

Research Project: Renewable Energy Systems for Controlled Environment Agriculture

Faculty Mentor: Prof. Jin Ye, College of Engineering (jin.ye@uga.edu)

Area of Expertise: Electrical engineering, power electronics, electric machines, smart grids.

Student Background: Electrical Engineering, Power Engineering.

Laboratory Website: <https://intelligentpower.engr.uga.edu/>

Dr. Ye is looking for REEU students with background and interest in electrical and power engineering to work on a summer project that will focus on developing renewable energy systems for controlled environment agriculture. REEU students will work with graduate students in Dr.Ye's Intelligent Power Electronics and Electric Machine Laboratory in renewable energy research. Students will receive interdisciplinary training in power electronics and renewable energy systems and will have the opportunity to work on the cutting-edge project in the related areas.

