



A Quick Look

Degrees offered

- BSE, MSE, and PhD in Nuclear Engineering and Radiological Sciences
- MS and PhD in Nuclear Science

Fall 2009 enrollments

- 110 graduate students (70 PhD students and 40 MS students)
- 125 undergraduate students (sophomores, juniors, and seniors)

Degrees granted

- 30 BSE, 14 MS/MSE, 8 PhD degrees (9/07 - 8/08)

Graduate student support

- 64 graduate student research assistants
- 22 external fellowships
- 10 internal fellowships
- 9 graduate student instructors



Cooley Building – home of NERS

Faculty

- Current faculty headcount: 20 tenured and tenure track faculty
 - 2 assistant, 2 associate, 16 full professors
 - 6 new faculty hired since September 2006
- 7 research faculty (all assistant research scientists)
- 5 emeritus faculty



400 kV ion implanter in MIBL

Instructional and research areas

- Fission systems and radiation transport
- Plasma physics and fusion
- Materials
- Radiation measurements and imaging
- Medical and health physics

Research funding

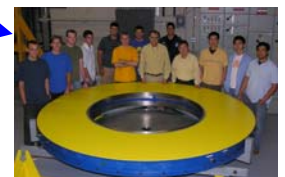
- \$10.9M research expenditures for FY09

Research facilities

- Biomagnetism Laboratory
- Electron Microbeam Analysis Laboratory
- High Temperature Corrosion Laboratory
- Irradiated Materials Testing Laboratory
- Metastable Materials Laboratory
- Michigan Ion Beam Laboratory
- Neutron Science Laboratory
- Plasma, Pulsed Power, and Microwave Laboratory
- Plasma Science and Technology Laboratory
- Position-Sensing Semiconductor Radiation Detector Laboratory
- Radiation Effects and Nanomaterials Laboratory
- Radiation Imaging Laboratory
- Radiological Health Engineering Laboratory
- Center for Ultrafast Optical Science (CUOS)



14 MeV D-T neutron generator in NSL



1 MA linear transformer driver (1st in US) in PPPML

Brief history

- 1952: graduate program in nuclear engineering created (1st in US)
- 1958: Department of Nuclear Engineering established
- 1965: undergraduate program created
- 1995: name changed to Nuclear Engineering and Radiological Sciences

USN&WR Ranking

- #1 Graduate Program in Nuclear Engineering (2009)