



UNIVERSITY of WASHINGTON



CLEAN ENERGY
INSTITUTE

February 2020

INSTITUTE NEWS



Nobel laureates & CEI researchers are building a better battery for electric vehicles

CEI researchers are working with Nobel laureates John B. Goodenough and M. Stanley Whittingham to build a better battery for electrified transportation. *Read more about battery innovation in the Pacific NW, featuring Testbeds users and CEI partners, in [GeekWire](#).



sci
FRI

Forecasting the technology of tomorrow

Science Friday interviewed CEI Director Dan Schwartz about emerging energy technologies.



UW researchers win combined \$5.9M from Department of Energy to advance solar technologies

Electrical & computer engineering professor Brian B. Johnson will develop power electronics to integrate solar with grid; BlueDot Photonics will develop new solar manufacturing technology at the Washington Clean Energy Testbeds.



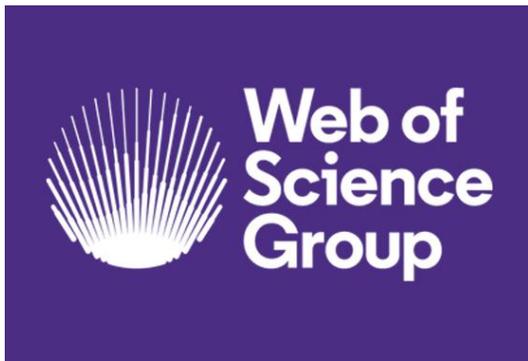
Energy software entrepreneur joins Washington Clean Energy Testbeds to coach cleantech startups

Scott Case, former chief operating officer of EnergySavvy, an energy efficiency software company that was acquired in 2019, is the new Entrepreneur in Residence at the Washington Clean Energy Testbeds.



CEI Graduate Fellows

Two CEI Graduate Fellows share their passion for clean energy in these profile pieces: [Emily Rabe \(Chemistry\)](#) and [Ted Cohen \(Molecular Engineering\)](#).



5 CEI faculty among world's most influential researchers

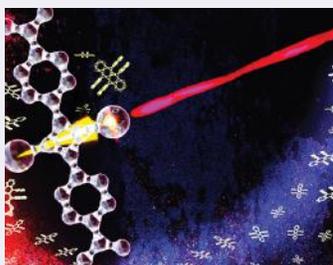
The annual Highly Cited Researchers list published by the Web of Science Group identifies researchers that produced multiple publications in the top 1% of citations for their field and year of publication over the past decade.



Sharing clean energy science and engineering with Washington community colleges

CEI's [Research Experience for Teachers](#) places community college instructors in UW research groups. Instructors work with UW faculty and graduate students for six weeks to develop a clean energy curriculum and experiments to bring back to their undergraduate students.

RESEARCH HIGHLIGHTS



Photon upconversion through triplet-triplet annihilation for solar cells

ACS Applied Energy Materials



Cacao beans & green chemistry for QLEDs

Green Chemistry



New technique lets researchers map strain in next-gen solar cells

Joule



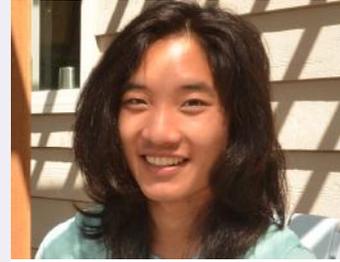
**Inorganic
nanopropeller
puts a spin on
catalysis**

*Journal of the
American Chemical
Society*



**Switching 2D
magnetic states
via pressure
tuning of layer
stacking**

Nature Materials



**Controlling
three-
dimensional
optical fields via
inverse Mie
scattering**

Science Advances

[UW HOME](#)

[CLEAN ENERGY INSTITUTE](#)

BE BOUNDLESS
FOR WASHINGTON | FOR THE WORLD



[CONTACT US](#) | [PRIVACY](#) | [TERMS](#)

© 2020 UW Clean Energy Institute | Seattle, WA

This email was sent to corinsr@uw.edu
[Unsubscribe](#) or [change your email preferences](#)