Vacancy Announcement
POSTDOCTORAL RESEARCH ASSOCIATE
Plant Science/Plant Physiology

The Center for Lighting Enabled Systems & Applications (LESA) at Rensselaer Polytechnic Institute in Troy, NY is funded by the National Science Foundation (NSF) for the research and development of next generation, high-performance solid-state lighting systems. The ERC is engaged in the development of a broad range of advanced systems using illumination-grade light-emitting diodes (LEDs), light sensors and control algorithms and protocols to create Lighting Systems that Think™.

Job responsibilities include:

The Postdoctoral Research Associate will perform advanced plant physiological and plant stress research. The laboratory is conducting research on the effects of static and dynamic narrow-band light on plant and algal growth, development and biochemistry. Light systems, remote sensing and automation of lighting are also primary goals. The LESA plant research laboratory works closely with engineering and is uniting plant physiology with several engineering disciplines. Typical duties of a postdoctoral associate might be but are not limited to: maintain and upgrade lighting testbeds and equipment for research and capability demonstrations; mentor, provide guidance, and work with teams or individual faculty, staff, technicians, students and companies as needed in support of research projects; conduct research projects which may include designing equipment and experiments, data analysis and result dissemination.

Education and Experience Requirements:

- PhD in plant science or plant physiology

Qualifications:

- Experimental design, computer skills, statistical and biological data analyses;
- Analytical, reasoning and problem solving skills;
- Experience in chlorophyll fluorescence techniques, infrared gas analyses and protein and pigment analyses.

For more information about the LESA center visit: [http://lesa.rpi.edu](http://lesa.rpi.edu)

Please apply on-line at: [https://rpijobs.rpi.edu](https://rpijobs.rpi.edu) (research positions) and include a cover letter/email describing your interest and qualifications.

Inquiries can be made to:
Diane Veros
verosd@rpi.edu

Applications will be accepted until the position is filled.