

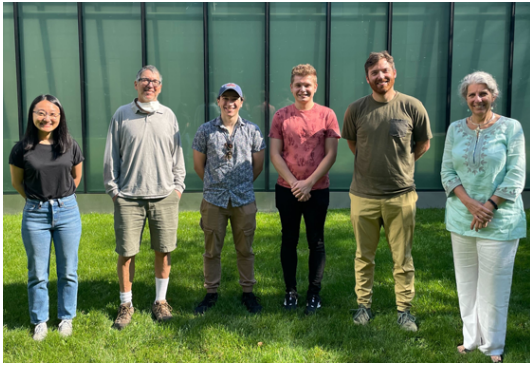


FALL 2022



CEI welcomes largest Graduate Fellow cohort

CEI selected 39 PhD students for its 2022-23 Graduate Fellowship—its largest cohort since the program began in 2013. Fellows conduct cutting-edge, original research that advances the adoption of scalable and equitable clean energy solutions, while also participating in professional development and outreach activities.



E8 & Washington State Academy of Sciences help CEI kick off 2022-23 Advanced Experience Program

The Advanced Experience Program (AXP) enables UW doctoral students in science, technology, engineering, and mathematics (STEM) to apply their knowledge to support decision makers in climate-tech investing and clean energy policy.



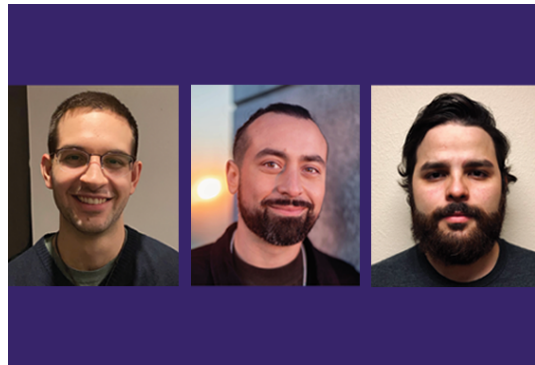
Energy storage innovator joins Testbeds as Entrepreneur-in-Residence

Dr. Thomas Madden brings over 20 years of experience in cleantech research and development to the Washington Clean Energy Testbeds. His weekly office hours are free and open to entrepreneurs and early-stage, climate-tech startups.



New collaboration between UW & Seattle clean energy leaders seeks to increase diversity in the renewable energy industry

CEI partnered with UW EarthLab, LevelTen Energy, EnergyGPS, Google, and Steelhead Americas to host 10 undergraduate students from across the country for paid, summer climate-tech internships. The Energy Scholars also studied clean energy fundamentals alongside CEI's [Clean Energy Bridge to](#)



CEI names Clean Energy Student Achievement awardees

Shua Sanchez received the Scientific Achievement Award for his novel x-ray technique for studying quantum and energy materials. Miguel González Montijo and Ricardo Rivera-Maldonado share the Outreach & Service Award for outstanding contributions to CEI K-12 education programs.

RESEARCH HIGHLIGHTS

Anisotropic Thermally Conductive Composites Enabled by Acoustophoresis and Stereolithography

Advanced Functional Materials

Synthesis of metal-organic framework HKUST-1 via tunable continuous flow supercritical carbon dioxide reactor

Chemical Engineering Journal

Multi-active Site Dynamics on a Molecular Cr/Co/Se Cluster Catalyst

Journal of the American Chemical Society

Photoinduced Charge Transfer from Quantum Dots Measured by Cyclic Voltammetry

Journal of the American Chemical Society

Improving Public-Private Partnerships for Renewable Electricity Infrastructure in Lower- and Middle-Income Countries

Journal of Construction Engineering and Management

Stability and kinetics enhancement of hydrated vanadium oxide via sodium-ion pre-intercalation

Materials Today Energy

Light-induced ferromagnetism in moiré superlattices

Nature

PROTOTYPE FUNDING

Apply now: Cleantech Hardware Innovation Prototyping (CHIP)

The Washington Clean Energy Testbeds has partnered with the CleanTech Alliance and VertueLab to establish the Northwest Cleantech Innovation Network through the U.S. Department of Energy's Energy Program for Innovation Clusters (EPIC). As part of this program, the Testbeds has launched the Cleantech Hardware Innovation Prototyping (CHIP) program to increase access to advanced capabilities for scaled prototyping, testing, and demonstration. Companies can apply for funding to develop their technologies at the Testbeds. Applications are due at 11:59 pm on January 27, 2023.

CEI SEMINARS

January 12, 4 pm

[Mircea Dinca](#) - Massachusetts Institute of Technology

February 9, 4 pm

[Zhaoyu Wang](#) - Iowa State University

February 23, 4 pm

[Maksym Kovalenko](#) - ETH Zurich

[View the seminar calendar on CEI's website](#)

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