

Postdoctoral Positions in Environmental Spectroscopy at the University of Oregon

Two postdoctoral positions are currently available in Prof. Geri Richmond's laboratory at the University of Oregon in studies of molecular adsorption and assembly at liquid surfaces of environmental importance. The positions involve:

- (1) Molecular level studies of important atmospheric processes at vapor/water interfaces. Approach involves vibrational sum frequency spectroscopy (VSFS), computational methods to complement the experimental results, linear spectroscopies and thermodynamic measurements.
- (2) Spectroscopic and computational studies of adsorption at assembly of surfactants and biomolecules at nanoemulsion surfaces using vibrational sum frequency scattering spectroscopy (VSFSS), VSFS studies of planar oil/water interfaces, molecular dynamics simulations, dynamic light scattering and related characterization methods.

Applicants must have experience in pulsed laser spectroscopic methods and experience/interest in computational comparative studies. Strong communication and writing skills are also a prerequisite. Both positions are open immediately with expected hiring to occur over the next few months.

Interested individuals should send an email expressing their interests, the names and contact information for three individuals that can serve as references, and a curriculum vitae to Geri Richmond at richmond@uoregon.edu.

The University of Oregon is an AA/EO/ADA institution committed to cultural diversity.