

Physics

<http://www.wmich.edu/physics>

Resources for Career
Guidance and
Exploration

Major Specific Career Resources:

- **Physics Today Career Network:** www.physicstoday.org/jobs
- **Physics and Astronomy Online:** www.physlink.com
- **Institute of Physics:** www.iop.org
- **American Institute of Physics:** www.aip.org/statistics
- **Science Careers:** www.sciencemag.org
- **American Physical Society Careers:** www.aps.org/careers/
- **American Physical Society Employment:** www.aps.org/careers/employment/

All-Purpose Career Resources:

www.wmich.edu/career



O*NET OnLine



careerbuilder.com™

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making the difference.



CareerJournal.com

College
Grad.com

idealist.org
Action Without Borders

Relevant Student Organizations:

Physics Club:

www.wmich.edu/physics/student-organizations



Career and Student
Employment Services

WESTERN MICHIGAN UNIVERSITY

Ellsworth Hall, First Floor
(269) 387-2745 www.wmich.edu/career

Linking Majors to Occupations

Employers of Physics Majors Include:

- Colleges and Universities
- State and Federal Government Agencies
- Business and Industry
- Communications Technology Companies
- Medical Diagnostic Laboratories
- Museums of Science
- Energy Producing Companies
- Space and Aeronautical Companies

Major Skills:

- Developing Research Models and Hypotheses
- Gathering and Evaluating Data
- Mathematical Modeling and Problem Solving
- Ability to Work in Groups
- Presentation Skills
- Designing and Building Experiments and Technical Systems
- Information Retrieval Skills
- Analytical Analysis of Physical and Technical Processes
- Effective Technical Communication Skills

Sample Job Titles:

Acoustics Physicist
Aerodynamist
Astronomer
Astrophysicist
Atomic Physicist
Biotechnical Engineer
Biophysicist
Cardiac Imaging Researcher
Chemical Physicist
Fluids Physicist
Geophysicist
Health Physicist
Hydrologist
Laboratory Technician
Medical Products Designer
Molecular Physicist
Nuclear Physicist
Power Plant Project Manager
Occupational Safety Specialist
Optical Medical Devices Designer
Particle Accelerator Operations Analyst
Physicist
Physics Researcher
Physics Teacher
Plasma Physicist
Radio Astronomer
Satellite Data Analyst
Satellite Missions Analyst
Scientific Photographer
Seismologist
Systems Analyst
Technical Consultant
Technical Illustrator

For Further Information:

- O*NET Dictionary of Occupational Titles: www.onetonline.org
- Occupational Outlook Handbook: www.bls.gov/audience/jobseekers.htm

Hiring Hot-Spots in the Federal Government for Physics Majors

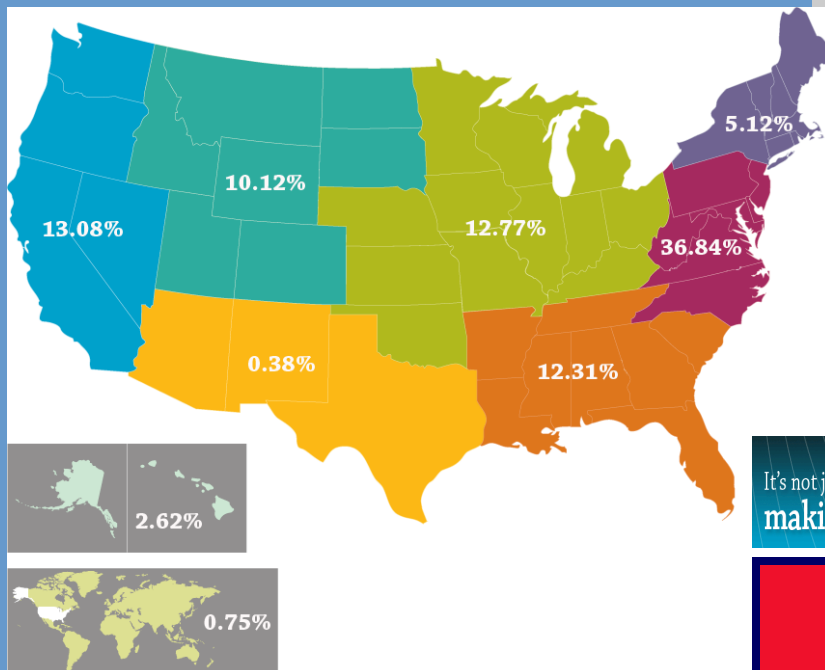
Sample Departments

Department of Agriculture
Department of Commerce
Department of Health and Human Services
Department of Homeland Security
Department of Energy
Department of Interior
Department of Transportation
Environmental Protection Agency
NASA
National Science Foundation
Nuclear Regulatory Commission

Sample Job Titles

Astronomers and Space
Scientists
General Physical Scientists
Geodesists
Geophysicists
Health Physicists
Hydrologists
Oceanographers
Patent Examiners
Physicists

Percentage of Physical Sciences Positions by Region



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