

2019 REU STUDENTS



Abigail Friedman

She is a current junior at Ursinus College in Pennsylvania pursuing a bachelor's degree in environmental studies with a pre-engineering track and a minor in Spanish. Her REU research area is future electric power grids.



Celina Wilkerson

She is currently pursuing a Bachelor's degree in Electrical Engineering with a minor in mathematics at the University of Denver. She is interested in power and energy but specifically solar energy. Her area of interest in research is creating an economical solar battery to find a solution to the Grand Challenge of making solar energy more economical.



Clare Lanaghan

She is currently pursuing a B.S. in Mechanical Engineering at Iowa State University and graduating in spring 2020. Her area of research interest is the performance and reliability of photovoltaic systems and renewable energy integration.



Frida K. Maldonado

She is a junior pursuing a B.S. degree in Electrical Engineering at the University of Texas at Austin. She is specializing in power systems, and her research interests include smart grids, power, and renewable energy.



Leon L. Murray

He is currently a senior pursuing a B.S degree in Electrical Engineering at The Citadel Military College of South Carolina. His current research interests include energy economics, energy systems, statistics, renewable energy, and solid state.



Lesley A. Figueroa

She is originally from California but was raised in the state of Colorado. Currently, she is pursuing a BSCpE in Computer Engineering and a minor in Mathematics at the University of Denver. She has many areas of interests in research and technology. Some of her areas of interests involve computer vision, robotics, artificial intelligence, and renewable energy.



Rosemary Alden

She is currently pursuing a Bachelor of Science in Electrical Engineering at the University of Kentucky as well as the Power and Energy Institute of Kentucky's Undergraduate Certificate. Her research interests include power systems, renewable energy generation, and grid energy management including microgrid technology.



Samuel Wilson

He is currently pursuing mechanical engineering and physics undergraduate degrees from Kansas State University. His research interests include Renewable Energy, Data analytics in Power System, and Community Microgrids.



Tarami Readus

He was original born in New Orleans, raised in Houston, he is currently pursuing his Bachelor of Science at the University of Houston. His research interests include community microgrids, sustainable energy to be implemented both in large cities and in rural communities.



Tim Bouraoui

He is currently pursuing a B.S. degree in Computer Engineering at the University of Denver, Denver, Colorado. His research interests and major specializations are in additive manufacturing, robotics, renewable energy, and control systems.



Lusk, Lauren O.

She is currently pursuing a B.S. degree in Electrical Engineering with a minor in Chinese at the University of Oklahoma. Her research interests include communications, signal processing, micro grids, and power and energy systems.