



UC San Diego / Millennium Health Post-doctoral Research Fellowship in Health Economics of Personalized Medicine

The University of California, San Diego (UC San Diego) Skaggs School of Pharmacy and Pharmaceutical Sciences in conjunction with Millennium Health is pleased to offer a Post-doctoral Research Fellowship. The Fellowship program was initiated in 2016 and is offered in collaboration with Millennium Health, located in the Northern San Diego area, in close proximity to numerous research institutes, pharmaceutical and biotech companies. The program is two years in duration and designed to develop health outcomes research-focused scientists, with an emphasis in personalized medicine applications, who seek to work in managed care, health policy, government/public service, the pharmaceutical industry, or academia.

Scope

The fellow will collaborate with members of the health economics and outcomes research communities at UC San Diego and Millennium Health. Fellows will develop basic skills in patient-centered outcomes, study design and health economic research from an academic and industrial perspective. Fellows will attend seminars in health policy, economics and outcomes research methods, pharmacoepidemiology, pharmacogenomics, biostatistics, trial design, and serve as volunteer faculty at the Skaggs School of Pharmacy and Pharmaceutical Sciences. Activities are tailored to fellowship projects, and may include: reviewing and writing research protocols, developing data collection strategies, completing relevant clinical and/or laboratory experiences and performing advanced data analyses and hypothesis testing using health data. Ultimately, the program seeks to enhance the fellow's knowledge of literature evaluation, clinical trials, research design, biostatistics, pharmacoeconomics and health outcomes research while providing training and experience in these fields. The fellow will have opportunities to publish and/or present data at professional meetings.

Components

Fellows will receive formal **Research Coursework and Training** including classes taken with the UC San Diego Clinical Research Enhancement through Supplemental Training Program (<http://crest.ucsd.edu>): e.g. Biostatistics I and II, Epidemiology I, and Patient-Oriented Research. Health economics and outcomes research training will occur through program specific seminars, coursework, and hands-on practical experience. **Development of Teaching Skills** in economic, genomic, social and administrative sciences will be gained by completing the San Diego Pharmacy Residency Leadership (SDPRL) Teaching Certificate Program series of lectures alongside pharmacy residents and by engaging in lectures with pharmacy students at UCSD SSPPS. **Pharmacoeconomic Health Outcomes** training will include construction, validation and utilization of budget impact models geared toward demonstrating the value of personalized medicine. Fellows will also work with Millennium personnel to learn about development of pharmacogenomics tests and applications. Fellows will develop an understanding of how pharmacogenomics and pharmacoeconomics methods can be combined to evaluate evolving and innovative medical therapies.

Requirements

The fellow must be a graduate of an accredited doctoral program with a PharmD, MD, PhD or equivalent degree. Prior healthcare-related or industry experience is desirable. Prior coursework and/or clerkship or work experience in health economics, pharmacoeconomics, outcomes research, or managed care is also desirable.

Salary and Benefits

The annual stipend is competitive with NIH fellowships. Benefits include medical and dental insurance. In addition, vacation, sick and professional leave are provided.

Application

Applications for the fellowship starting in summer 2017 are currently being accepted, and will continue to be accepted until the position is filled. To apply, send a letter of intent, curriculum vitae, and at least three letters of recommendation to:

UC San Diego / Millennium Health Fellowship Selection Committee,
Skaggs School of Pharmacy and Pharmaceutical Sciences
9500 Gilman Drive #0657
La Jolla, CA 92093-0657
ssppsfellowships@ucsd.edu

Fellowship Leadership Committee: Jan Hirsch, PhD, (Committee Chair), Rabia Atayee, PharmD, Brookie M. Best, PharmD, MAS, Rami Ben-Joseph, PhD, Charles Daniels, PhD Jonathan H. Watanabe, PharmD, PhD