

Saint Michael's College Student Resource Center

Careers in Science

Job Search and Graduate School Resources

Updated March 2009

KEY SKILLS DEVELOPED:

Operate scientific equipment	Independent worker
Information handling & organization	Curiosity and creativity
Biology theory & practical knowledge	Statistical awareness
Oral & written communication	Numerical computation; utilizing formulas
Analytical & quantitative abilities	Innovative talents
Problem solving	Technical laboratory skills
Teamwork	Developing theories
Working with data	Conducting research
Observation and decision making	

CAREER LIBRARY RESOURCES IN SCIENCE/MEDICINE/HEALTH:

Alternative Careers in Science, Cynthia Robins-Roth ed. (1998)

Becoming a Physician, Jennifer Danek & Marita Danek (1997)

Career Opportunities in Science, Susan Echaore-McDavid (2003)

Careers for Scientific Types and Others with Inquiring Minds, 2nd Edition, Jan Goldberg, (2007)

Careers in Focus: Alternative Health Care, 2nd Edition, Ferguson Publishing Company (2004)

Careers in Focus: Biology, Ferguson Publishing Company (2002)

Careers in Focus: Earth Science, Ferguson Publishing Company (2002)

Careers in Focus: Geriatric Care, Ferguson Publishing Company (2002)

Careers in Focus: Nursing, 3rd Edition, Ferguson Publishing Company (2006)

Careers in Focus: Therapists, Ferguson Publishing Company (2003)

Careers in Health Care, 5th Edition, Barbara M. Swanson (2005)

Careers in Horticulture & Botany, 2nd Edition, Jerry Garner (2007)

Careers in Medicine, 3rd Edition, Terence J. Sacks (2006)

Careers in Nursing, Annette Vallano (1999)

Careers in Nursing, 2nd Edition, Terence J. Sacks (2003)

Careers in Science, 4th Edition, Thomas Easton (2004)

Change Your Career: Nursing as Your New Profession, Barbara Arnoldussen (2007)

Educational and Career Opportunities in Alternative Medicine, Rosemary Jones (1998)

The Everything Guide to Careers in Health Care, Kathy Quan, R.N., B.S.N., P.H.N. (2007)

Great Jobs for Biology Majors, 2nd Edition, Blythe Camenson (2004) (2 copies)

Great Jobs for Chemistry Majors, 2nd Edition, Mark Rowh (2006)

Guide to Careers in the Health Professions, Lynn Borders Caldwell, The Princeton Review (2000)

Health Care Career Starter, Cheryl Hancock (1998)

Health-Care Careers for the 21st Century, Dr. Saul Wischnitzer & Edith Wischnitzer (2000)

Health Care Job Explosion, 4th Edition, Dennis V. Damp (2006)

Health Careers: More Than a Job, 2007 Edition, Produced by University of Vermont, College of Medicine, Vermont Area Health Education Centers (AHEC) Program (2007)

Hospital Telephone Directory, UNICOL (1999)

Job Opportunities for Health and Science Majors 1999, Peterson's (1998)

Job Search Strategies for Chemical Professionals, American Chemical Society (2003)

Opportunities in Biological Science Careers, Revised Edition, Kathleen Belikoff (2004)

Opportunities in Biotechnology Careers, Revised Edition, Sheldon S. Brown (2007)

Opportunities in Chemistry Careers, John H. Woodburn (2002)

Opportunities in Chiropractic Careers, Revised Edition, Bart N. Green, Claire Johnson, & Louis Sportelli (2004)

Opportunities in Clinical Laboratory Science Careers, Karen Karni (2002)

Opportunities in Eye Care Careers, Revised Edition, Kathleen Belikoff (2004)

Opportunities in Forensic Science Careers, Blythe Camenson (2001)

Opportunities in Gerontology and Aging Services Careers, Revised Edition, Ellen Williams (2003)

Opportunities in Holistic Health Care Careers, Revised Edition, Gillian Tierney (2007)

Opportunities in Hospital Administration Careers, Revised Edition, I. Donald Snook, Jr. (2007)

Opportunities in Marine Science and Maritime Careers, Revised Edition, Ray Heitzmann (2006)

Opportunities in Medical Imaging Careers, Clifford J. Sherry (2000)

Opportunities in Medical Sales Careers, Chad Ellis (1997)

Opportunities in Nursing Careers, Revised Edition, Keville Frederickson (2003)

Opportunities in Nutrition Careers, Revised Edition, Carol Coles Caldwell (2005)

Opportunities in Occupational Therapy Careers, Revised Edition, Zona R. Weeks (2007)

Opportunities in Osteopathic Medicine Careers, Terence J. Sacks (2001)

Opportunities in Paramedical Careers, Alex Kacen (2000)

Opportunities in Pharmacy Careers, Revised Edition, Fred B. Gable (2004)

Opportunities in Physical Therapy Careers, Revised Edition, Bernice R. Krumhansl (2006)

Opportunities in Physician Assistant Careers, Terence J. Sacks (2002)

Opportunities in Physician Careers, Revised Edition, Jan Sugar-Webb (2005)

Opportunities in Research and Development Careers, Jan Goldberg (1997)

Opportunities in Speech-Language Pathology Careers, Revised Edition, Patricia Larkins Hicks (2007)

Opportunities in Veterinary Medicine Careers, Robert E. Swope (2001)

Put Your Science to Work; The Take-Charge Career Guide for Scientists, Peter S. Fiske, Ph.D (2001)

Regional Chemistry Employment Directory, Peak Publishing, Inc. (1997)

2002 Regional Life Science Employment Directory, Peak Publishing Inc., (2002)

270 Ways to Put Your Talent to Work in the Health Field, National Health Council (1998)

What Can You Do with a Major in Biology?, Bart Astor (2005)

The Yale Guide to Careers in Medicine & the Health Professions, edited by Robert M. Donaldson, Jr., M.D., Kathleen S. Lundgren, M.D.IV., & Howard M. Spiro, M.D. (2003)

WEB SITES FOR JOB LISTINGS / JOB SEARCH:

Biology:

The American Society of Forensic Sciences www.aafs.org

Co-op Opportunities For Science Majors (RIT) <http://people.rit.edu/gtfsbi/>

Careers with the Agricultural Research Service www.ars.usda.gov/careers

Life Sciences World <http://www.lifesciencesworld.com/>

MonsterTRAK <http://www.monstertrak.com>

BioSpace www.biospace.com

BIOTECH Career Center <http://www.biotechcareercenter.com/index.html>

Sciencejobs.com: the best jobs from the leaders in bioscience <http://www.sciencejobs.com>

Biology Job Search Links <http://www.slic.wsu.edu/bios/jobsearch.html>

Science Careers and job hunting <http://recruit.sciencemag.org>

Maritime Employment Opportunities <http://www.maritimeemployment.com>

Biology Jobs <http://www.BiologyJobs.com>

Chemistry:

The American Society of Forensic Sciences www.aafs.org

ChemJobs.net www.chemjobs.net

Chemistry jobs www.chemistryjobs.com

Nature jobs www.nature.com/naturejobs

Chemistry job search site www.sciencejobs.com

JobSpectrum from the American Chemical Society www.cen-chemjobs.org

MonsterTRAK <http://www.monstertrak.com> (log under UNCW)

Triangle Jobs: news about current job market and major companies in and around the Research Triangle area. Browse over 2000 high-tech jobs. www.trianglejobs.com

Raleigh Jobs Index Online, www.webs4you.com/raleigh/index.htm

Science Careers: comprehensive databases to search for jobs, career interests, employer profiles, career fairs and job descriptions www.sciencecareers.org

Job search engine for chemistry <http://www.ajob4scientists.com/>

Agricultural Biotech Chemical Job List <http://www.nationjob.com/ag>

Chemistry and Industry www.chemind.org

ChemSeer <http://www.chemseer.com/chemistryjobs/vacancies.shtml>

Environmental Science/Studies:

Environmental Jobs in NC www.ejobs.org/states/nc.html

Environmental Career Opportunities http://www.ecojobs.com/login_subs.php
new user ID: saint new password: michael

Environmental Career.com <http://www.environmentalcareer.com/gcj.htm> *password: mistletoe*

Environmental Organizations Web Directory www.webdirectory.com

Environmental Protection Agency on-line internet recruitment system www.epa.gov/ezhire

Environmental Jobs and Careers <http://www.ejobs.org>

EnviroDirectory MidAtlantic & EnviroDirectory New England (environmental majors job searching tool)
<http://www.EnviroDirectory.com>

Environmental Career Opportunities [Http://www.ecojobs.com](http://www.ecojobs.com)

Environmental Careers Bulletin <http://www.eceajobs.com>

Cyber-Sierra's Natural Resources Job Search <http://www.cyber-sierra.com/nrjobs/read.html>

Orion Grassroots Internships and Jobs <http://www.oriongrassroots.org/>

MonsterTRAK <http://www.monstertrak.com>

Environmental Career Center <http://environmental-jobs.com/>

NAEP (National Association of Environment Professionals) - job listings www.naep.org

AWWA job listings <http://www.vv-vv.com/awwa/U63848OR.cfm>

Wetland related jobs <http://www.sws.org/jobs>

Water quality positions <http://www.wef.org/MembershipCareers/JobResources/>

Physics:

Physics and Astronomy Online www.physlink.com

American Institute of Physics Career Services <http://www.aip.org/careersvc/>

American Physical Society Careers/Employment Information <http://www.aps.org/about/jobs>

Physics Jobs On-Line <http://physicsweb.org/jobs>

Jobs in physics, astronomy and other fields <http://www.phys-astro.sonoma.edu/advisor/Jobs.html>

MonsterTRAK <http://www.monstertrak.com>

Jobs in Optics <http://www.optics.org>

Jobs in Science <http://aaas.sciencecareers.org/js.php>

Jobs in education: School jobs <http://www.school-jobs.net>

Education America Network <http://www.educationamerica.net/>

WEB SITES FOR CAREER PLANNING & RESOURCES:

Biology:

Health Management Careers <http://www.healthmanagementcareers.org>

Medzilla www.medzilla.com

Careers in Genetic Counseling <http://www.nsgc.org/career/>

Medical/Health Exploration <http://www.nlm.nih.gov/services/medicaled.html#general>

Center for Health Careers <http://chc.hcwp.org/occubull.htm>

careerMD <http://www.careermd.com>

Healthcare Career Resource Center: Site includes short history of medical careers, healthcare career information, and information on schools & scholarships <http://library.thinkquest.org/15569/index.html>

Biological and Medical Scientists Occupational Outlook Handbook, U.S. Dept of Labor <http://stats.bls.gov/oco/ocos047.htm>

Careers in Biology from Emporia State University <http://www.emporia.edu/biosci/carebiol.htm>

SciWeb - biotechnology career center <http://www.biocareer.com/>

Career Converter <http://6steps.monster.com/step1/careerconverter>

Career Fields <http://career.berkeley.edu/Infolab/CareerFields.stm>

Delaware <http://www.udel.edu/CSC/mrk.html>

Chemistry:

Chemist (Occupational Outlook Handbook) <http://stats.bls.gov/oco/ocos049.htm>

Career Converter <http://6steps.monster.com/step1/careerconverter>

Career Fields <http://career.berkeley.edu/Infolab/CareerFields.stm>

Delaware <http://www.udel.edu/CSC/mrk.html>

Environmental Science/Studies:

Environmental Careers World <http://www.environmentalcareer.com>

Career Guide: Nature & The Environment <http://www.saludos.com/cguide/nguide.html>

Careers That Care http://www.panda.org/about_wwf/jobs/index.cfm

Outdoor Action Guide to Outdoor and Environmental Careers <http://www.princeton.edu/~oa/careeroe.html>

The Environmental Careers Organization <http://www.eco.org/>

Career Opportunities for Environmental Science Majors (from Rutgers Univ)
<http://www.rci.rutgers.edu/~cswebpg/Menvironment.html>

Envirolink <http://www.envirolink.org/>

Science Central <http://www.scicentral.com>

IGC <http://www.igc.org>

Profiles of Environmental Careers <http://www.umanitoba.ca/student/counselling/spotlights/enviro.html>

Career Converter <http://6steps.monster.com/step1/careerconverter>

Career Fields <http://career.berkeley.edu/Infolab/CareerFields.stm>

Delaware <http://www.udel.edu/CSC/mrk.html>

Physics:

Careers with Physics <http://careers.iop.org>

Physics Careers www.cap.ca/careers

Get a Physics Degree and See the World www.physics.adelaide.edu.au/jobs/jobs.html

American Institute of Physics Weekly News <http://newton.ex.ac.uk/aip/>

Career Converter <http://6steps.monster.com/step1/careerconverter>

Career Fields <http://career.berkeley.edu/Infolab/CareerFields.stm>

Delaware <http://www.udel.edu/CSC/mrk.html>

ORGANIZATIONS AND ASSOCIATIONS:

Biology:

American Aquarium and Zoo Association <http://aza.org/>

The American Institute of Biological Sciences <http://www.aibs.org>

European Molecular Biology Organization <http://www.embo.org/>

International Biometric Society <http://www.tibs.org/>

The Company of Biologists Limited <http://www.biologists.com/>

US Geological Survey - Biological Resources <http://biology.usgs.gov/>

Society for Mathematical Biology <http://www.smb.org/> * Association for Tropical Biology www.atbio.org

Chemistry:

RSC's Chemical Science Network www.chemsoc.org

American Academy of Forensic Sciences <http://www.aafs.org>

American Society of Crime Laboratory Directors <http://www.asclcd.org>

AIRSITE <http://airsite.unc.edu/>

Chemical & Engineering New Online <http://pubs.acs.org/cen/index.html>

Chem Web: searchable database and publications for students <http://chemweb.com/jobs>

Society of Chemical Industry <http://www.soci.org>

Center for Chemical Education <http://www.terrificscience.org/>

Forensic Chemistry Network <http://www.geocities.com/CapeCanaveral/4329/>

Alpha Chi Sigma.org <http://www.alphachisigma.org/>

Environmental Science/Studies:

Environmental Careers Organization <http://www.eco.org>

EnviroLink <http://www.envirolink.org/>

Universities Water Information Network <http://www.ucowr.siu.edu/>

Water Online <http://www.wateronline.com/>

Environmental Protection Agency <http://www.epa.gov/>

National Association of Environmental Professionals <http://www.naep.org/>

Ecological Society of America <http://www.esa.org/>

National Association of Local Government Environmental Professionals <http://www.nalgep.org/>

Local Government Environmental Assistance Network <http://www.lgean.org/>

American Water Works Association <http://www.awwa.org/>

Society for Conservation Biology <http://conbio.net>

Physics:

American Institute of Physics <http://www.aip.org>

American Astronomical Society www.aas.org

National Aeronautics and Space Administration <http://www.nasa.gov>

American Physical Society <http://www.aps.org/>

Institute of Physics <http://www.iop.org/>

The Geophysical Union <http://www.agu.org/>

American Meteorological Society <http://www.ametsoc.org/AMS/index.html>

MISCELLANEOUS:

Biology:

BioSpace.com <http://www.biospace.com>

Bees & Beekeeping Homepage <http://www.main.org/cahbs/>

Journal of Cell Science <http://jcs.biologists.org>

BioMolecular Engineering Research Center <http://bmerc-www.bu.edu/>

Biotechfind - Biotech Industry Search Engine and Career Center <http://www.lifesciencesworld.com/>

Chemistry:

Chemistry Web Index <http://www.yahoo.com/Science/Chemistry/>

Chemical Week (online magazine) <http://www.chemweek.com/>

ChemFinder.com <http://chemfinder.camsoft.com/>

Environmental Science/Studies:

Environment News from MSNBC http://www.msnbc.com/news/environment_front.asp

About.com: Environmental Resources <http://environment.about.com/newsissues/environment/>

Physics:

Society of Physics Students <http://www.spsnational.org>

The Internet Pilot to Physics <http://physicsworld.com/cws/home>

Physics Central - brought to you by the American Physical Society <http://www.physicscentral.com/>

GRADUATE SCHOOL RESOURCES ON LINE:

Peterson's Guide to Graduate Schools <http://www.petersons.com>

Graduate Schools <http://www.gradschools.com>

Graduate Guide <http://www.graduateguide.com>

OTHER RESOURCES FOR JOB SEARCHING, INTERNSHIPS, AND GRADUATE SCHOOL ARE AVAILABLE IN THE STUDENT RESOURCE CENTER, AT SRC WORKSHOPS, AND THROUGH THE SRC WEB SITE:

<http://www.smcvt.edu/src/career>

The Saint Michael's College Student Resource Center provides a referral service for job postings and internship opportunities, and makes no particular recommendations regarding employers or internship sites. We make no representations or guarantees about positions posted by this office. We are not responsible for the safety, wages, working conditions, or any other aspect of off-campus employment or internship work. Students and alumni are urged to perform due diligence in researching employers and internship sites when applying for or accepting private off-campus employment or internship positions.