



**Solar and EV PhD and Master's Graduate
Research Assistantships
University of Delaware, USA**

The University of Delaware (UD) is seeking a **PhD and a Master's research assistant to support a new interdisciplinary, multi-institutional** (UC Davis, U. of Chicago, & Lawrence Berkeley National Lab) **research project**, which we are leading. The project is three-year research endeavor funded by the U.S. Department of Energy ([Solar Energy Evolution and Diffusion Studies 3 \(SEEDS 3\)](#)) to better understand trends, barriers, motivations and catalysts to **co-adoption of residential rooftop photovoltaics (RPV) and electric vehicles (EVs)** in the United States, along with causality and order of events.

Research Project: The research has three main components: (1) semi-structured interviews of key informants; (2) an internet survey that will examine non-adoption, adoption, and co-adoption practices, norms, and attitudes; and (3) follow-up surveys that will use randomized control experiments to test the efficacy of several low-cost policy interventions in increasing rates of co-adoption.

Candidates: Ideal candidates are prospective PhD and Master's students with backgrounds in public policy or economics with an interest in rigorous quantitative and qualitative analytics. Students in historically under-represented groups are especially encouraged to apply.

Required qualifications:

- Highly motivated
- Training in quantitative social science data analysis, such as econometrics
- Excellent written and oral communication skills

Preferred skills and experience:

- Background in energy policy and/or economics, including behavioral economics
- Training in social science data collection, including survey development
- Training in qualitative social science data methods

Positions are competitive and include a **tuition waiver for the Fall and Spring semesters, health insurance, and a generous annual stipend** of approximately **\$29,500** for Ph.D. students and slightly less for Master's students. In some programs, the GRE is no longer required, and students may matriculate in either February (Spring) or September (Fall) 2021). Grant funding is expected to be available in early 2021 so timely application is encouraged. **Review of applications will begin immediately.**

University of Delaware. UD is recognized for its photovoltaic technology research through the [Institute of Energy Conversion \(IEC\)](#) and interdisciplinary renewable research & educational programs focused on solar PV, wind power and grid-integrated electric-vehicles through the [Biden School of Public Policy and Administration](#), [Center for Research in Wind](#), and the [School of Marine Science and Policy](#). Other relevant UD graduate programs include [Economics](#) and [Agriculture and Resource Economics](#). Participating UD Faculty are Principal Investigator (PI) [Jeremy Firestone](#) and Co-PIs [George Parsons](#) and [Steve Hegedus](#).

For questions, and if you intend to apply for a research assistantship, you should contact Professor Jeremy Firestone, jf@udel.edu. **When applying for graduate admission, please note in your personal statement your interest in an RPV-EV co-adoption research assistantship.**