



University of Pittsburgh

*Kenneth P. Dietrich School of Arts and Sciences
Graduate Studies Office*

Physics and Astronomy Department Profile

Recruitment Contact: Dr. Robert Devaty Phone: 412-624-9009 Email: devaty@pitt.edu
Diversity Liaison: Same as Above
Graduate Coordinator: Leyla M. Hirschfeld 412-624-9066 pagrad@pitt.edu

Department Website: <http://www.physicsandastronomy.pitt.edu>

The Department of Physics and Astronomy offers the MS and PhD degrees in physics. The graduate program provides a broad experimental, observational, and theoretical foundation upon which students build careers as scientists prepared for both teaching and research.

PROGRAMS OFFERED:

<u>Major Field of Study</u>	<u>Degree</u>	Fall 2015 Student <u>Applicants</u>	New Students <u>to Enroll</u>	2014-15 Yearly # <u>of Degrees</u>	Currently <u>Enrolled</u>	Number <u>of Women</u>
	Ph.D./MS	249	16	12 Ph.D. 6 MS	100	21

Recent Ph.D.'s Placements:

- Experimental Research Associate, SLAC National Accelerator Lab
- Analyst for Morgan Stanley Huaxin Securities (Beijing)
- Brookhaven National Laboratory
- Consultant for Detica (Specialist Business and Technology Consultancy)
- ELSA Marie Curie Fellow at INAF, Italy
- Faculty UPMC Radiology Department
- Google Software Engineer
- National Renewable Energy Lab (NREL)
- OARU (Oakridge Associated Research Universities)
- Optical Engineer
- Principal, Environmental Charter School (Pittsburgh Public Schools)
- Process Engineer at INTEL Corporation
- Quantitative Analyst, TradeLink LLC
- Postdocs and Research Associates at: University of CA, Berkeley; Penn State; Georgia Tech; University of TX; Kent State; University of Pittsburgh; Carnegie Mellon University; Johns Hopkins; University of Colorado; Yale; to name a few.
- Posdoc at Ames Laboratory (Iowa State University of Science and Technology)
- Postdoc at Dunlap Institute for Astronomy & Astrophysics (Toronto)
- Postdoc at Max Planck Institute, Heidelberg
- Postdoc at Laboratoire d'Astrophysique (LAM) France
- Postdoc serve as Associate Director of the Discipline-based Science Education Research Center (PITT)
- Postdoctoral Research Associate at Ames Laboratory (US Dept. of Energy)
- Real Time Risk Systems, LLC, Wall Street, NYC
- Research Associate; SLAC National Accelerator Lab
- Royal Observatory, Edinburgh, UK
- Scientific Assistant, DESY, Hamburg, Germany (German Electron Synchrotron DESY, Member of the Helmholtz)

Association one of the leading accelerators centers in the world.
Seismic Imager, GCGGVeritas

MS Recipients: Many doctoral students obtain their MS in Physics while working towards their Ph.D.

Admissions Requirements:

Student must have earned a baccalaureate degree in physics, astronomy, or some related field with a minimum 3.0 on a 4.0 scale; submit a complete on-line application and supporting materials; submit both General and Subject GRE scores and have a distinguished undergraduate record. Unless otherwise indicated, a completed application also serves as an application for financial support.

Admission Deadline: January 15th

Completed applications and supplemental documents accepted until all available places have been filled for the Fall Term.

<p>Average GPA of Entering Students: 3.6</p> <p>Average GRE's of Entering Students: Verbal 152 Quantitative 164 Analytical: 3.6</p> <p>Is the GRE Subject Test Required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> (specify) Physics</p> <p>Can Students Earn a Degree Exclusively Through:</p> <p>⇒ Part-Time Study? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>⇒ Evening/Weekend Study? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are Career-Related Internships/Field Work Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Number of Faculty Members Actively Involved with Graduate Students through Teaching or Research:</p> <p>Part-Time: Full-Time: 49</p> <p>Last Revised: October 2015</p> <p>University of Pittsburgh, Dietrich Graduate Studies Office</p>	<p>Percentage of Students fully FUNDED BY DEPARTMENT (e.g., Assistantships, Fellowships):</p> <p><input type="checkbox"/> 100% <input type="checkbox"/> Less than 50% <input checked="" type="checkbox"/> 50-99% <input type="checkbox"/> None</p> <p>How many years of support guaranteed from department: Five years additional support available based upon progress and availability of funds. However, majority of students supported throughout their studies.</p> <p>Are Departmental Awards Available to Master's Degree Students? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Current Research Interests of Department's Faculty:</p> <ul style="list-style-type: none">⇒ Astrophysics/Cosmology⇒ Biological Physics⇒ Chemical Physics⇒ Condensed Matter/Solid State Physics⇒ Nanoscience⇒ Particle Physics⇒ Physics Education Research⇒ Quantum Information
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