

Preparing Future Faculty Resources

Deciding on an Academic Career

General

- *The Professor Business*. By Barbara Flood, Joy K. Moll. NJ: Learned Information (1990).
- *Scholarship Reconsidered: Priorities of the Professorate*. By Ernest L. Boyer. Princeton, NJ: Carnegie Foundation for the Advancement of Teaching (1990).
- *Scholarship Assessed: Evaluation of the Professorate*. By Charles E. Glassick, Mary Taylor Huber, Gene I. Maeroff. San Francisco, CA: Jossey-Bass Inc., Publishers (1997).
- *Increasing Faculty Diversity: The Occupational Choices of High-Achieving Minority Students*. By Stephen Cole, Elinor Barber. Cambridge, MA: Harvard University Press (2003).
- *The Chronicle of Higher Education* <http://chronicle.com/>. Includes articles on pedagogy as well as other useful information.
- The Committee on Professional Training (CPT) of the American Chemical Society <http://www.chemistry.org/portal/Chemistry?PID=acsdisplay.html&DOC=education\cpt\index.html> specifies guidelines for chemistry departments. For more information and to view a list of approved programs.

List of Colleges and Universities in the United States

- *The Carnegie Classification of Institutions of Higher Education* (2000 Edition). Menlo Park, CA: The Carnegie Foundation for the Advancement of Teaching (2000). This material explains the 2000 Carnegie Foundation classification system of higher education institutions. Available as a PDF file at <http://www.carnegiefoundation.org/Classification/index.htm>.
- Links to the home pages of colleges and universities in the United States <http://www.clas.ufl.edu/CLAS/american-universities.html>
- Links to the home pages of community colleges in the United States. Schools can be found using a search engine: <http://www.mcli.dist.maricopa.edu/cc/>
- Lists of colleges, community colleges, and universities in the United States, which can be accessed by state or alphabetically: <http://www.utexas.edu/world/univ/>

Demographic and Salary Information

- *The Chronicle of Higher Education* provides statistical information on
 - academic institutions: <http://chronicle.com/stats/institutions.htm>

- faculty and staff: <http://chronicle.com/stats/faculty.htm>
 - students: <http://chronicle.com/stats/students.htm>
 - scholarly research: <http://chronicle.com/stats/scholarly.htm>
 - faculty salaries for the 2000–2001 school year: <http://chronicle.com/stats/aaup/2002/>
 - statistical information on institutions, faculty, staff, administration, and students: <http://chronicle.com/stats/archive/almanac.htm>
- *What Professors Earn*. By *The Chronicle of Higher Education*. An article that uses tables and graphs to summarize the findings by the American Association of University Professors on the salaries of professors: <http://chronicle.com/free/v48/i32/4832aaup.htm>

Professional Organizations for Colleges and Universities

- The Association of American Universities (AAU) <http://www.aau.edu/> is a professional organization that deals with the issues and concerns of “research-intensive” universities
- The Association of American Colleges and Universities (AAC&U) <http://www.aacu.edu.org/> is a professional organization dedicated to the issues and concerns of liberal education. Includes both public and private schools (both 2-year and 4-year institutions)
- The American Council on Education (ACE) <http://www.acenet.edu/> is a professional organization that includes all types of colleges and universities:
- The American Association of State Colleges and Universities (AASCU) <http://www.aascu.org/> is a professional organization devoted to the issues concerning all types of 4-year public institutions
- The National Association of Independent Colleges and Universities (NAICU) <http://www.naicu.edu/> is a professional organization dedicated to the issues concerning of all types of private institutions (ranging from research universities to women’s colleges)
- The American Association of Community Colleges (AACC) <http://www.aacc.nche.edu/> is a professional organization dedicated to the needs and issues of 2-year institutions
- The Council of Graduate Schools (CGS) <http://www.cgsnet.org/> is a professional organization “dedicated to the improvement and advancement of graduate education”

Preparing for an Academic Career

General

- *Tomorrow's Professor: Preparing for Academic Careers in Science and Engineering*. <http://cis.stanford.edu/structure/tomorrowprof.html>
By Richard M. Reis. NY: IEEE Press (1997).
- *Tomorrow's Professor* list serve provides postings on higher education: <http://cis.stanford.edu/structure/tomprof/listserver.html>
- *How to Get All-Important Teaching Experience*. By Richard M. Reis. July 21, 2000, in *The Chronicle of Higher Education Career Network Catalyst*: <http://chronicle.com/jobs/2000/07/2000072102c.htm>
- *A Ph.D. Is Not Enough: A Guide to Survival in Science*. By Peter J. Feibelman. MA: Addison-Wesley (1993).
- *Cracking the Academia Nut: A Guide to Preparing for Your Academic Career*. By Margaret Newhouse. Cambridge, MA: Harvard University Press (1997).
- *The New Professor's Handbook: A Guide to Teaching and Research in Engineering and Science*. By Cliff I. Davidson, Susan A. Ambrose. Bolton, MA: Anker Pub. Co. (1994).
- *Scholarly Pursuits: A Practical Guide to the Academe* (4th Edition). By C. Verba. Cambridge, MA: Harvard Graduate School of Arts and Sciences (1997).
- *Successful College Teaching: Problem-Solving Strategies of Distinguished Professors*. By Sharon A. Baiocco, Jamie N. De Waters. Boston, MA: Allyn and Bacon (1998). Chapter 10 has practical advice for the common problems teaching assistants are faced with.
- *The Chicago Guide to Your Academic Career: A Portable Mentor for Scholars from Graduate School Through Tenure*. By John A. Goldsmith, John Komlos, Penny Schine Gold. Chicago, IL: University of Chicago Press (2001).
- *So You Want to Be a Professor? A Handbook for Graduate Students*. By P. Aarne Vesilind. CA: Sage Publications (2000).*
- *University Teaching: A Guide for Graduate Students*. By L.M. Lambert, S.L. Tice, and P.H. Featherstone. Syracuse, NY: Syracuse University Press (1996)
- *The Academic Job Search Handbook* (3rd Edition). By Mary Morris Heiberger, Julia Miller Vick. PA: University of Pennsylvania Press (2001).
- *On the Market: Surviving the Academic Job Search*. Edited by Christina Boufis, Victoria A. Olsen. New York: Riverhead Books (1997).
- *Put Your Science to Work: The Take-Charge Career Guide for Scientists*. By Peter S. Fiske. Washington, DC: American Geological Union (2001).

- *Getting an Academic Job*. By Jennie Jacobs Kronenfeld, Marcia Lynn Whicker. Thousand Oaks, CA: Sage Publications (1997).
- *How to Succeed in Academics (Successful Career Management)*. By Linda L. McCabe, Edward R. B. McCabe. CA: Academic (2000).
- *What a Chemist Should Consider Before Accepting an Academic Position*. Provided by the American Chemical Society's Career Services:
<http://www.chemistry.org/portal/resources?id=c60bb4ba95a111d6fed44fd8fe800100>
- *How To Get a Tenure-Track Position at a Predominantly Undergraduate Institution*. Provided by the Council on Undergraduate Research. Available at
<http://www.cur.org/publications.html>
- *Landing an Academic Job: The Process and the Pitfalls*. By Jonathan A. Dantzig of the Department of Mechanical and Industrial Engineering at the University of Illinois at Urbana-Champaign:
http://quattro.me.uiuc.edu/~jon/ACAJOB/Latex2e/academic_job/academic_job.html

The Preparing Future Faculty Program

- Homepage of the Preparing Future Faculty (PFF) Program: <http://www.preparing-faculty.org/PFFWeb.Contents.htm>
- List of Online Resources compiled by the PFF Program: <http://www.preparing-faculty.org/PFFWeb.Resources.htm>
- The American Chemical Society's website on Preparing Future Chemistry Faculty: <http://www.acs.org/portal/Chemistry?PID=acsdisplay.html&DOC=education%5Cstudent%5Cpffweb.html>
- *Building the Faculty We Need: Colleges and Universities Working Together*. By Jerry Gaff, Anne S. Pruitt-Logan, Richard A. Weibl, and participants in the Preparing Future Faculty Program. AAC&U Publishers (2000). To order <http://www.aacu-edu.org/publications/index.cfm>

Other

- The *Next Wave* site maintained by *Science*, has information on
 - postdocs <http://nextwave.sciencemag.org/pdn/>
 - encouraging diversity <http://nextwave.sciencemag.org/miscinet/>
- *Black Issues in Higher Education* is a bimonthly newsmagazine dedicated to minority issues: <http://www.blackissues.com/110702/>

- The Younger Chemists Committee of the American Chemical Society provides virtual mentoring: <http://membership.acs.org/scripts/Y/YCC/oneonone/oneonone-mentors.asp>
- *Ph.D. Resources* website is maintained by the Re-envisioning the Ph.D. Project of the University of Washington, Seattle, WA. This site includes links for *many* resources that will help Ph.D. students during their graduate experience (from qualifying exams to teaching) and during their job searching (from writing CV's to job postings): <http://www.grad.washington.edu/envision/phd/index.html> *

Seeking an Academic Position

Job Postings

- "Academic360.com is a meta-collection of Internet resources that have been gathered for the academic job hunter." It includes links to faculty, staff, and administrative announcements: <http://www.academic360.com/>
- Academic360.com also provides convenient links to all of the U.S. national laboratories' job postings sites. The U.S. national laboratories often have quite a number of postdoctoral positions available: <http://www.academic360.com/faculty/science.html>
- The Academic Employment Network is a website that lists available positions: <http://www.academemploy.com/>
- The Academic Position Network also provides job listings: <http://www.apnjobs.com/>
- For a comprehensive list of job postings provided by *The Chronicle of Higher Education* Career Network: <http://chronicle.com/jobs/>
- For a comprehensive list of job postings provided by *Black Issues in Higher Education*: <http://www.blackissues.com/110702/> (a subscription is required).
- *Chemical & Engineering News* Classifieds contains job postings: <http://pubs.acs.org/cen/cenwelcomepage.html>
- The American Chemical Society's online career source includes job postings and resources: <http://www.jobspectrum.org/>
- The American Chemical Society's Career Services provides additional resources and career information: <http://www.chemistry.org/portal/Chemistry?PID=career.html&DOC=careers\index.html>
- The Next Wave site, maintained by *Science*, has information on career development, job postings, grants, and more (a subscription to *Science* is necessary for access): <http://nextwave.sciencemag.org/index.dtl>

- The Preparing Future Faculty website has links helpful to job seekers: <http://www.preparing-faculty.org/PFFWeb.Resources.htm#career>
- The Camille and Henry Dreyfus Foundation, Inc., has postdoctoral programs: <http://www.dreyfus.org/>

CVs, Portfolios, Teaching Philosophy, Research Proposals, and Interviewing

CVs

- *The Curriculum Vitae Handbook: Using Your CV to Present and Promote Your Academic Career.* By Rebecca Anthony, Gerald Roe. Iowa City, Iowa: Rudi Pub. (1994).
- *The CV Doctor.* By Mary Morris Heiberger, Julia Miller Vick. An article in *The Chronicle of Higher Education*. It provides good advice for preparing a CV and analyzes some samples: <http://chronicle.com/jobs/99/09/99091701c.htm>
- Jobstar.org is a site containing general information on CVs as well as links to samples and other sites on how to write a CV: <http://jobstar.org/tools/resume/res-cv.cfm>
- *Tips on Writing a Curriculum Vitae.* By the Department of Career Services of the American Chemical Society: http://chemistry.org/portal/servlet/resources/org/chemistry/avercom/display/ContentRetrievalServlet/ACS/ACSContent/careers/ACS_Vitae.pdf
- *The Basics of Science C.V.'s.* By Richard M. Reis. March 31, 2000, in *The Chronicle of Higher Education* Career Network Catalyst: <http://chronicle.com/jobs/2000/03/2000033102c.htm>

Cover Letters

- *201 Dynamite Job Search Letters* (3rd Edition). By Ronald L. Krannich, Caryl Rae Krannich. Manassas Park, VA: Impact Publications (1997).
- *The Basics of Cover Letter Writing.* By Richard M. Reis. March 3, 2000, in *The Chronicle of Higher Education* Career Network Catalyst: <http://chronicle.com/jobs/2000/03/2000030302c.htm>
- *How to Write Appealing Cover Letters.* By Mary Morris Heiberger, Julia Miller Vick. April 21, 2000, in *The Chronicle of Higher Education* Career Network Career Talk Column: <http://chronicle.com/jobs/2000/04/2000042101c.htm>

Portfolios

- *Successful Use of Teaching Portfolios.* By Peter Seldin & Associates. Bolton, MA: Anker Publishing (1993).
- *The Teaching Portfolio: Capturing the Scholarship of Teaching.* Russell Edgerton, Patricia Hutchings, Kathleen Quinlan. Washington, DC: American Association for Higher Education (1991).

- *Preparing a Teaching Portfolio*. By Fran Mues and Mary Dean Sorcinelli at the Center for Teaching at the University of Massachusetts, Amherst (2000): <http://www.umass.edu/cft/publications/teaching%20portfolio.pdf>
- The Center for Teaching Excellence at Iowa State University, provides an outline of what material should be included in a teaching portfolio: <http://www.cte.iastate.edu/portfolio/contents.html>
- The Center for Effective Teaching and Learning at the University of Texas at El Paso, contains tools on how to develop and assess a teaching portfolio and includes samples of portfolios (with teaching philosophies!): <http://www.utep.edu/cetal/portfoli/>
- The Center for Instructional Development and Research at the University of Washington has an information on:
 - guidelines, links to other sites, and a list of books about teaching portfolios: <http://depts.washington.edu/cidrweb/PortfolioTools.htm>
 - details of what you might include in your teaching portfolio: <http://depts.washington.edu/cidrweb/TeachingPortfolioPage5.html>

Teaching Philosophy

- *Writing a Teaching Philosophy*. By Lee Haugen at the Center for Teaching Excellence, Iowa State University (1998): <http://www.cte.iastate.edu/tips/philosophy.html>
- Tips on how to write a teaching philosophy by the Center for Effective Teaching and Learning at the University of Texas at El Paso: <http://www.utep.edu/~cetal/portfoli/writetps.htm>
- More tips on how to write a teaching philosophy as well as items to include in a teaching portfolio, by the Center for Instructional Development and Research at the University of Washington: <http://depts.washington.edu/cidrweb/PortfolioTips.htm>
- The Office of Instructional Consultation–TA Development Program at the University of California, Santa Barbara provides answers to commonly asked questions about a teaching philosophy: <http://www.id.ucsb.edu/IC/TA/port-FAQ.html>
- *How to Write a Teaching Philosophy for Academic Employment*. Provided by the American Chemical Society's Career Services: http://www.chemistry.org/portal/servlet/resources/org/chemistry/avercom/display/ContentRetrievalServlet/ACS/ACSContent/careers/empres/careers_academicnews.pdf *

Research Proposals

- The site created by C. Sandra Jamieson, Drew University contains general information about what to include in a research proposal: http://users.drew.edu/~sjamieso/research_proposal.html

Interviewing

- *101 Great Answers to the Toughest Interview Questions* (3rd Edition). By Ronald W. Fry. Franklin Lakes, NJ: Career Press (1996).*
- *Ph.D. Interview Preparation Guide for Positions in Academia* by Trina Segó and Jef I. Richards of the University of Texas at Austin website, which tells you what the faculty is generally looking for in a candidate, what to expect in the interview process, and how to prepare. It also gives sample questions that you should be prepared to answer as well as ask:
<http://advertising.utexas.edu/JR/InterviewPrep.html>
- The American Chemical Society's *Interview Handbook*:
<http://www.chemistry.org/portal/servlet/resources/org/chemistry/avercom/display/ContentRetrievalServlet/ACS/ACSContent/careers/empres/interview99.pdf>
- *Giving a Job Talk in the Sciences*. By Richard M. Reis. March 30, 2001, in *The Chronicle of Higher Education Career Network Catalyst*:
<http://chronicle.com/jobs/2001/03/2001033002c.htm>

The Job Offer

- *The Right Start-Up Package for Beginning Science Professors*. By Richard M. Reis. August 27, 1999, in *The Chronicle of Higher Education Career Network Catalyst*:
<http://chronicle.com/jobs/99/08/99082702c.htm>

Keeping an Academic Position

General

- *Methods of Effective Teaching and Course Management for University and College Science Teachers*. By Eleanor D. Siebert, Mario W. Caprio, Carri M. Lyda. Iowa: Kendall/Hunt Publishing Company (1997).
- *McKeachie's Teaching Tips: Strategies, Research, and Theory for College and University Teachers* (10th Edition). By Wilbert J. McKeachie. MA: Houghton Mifflin Co. (1999).
- *Teaching Tips for College and University Instructors: A Practical Guide*. By David Royse. Boston, MA: Allyn and Bacon (2001).
- *Tools for Teaching*. By Barbara Gross Davis. San Francisco, CA: Jossey-Bass Publishers (1993).
- *The Courage to Teach: Exploring the Inner Landscape of a Teacher's Life*. By Parker J. Palmer. CA: Jossey-Bass Publishers (1998).
- *The Courage to Teach: A Guide for Reflection and Renewal*. By Rachel C. Livsey. CA: Jossey-Bass Publishers (1999).
- *Mentor in a Manual: Climbing the Academic Ladder to Tenure* (2nd Edition). By A. Clay Schoenfeld, Robert Magnan. Madison, WI: Atwood Publications (1994).

- *Getting Tenure*. By Marcia Lynn Whicker, Jennie Jacobs Kronenfeld, Ruth Ann Strickland. Newbury Park: Sage Publications (1993).
- *Teaching within the Rhythms of the Semester*. By Donna Killian Duffy, Janet Wright Jones. San Francisco, CA: Jossey-Bass Publishers (1995).
- *Making the Most of College: Students Speak Their Minds*. By Richard J. Light. Cambridge, MA.: Harvard University Press (2001). *
- *The Chicago Handbook for Teachers: A Practical Guide to the College Classroom*. By Alan Brinkley. Chicago, IL: University of Chicago Press (1999).
- *Teaching and Learning in College: A Resource for Educators* (4th Edition). Edited by Gary S. Wheeler. Elyria, OH: Info-Tec (2002).
- *A Handbook for Adjunct/Part-Time Faculty and Teachers of Adults* (4th Edition). By Donald Greive. Elyria, OH: Info-Tec (2002).
- *Teaching Strategies and Techniques for Adjunct Faculty* (4th Edition). By Donald Greive. Elyria, OH: Info-Tec (2002).
- *Handbook II: Advanced Teaching Strategies for Adjunct and Part-Time Faculty*. By Donald Greive. Elyria, OH: Info-Tec (2002).
- *A Guide to Classroom Instruction for Adjunct Faculty*. By John H. Reed. Washington, DC: American Chemical Society (2002).
- *Science Teaching Reconsidered: A Handbook*. Prepared by the Committee on Undergraduate Science Education. Washington, DC: National Academy Press (1997). Can be previewed at <http://books.nap.edu/books/0309054982/html/9.html#pagetop>
- *The National Teaching and Learning Forum*. By James Rhem. Oryx Press: <http://www.ntlf.com>
- Palmer, Parker J. *Teaching from the Heart: Seasons of Renewal in a Teacher's Life*. Written and produced by Patrick O'Donnell and Joey Easton O'Donnell; produced by Global Village Communications. San Francisco, CA: Jossey-Bass Publishers (1999). 1 videocassette (33 min): sd., col.; 1/2 in. VHS.

Grant Writing/Guidelines/Sources

- *I'll Grant You That: A Step-By-Step Guide to Finding Funds, Designing Winning Projects, and Writing Powerful Proposals*. By Jim Burke, Carol Ann Prater. NH: Heinemann (2000).
- *Winning Grants Step by Step*. By Mim Carlson. CA: Jossey-Bass Publishers (1995).
- *At the Helm: A Laboratory Navigator*. By Kathy Barker. Cold Spring Harbor Laboratory Press (2002).

- The National Science Foundation's overview of funding opportunities: <http://www.nsf.gov/home/grants.htm>
- *The National Science Foundation's funding opportunities of interest to educators in all levels of education as well as special programs and awards:* <http://www.nsf.gov/home/faculty/start.htm>
- The Camille and Henry Dreyfus Foundation, Inc., has funding opportunities for new faculty members: <http://www.dreyfus.org/>
- The National Institutes of Health (NIH) has funding opportunities: <http://grants.nih.gov/grants/index.cfm>
- The Research Corporation: <http://www.rescorp.org/>
- The Petroleum Research Fund (PRF): <http://chemistry.org/portal/Chemistry?PID=acsdisplay.html&DOC=prf\index.html>
- The Council on Undergraduate Research (CUR) provides grant information as well as general information useful for persons at or planning to teach at undergraduate institutions: <http://www.cur.org/>
- Community on Science. A great place to search for funding opportunities: <http://www.cos.com/>
- A database of grants and funding opportunities: http://www.grantsnet.com/search/srch_menu.cfm
- *Proposal Writer's Guide*. By Don Thackrey of the University of Michigan. "This Guide is intended for faculty and staff members with little or no experience in writing proposals for sponsored activities": <http://www.research.umich.edu/proposals/PWG/pwgcomplete.html> or <http://www.research.umich.edu/proposals/PWG/pwgcontents.html>
- *Writing Research Proposals to the National Science Foundation*. By Susan Finger at Carnegie Mellon University. Includes writing tips and guidelines: <http://www-2.cs.cmu.edu/~sfinger/advice/proposal.advice.pdf>
- *How To Develop and Administer Institutional Undergraduate Research Programs*. Provided by the Council on Undergraduate Research. Available at <http://www.cur.org/publications.html>
- *How To Get Started in Research*. Provided by the Council on Undergraduate Research. Available at <http://www.cur.org/publications.html>
- *How To Mentor Undergraduate Researchers*. Provided by the Council on Undergraduate Research. Available at <http://www.cur.org/publications.html>

Online Teaching

- *Building Learning Communities in Cyberspace: Effective Strategies for the Online Classroom*. By Rena M. Palloff, Keith Pratt. CA: Jossey-Bass Publishers (1999).
- *Lessons from the Cyberspace Classroom: The Realities of Online Teaching*. By Rena M. Palloff, Keith Pratt. CA: Jossey-Bass Publishers (2001).

Assessment Resources

- *Effective Grading: A Tool for Learning and Assessment*. By Barbara E. Fassler Walvoord, Virginia Johnson Anderson. CA: Jossey-Bass Publishers (1998).
- *Learner-Centered Teaching: Five Key Changes to Practice*. By Maryellen G. Weimer. CA: Jossey-Bass Publishers (2002).
- *Designing and Assessing Courses and Curricula: A Practical Guide*. By Robert M. Diamond. CA: Jossey-Bass Publishers (1997).
- *Building a Scholarship of Assessment*. By Trudy W. Banta and Associates. CA: Jossey-Bass Publishers (2002).
- *They're Not Dumb, They're Different: Stalking the Second Tier*. By Sheila Tobias. Tucson, AZ: Research Corporation (1990).
- *Revitalizing Undergraduate Science: Why Some Things Work and Most Don't*. By Sheila Tobias. Tucson, AZ: Research Corporation (1992).

Issues Specific to Large Classes

- *Teaching Large Classes: Tools and Strategies*. By Elisa Carbone. Thousand Oaks, CA: Sage Publications (1998).
- Barbara Walvoord. *Making large classes interactive*. A production of the Instructional Television Workshop, University of Cincinnati Raymond Walters College Media Services Center. Cincinnati, OH: University of Cincinnati (1995). 1 videocassette (ca. 30 min): sd., col.; in VHS format.

Journals Related to Chemistry/Science Teaching

- The *Journal of Chemical Education* (published by the Division of Chemical Education of the American Chemical Society). The journal "offers articles of interest to teachers of chemistry at all levels, from high school through graduate courses. Articles include reviews of new areas of chemistry, methods for teaching difficult concepts, discussions of learning theory, lecture demonstrations, computer programs, course outlines, and new laboratory experiments": <http://jchemed.chem.wisc.edu/>
- *The Chemical Educator* (published by Springer) serves as a "reference to current topics, experiments, and teaching methodology" at an "affordable cost": <http://link.springer-ny.com/link/service/journals/00897/index.htm>

- The Chemical Heritage Foundation offers educational resources for teachers to incorporate “historical perspectives into the teaching of the chemical sciences”: <http://www.chemheritage.org/>
- The *Journal of College Science Teaching* (published by the National Science Teachers Association, or NSTA): <http://www.nsta.org/journals>
- The *Journal of Research in Science Teaching* (published by the National Association for Research in Science Teaching and available through Wiley Interscience or Jossey-Bass) “publishes reports for science education researchers and practitioners on issues of science teaching and learning and science education policy.” <http://www.josseybass.com/cda/product/0,,TEA,00.html> or <http://interscience.wiley.com/>
- The *Journal of Engineering Education* (published by the American Society for Engineering Education, or ASEE): <http://www.asee.org/jeeonline/default.cfm>

Chemistry (or Science) Specific

- The American Chemical Society: <http://www.chemistry.org/portal/Chemistry>
- The Sheffield Chemdex, a “directory of chemistry on the web,” provides links to chemistry departments, companies, compounds/molecules, and more: <http://www.chemdex.org/>
- Science a Go Go. This website promises to “get your brain into gear with the latest science news, offbeat technologies, scientific hot topics, bizarre scientific research, cryptic experimental results, and the liveliest science discussion board on the Internet.” <http://www.scienceagogo.com/>

Other

- The American Association of University Professors is an organization whose purpose is to “advance academic freedom and shared governance, to define fundamental professional values and standards for higher education, and to ensure higher education’s contribution to the common good.” <http://www.aaup.org/>
- Project Kaleidoscope (PKAL) is an organization dedicated to sustaining strong undergraduate programs in the sciences. Some issues PKAL specifically addresses are “the quality of the faculty, the character of the facilities, the design of the curriculum, the shape of the institutional culture, and budgets.” It also sponsors meetings and conferences: <http://www.pkal.org/>