



A Quick Look

Degrees offered

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

Fall 2007 enrollments

- 84 graduate students (63 PhD students and 21 MS students)
- 103 undergraduate students (sophomores, juniors, and seniors)

Degrees granted

- 17 BSE, 24 MS/MSE, 10 PhD degrees (9/06 - 8/07)

Graduate student support

- 51 graduate student research assistants
- 19 external fellowships
- 8 internal fellowships
- 6 graduate student instructors



Cooley Building – home of NERS

Faculty

- Current faculty headcount: 18 tenured and tenure track faculty
 - 1 assistant, 3 associate, 14 full professors
 - 2 faculty added in Fall 2006 and 2 added in Fall 2007
- 1 open faculty position
- 4 research faculty (all assistant research scientists)
- 6 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

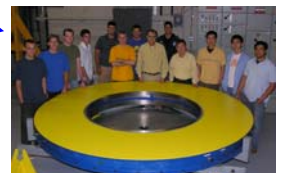
- \$6.5M external research expenditures for FY07

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



14 MeV D-T neutron accelerator 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