

Geology Career Chat



Office of Career Development

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Office Hours: Weekdays, 8:30 am – 5:00 pm and Wednesdays 7 – 9 pm

Steps In Choosing A Career

First Step: Self Assessment: “Know Thyself”

1. Understand and relate your personality traits to career choices
2. Define your personal values
3. Determine your economic needs
4. Explore longer-term goals
5. Understand your skill base
6. Identify your preferred skill base
7. Express a willingness to improve

Strategies for self-assessment may include meeting with a Career Counselor, taking interest inventories such as the Strong Interest Inventory or the Myers Briggs Type Indicator, or working through the exercises in any one of a number of books in the CDO library, including *What Color Is Your Parachute*.

Second Step: Research Career Options

Once you have established a base of self-knowledge, the next step is to create a knowledge base of opportunities available and begin the your interests to a career.

Strategies for researching career options include:

- Informational interviewing and networking with professionals in areas that may be of interest to you
- Talking with Vassar alumnae/i and utilizing V-NET
- Utilizing job listings through eRecruiting and in the CDO
- Surfing the Internet for career options and information—including Spotlight on Careers, CareerSearch, and Vault.com
- Participating in internships or job-shadowing experiences
- Scanning job listings for positions that sound interesting
- Joining and attending professional organizations or association meetings, conferences, and networking opportunities
- Reading trade journals

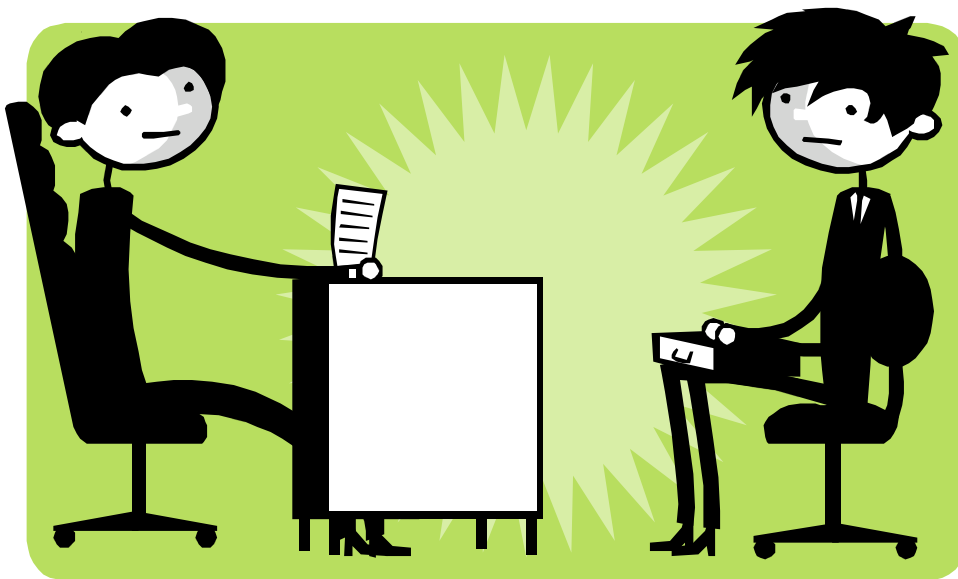
Next Step: Job Search

A job search involves:

- Creating a strong resume and cover letter
- Developing lists of contacts and target organizations
- Applying for positions
- Interviewing
- Doing follow-up

Career Counselors here at the CDO are ready and available to assist you through the entire process. The Career Development Office library and website also contain various handouts, books, articles, journals, etc. that could aid you in this process.

Job-hunting takes time and energy! This varies, of course, depending on the field, preparation, and dedication of the job seeker. Geographic flexibility also significantly impacts one's job search. Many occupations today require a college-educated individual who can write and speak well, solve problems, learn new information quickly and work well with others on a team. This means that college graduates use their education in a wide variety of fields, and your future career may relate more to your personal career interests, work values, and transferable skills than any specific academic major.



What About Graduate School?

<http://careers.vassar.edu/advice-graduate-school/>

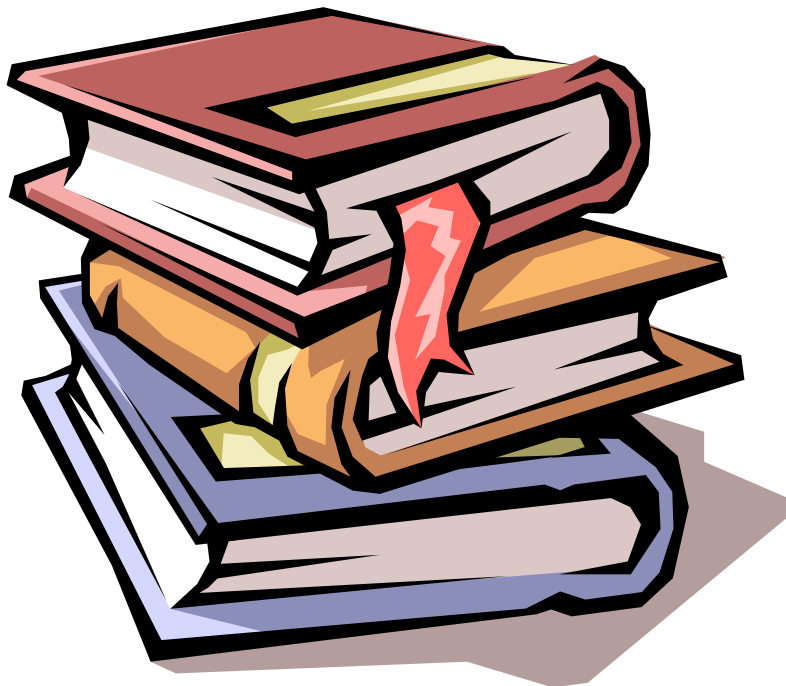
The reasons for continuing one's education in graduate school can be as varied and unique as the individual. Many continue their studies at an advanced level because they simply find it difficult to end the educational process. They love what they are learning; they want to learn more and continue their academic preparation. Others go on to graduate school for purely a practical reason: their area of interest requires an advanced degree.

It is important to carefully consider your reasons for going to graduate school. Graduate school involves additional time away from the employment market, a high degree of critical evaluation, significant autonomy as you pursue your studies, and a considerable financial expenditure. For some students in doctoral programs, there may be additional life choice issues, such as relationships, marriage, and parenthood that may present real challenges while in a program of study.

Think about the following questions when making this decision:

- Are you postponing tough decisions by going to school?
- Have you done some “hands-on” reality testing?
- Do you need an advanced degree to work in your field?
- Have you compared your expectations of what graduate school will do for you with what it has done for alumni of the program you are considering?
- Have you talked with people in your field to explore what you might be doing after graduate school?
- Are you excited by the idea of studying in the field you have in mind?

Graduate school is NOT a career choice—it is a tool to reach or advance your career goals. Be sure to ask yourself why you are going to graduate school and what you want to do with the degree.



Geology Alumni Career Choices

Here is a sampling of the many career paths Vassar alumnae/i have pursued with their undergraduate degree in Geology (may have pursued further education). Some of these career choices are closely related to their major, while others are not. If you would like to talk to alumnae/i and ask them questions about their careers, feel free to use the V-NET database through the AAVC website at <http://www.aavc.vassar.edu>.

- Agribusiness/Farming/Ranching**, Self-employed Beekeeper/Natural Products Manufacturer, Class of 1981
- Art/Antique Merchandising/Gallery**, Collectibles/Antique Dealer at Ellis' Eclectics, Class of 1967
- Education – College/University**, Professor of Geology and Assistant Deal of the College of Science & Technology at Texas A&M University at Corpus Christi, Class of 1977
- Education – Secondary**, Director of Science Curriculum at the Convent of the Sacred Heart, Class of 1974
- Engineering**, President of Appalachian Mining & Engineering Inc., Class of 1977
- Engineering**, Manager of Radioactive Waste Disposal at Bechtel Nevada, Class of 1967
- Environmental**, Project Geologist at TRC Environmental Corp., Class of 1994
- Environmental**, Environmental Consultant at Delta Environmental Consultants, Inc., \ Class of 1995
- Environmental**, International Coordinator for Latin America at U.S. Geological Survey, Class of 1978
- Federal Administrative Government**, Program Manager at U.S. Environmental Protection Agency, Class of 1985
- Judicial/Law Enforcement**, Acting Supreme Court Judge in New York State, Class of 1975
- Physical/Mathematical Science**, Hydrologist at U.S. Geological Survey
- Utilities/Energy**, Technology Manager at Amoco Norway Oil Company, Class of 1974

CDO Library Resources for Geology Majors

The following books and many more can be found in the CDO Library:

- 100 Jobs in the Environment* by Debra Quintana, 1996.
- Big Green Internship Book, The – Internships and Summer Jobs for the Environment* by Career Education Institutes, 2003.
- Careers for Environmental Types and Others Who Respect the Earth* by Mike Fasulo & Jane Kinney, 2002.
- Complete Guide to Environmental Careers in the 21st Century, The* by the Environmental Careers Organization, 1999.
- Directory of National Environmental Organizations, The* by John C. Brainard, 1994.
- Earth Work* by the Student Conservation Association, 1994.

Geology Library Resources cont.

- Eco Guide to Careers that Make a Difference, The* by the Environmental Careers Organization, 2004.
- Environmental Career Directory* by Bradley J. Morgan & Joseph M. Palmisano, 1993.
- Environmental Careers in the 21st Century* by The Environmental Careers Organization, 1999.
- Environmental Engineering Selection Guide* by the American Academy of Environmental Engineers, 2001.
- Green At Work – Finding a Business Career That Works for the Environment* by Susan Cohn, 1992.
- Guide to Graduate Environmental Programs, The* by The Student Conservation Association, 1997.
- Northeast Field Guide to Environmental Education, The* by Antioch New England Graduate, 1991.
- Opportunities in Environmental Careers* by Odom Fanning, 2002.
- Resumes for Environmental Careers* by VGM Career Horizons, 1994.
- Working with the Environment* by Tim Ryder & Deborah Penrith, 2004
- World Directory of Environmental Organizations* by the International Center for the Environment and Public Policy, 2001.

Geology Related Websites

- Vassar College Department of Geology: <http://geologyandgeography.vassar.edu/>
- American Association of Petroleum Geologists: www.aapg.org
- American Geological Institute: <http://www.agiweb.org/careers.html>
- American Institute of Professional Geologists: www.aipg.org
- Association of Women Geoscientists: www.awg.org
- *Environmental Career Opportunities:
<http://www.ecojobs.com/colleges/collegecontents.asp>
- Geological Society of America: <http://www.geosociety.org/profdev/index.htm>
- Geology and Earth Science: <http://geology.com>
- Geology Student Resources:
<http://college.hmco.com/geology/resources/geologylink/index.html>
- Geoscience Career Resources: <http://www.eiu.edu/%7Egeoscience/careers2.htm>
- *Job Seeker: <http://thejobseeker.net>
- *National Environmental Employment Report:
<http://www.environmentalcareer.com/neer.htm>
- National Geophysical Data Center:
<http://www.ngdc.noaa.gov/mgg/aboutmgg/wdcmgg.html>
- U.S. Geological Survey: <http://online.wr.usgs.gov/>
- Women in Science, Technology, Engineering & Mathematics:
<http://womeninscience.org/pages/resources/resources.asp>
- CDO Resources: <http://careers.vassar.edu/resources/>

*Please refer to the updated CDO password sheet to access this site.

Graduate School Information

CDO Website for Graduate Schools: <http://careers.vassar.edu/advice-graduate-school/>
CDO Graduate School Career Briefs: <http://careers.vassar.edu/downloadable-handouts/>
Gradschools.com: <http://gradschools.com/>
GradProfiles: <http://www.gradprofiles.com/>
PhD Info.org: <http://www.phdinfofind.org/>
Peterson Guides to Graduate and Professional Schools: <http://www.petersons.com/>
*Foundation Center Grants To Individuals: <http://gtonline.fdncenter.org/>

Internships

eRecruiting: <http://vassar.erecruiting.com/er/security/login.jsp>
You must attend an eRecruiting orientation with the CDO before you can access the site.
National Science Foundation: http://www.nsf.gov/crssprgm/reu/reu_search.cfm
*National Internships.com: <http://internships.com/accessPremium.cfm>
*Internships USA: <http://www.internships-usa.com>
Undergraduate Summer Research Institute (URSI): <http://www.vassar.edu/ursi/>
University-Based Research Positions: <http://www.rit.edu/~gtfsbi/Symp/grad.htm>

General Career Websites

*Career Search: <http://www.careersearch.net/vassar/>
eRecruiting: <http://vassar.erecruiting.com/er/security/login.jsp>
You must attend an eRecruiting orientation with the CDO before you can access the site.
*Going Global: <http://online.goinglobal.com>
*LACN (Liberal Arts Career NetWORK) Job/Internship Database:
<http://www.lacn-group.org/>
*MonsterTrak: <http://www.monstertrak.monster.com/>
Occupational Outlook Handbook: <http://www.bls.gov/oco/>
Princeton Review's Guide To Your Career: <http://www.princetonreview.com/cte/>
Riley Guide: <http://www.rileyguide.com/>
*Spotlight On Careers: <http://www.spotlightoncareers.org/>
Vassar College Career Development Office: <http://careers.vassar.edu/>
*Vault.com: http://www.vault.com/cb/careerlib/careerlib_main.jsp?parrefer=397
Venture: http://www.theventureconsortium.org/public_interest/exploring.php
Wetfeet: <http://www.wetfeet.com/>

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