



ASSISTANT PROFESSOR OR ASSOCIATE PROFESSOR OF POPULATION MEDICINE

The Harvard Medical School Department of Population Medicine seeks a faculty member to join the department's Therapeutics Research and Infectious Disease Epidemiology (TIDE) group. The department is jointly affiliated with Harvard Medical School and the Harvard Pilgrim Health Care Institute, and focuses on research and teaching related to improving population health and health care delivery. This faculty member will conduct investigator-initiated research aligned with TIDE's overall activities.

TIDE's Infectious Disease Epidemiology team leads numerous studies designed to improve diagnosis, surveillance, prevention, and treatment of sepsis and healthcare-associated infections. We work in close partnership with state and national public health agencies, delivery systems, and national infection control leaders to create more robust methods for tracking serious infections in hospitalized patients, evaluating prevention strategies, enhancing antibiotic utilization, and measuring quality. We conduct both surveillance studies using large clinical datasets derived from electronic health record systems and interventional trials to test new strategies to prevent infections and improve outcomes. Primary examples of recent work include the development of objective surveillance methods for sepsis and complications of mechanical ventilation as well as cluster-randomized controlled trials to assess the impact of chlorhexidine bathing on hospital-onset bacteremia. Our primary clinical partners include Harvard-affiliated teaching hospitals, the Hospital Corporation of America, and the CDC Prevention Epicenters.

The department seeks an Assistant Professor or Associate Professor with a successful track record of grant support and impactful publications who can help enhance and expand our research portfolio. Academic appointment would be commensurate with experience, training, and achievements. The faculty member should either be an Infectious Disease physician or a Critical Care physician with a focus in Infectious Disease epidemiology. Applicants with experience conducting epidemiologic studies using "big data" and/or leading clinical trials (patient-level randomized controlled trials, cluster randomized-controlled trials, and/or time series analyses of quality improvement initiatives) are particularly favored. Good leadership and collaboration skills are essential as is demonstrated capacity for obtaining research funding, program development, and excellence in research and teaching. The faculty member will be expected to spend the majority of her/his time conducting collaborative research but can also include part-time clinical practice in their activities. The department is multi-disciplinary, with a research and teaching portfolio spanning a range of clinical, educational, and health service areas. Joint appointment in a local hospital, second Harvard Medical School department or in the Harvard School of Public Health may be appropriate.

The ideal candidate for this position will have the following qualifications:

- MD required plus MPH and/or Doctorate in an appropriate field is preferred (epidemiology, health services research, clinical trial design)
- Experience and achievement conducting clinical analyses at the patient, unit, or hospital level and research using electronic health data, with a focus on public health surveillance, sepsis, and/or healthcare-associated infections
- Experience leading or participating in randomized controlled clinical trials
- A productive record of peer-reviewed publications
- Ability to lead and work in multi-disciplinary teams
- Interest and skills appropriate for writing grant proposals to multiple funding agencies
- Strong interpersonal and leadership skills

Besides her/his principal research activities, the faculty member will also be expected to spend a portion of time participating in the broader mission of the department as follows:

- Teach and mentor medical students, residents, fellows, and/or graduate students
- Establish and maintain collegial and productive contacts with other researchers and educators in the university, local hospitals, and within existing research partnerships
- Contribute to departmental and medical school administration as a member of committees
- Maintain clinical practice, if appropriate

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law. Women and minority candidates are encouraged to apply. For more information, please visit our website at www.populationmedicine.org.

Candidates should send their CV and statement of research interests to:

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