

SEMINAR

CALTECH'S EARTH WEEK LUNCHTIME SPEAKER SERIES



RESNICK INSTITUTE
science + energy + sustainability



The 21st Century Solar Army

Bryan Hunter

Resnick Graduate Research Fellow

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There is an urgent need to develop carbon-neutral technologies to accelerate the transition to renewable energy for use on our planet. Much work has been done on solar-driven water splitting to produce hydrogen fuel from water. This talk will focus on the CCI Solar program, an NSF Center for Chemical Innovation headquartered at Caltech. Current work from CCI Solar researchers will be highlighted, focusing on the recent development of earth-abundant water oxidation catalysts made by pulsed laser ablation in liquids. In addition, the role of the Center's outreach programs will be discussed, showing just how diverse and inclusive the "21st Century Solar Army" has become.

About Bryan

Bryan Hunter is a graduate student in the lab of Harry Gray. As part of CCI Solar, his work focuses on elucidating the mechanism of water oxidation catalysis in base. At Caltech, he was awarded a Resnick Graduate Research Fellowship in 2015 and an NSF Graduate Research Fellowship in 2011. Prior to beginning graduate school, he served in Teach for America, teaching high school chemistry in Bell, California. He graduated from Yale University in 2008, simultaneously receiving his B.S. and M.S. degrees in Chemistry with Distinction. He received the Wohlenberg Prize from Berkeley College at Yale University in 2008 and was a 2004 Presidential Scholar.



Noon to 1 pm | Tuesday, April 19, 2016

Winnett Lounge (lunch provided)

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