The Nuclear Engineering and Engineering Physics Program at Rensselaer Polytechnic Institute invites applications for research assistantships leading to a PhD. degree in nuclear engineering or engineering physics. Applicants with a B.S. or M.S. in Physics, Engineering Physics or Nuclear Engineering are welcome.

A research assistantship is available to participate in new research aimed at the measurements of high quality nuclear reaction cross sections. The research involves development of a new multiple detector system for scattering cross-section measurements using the time of flight method. This research utilizes neutrons produced by the RPI 100 MeV linear accelerator. This research is an excellent opportunity to participate in the well-established nuclear data research program at Rensselaer.

RPI's outstanding research programs cover nuclear fission and fusion engineering, electron accelerator physics, nuclear data, transport theory, multiphase flow and reactor safety analysis, health and medical physics. Major facilities include the 100 MeV electron accelerator and a nuclear reactor critical facility. The campus is located in the Capital Region of the New York State, and is within three hours from the New York City, Boston, and Adirondack National Park.

For more information about research opportunities at Rensselaer contact:
  Dr. Yaron Danon,
  NES Bldg. 1-9,
  Rensselaer Polytechnic Institute
  Troy, NY 12180.
  Phone: 518-276-4008; FAX: 518-276-4832; E-mail: danony@rpi.edu.

*For more information about the Nuclear Engineering and Engineering Physics Program, please visit departmental homepage at [http://www.rpi.edu/dept/mane/](http://www.rpi.edu/dept/mane/).
*For more information about the RPI LINAC please visit the LINAC homepage [http://www.linac.rpi.edu/](http://www.linac.rpi.edu/).*