

February 5, 2019

## Postdoctoral Fellow position, Bionanotechnology Laboratories

Prof. Geoffrey D. Bothun, Department of Chemical Engineering, University of Rhode Island  
Applications due March 15, 2019

The Bionanotechnology Laboratories in the Department of Chemical Engineering at the University of Rhode Island seeks an outstanding Postdoctoral Fellow capable of leading collaborative fundamental and applied research in the area of **nanostructured Surface Enhanced Raman Spectroscopy sensor development for detecting poly- and per-fluoroalkylated substances (PFASs)**. This is a one-year position with a starting annual salary of \$50,000 + benefits, renewable annually based on performance and availability of funds. The project will compliment ongoing efforts within the group that examine the binding of PFASs to biological molecules, and the development of soft templating techniques for creating colloidal SERS sensors. The Bionanotechnology Laboratories group is a dynamic environment that embraces team science and professional development, seeks diverse experiences and skills, and strives to be inclusive. The selected fellow will conduct their activities in a new state-of-the-art College of Engineering building set for completion in June 2019. They will also have the opportunity to participate in the URI-Harvard Superfund program: Sources, Transport, Exposure & Effects of PFASs (STEEP) and the NSF EPSCoR-funded RI Consortium for Coastal Ecology Assessment, Innovation, and Modeling (RI C-AIM). Additional information can be found at:

Bionanotechnology Labs, <http://egr.uri.edu/nanolab/>  
Engineering building, <https://web.uri.edu/engineering/new-engineering-facilities-virtual-tour/>  
STEER Superfund, <https://web.uri.edu/steep/>  
RI C-AIM, <https://web.uri.edu/rinsfepscor/>

The desired start-date for this position is July 1, 2019. The exact start date is negotiable within the period of June 1 – August 31. The following is required by March 15, 2019 for first consideration.

- A **cover letter** describing interest in the position, qualifying experience and expertise, and how this position would further career goals.
- Complete **Curriculum Vitae**.
- Name, affiliation, and contact information for **three references**.

Please compile this material into a single PDF document and send to Prof. Geoff Bothun at [gbothun@uri.edu](mailto:gbothun@uri.edu).