemiology of infectious diseases**

Jason Andrews MD, SM, DTM&H, Julie Parsonnet MD, Steve Luby MD, Lucy Tompkins MD PhD (hospital epi),  
Jorge Salinas MD MPH (hospital epi), Bonnie Maldonado MD (hospital epi Peds ID) Mark Holodniy MD (VA hospital epi)

### **Parasitic diseases**

Upi Singh MD, Pras Jagannathan MD

### **Antibiotic Stewardship**

Stan Deresinski MD, Marisa Holubar MD MPH, Amy Chang PharmD MD

### **Immunocompromised Host Infectious Disease**

Aruna Subramanian MD, Dora Ho PhD MD , Wes Brown MD, Joanna Nelson MD, David Epstein MD, Jessica Ferguson MD

### **Orthopedic and Musculoskeletal Infectious diseases**

Jenny Aronson MD, Shanthi Kappagoda MD, Daisuke Furukawa MD

### **Outcomes Research**

Eran Bendavid MD (Program for Outcomes Research)

### **COVID19 clinical research/clinical trials**

Aruna Subramanian MD, Phil Grant MD, Marisa Holubar MD MPH, Upi Singh MD, Pras Jagannathan MD

### **Medical Education**

Drew Nevins MD MS epi, Jessica Ferguson MD

### **Microbiome**

David Relman MD

### **Viral Pathogenesis/Antiviral discovery**

Shirit Einav MD, Catherine Blish MD PhD, Paul Bollyky MD PhD

### **Bioinformatics in Infectious Diseases**

Robert Shafer MD, Amy Chang PharmD MD

### **Chronic Fatigue Syndrome (Myalgic Encephalitis) and PACS clinic COVID long-haulers**

Hector Bonilla MD

### **Immune deficiencies**

Anne Liu MD