Brief overview of the School of Nuclear Science and Engineering

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NSE Highlights 2016/2017

- 12 TT/T Faculty
- 208 UG; 127 GR students
- BS/MS/PhD degrees
  - Nuclear Engineering
  - Radiation Health Physics (RHP)
  - Concentration in Radiochemistry.
  - Online MS RHP degree

- NE GR Ranked by US News & World Reports #12 in US
- 1/5 of all US RHP degrees produced at OSU
- 11th largest engineering college in USA
Research 2016/2017

- $7.5 M Research Expenditures
- $10.4 M Awarded

- “Large-scale” reputation
  - NuScale Small Modular Reactor
  - High temperature gas reactor test facility
  - Hydro-mechanical test loop
- National security research
  - Research reactor
  - Radiation detector development / application
- Environmental & health effects
  - Recovery & countermeasures
2017-2018 Focus

- **Education**
  - Refine curriculum for market
  - Increase cross-disciplinary content
  - Expand UG research experience
- **Research**
  - Reactor life extension
  - Develop, deploy advanced radiation detectors
  - National security and safety via
    - Nuclear forensics
    - Radioecological research
    - Radiochemistry
- **Partnerships**
  - Expand national laboratory joint appointments
  - Support State and Federal agencies
  - Open user facilities