



Environmental Epidemiology Faculty Position

Spencer Fox Eccles School of Medicine, University of Utah
Huntsman Cancer Institute

Huntsman Cancer Institute (HCI) and the Spencer Fox Eccles School of Medicine (SFESOM) at the University of Utah's Departments of Population Health Sciences (PHS) and Family & Preventive Medicine (DFPM) are seeking a tenure-track faculty member at the rank of Associate or Full Professor to grow our emphasis in environmental epidemiology across the cancer control continuum. The ideal candidate will: 1) conduct research that advances the field of environmental epidemiology; 2) mentor trainees (e.g., graduate students, postdoctoral fellows) and junior faculty in the area of environmental epidemiology; 3) provide cancer-focused campus-wide leadership to develop collaborative, interdisciplinary research activities in the area of environmental health; and 4) catalyze partnerships between HCI, the SFESOM, and research Centers at the University of Utah focused on environmental sustainability and climate change. The ideal candidate will have a track record of environmental and cancer-relevant research and may have particular expertise in a wide range of disciplines such as geography, statistics, epidemiology, public health, and/or health equity. The academic home will depend upon the candidate's background but would be either DFPM (Division of Public Health) or PHS (Division of Cancer Population Sciences). This position includes an Endowed Chair and generous start-up package.

Desired Qualifications and Experience

- Senior researcher
 - Able to advance the science of environmental influences on health, particularly (but not exclusively) on cancer.
 - Evidence of a successful research program including a history of funded R01 grants or equivalent.
- Expertise in both prospective and retrospective environmental epidemiologic studies
 - Must have experience working with large health and demographic datasets and have a clear understanding of data systems and data linkage.
 - Strongly prefer candidates with experience and expertise in spatial analysis methods.
 - Prefer candidates with experience using big data techniques, exposome measurement, life course approaches, and/or the application of omics-based methods.
- Dedicated educator and mentor for pre- and post-doctoral trainees as well as junior faculty
- Demonstrated leadership ability and ability to communicate effectively
 - Must have a track record of building successful interdisciplinary teams and obtaining the committed support of a wide range of stakeholders for initiatives.

Application Process

1. Curriculum Vitae – Summarize the key features of your training and any related professional experience, including publications, funding, presentations, and awards.

2. Cover Letter – please include a cover letter with a description of professional experience, including scientific accomplishments, leadership responsibilities, and any other relevant information.
3. Research Accomplishments and Future Plans (3 pages) – Describe your most significant prior contributions to science and your plans for an independent research program. The research statement should describe short- and long-term goals and provide detailed plans for accomplishing some of those goals, including suitable external funding mechanisms.
4. Letters of Recommendation (3 required) – Provide the names, institutional affiliations, and email addresses of three individuals who are familiar with your work and can evaluate your potential for success as an independent researcher.

Individuals must have a Ph.D. and/or M.D., or equivalent degrees of any rank. Applicants should demonstrate excellence in research with a strong record of securing and sustaining independent extramural funding.

Top applicants will be invited for a zoom and in-person interview to discuss their research vision and plans, as well as potential future efforts for strengthening academic culture and research community at the University of Utah.

Applications will be reviewed on an ongoing basis and the start date is flexible. Questions about the position can be directed to the search committee Co-Chairs, Dr. Jennifer Doherty in PHS (jen.doherty@hci.utah.edu), and Dr. James VanDerslice in DFPM (jim.vanderslice@utah.edu)

Apply online at <https://utah.peopleadmin.com/postings/178002>.

Work Environment

The university is in Salt Lake City, which has been named one of the top 10 mid-sized American cities and is often ranked as one of the happiest places to live. Salt Lake City and the surrounding areas offer diverse neighborhoods, great schools, restaurants, arts and entertainment, and endless possibilities for sports and recreation. Salt Lake City is surrounded by the Wasatch Mountains, which offers ample opportunity for outdoor adventure, including nine ski resorts within an hour of campus. Utah is known for its stunning natural wonders, including five National Parks, and world-class recreation for outdoor enthusiasts. [Learn more about living in Utah.](#)

About the University of Utah

The [University of Utah](#) is the state's oldest and largest institution of higher education and offers an exceptional research and teaching environment. The University of Utah encompasses both the flagship university and the health sciences campus for the state, competes in the Big 12 conference, and is the largest research-intensive institution in the Mountain West.

About Huntsman Cancer Institute

[HCI](#) is an NCI-designated Comprehensive Cancer Center and a member of the National Comprehensive Cancer Network (NCCN), supporting and fostering a vibrant cancer research enterprise in a highly collaborative environment. HCI has an outstanding history of academic achievement and impact and a

commitment to excellence in patient care, research, teaching, and service. In addition, the University of Utah and HCI are home to superb shared resources, such as the Utah Population Database (more info below) as well as the [Utah Cancer Registry](#), which is a long-standing and preeminent Surveillance, Epidemiology, and End Results (SEER) site. HCI has extensive depth in population sciences research, coupled with a strong tradition of [community-based research](#), and collaborations with clinicians to conduct transformational research for individuals and populations. As part of our scientific mission of excellence, we seek to positively impact the populations we serve; specifically those in Utah, Nevada, Montana, Wyoming, and Idaho. Email: hci.recruitment@hci.utah.edu.

Utah Population Database

The [Utah Population Database](#) (UPDB), with over 600 million records representing >11 million individuals, has gained distinction nationally as an unparalleled database for clinical and population studies, gene discovery for cancer and other diseases, epidemiologic investigation, and outcomes research. The UPDB encompasses a rich and comprehensive population-based, medical/epidemiological/ genealogical/geospatial database that supports more than 250 currently-approved research projects, and is overseen by a large team of computer science, data management, and analytic professionals. With >70 million geocoded addresses, researchers can link address histories to multiple environmental and social determinants of health datasets.

The Departments of Population Health Sciences and Family and Preventive Medicine are two of 26 departments in the School of Medicine in the Health Sciences Campus. The University of Utah Health (U of U Health) is a patient focused center distinguished by collaboration, excellence, leadership, and respect. The U of U Health values candidates who are committed to fostering and furthering the culture of compassion, collaboration, innovation, accountability, acceptance, integrity, quality, and trust that is integral to our mission. The Health Sciences Campus is home to 23 Institutes and Centers including The Utah Clinical and Translational Science Institute (CTSI; our NCATS funded CTSA), the Huntsman Cancer Institute, the Huntsman Mental Health Institute, the Nora Eccles Harrison Cardiovascular Research Institute, the Center for Medical Innovation, and the Utah Center on Aging.

About the Department of Population Health Sciences

The [Department of Population Health Sciences](#) is a hub for education, investigation and methodological expertise in population health. Through a diverse faculty in three Divisions, including Cancer Population Sciences, Biostatistics, and Health System Innovation & Research, we provide expertise and infrastructure to advance capacity for impact-driven research and support clinical professionals in providing better patient and population-oriented care in an increasingly complex health care delivery system. Through our research, education (our Population Health Sciences PhD Program), and community engagement activities, we promote patient-centered health care and the delivery of evidence-based health innovations that improve population health and reduce health disparities within our community. Through high impact research, we strive to contribute to a world where all individuals—regardless of socioeconomic status, race, ethnicity, gender identity or sexuality—have the opportunity to enjoy the highest attainable standard of health. The department is highly interdisciplinary, collaborative, and innovative, and we seek faculty who will thrive in this environment.

About the Department of Family and Preventive Medicine

The [Department of Family and Preventive Medicine](#) was founded in 1970 making it one of the oldest and most established family medicine departments in the country. The Department of Family and Preventive Medicine optimizes quality of life through scholarship that advances health and well-being in home, workplaces, and communities. The Department is comprised of the Division of Family and Community Medicine and the Division of Public Health. The Division of Public Health offers four graduate degrees, including MPH, MSPH, Master of Statistics in Biostatistics, and a PhD in Public Health, serving over 80 graduate students. We offer Global Health and Community Health focus areas, including educational programs in Ghana, Peru and India. The Department has a very active research program with ~\$16 million in annual research expenditures. DFPM is currently ranked #3 in NIH funding among departments of family medicine in the 2023 Blue Ridge Institute for Medical Research report. We are fully committed to reducing health disparities across the US and internationally through our outreach, community partnerships, educational programs and impactful research. We value collaboration, meaningful engagement with learners and communities and impactful science.