1/25/2017

Dear Colleague:

I am writing to inform you that we are searching for a highly talented and enthusiastic individual to join our program as a Senior Research Statistician at the University of Illinois at Chicago. The ideal candidate will have a Master’s degree (preferably a PhD) in Statistics, Biostatistics, or Epidemiology, with experience/interest in public health and research. This role will serve as the lead data analyst for clinical trials and observational studies funded by NIH, PCORI, foundations, and other groups. More information about our program and this position is presented in the attached documents.

If you or your colleagues know of anyone who would be interested, please do pass this information along and ask them to contact me (jakris@uic.edu) and Christian Gossett, gossettc@uic.edu, special project manager.

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Population Health Sciences Program

The University of Illinois at Chicago is the largest public research university in Chicago, IL, and home to the flagship state-supported health system. The Population Health Sciences Program (PHSP) at the University of Illinois at Chicago provides comprehensive care, education, and research to the people of Illinois and beyond, and is dedicated to the pursuit of health equity. The PHSP is a unit of the Office of the Vice Chancellor for Health Affairs and was developed in September, 2011, to catalyze and support enterprise-level leadership for healthcare delivery. Under the direction of Jerry A. Krishnan, MD, PhD, the PHSP supports the mission of the health sciences colleges and the care delivery system, by providing strategic, technical, and operational support for developing, testing, and implementing population-specific programs designed to achieve health equity.

Our staff of 30 individuals have diverse professional backgrounds, including community health, dentistry, design, engineering, informatics, medicine, nursing, nutrition, statistics, clinical research, business management, and epidemiology. Consistent with the population we serve, nearly half of the staff are underrepresented minorities, and about one-quarter are currently undergraduate or graduate students on the east or west side campus of the University of Illinois at Chicago. We are committed to harnessing the strengths that this diversity brings to our program.

The PHSP facilitates research led by faculty across the health sciences at the University of Illinois at Chicago and other organizations throughout the U.S. Since 2011, we have facilitated awards in excess of $50 million from the National Institutes of Health (NIH), the Patient Centered Outcomes Research Institute (PCORI), foundations, and other funders. Some active projects include:

- **Community Health And eMPowerment through Integration Of Neighborhood-specific Strategies using a Novel Education & Technology-leveraged Workforce (CHAMPIONS)**, funded by the PTF foundation
  Marina Del Rios, Principal Investigator

- **Improving Sickle cell care in Adolescents and Adults in Chicago (ISAAC)**, funded by NIH
  Victor Gordeuk, Principal Investigator

- **The Coordinated Healthcare Interventions for Childhood Asthma Gaps in Outcomes Plan (CHICAGO)**, funded by PCORI
  Jerry Krishnan, Principal Investigator

- **Comparative effectiveness of a PEer-Led O2 Infoline for patients and CAregivers (PELICAN)**, funded by PCORI
  Jerry Krishnan, Principal Investigator

- **PATient Navigators to rEduce Readmissions (PArTNER)**, funded by PCORI
  Jerry Krishnan, Principal Investigator

- **Multiple clinical trials consortia (e.g., NIH AsthmaNet, American Lung Association Airways Clinical Research Centers)**
  Jerry Krishnan, site Principal Investigator

Visit our site for a full list and more details.

About Chicago

Chicago is located in the heart of the country with over 2.7 million residents and is a world-class city that offers numerous cultural, educational, employment, and entertainment opportunities. Between thousands of restaurants, festivals, arts and music, museums, architecture, parks, and sports champions, Chicago is a vibrant city unlike any other. There is always something new to discover here, but it always feels like home.
Senior Research Statistician
2017.01.23

The University of Illinois at Chicago Hospital and Health Sciences System (UI Health), Population Health Sciences Program (PHSP) is hiring a Senior Research Statistician. The PHSP engages clinicians, patients, and other stakeholders in developing, testing, and implementing models of care that improve health in the communities served by UI Health. The Senior Research Statistician will be the primary data analyst/statistician, providing analytical and methodological oversight to a research portfolio, focusing on healthcare delivery science and pragmatic clinical trials. The Senior Research Statistician will also provide support to clinical trials run out of the Breathe Chicago Center© (BCC), a clinical research entity of the Department of Medicine. The PHSP and BCC primarily conduct research studies sponsored by the National Institutes of Health (NIH), Patient Centered Outcomes Research Institute (PCORI), and Agency for Healthcare Research and Quality (AHRQ).

The Senior Research Statistician is responsible for meticulous data analysis and data management for multiple ongoing research studies, including: analyzing and interpreting data; conducting outcome analyses; developing analysis plans for clinical trials; data cleaning; database development and maintenance; and the overall management of data systems and statistical analyses.

We are seeking a senior level data analyst to:

- Serve as the lead data analyst across multiple clinical trials;
- Contribute to decision-making on study design and data collection, ensuring alignment with study objectives;
- Identify appropriate statistical methodology needed in support of study objectives;
- Conduct high-level statistical analyses;
- Develop analysis plans, ensuring statistical methods and corresponding details are appropriate and consistent with the study design;
- Assist in the preparation and writing of manuscripts;
- Assist in the preparation and writing of grants;
- Analyze data from research studies to meet objectives of the study protocol;
- Serve as a statistical methods resource to researchers at the PHSP;
- Oversee the maintenance databases across multiple projects; and
- Oversee the data management staff.

The successful applicant should:

- Have an M.S. or M.P.H. in Epidemiology, Statistics, or a closely related field and at least 5 years of relevant work experience OR have a Ph.D. in Epidemiology, Statistics, or a closely related field and at least 1 year of relevant work experience
- Be knowledgeable in clinical trial methods
- Have experience and knowledge of database development and management (preferably REDCap)
- Demonstrates practical understanding of fundamental statistical concepts and methodologies
- Demonstrates ability to explain statistical concepts to non-statisticians to enhance their understanding of the analytical approach
- Be proficient in statistical methods used to assess outcomes of clinical trials
- Have strong research and analyses skills and have an understanding of scientific research in general
• Have advanced analytical skills, including high-level experience with a statistical programming package (preferably R, SAS or Stata)
• Be able to communicate effectively both orally and in writing to a variety of audiences
• Be comfortable working with others in a team environment
• Be able to multi-task and prioritize

Additional information:
Please send resumes and cover letter to Christian Gossett at gossettc@uic.edu.

To learn more about the Population Health Sciences Program, please visit https://vcha.uic.edu/about/population-health-sciences-program/; for the Breathe Chicago Center, visit https://breathechicago.uic.edu/.