



# Solar Fuels for the Future

3rd Annual Solar Energy Symposium  
Northwestern University  
May 6-7, 2010



## May 6 - Keynote Address

**Pancoe-ENH Abbott Auditorium - 2200 Campus Drive, Evanston  
6:00 pm**

**Solar-Driven Hydrogen Production and Carbon Dioxide Reduction:  
The Importance of Understanding How Enzymes Work so Well**  
Fraser Armstrong, Oxford University

## May 7 - McCormick Tribune Forum - 1870 Campus Drive, Evanston

- 9:00 am **Introductory Remarks**  
Michael Wasielewski, ANSER Director, Northwestern University & Argonne National Laboratory
- 9:30 am **Development of Molecular Electrocatalysts for CO<sub>2</sub> Reduction and H<sub>2</sub> Oxidation and Production**  
Daniel DuBois, Pacific Northwest National Laboratory
- 10:30 am **Solar Fuel Generation Research at BNL: Photochemical Water Splitting and CO<sub>2</sub> Reduction**  
Etsuko Fujita, Brookhaven National Laboratory
- 11:15 am **Mechanistic Insights into Electrocatalytic Water Oxidation by Cobalt-Oxide Materials**  
Shannon Stahl, University of Wisconsin-Madison
- 1:15 pm **Studies of Oxomanganese Complexes for Natural and Artificial Photosynthesis**  
Victor Batista, Yale University
- 2:00 pm **Fixing CO<sub>2</sub>**  
Cliff Kubiak, University of California, San Diego
- 3:00 pm **Microscale Platforms for CO<sub>2</sub> Conversion and Electrode Optimization**  
Paul Kenis, University of Illinois at Urbana-Champaign
- 3:45 pm **Solar-Driven Water Oxidation from Bioinspired Earth-Abundant Catalysts for Sustainable Fuels**  
Charles Dismukes, Rutgers University

Co-Sponsored by:

**ISEN** INITIATIVE FOR SUSTAINABILITY  
AND ENERGY AT NORTHWESTERN

**RSVP now at [www.isen.northwestern.edu](http://www.isen.northwestern.edu)**

**Free and Open to the Public. Registration highly encouraged.**

