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## CEDARS-SINAI/UCLA-MULTICAMPUS PROGRAM IN INFECTIOUS DISEASES

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Dear Applicant for Infectious Diseases Fellowship Training:

Thank you for inquiring about fellowship training in Infectious Diseases at the **Cedars-Sinai/UCLA Multicampus Program in Infectious Diseases**. This program utilizes the clinical and laboratory resources of the VA Greater Los Angeles Healthcare System, the Cedars-Sinai Medical Center, and the Los Angeles County/UCLA/Olive View Medical Center.

The Program is dedicated to training graduates as clinical or laboratory-based scientists in infectious diseases. Our goal is to train physicians who can not only serve the clinical needs of their communities, but who can design and perform clinical research studies, measure and analyze the outcomes of changing healthcare delivery, and develop and implement strategies to improve the health of their communities. We seek to train clinical and laboratory researchers, experts in the application of Health Service Research to Infectious Diseases, and authorities in HIV medicine, antibiotic utilization and infection control.

The enclosed brochure provides more detailed information about the structure of the Cedars-Sinai/UCLA Multicampus Program in Infectious Diseases and the clinical and research resources and opportunities within. The VA Greater Los Angeles Healthcare System is participating in the ERAS®—the Electronic Residency Application Service for Infectious Diseases Fellowships. More information regarding this program can be obtained at [www.aamc.org/programs/eras/programs/start.htm](http://www.aamc.org/programs/eras/programs/start.htm).

Finally, please note that we participate in the Medical Specialties Matching Program (MSMP). For further information regarding the match, please contact the MSMP at [http://www.nrmp.org/fellow/match\\_name/msmp/about.html](http://www.nrmp.org/fellow/match_name/msmp/about.html).

Sincerely,



**MATTHEW BIDWELL GOETZ, M.D.**

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### **PARTICIPATING INSTITUTIONS**

Cedars-Sinai Medical Center  
VA Greater Los Angeles Healthcare System  
UCLA/Olive View Medical Center

Program Director

**Laboratory Science Director**

**Clinical Curriculum Director**

### **THE FACULTY**

David Beenhouwer, M.D.  
Suzanne Donovan, M.D., M.P.H.  
Sydney M. Finegold, M.D. (*emeritus*)  
Jacob Fleischmann, M.D.  
Paula L. Gaut, M.D.  
W. Lance George, M.D.  
Matthew B. Goetz, M.D.  
Christopher J. Graber, M.D., M.P.H.  
David A. Haake, M.D.  
David Hardy, M.D.  
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David C. Rhew, M.D.  
William A. Schwartzman, M.D.  
David A. Talan, M.D.

### **PROGRAM COORDINATORS**

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Matthew B. Goetz, M.D.  
Glenn E. Mathisen, M.D.

Matthew B. Goetz, M.D.

David Hardy, M.D.

Glenn E. Mathisen, M.D.

### **CAMPUS**

VA Greater Los Angeles Healthcare System  
Olive View-UCLA Medical Center  
VA Greater Los Angeles Healthcare System  
VA Greater Los Angeles Healthcare System  
Cedars-Sinai Medical Center  
VA Greater Los Angeles Healthcare System  
VA Greater Los Angeles Healthcare System  
VA Greater Los Angeles Healthcare System  
VA Greater Los Angeles Healthcare System  
Cedars-Sinai Medical Center  
Olive View-UCLA Medical Center  
VA Greater Los Angeles Healthcare System  
Olive View-UCLA Medical Center  
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VA Greater Los Angeles Healthcare System  
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Olive View-UCLA Medical Center

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## OVERVIEW

**The Cedars-Sinai/UCLA Multicampus Program in Infectious Diseases** utilizes the clinical and laboratory resources of the VA Greater Los Angeles Healthcare System, the Cedars-Sinai Medical Center, and the Los Angeles County/Olive View-UCLA Medical Center. The VA Greater Los Angeles Healthcare System includes the resources of the VA West Los Angeles Healthcare Center, the VA Sepulveda Ambulatory Care Center, and the VA Los Angeles Ambulatory Care Center. Fellows are fully supported by the Program for two years.

The Program is dedicated to training graduates as clinical or laboratory-based scientists in infectious diseases. Our goal is to train physicians who can not only serve the clinical needs of their communities, but who can design and perform clinical research studies, measure and analyze the outcomes of changing healthcare delivery, and develop and implement strategies to improve the health of their communities. We seek to train clinical and laboratory researchers, experts in the application of Health Services Research to Infectious Diseases, and authorities in HIV medicine, antibiotic utilization and infection control.

## CLINICAL RESOURCES

**Cedars-Sinai Medical Center** is a full service 800-bed tertiary care, community teaching hospital and Level 1 Trauma Center with Medicine, General Surgery, Obstetrics/Gynecology, Pediatric, Critical Care, and Health Services Research training programs. The Division of Infectious Diseases directs a 32-bed inpatient AIDS Unit, Ambulatory Care Clinic, and Hospital Epidemiology Program. There is a close working relationship with a fully equipped state-of-the-art clinical microbiology laboratory staffed by two full-time M.D. and one full-time Ph.D. microbiologists. The Hospital has a dedicated Hematology-Oncology Ward and an acute bone marrow transplant service. In addition, the Department of Surgery has pioneered in the development of endoscopic surgery, and solid organ transplantation, including livers, hearts, lungs, kidney, and pancreas. The Division of Infectious Diseases is involved in a variety of NIH- and industry-sponsored clinical and laboratory research programs.

**The VA Greater Los Angeles Healthcare System (VAGLASH)** serves as the tertiary care VA hospital for the greater Los Angeles area with over 9,000 acute medical and surgical admissions and 400,000 outpatient visits per year. In addition, VAGLASH supports a system of outpatient clinics that provide services from downtown Los Angeles to half-way up the Central Coast of California. VAGLASH is nationally recognized within the VA for the diversity and strengths of its academic, clinical and research programs. The VA Greater Los Angeles Healthcare System Infectious Diseases Section is heavily involved in NIH-, VA-, and industry-sponsored clinical and basic science research.

**The Olive View-UCLA Medical Center** is a 300 bed hospital that serves a patient population of over one million in Northern Los Angeles County. The hospital registers over 24,000 inpatient admissions and 250,000 outpatient visits per year. The Infectious Diseases Consultation Service manages a variety of conventional and exotic infectious diseases including sexually transmitted diseases, parasitic, mycobacterial, and deep fungal infections. The division has special interest in tropical medicine and frequently consults on patients with typhoid fever, malaria, amebiasis, leprosy, and other tropical diseases. The division of Infectious Diseases is actively engaged in a variety of clinical research projects including antimicrobial studies and NIH-sponsored studies on both HIV infection in women and the neurological complications of AIDS.

## CLINICAL TRAINING

First year fellows rotate through the clinical Infectious Diseases Inpatient Consultation Services at Cedars-Sinai Medical Center, the VAGLASH West Los Angeles Healthcare Center, and the UCLA/Olive View Medical Center to complete the clinical requirements of the program. These hospitals provide an extremely diverse clinical experience in Infectious Diseases. In addition to inpatient Infectious Diseases consultations, there are rotations focused on organ transplantation recipients at Cedars-Sinai Medical Center, and on outpatient management of general infectious diseases, tropical medicine, tuberculosis, and HIV infection. There is also month-long rotation in organ transplantation and in Clinical Microbiology Laboratory at Cedars-Sinai.

Faculty and fellows participate in weekly clinical case discussions, and monthly journal clubs, clinical and laboratory research conferences, and lectures in basic concepts of immunology, epidemiology, prevention of infectious diseases and infectious disease diagnostics.

#### RESEARCH TRAINING AND RESOURCES

The Cedars-Sinai/UCLA Multicampus Program in Infectious Diseases seeks individuals who have serious interest in careers in academic medicine. As applicants for Infectious Diseases fellowships are often unsure as to the area of research on which they will focus, the faculty are committed to giving each fellow guidance in the selection of an appropriate research mentor and to providing continuing advice during the research years.

The clinical research interest of the faculty span tropical medicine, antimicrobial resistance and therapeutics, hospital epidemiology, health services research and the management of HIV infection and its complications. Projects that bridge basic and clinical investigation can be arranged and are encouraged.

Infectious Diseases Fellows have access to the research laboratory resources of the VAGLAHS and Cedars-Sinai Medical Center. Infectious Diseases faculty are engaged in basic research into the mechanisms of the resistance of anaerobic bacteria to antimicrobial agents, pathogenesis of *Leptospira* infections, the virologic, immunologic and clinical features of HIV infection, the biology of infection by *Cryptococcus neoformans*, and the genetic determinants of hyphal transformation of *C. albicans*.

Qualified fellows may also be eligible to participate in the VAGLAHS Managed Care and Outcomes Fellowship which is conducted under the auspices of the VA/UCLA/RAND Center for the Study of Healthcare Provider Behavior. This program includes formal course work in biostatistics, clinical epidemiology, outcomes research, computer informatics, survey design, quality improvement methods, and medical economics. We believe that such training has increasing relevance as the manage-care revolution has provided a powerful impetus to developing and implementing less costly modalities of medical care. In Infectious Diseases this has led to the development of outpatient parenteral antimicrobial programs, the substitution of oral for parenteral antimicrobial as well as less expensive antimicrobials in the place of more costly agents. Clinical researchers in infectious diseases are now developing new information for Infectious Diseases practitioners and system managers on a wide range of important issues. Pharmacological and outcomes research on optimal antimicrobial doses and intervals promises to provide reductions in morbidity and cost while increasing antimicrobial efficacy. Other potential formal educational opportunities may include training in epidemiology at the UCLA School of Public Health.