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:

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

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.

<table>
<thead>
<tr>
<th><strong>Average GPA of Entering Students:</strong></th>
<th>3.6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Average GRE's of Entering Students:</strong></td>
<td>Verbal 152</td>
</tr>
<tr>
<td>Is the GRE Subject Test Required?</td>
<td>[ X ] No</td>
</tr>
<tr>
<td>Can Students Earn a Degree Exclusively Through:</td>
<td>[ ] Yes</td>
</tr>
<tr>
<td>Part-Time Study?</td>
<td>[ ] Yes</td>
</tr>
<tr>
<td>Evening/Weekend Study?</td>
<td>[ x ] Yes</td>
</tr>
<tr>
<td>Are Career-Related Internships/Field Work Available?</td>
<td>[ x ] Yes</td>
</tr>
</tbody>
</table>

Number of Faculty Members Actively Involved with Graduate Students through Teaching or Research:

<table>
<thead>
<tr>
<th>Part-Time:</th>
<th>Full-Time:</th>
</tr>
</thead>
<tbody>
<tr>
<td>49</td>
<td></td>
</tr>
</tbody>
</table>

Last Revised: October 2015

University of Pittsburgh, Dietrich Graduate Studies Office

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Percentage of Students fully FUNDED BY DEPARTMENT (e.g., Assistantships, Fellowships):

- [ ] 100%
- [ ] Less than 50%
- [ x ] 50-99%
- [ ] None

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.

Are Departmental Awards Available to Master’s Degree Students? 

- [ ] Yes
- [ x ] No

Current Research Interests of Department’s Faculty:

- Astrophysics/Cosmology
- Biological Physics
- Chemical Physics
- Condensed Matter/Solid State Physics
- Nanoscience
- Particle Physics
- Physics Education Research
- Quantum Information