



## NSF REU Site

Clarkson University  
8 Clarkson Ave, Potsdam NY, 13699



### Summer Research Experience on Resilient Carbon-Free U.S. Electric Power Systems

- 3-Year award from NSF to establish the Research Experiences for Undergraduates (REU) site (2022-2025);
- 10-week summer research program at Clarkson;
- Develop highly skilled workforce for a resilient and decarbonized electricity system.

#### Eligibility:

- U.S. citizens or permanent residents;
- GPA above 3.0;
- Interest and background in areas suitable for one or more research projects related to decarbonization and resiliency of electricity infrastructure including EE, ME, Econ, Math, CS, Env Eng., Physics, etc.;
- Students' graduate study plan.

#### Activities:

- Research experience with renewables, HPC, and power grid in collaboration with NYISO, GE and NYSEG/AvanGrid;
- Field trips of National Grid's substations, New York Power Authority's Hydropower, and NREL's facilities;
- Professional development (Ph.D. pathways, public speaking, poster development, invited seminars, etc.);
- Team building (hiking, kayaking, and other outdoor activities).

#### Financial Benefits:

- \$600/week Research Stipend for 10 weeks;
- \$120/week food stipend for 10 weeks;
- Round-trip travel to and from Clarkson (up to \$600 reimbursement);
- Free on-campus housing.

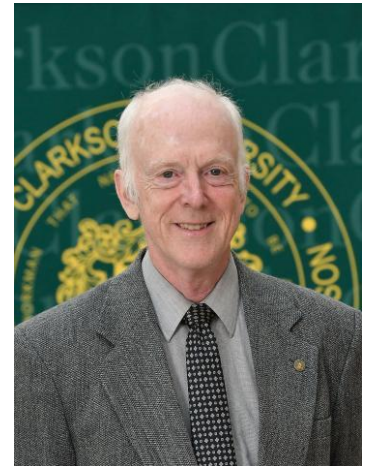
#### Important Dates:

- May 20-July 26, 2024 for REU Program;
- Rolling admissions: full consideration for applications before Feb 23, 2024 and will continue to review afterwards until positions are filled (check the website for updates).

#### Contacts:



Leo Y. Jiang  
Phone: (518)709-9861  
[yjiang@clarkson.edu](mailto:yjiang@clarkson.edu)



Thomas H. Ortmeyer  
(315)244-3707  
[tortmeye@clarkson.edu](mailto:tortmeye@clarkson.edu)