Biomedical Informatics/OBGYN 
Assistant Professor

The Division of Biomedical Informatics (DBMI) in the Department of Medicine (https://dbmi.ucsd.edu) and the Department of Obstetrics, Gynecology, and Reproductive Sciences (OB/GYN & RS) (https://obgyn.ucsd.edu/index.html) are committed to academic excellence and diversity within the faculty, staff, and student body and are recruiting for a joint Assistant Professor faculty position.

DBMI and OB/GYN & RS are jointly seeking a physician-scientist in Maternal-Fetal Medicine (MFM), with world-class talent in biomedical informatics to advance data-powered health.

UC San Diego Health is the region’s only academic medical center, with hospitals in Hillcrest and La Jolla that support acute inpatient care and a spectrum of outpatient primary and specialty medical and surgical services, including ambulatory and emergency patient care. Our School of Medicine, Skaggs School of Pharmacy and Pharmaceutical Sciences, and Herbert Wertheim School of Public Health and Longevity Science are located within the UCSD campus located in La Jolla.

OB/GYN & Reproductive Sciences is currently ranked 3rd among OB/GYN Departments in NIH funding and has active research programs in neuroendocrine control of reproduction, circadian rhythm, puberty, placental biology, exRNA biology, PCOS, stress, spermatogenesis, early embryo development, gynecologic cancer, pelvic floor muscle physiology, contraception, pregnancy, preterm birth, and the reproductive microbiome. Current extramural funding is $20M annually.

DBMI has research and/or service programs in the following areas: Clinical informatics, clinical research informatics, biomedical data modeling and ontologies, biomedical natural language processing and information retrieval, medical artificial intelligence, privacy technology, global health informatics, equity in informatics, and translational bioinformatics. Its annual extramural funding exceeds $23M/year. It is currently involved in several ambitious initiatives, including creating privacy-preserving networks to share research data and techniques to perform distributed analytics to enable comparative effectiveness research. Its faculty also play major roles in large NIH programs such as the All of Us Research Program (California Precision Medicine Consortium), RADx-rad Data Coordinating Center, and Bridge to AI Coordinating Center. Its educational portfolio includes pre- and post-doctoral training, supported by three training grants. Current extramural funding is $22M annually.

Areas of biomedical informatics that candidates may focus on include the following:
- Vital records informatics, public health informatics, and global health informatics
- Health data integration, privacy, security, and data sharing (i.e. Blockchain, FHIR/API)
- Health imaging informatics
- Artificial intelligence and predictive analytics in health (i.e. Machine Learning, Large Language Models, Natural Language Processing)
- Translational and applied biomedical informatics in precision medicine, bioinformatics, and genomics (i.e. PheWAS, GWAS)
- Population health, quality, and health operational improvement informatics (i.e. Registries, Quality Improvement)
- Health data organization, modeling, standards, storage, retrieval, and mapping (i.e. Cloud-computing)
- Health research informatics
- Whole genome/exome sequencing analysis, or next-generation sequencing analysis with high throughput functional genomics assays like RNAseq
• Sophisticated computational methods to analyze and interpret high-resolution biological data sets with clinical relevance
• Clinical decision support, electronic health record applications, human-computer interaction, and workflow
• Digital health, wearables, and patient engagement
• TechQuity and equity

The successful candidate will be responsible for providing high-quality training and teaching and will participate in the clinical care of patients and/or basic research.

Candidates must have an MD or equivalent, MD/PhD, or PhD in areas of Bioinformatics, Reproductive Sciences, or other health-related fields.

Candidates with an MD or equivalent must have or be eligible for a California medical license or equivalent certification/permit as determined by the Medical Board of California. Candidates with an MD or equivalent must also be board-certified or board-eligible in Maternal-Fetal medicine.

Candidates must have evidence of training and published research that demonstrates their success in securing extramural funding (e.g., NIH, NSF).

Candidates with experience as faculty advisors or educators for medical students, residents, fellows, graduate, and/or post-graduate trainees are preferred. Candidates with experience working with diverse groups of students, populations, faculty, etc. are preferred.

Apply to: https://apol-recruit.ucsd.edu/JPF03837

The appointment at the Assistant Professor level will be based on the candidate’s background and experience. Series will include 50% Ladder Rank / 50% In-Residence with secured extramural funding or 100% Ladder Rank.

A link to full descriptions of each series is provided for your review:
Ladder Rank Professor - see: http://www.ucop.edu/academic-personnel-programs/files/apm/apm-220.pdf
In-Residence Professor - see: http://www.ucop.edu/academic-personnel-programs/files/apm/apm-270.pdf

As a member of the Health Sciences Compensation Plan, the appointee should be aware that there are limitations on outside professional activities, and clinical moonlighting is expressly prohibited. Additional information can be found here: https://www.ucop.edu/academic-personnel-programs/files/apm/apm-671.pdf

The posted UC Salary scales set the minimum pay at the appointment as determined by appointment type and if applicable, rank and/or step. The base pay range for this position is $155,700 - $203,200. Salary is negotiated annually. Additional compensation may be available if the position includes membership in the Health Sciences Compensation Plan. UC Salary information can be found here: https://www.ucop.edu/academic-personnel-programs/compensation/2022-23-academic-salary-scales.html.

As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. For new University of California employees, the applicable deadline is eight weeks after their first date of employment.

The University of California prohibits smoking and tobacco use at all University controlled properties. The UC San Diego Annual Security & Fire Safety Report is available online at: https://www.police.ucsd.edu/docs/annualclery.pdf. This report provides crime and fire statistics, as well as institutional policy statements & procedures. Contact the UC San Diego Police Department at (858) 534-4361 if you want to obtain paper copies of this report.

The University of California, San Diego is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, covered veteran status, or other protected categories covered by the UC nondiscrimination policy.