Mondays every week starting July 11th
4:15 – 5:15 pm (refreshments provided)
Yang & Yamazaki Environment & Energy Building (Y2E2), Room 299, Red Atrium

Stanford grad students, postdocs, and faculty interested in energy:
Join us every Monday (July 11–August 22) as two GCEP grad student/postdoc speakers from different technical areas will give short presentations – both accessible and informative – about their innovative clean energy research.

Learn about cutting-edge breakthroughs directly from students leading efforts in areas such as solar, bioenergy, hydrogen, carbon-based energy systems, and electrochemistry and energy storage.

Share your feedback on the speakers, and you could win a Coupa Café giftcard each week.

Top speakers selected by GCEP will be honored at this year's GCEP Research Symposium (October 4 – 5) and will have the opportunity to present at the conference.

Schedule of GCEP Student Speakers:
(15-minute presentations with 5 minutes for Q & A)

**July 11**
- Jared Schwede: Photon-enhanced thermionic emission for concentrated solar
- Jared Wenger: Xylose utilization in yeast

**July 18**
- Pablo Garcia del Real: Chemical and mechanical interactions between CO₂-rich fluids and Mg-silicate rocks: Strategies for CO₂ sequestration
- Erik Garnett: Inorganic/organic hybrid tandem solar cells

**July 25**
- Natalie Johnson: CO₂ sequestration using direct mineral carbonation of Mg-silicates
- Jason Bloking: New acceptor molecules for organic photovoltaics

**August 1**
- Nina Vaidya: Solar concentrators
- Phillip Smith: Conversion of biomass to hydrogen through a synthetic enzyme pathway

**August 8**
- Sangmoo Jeong: Nanostructured silicon solar cells
- Dr. Svenja Lohner: Bioelectrofuels: Converting electricity into fuels

**August 15**
- Sankaran Ramakrishnan: High-efficiency architectures for steady-flow combustion engines
- Lena Perkins: Life cycle and exergy analysis of biofuels

**August 22**
- Paul Mobley: Supercritical water oxidation of coal with carbon sequestration in saline aquifers
- Dr. Xiaofang Yu: Wireless energy transfer

For more info, visit http://gcep.stanford.edu or contact GCEP Student Representative Lena Perkins at lena.perkins@stanford.edu