



The
UNIVERSITY
of VERMONT



Postdoctoral Fellow on Using Novel Sensors to Quantify Watershed Nutrient Loss in Warming Winters

The Gund Institute for Environment at the University of Vermont (UVM) is recruiting a postdoctoral researcher for the project titled “Low-cost and high frequency quantification of watershed nutrient loss in warming winters.”

The Gund Institute for Environment at UVM 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.

ABOUT THE POSITION: We seek a field- & lab-oriented postdoc to join our cutting-edge, transdisciplinary research using novel, low-cost microsensors to identify how warm winters – with increasingly common rain, snowmelt, and rain-on-snow events change watershed nutrient export, critical source areas, and flowpaths.

The project’s goals are to test the hypotheses that winter floods have substantially different nutrient sources, sinks, and flowpaths than similar events during other seasons and that increasingly frequent winter floods alter watershed function to reduce nutrient retention. The project is led by Carol Adair and Raju Badireddy.

The position is for 1 year with an additional year pending satisfactory progress. We offer an annual salary of at least \$54,840 plus excellent benefits. Postdocs will have opportunities for professional development. Expected start date is Sept. 1, 2023. This position is supported by a Gund Catalyst Award (<https://tinyurl.com/mr3tv4v4>)

LEARN MORE: See full position description, eligibility requirements, and apply online (<https://tinyurl.com/ar2xxybk>). Applications are due March 15, 2023.

For questions about the position/project, contact Carol Adair (Carol.Adair@uvm.edu) or Raju Badireddy (raju.badireddy@uvm.edu). For questions regarding the application portal, please contact Bailey Rowland (Bailey.Rowland@uvm.edu).

