

UNIVERSITY of WASHINGTON

SUMMER 2019

INSTITUTE NEWS



Former cleantech executive leads development of UW energy research & technology center

The UW and its Clean Energy Institute named Kevin Klustner executive director of the Center for Advanced Materials and Clean Energy Technologies (CAMCET). When complete, the CAMCET building will bring together UW scientists and engineers with industry, civic, and nonprofit partners to accelerate solutions for a healthy planet. Coverage in <u>Puget Sound Business Journal</u>, <u>GeekWire</u>, <u>Bisnow</u>.



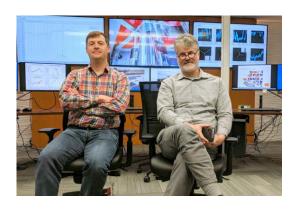
DOE awards for UW research to probe solar cell defects, develop energy-boosting coatings

The U.S. Department of Energy selected two UW professors to receive nearly \$1.5 million in funding for two separate endeavors in solar photovoltaic research.



WA's 100% clean electricity law touted as nation's strongest — but how will it work?

KNKX interviewed CEI Director Dan Schwartz about new regulations that he believes will yield good results.



Can venture capital save the planet? Tech and political leaders look to change climate for energy innovation

GeekWire interviewed Schwartz, Washington Clean Energy Testbeds Technical Director Devin MacKenzie and Managing Director Mike Pomfret about investing in clean energy technologies.



Why Washington is the best state in America

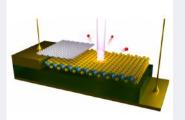
Cleaner energy and a booming tech sector help the Evergreen State lead the nation in the "2019 U.S. News Best States" ranking. The Washington Clean Energy Testbeds are highlighted.

RESEARCH HIGHLIGHTS



Laboratorybased x-ray
absorption
spectroscopy on
a working pouch
cell battery at
industriallyrelevant
charging rates

Journal of The Electrochemical Society July 18, 2019



First-ever
visualizations of
electrical gating
effects on
electronic
structure could
lead to longerlasting devices

Nature July 17, 2019



Kinetic surface
control for
improved
magnesiumelectrolyte
interfaces for
magnesium ion
batteries

Energy Storage
Materials
July 2, 2019

FACULTY AWARDS



Jiun-Haw Chu

Washington Research
Foundation (WRF)
Innovation Assistant
Professor of Physics
and Clean Energy,
received a
Presidential Early
Career Award for
Scientists and
Engineers.



Corie Cobb

WRF Innovation
Associate Professor
of Mechanical
Engineering and
Clean Energy,
received the 3M NonTenured Faculty
Award.



Cody Schlenker

WRF Innovation
Assistant Professor in
Chemistry and Clean
Energy, received a
National Science
Foundation (NSF)
Faculty Early Career
Development
(CAREER) award.

Read more about his career and research.

Events

Clean Energy Entrepreneur Workshop

August 21 @ Washington Clean Energy Testbeds

Sessions will cover the challenges of commercialization, cleantech business resources, and emerging energy technologies.

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