THE UNIVERSITY OF VERMONT
GUND INSTITUTE
FOR ENVIRONMENT

**Postdoctoral Fellow in Spatial Modeling of Nature Experience and Health**

The Gund Institute for Environment at UVM and UVM Complex Systems Center seek an exceptional scientist for a new Postdoctoral Fellowship in Spatial Modeling of Nature Exposure and Health. This postdoc will develop rigorous and practical spatial models relating natural areas and human behavior to health and well-being outcomes.

The postdoc will join the Lived Experiences Measured Using Rings Study (LEMURS). LEMURS is an ongoing longitudinal cohort study aimed at understanding and incentivizing healthy behaviors. The postdoctoral fellow will work with daily nature exposure data from a cohort of approximately 500 participants enrolled during fall 2024 and will have the opportunity to help guide interventions that will be deployed during the fall 2025. We expect the postdoc to publish findings in international peer-reviewed journals.

The Fellow will be based at the Gund Institute and will join a growing cohort of Gund Postdocs. The Fellow will also become a member of the Complex Systems Center, representing an interdisciplinary bridge between these two centers of excellence at UVM. The primary advisors will be Laura Bloomfield and Taylor Ricketts.

Candidates must have completed their PhD in landscape science, geography, data science, ecology, urban planning, or related fields by the expected start date and no earlier than 5 years before it. Competitive candidates will have strong programming and statistical modeling skills, expertise in geographic information systems and spatial data science or spatial epidemiology, a strong record of writing and publishing their work, and an interest in the relationship between landscapes, human behavior, and health.

The position is for one year with an extension to an additional year pending satisfactory progress. We offer an annual salary of at least $56,400 (based on experience), excellent benefits, and a $5,000 per year discretionary fund for research costs and travel. Professional development opportunities, including communications and policy training, are available to all Gund Postdoctoral Fellows. Expected start date is January 2, 2024.

Interested candidates should alert Laura Bloomfield directly and then submit your application online through InfoReady. All applications received before 11:59 PM EDT on October 23, 2023 will be considered. The application will remain open until filled.

The Gund Institute for Environment at the University of Vermont is a research center dedicated to understanding and tackling the world's most critical environmental challenges. Driven by the

belief that research should inspire action, the Institute takes a cross-sector approach to solving environmental issues with stakeholders from government, business, and broader society.

The [UVM Complex Systems Center](#) is housed in the College of Engineering and Mathematical Sciences. It is the home to educational programs that provide strong computational and theoretical training in methods for describing and understanding complex systems and predicting, controlling, managing, and creating such systems.

The Gund Institute strives to build a diverse and inclusive community of scholars and leaders, because it is essential to our mission and central to our vision for a sustainable world. A diverse and inclusive institute will enhance the relevance and impact of our work, ensure our solutions represent those most affected by environmental challenges, address environmental injustice, diversify the environmental leadership of the future, and train those leaders to operate in diverse teams and environments. We encourage applicants who bring diverse perspectives to our community.