



**“Reinventing & Transforming the Energy System”**  
**Alder Commons Hall Auditorium**  
**at the University of Washington**  
**April 4-5, 2018**

**Speaker:** Daniel T. Schwartz, Director of the Clean Energy Institute at the University of Washington.



**Title:** Impact and Advances of New Materials for Solar Cells and Batteries

**Abstract:** The University of Washington Clean Energy Institute’s mission is to accelerate the adoption of a scalable clean energy future. Our research spans from the molecules that underpin new materials for solar cells and batteries, to the miles and markets of the grid. I’ll give an overview of the impact we are having across these scales and point to advances that can be expected in solar energy, battery storage, and the integration of these technologies into systems and the grid.

**Bio:** Daniel T. Schwartz is the Boeing-Sutter Professor of Chemical Engineering and Director of the Clean Energy Institute at the University of Washington. Dan is a Fellow of the Electrochemical Society and recipient of the UW Distinguished Graduate Mentor. In 2016 he was selected by the Department of Energy to be part of the inaugural Oppenheimer Science and Energy Leadership program, where he spent a year studying the U.S. energy system, from a fracking well drilling rig in West Virginia to biofuel basic research in Berkeley. Dan joined the UW in 1991, following a postdoctoral fellowship at Lawrence Berkeley National Lab, a Ph.D. at U.C. Davis, and a stint in Silicon Valley.