

A.J. Drexel Institute for Energy and the Environment

Awardee Announcement – IExE Seed Grants

Many thanks to all the faculty and staff who participated in the IExE Seed Funding Competition.

We received 27 excellent proposals, and following a merit review process that included both external and internal reviewers, we selected 6 for funding.

As you'll see below, the teams selected for funding bring expertise from a diverse set of academic units.

The projects funded are as follows:

- Balduccini, Kandasamy, Mancoridis, Nwankpa, Robustness Testing of Smart Grids, \$50,000 (College of Computing and Informatics, College of Engineering)
- Gurian, Aktan, Dilworth, Ellis, Haas, Hunold, Montalto, Spatari, Wen, *Planning for Deep Reductions in Carbon Emissions in Philadelphia by 2050*, \$50,000 (College of Engineering, College of Media Arts and Design, College of Arts and Sciences)
- Kenner, Sheller, Miu-Miller, Neibur, Nwankpa, Shifting Engagements with Energy in a Smart Campus Environment, \$50,000 - (College of Arts and Sciences, College of Engineering)
- Gross-Davis, Gurian, Olson, Taylor, Assessment of Human Health Risk from Operational Failure
 Incidents and Regulatory Violations during Natural Gas Drilling, \$50,000 (School of Public Health,
 College of Engineering)
- Tikekar, Sales, Novel Photochemical and Biological Processes for Decontamination of Flowback
 Water from Hydraulic Fracturing of the Marcellus Shale, \$50,000 (Center for Hospitality and Sport
 Management, College of Engineering)
- Wrenn, DeCarlo, Ultrasound-Driven Removal and Capture of Dissolved Methane from Spent Fracking Fluids and Household Drinking Water, \$20,000 - (College of Engineering)