



Rensselaer



SMART LIGHTING ENGINEERING RESEARCH CENTER
Rensselaer Polytechnic Institute
Vacancy Announcement

Postdoctoral Research Associate

The Smart Lighting Engineering Research Center (ERC) at Rensselaer Polytechnic Institute 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. The Center is seeking a postdoctoral research associate to work on smart lighting-based circadian control.

The researcher will work with ERC faculty in modeling, data analysis, and control design for the human circadian system. The incumbent will also work closely with other ERC researchers across disciplines and campuses on human subject studies.

Candidates should have a PhD degree in systems and control theory, or in the relevant fields (e.g., applied mathematics, systems biology, mathematical biology, biomedical engineering). Experience with C/C++/Matlab software development, excellent analytical and communication skills are required.

The Smart Lighting ERC was created in 2008 at Rensselaer Polytechnic Institute and is the only Engineering Research Center in the state of New York. Funded by the National Science Foundation and the State of New York, Rensselaer works with core partners Boston University and the University of New Mexico to investigate and develop light-emitting diode (LED) technologies that will one day change the way we illuminate our world. The ERC is a superb example of how academia, federal and state governments, and industry can work together to advance the state of science and engineering while creating new opportunities for students, faculty, and businesses.

Interested candidates should apply online for Search Number 20120274 by submitting a cover letter and curriculum vitae at:

<https://rpijobs.rpi.edu/applicants/jsp/shared/frameset/Frameset.jsp?time=1368537088057>

Email questions about the position to Prof. John Wen, wenj@rpi.edu and Prof. Agung Julius, agung@ecse.rpi.edu. Applications will be accepted until the position is filled.