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:


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/

prepared by Cynthia J. Jameson Sept 4, 2013
5. more specific jobs databases:
   healthcare, pharma and science: http://www.medzilla.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.intelprolaw.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.idealist.org/
   start-up organizations: http://www.startuphire.com/
   http://ventureforamerica.org/
   http://www.startupers.com/
   http://www.startuply.com/