

PITT CAREER CENTER: PHYSICS RESOURCES

Exploring and Navigating your Physics & Astronomy Career Journey

With a degree in Physics, students can pursue careers in research and development, science, engineering, education, medicine, law, business, and the military. Graduate School Studies in various fields provide broader opportunities. Exploring the resources below provide you with insights into the world of work and resources to prepare for applications and interviews, whether pursuing a Bachelor of Science degree or exploring fields and programs for graduate school.

RESOURCES: Explore the following resources to better understand and navigate your job, internship, undergraduate research, and graduate school search.

- **HANDSHAKE** Job and Internship Search Tool & Explore and Register for Pitt Career Fairs, Workshops and Events
 - [HANDSHAKE](#)
- **What Can I Do With This Major?**
 - <https://whatcanidowiththismajor.com/major/physics/>
- **Society of Physics Students** - resources regarding career opportunities including common paths taken by physics majors, tips for finding an internship, job searching strategies, and profiles of physicists in various careers.
 - <https://www.spsnational.org/career-resources/considering-workforce#>
- **National Science Foundation** – Research Experiences for Undergraduates
 - <https://www.nsf.gov/crssprgm/reu/>
- **Pitt – Undergraduate Research**
 - [Office of Undergraduate Research, Scholarship, and Creative Activity | The Dietrich School of Arts & Sciences Undergraduate Studies | University of Pittsburgh](#)
- **The American Institute of Physics (AIP)**
 - Career Resources: <https://www.aip.org/career-resources>
 - Who's Hiring Physics Bachelors? – Employers by State
<https://www.aip.org/statistics/whos-hiring-physics-bachelors>
- **American Physical Society**
 - <https://www.aps.org/careers/index.cfm>
- **ScienceCareers**
 - <https://jobs.sciencecareers.org/jobs/>
- **WayUp** - Early career job search tool
 - <https://www.wayup.com/guide/>
- **GradSchool Shopper** – Browse Grad School Programs
 - <https://gradschoolshopper.com/>
- **O*Net OnLine**
 - <https://www.onetonline.org/find/quick?s=Physics>
- **Buzzfile**
 - <https://www.buzzfile.com/Major/Employers-by-Major>
- **Occupational Outlook Handbook** – U.S. Bureau of Labor Statistics
 - <https://www.bls.gov/ooh/>
- **Acoustical Society of America**
 - <https://acousticalsociety.org/>
- **American Association of Physicists in Medicine**
 - <https://aapm.org/>
- **American Astronomical Society**
 - <https://aas.org/>

- **American Meteorological Society**
 - <https://www.ametsoc.org/index.cfm/ams/education-careers/>
- **The Structural Science Society (ACA)**
 - <https://www.amerystalassn.org/>
- **Science and Technology of Materials, Interfaces and Processing**
 - <https://avs.org/>
- **OPTICA** (formerly OSA) - Optics & Photonics
 - <https://www.optica.org/en-us/home/>
- **The Society of Rheology** - Science of deformation and flow of matter
 - <https://www.rheology.org/SoR/>
- **Resources for Future K7-12 Teachers**
 - American Association on Physics Teachers - <https://aapt.org/>
 - Pitt School of Education - <https://www.education.pitt.edu/academics/science-education/teaching-certificate-science-7-12>
- **Resume, Cover Letter & Career Resources – Pitt Career Central**
 - <https://careercentral.pitt.edu/channels/life-and-physical-sciences/>

COMMON JOB TITLES

Some examples, depending on whether Bachelor's, Master's or PhD earned

Accelerator Operator	Systems Analyst
Applications Engineer	Technical Specialist/Technical Writer
Data Analyst	Web Developer
Design Engineer	Quality Assurance tester
High School Physics Teacher	Geophysicist
IT Consultant	Medical Physicist/Health Physicist
Lab Technician	Astrophysicist
Laser Engineer	Professor
Optical Engineer	Computational Physicist
Research Associate/Assistant	
Software Developer	

COMPANIES HIRING INTERNS

A few examples of companies hiring interns

Accenture	Honda Research and Development
Air Force Research Laboratory	Americas, Inc.
Ajax Tocco Magnethermic	IBM
Battelle	Idaho National Laboratory
Boeing	ITT Industries
CAR Technologies, LLC	Johns Hopkins University Applied Physics
Center for Automotive Research	Lab
Cisco Systems	JP Morgan Chase
Cook Nuclear Plant	Meyer Sound, Inc.
Electroscience Laboratory	Microsoft
Fort Calhoun Nuclear Station	NASA
General Electric Aviation	Nationwide Financial
Great American Financial Resources	Raytheon Integrated Defense Systems
	Wright-Patterson Air Force Base

Schedule an Appointment with your [Career Consultant](#)