



1. Where Ph.D. chemists work: see also <http://www.acs.org/content/acs/en/careers/whatchemistsdo/careers.html>

- **Private Industry:** Many private industries employ scientists, including: chemical companies, pharmaceutical & biotechnology companies, scientific journals, waste management companies, environmental consulting firms, food manufacturers, testing labs, clinics & hospitals, research & development laboratories.
- **Academia:** Tenure track faculty positions in Ph.D.-granting institutions, tenure-track faculty positions in 2 and 4 year colleges, non-tenure-track teaching positions and expert technical staff appointments. For high school teaching you may need a teacher's certificate also.
- **Federal, State, or Local Government:** Individuals with a science background are employed in a variety of fields, and as part of many different agencies across the government, including: Food & Drug Administration, National Science Foundation, Public Health Service, U.S. Environmental Protection Agency, Center for Disease Control, OSHA, Air Pollution Control, National Institutes of Health.
- **Other:** Non-profit organizations, patents and intellectual property, technology transfer offices in universities and hospitals, financial services, also in consulting and science writing.

2. major on-line resource for choosing your career path (booklets of tips etc., searchable job data base):

<http://sciencecareers.sciencemag.org/>

test yourself to find *your career path*: <http://myidp.sciencecareers.org/>

myIDP provides:

- Exercises to help you examine your skills, interests, and values
- A list of 20 scientific career paths with a prediction of which ones best fit your skills and interests
- A tool for setting strategic goals for the coming year, with optional reminders to keep you on track
- Articles and resources to guide you through the process

particularly useful booklets: http://sciencecareers.sciencemag.org/tools_tips/outreach/booklets

- [Career Trends: The Informed Job Search](#)
- [Career Directory 2013](#)
- [Career Trends: Industry or Academia: Where do I fit in?](#)
- [Step by Step: Your Career from Undergrad to Postdoc](#)
- [Career Trends: Careers Away from the Bench](#)
- [Career Basics Booklet - 2009 edition](#)
- [Career Trends: The Informed Job Search](#)

Helpful science career advice all throughout early and mid- career:

http://sciencecareers.sciencemag.org/career_magazine/career-advice

3. Books:

- *So What Are You Going to Do with That? A Guide for M.A.'s and Ph.D.'s Seeking Careers Outside the Academy* by Susan Basalla and Maggie Debelius, 176p, ISBN 0-374-52621-4
- *Put Your Science to Work: The Take-Charge Career Guide for Scientists* by Peter Fiske, 179p, ISBN-13: 978-0875902951
- *Guide to Non-Traditional Careers in Science* by Karen Young-Kreeger, 288p, ISBN-13: 978-1560326700
- *Alternative Careers in Science: Leaving the Ivory Tower* by Cynthia Robbins-Roth, 267p, ISBN-13: 978-0125893756

4. Major science jobs databases (searchable, includes post-doctoral positions):

<http://www.nature.com/naturejobs/science/>

<http://jobs.sciencecareers.org/jobs/>

<http://jobs.newscientist.com/>

<http://www.phds.org/>

5. more specific jobs databases:

healthcare, pharma and science: <http://www.medzilla.com/>
biotech and biopharmaceutical: <http://www.biospace.com/> <http://www.hirebio.com/> <http://www.hirerx.com/>
bio-related careers: <http://biocareers.com/job-seekers>
materials-related: <http://materialsjobs.com/>
flavors and fragrances: <http://www.iff.com/careers/career-opportunities.aspx>
intellectual property: <http://www.intelproplaw.com/JobsAvailable/>
environmental health & safety: <http://www.ehscareers.com/home.cfm>
green jobs: <http://jobs.greenbiz.com/>

Professional societies jobs databases:

American Chemical Society: <http://chemistryjobs.acs.org/jobs>
American Council of Engineering: <http://www.acec.org/jobbank/index.cfm>
National Association of Science Writers: <http://www.nasw.org/>
Association of University Technology Managers: http://careercenter.autm.net/home/index.cfm?site_id=3719

6. general job search aggregators:

<http://www.indeed.com/>
<http://www.simplyhired.com/>

7. US Government Jobs

<http://bestplacetowork.org/BPTW/index.php> survey results of best places to work in government
<http://gogovernment.org/> no job posts here but instead a career guide to government careers: pros and cons, find your fit, application tips, tips on how to navigate the jobs database: <https://www.usajobs.gov/>

check specific federal agencies for categories of careers available there:

- [Department of Defense](#)
- [National Aeronautics and Space Administration](#)
- [Department of Transportation](#)
- [Environmental Protection Agency](#)
- [Department of Energy](#)
- [Department of Agriculture](#)
- [Department of the Interior](#)
- [Department of Health and Human Services](#)
- [National Institutes of Health](#)
- [National Science Foundation](#)
- [Centers for Disease Control](#)
- [U.S. Agency for International Development](#)
- [Food and Drug Administration](#)
- [National Security Administration](#)
- [Department of State](#)
- [Central Intelligence Agency](#)
- [Federal Bureau of Investigation](#)
- [Homeland Security](#)

8. sources for **Other**: <http://www.careereducation.columbia.edu/print/1014>

Non-profit job database: <http://www.idealists.org/>
start-up organizations: <http://www.startuphire.com/>
<http://ventureforamerica.org/>
<http://www.startupers.com/>
<http://www.startuply.com/>