

Information for Physics Careers

Sources of Physics past GRE Exams:

Educational Testing Services/GRE website– Test Takers – Practice for a GRE Test
<http://www.ets.org/gre/> Type in Physics GRE at top and on left panel click Physics Exam

<http://grephysics.net/>

Make sure you note the registration date for taking the Physics GRE...it is much earlier than the actual exam date!

Here's a link to the site where they have the solutions to all the GRE practice exams: <http://grephysics.net/>

Undergraduate Research Site:

Over a thousand summer research positions at over 100 institutions are awaiting your scrutiny. The summer research clearinghouse has been a great success for the past three years in helping physics students get hooked up with the right summer research position. Compare opportunities, search by stipend, geographic location, etc.

www.the-nucleus.org

Source of Physics & Astrophysics Grad School Departments Information

<http://www.gradschoolshopper.com/>

You search by institution name, subject, region or degree granting program. Most of the basic information found in the AIP Handbook of Ph.D. Programs in Physics & Astrophysics can be found when you click on the university's .pdf file.

<http://www.gradschools.com/programs/physics.html>

Applications for National Fellowships

National Science Foundation: <http://www.nsfgradfellows.org/>

Stipend of \$30,000 per year for 3 years renewable to 4th year
Applications due ~November 1 but you must prepare early. Requires personal statement, outreach statement, 2 page research proposal, past research statement, plus 3 letters of recommendation. GRE scores not required but helpful to send them.

National Physical Science Consortium: <http://www.npsc.org/students/info.html>

Stipend of \$16,000 per year for up to 2-3 years

Listing of NSF REU Sites with information on programs and due dates

http://www.nsf.gov/crssprgm/reu/reu_search.cfm

Physics Employment:

<http://careers.aps.org/jobs/>

See Career Network – and associated links

See Statistical Research Center

Click on left panel: Who is Hiring Physics Majors by State...to see employers who hire students with undergrad physics degree by state

What will make you employable in industry, national labs, and academe:

1. *Problem solving ability* – knowing how things work (advanced lab experience!)
2. *Networking. Ability to work with others, and on teams.*
3. *Agility.* Confidently move between fields of science and engineering.
4. *Proactive, organized, responsible.*

Local Jobs in Industry:

Listed job title most often will be Engineer. However many employers are looking for physicists with the above qualities to fill these positions.

<http://mysfsciencejobs>

<http://monster.com>