



CEI supports the advancement of next-generation solar energy and battery materials and devices, as well as their integration with systems and the grid. The Institute creates the ideas and educates the people needed to generate those innovations, while facilitating the pathways to bring them to market.

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## CEI News

### CEI Students Spearhead Initiative for Collaborations Between UW and Africa's Cleantech Researchers

Sarah Holliday, Griffin Ruehl, and Breana Sperry are building connections with Africa's materials science and solar communities.

### Designing and Growing Quantum Materials for Energy and Information Technology

UW physics professor Jiun-Haw Chu takes a holistic approach to the development and characterization of materials with new or unusual electronic and magnetic properties.

### A New Battery for Grid-Scale Energy Storage

Dr. Mengyu Yan, Dr. Shanyu Wang, and Professor Jihui Yang have published breakthrough research on the mechanics of a zinc-ion, aqueous-electrolyte battery. Zinc-based models have the potential to be ideal for grid-scale energy storage, due to their high-performance, low-cost, safe, and environmentally-friendly characteristics.

## Events & Seminars

### Upcoming Events

**APR 26 THU** CEI Interdisciplinary Seminar: Data-Driven Models of Cascading Blackouts in Electric Power Transmission Networks: Ian Dobson, Iowa State University

Thu, Apr 26, 2015, 4pm

Nano Engineering & Sciences Building (NanoES) (NAN)

**MAY 3 THU** CEI Interdisciplinary Seminar: From silicon to plastic: materials design and process considerations: Elsa Reichmanis, Georgia Institute of Technology

Thu, May 3, 2015, 4pm

Nano Engineering & Sciences Building (NanoES) (NAN)

**MAY 31 THU** CEI Seminar: State of CEI with Director, Daniel Schwartz

Thu, May 31, 2015, 4pm

Nano Engineering & Sciences Building (NanoES)

[See all »](#)

## Latest Tweets

@dt\_schwartz April 19, 2018



The @ECSatUW student chapter of @ECSorg is teaching kids #electrochemistry and #optics by anodizing dull titanium...

[twitter.com/i/web/status/9...](https://twitter.com/i/web/status/9...)

↩ ↻ ⭐

@wacleantech April 16, 2018



Attention Startups! Apply by 4/23 to the #CascadiaCT Accelerator from @wacleantech and @Oregon\_BEST [buff.ly/2pNvvJL](https://buff.ly/2pNvvJL)

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@UW\_CEI April 13, 2018



Thanks to Dr. Johanna Wolfson of @PRIMEcoalition [primecoalition.org](https://primecoalition.org) for a wonderful seminar on "Overcoming Cha..."

[twitter.com/i/web/status/9...](https://twitter.com/i/web/status/9...)

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