

# CHARLES EDISON LECTURE SERIES

## Mulling Over Emulsions: Molecular Assembly at Complex Liquid Surfaces

Since the Romans first spread oil on water to calm the raging seas, curiosity has persisted about the unique nature of the interface between water and a hydrophobic liquid including how surfactants and dispersants adsorb at this unique junction. This presentation will focus on our most recent efforts in understanding the molecular structure of the oil-water interface and the unique environment it provides for adsorption of molecules, surfactants and macromolecules at both planar and nanoemulsion oil/water interfaces.

### Geraldine Richmond

- Presidential Chair and Professor of Chemistry, University of Oregon
- President, American Association for the Advancement of Science (AAAS)
- Member, National Academy of Sciences
- Member, National Science Board
- Science Envoy, U.S. Department of State
- Chair and Founder, Committee on the Advancement of Women Chemists (COACH)



Thursday, February 4, 2016  
4 p.m.

Annenberg Auditorium,  
Snite Museum of Art

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