Bloomsburg University
Health Physics Program

Physics and Engineering Technology Department
College of Science and Technology
Bloomsburg University
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So Where is Bloomsburg?
What is the BU Health Physics Program Like?

- Multi-disciplinary undergraduate BS program within Physics Dept.
- Includes strong foundation in science courses in biology, chemistry, and physics
And More

- Specialized courses include health physics, radiation biology, nuclear instrumentation and measurements, and radiation physics
- Well-established internship program
History of BU HP Program

- B.S. degree established in 1986 through a Commonwealth of PA initiative
- First degree awarded in 1990
- Approximately 50 graduates to date
- Five graduates with BS in HP in 2007
- Accredited by ABET in summer 2006
After Graduation: Employment

- Graduates are typically sought after and receive good salary offers.
- Employers who have hired BU graduates recently include:
  - PA Power and Light (PPL)
  - Geisinger Medical Center
  - Exelon Corp.
  - Penn State, U of Penn, U of Pitt., Drexel U.
  - Merck, Sharp, & Dohme Research Labs
After Graduation: Graduate School

- Approximately one-quarter of graduates continue on to advanced degrees
- Universities attended by BU graduates include:
  - U of Florida
  - Texas A&M
  - Penn State
  - U of Penn
  - Idaho State
  - And others
Features of BU Health Physics Program

- Two faculty members, whose combined work history includes government research labs, Universities, and nuclear power plants.
- Technologically advanced laboratories and equipment.
Close cooperation with nearby medical facilities and nuclear power plants

Excellent library collection (in part, thanks to Syd Porter and his recent donations)
Cooperation with Regional Organizations

- Students and faculty on Columbia County Radiation Emergency Response Team
- PPL summer Nuclear Energy Seminar for Teachers program for K-12 teachers
- Faculty member in PaRAP program
BU’s Health Physics Program receives excellent support from a five member technical board including representatives from:

- Geisinger Medical Center
- PPL
- Penn State
- State of PA
- Merck
Internship in Oak Ridge in 2005
Internships this summer

Students are currently in internships at:
- Geisinger Medical Center (supported by $4K fellowship from AAPM)
- PPL Susquehanna
- Oak Ridge Institute for Science and Education