Postdoctoral Resources- Outside Berkeley Lab

Career Resources: General

ASK THE HEADHUNTER

www.asktheheadhunter.com/gv010130.htm

Nick Corcodilos, who wrote the book, Ask the Headhunter, reveals fallacies that conspire to keep talented workers and good employers apart, and shares his sound, profitable methods for getting them together. There are articles, Q&As, and lots of no-nonsense advice for all job hunters, not just scientists.

GEOSET

http://geoset.fsu.edu/

Dr. Harold Kroto, 1996 Nobel Prize winner, and Francis Eppes, Professor of Chemistry at Florida State University, have launched an educational initiative called GEOSET, short for “Global Educational Outreach for Science and Engineering Technology.” GEOSET produces multimedia materials for educational outreach and academic presentations. See examples of graduate student presentations at the link above.

THE BERKELEY LAB POSTDOC ASSOCIATION

http://postdoc.lbl.gov/

The Berkeley Lab Postdoc Association is federating over 1000 postdocs affiliated with the Lawrence Berkeley National Lab, providing social interactions, scientific exchanges, seminars and general orientation to postdocs, who are highly trained scientists (all of them holding a PhD in fields such as Physics, Chemistry, Biology and others.)

NPA CAREER RESOURCES & CORE COMPETENCIES TOOLKIT

http://www.nationalpostdoc.org/?page=CareerPlanning

Valuable career resources for postdocs.

http://www.nationalpostdoc.org/?CoreCompetencies

A toolkit prepared by the National Postdoctoral Association identifying six core competencies postdocs need to develop in order to achieve intellectual and professional independence and success. This toolkit is designed to serve as a basis for self evaluation and identifying training opportunities. A description and resource list is included for each competency.

UC BERKELEY CAREER DEVELOPMENT ONLINE GUIDE

http://hr.berkeley.edu/development/career-development

This guide takes you through all the important phases of career development planning, as well as providing many resources such as career-related books and videos, interviewing skills, networking, and writing resumés and cover letters.

UCB UNIVERSITY HEALTH SERVICES CAREER COUNSELING LIBRARY

https://uhs.berkeley.edu/career-library

UCB’s Health Center has a Web site offering an array of career links for job seekers in various fields—from nonprofit positions to jobs in health, education, social work, and the physical sciences, among others. The site highlights occupational information about the nature of the work, working conditions, training and/or education requirements, and job outlook and earnings. There are also lists of graduate, professional, and other educational programs related to work and information of special interest to multicultural populations.

Industry Resources

BERKELEY LAB INNOVATIONS AND PARTNERSHIP OFFICE

http://ipo.lbl.gov

The Innovations and Partnership Office is responsible for moving inventions and software from the Lab to the marketplace. If you develop an invention or software as part of your work at the Lab, submit a Record of Invention form to IPO. The licensing staff within the department will assess the commercial potential of your submission. Depending on their assessment, a patent attorney may work with you to seek patent
protection, and a marketing specialist may promote your submission via the web and targeted mailings. The licensing staff will negotiate a license with an interested company, or they can help you create a business. For more information about technology transfer, including guidance on how to report your inventions, visit http://ipo.lbl.gov. Also, the department periodically brings venture capitalists, entrepreneurs and others onsite to meet with postdocs regarding new ideas and to provide instant feedback. Watch for announcements in Today at Berkeley Lab.

UC NETWORKING OPPORTUNITIES

- **Haas School of Business: Lester Center for Entrepreneurship & Innovation**: sponsors Entrepreneurial Best Practices Series, Entrepreneur’s Forum, business plan competitions, entrepreneurship courses. Visit http://entrepreneurship.berkeley.edu/
- **College of Engineering: Center for Entrepreneurship & Technology**: sponsors conferences, events, lectures, courses. Visit http://scet.berkeley.edu/
- **Berkeley Law School: Center for Law & Technology**: sponsors conferences, events. Visit https://www.law.berkeley.edu/research/bclt/.

Science Resources: General

**ABOUT.COM: GRADUATE SCHOOL**

gradschool.about.com/od/alternativecareer/Alternative_Careers_for_PhDs.htm

About.com focuses on nonacademic careers for doctoral graduates and has a section on alternative careers for scientists. The links provide information about specific career alternatives, e.g., public policy, writing and journalism, science education, and bioinformatics/biocomputing, in addition to some interesting articles about scientists who have changed careers.

**CRAIGSLIST**

sfbay.craigslist.org/sci

Craigslist runs local classifieds and forums for 450 cities worldwide. For scientists, the biotech/science job category is a fruitful link to science jobs nationally and in the SF Bay Area. It’s a good site for reading job descriptions and getting salary information for particular scientific jobs.

**NATIONAL POSTDOCTORAL ASSOCIATION**

http://www.nationalpostdoc.org/

This Web site is devoted to postdocs in the scientific areas. Its job board includes positions in research, science writing, and science policy analysis, among others. Also listed are fellowships, scholarships, postdoctoral appointments, and other career opportunities. Articles in “Career trends and Reports” (e.g., “Career Trends and Rewards in the Biosciences”) keep job seekers abreast of the latest career developments in their fields.

**NATUREJOBS.COM**

http://www.nature.com/naturejobs/index.html

On this popular Web site, you can search for jobs by discipline (e.g., chemistry, microbiology, biochemistry), region, title, or even organization. There are free Naturejobs podcasts featuring interviews and advice from experts in the field and highlighting diverse career issues relevant to today’s scientists.

**NEWSCIENTISTJOBS.COM**

https://jobs.newscientist.com/

You can search for hundreds of science jobs on this Web site. Registration is free, and you can upload your resume, set up e-mail job alerts, subscribe to RSS feeds, and apply for science jobs online. The site will tell you how many jobs it presently has in your field; a recent search found 360 jobs in chemistry and 230 “earth and the environment” jobs.

**PHDS.ORG**

http://www.phds.org/

The goal of the site is to help students prepare for the changing demands of today’s job market and provide a voice for early career scientists. There is a useful career guide, a list of highest-rated links on the site (for example, an article entitled “MBA program expands career prospects for cross-trained scientists”) and an engineering/science blog.

**SCIENCE CAREERS**

http://www.sciencemag.org/careers

Science Careers matches qualified scientists with jobs in industry, academia, and government. You can search for jobs alphabetically by employer or keyword. It also provides a section listing the best employers in the pharmaceutical and biotechnology industries. Salary surveys, always useful, are part of the site. “Careers Forum” is a professional, industrial, academic, and postdoctoral forum covering topics related to employment and career development in scientific and engineering careers as well as alternative career choices for scientists and engineers.

**UCSF OFFICE OF RESEARCH**
While much of the information is UCSF-specific, the general information areas should be useful to non-UCSF scientists as well. Includes information on setting up research space, obtaining regulatory approvals, obtaining and managing money, and ethical research conduct.

Science Resources: Specialty

BIOSPACE.COM
http://www.biospace.com/jobs/homepage

Biotechnology and pharmaceutical careers are featured on this Web site.

Biomedical Sciences

GENOME.GOV
https://www.genome.gov/careers/

This Web site lists information for individuals pursuing a career or training in the biomedical sciences. There are useful links to eight professional genetics groups' Web sites and 13 U.S. government genetics agencies' Web sites.

NATIONAL HUMAN GENOME RESEARCH INSTITUTE
http://www.genome.gov/Pages/About/IRMinorities/ResourcesforTrainingandCareerDevelopment.pdf

This links you to a 17-page document with research training and career development opportunities for minorities in genomics. Included are links to minority-related Web sites such as the Society for the Advancement of Chicanos, Native American Scientists (SACNAS), and the National Society of Black Engineers (NSBE).

Cell Biology

AMERICAN SOCIETY FOR CELL BIOLOGY

The purpose of the American Society for Cell Biology (ASCB) is to promote and develop the field of cell biology. Awards, grants, and fellowships in addition to cell biology jobs in education, industry, and the government are listed on this Web site. You can even download an out-of-print Women in Cell Biology (WICB) career book, Career Advice for Life Scientists II.

Chemistry

AMERICAN CHEMICAL SOCIETY
https://www.acs.org/content/acs/en/careers.html

Looking for a product management job in China? The American Chemical Society’s Web site provides career development resources to professionals at all degree levels and in all fields of chemistry and sciences that involve chemistry. In addition to job listings, there are networking opportunities, a free career consultant program for members, salary surveys, and a section on “professional ethics and moral responsibility in chemistry.”

Earth System Science

MINORITIES STRIVING AND PURSuing HIGHER DEGREES OF SUCCESS IN EARTH SYSTEM SCIENCE
http://www.msphds.org/

The Minorities Striving and Pursuing Higher Degrees of Success in Earth System Science initiative was developed by and for underrepresented
minorities to increase their participation in earth system science. This Web site, while not targeting specific job opportunities, has many useful links for women and other underrepresented minorities, including fellowship and grant opportunities.

**Higher Education**

**CHRONICLE.COM**
https://chroniclevitae.com/job_search/new?cid=UCHETOPNAV

This is an excellent, easy-to-navigate Web site for scientists seeking careers in higher education. In addition to job searches by discipline, state/region, and employer profile, this site provides salary surveys by institution and selected fields. Career alternatives for math and science PhD’s are an especially useful section. Need a CV makeover? There’s a section for that as well; a recent example featured a “help needed” CV in the field of biomedical science.

**Life Sciences**

**UCSF OFFICE OF CAREER AND PROFESSIONAL DEVELOPMENT: LIFE SCIENCES**
https://career.ucsf.edu/

An easy-to-use Web site with the following life-sciences-related topics:

- Writing Research Articles, Grants, and Fellowship Applications
- Giving Talks
- Teaching
- Going on the Job Market or The Academic Job Search

This Web site provides excellent examples (e.g., how to write an abstract, what a sample abstract looks like) and links to other useful job-related sites focused on job applications, interviewing, negotiating, etc. The site also includes a section on career options in life sciences and a list of useful job links.

**Physics**

**AMERICAN PHYSICAL SOCIETY**
http://www.aps.org/careers/employment/index.cfm

Access an online career center; find out about job fairs and career workshops held during APS meetings.

**CERN COURIER**
http://cerncourier.com/cws/jobs

View job listings and career videos featuring a variety of facilities.

**PHYSICS.ORG**

Check out profiles, FAQs and useful links.

**PHYSICS TODAY**
http://www.physicstoday.org/jobs/

Post your resume plus view jobs, career resources, and job fair listings.

**SOCIETY OF PHYSICS STUDENTS**
http://www.spsnational.org/cup/

Get career advice; view job listings and profiles.

**SPIRES at SLAC**
http://inspirehep.net/collection/Jobs
Scientific Organizations/Conferences

AMERICAN ASSOCIATION FOR CANCER RESEARCH
http://www.aacr.org/

AMERICAN CHEMICAL SOCIETY
www.acs.org

AMERICAN COUNCIL FOR AN ENERGY-EFFICIENT ECONOMY
http://www.aceee.org/

AMERICAN GEOPHYSICAL UNION
http://www.agu.org/

AMERICAN PHYSICAL SOCIETY
www.aps.org

AMERICAN SOCIETY FOR CELL BIOLOGY
http://www.ascb.org/

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS
http://www.ashrae.org/

AMERICAN VACUUM SOCIETY
www.avs.org

BIOPHYSICAL SOCIETY
http://www.biophysics.org/

COMPUTING RESEARCH ASSOCIATION
http://www.cra.org/

ELECTROCHEMICAL SOCIETY
http://www.electrochem.org/

GOLDSCHMIDT CONFERENCE
https://www.geochemsoc.org/programs/goldschmidtconference/

INTERNATIONAL SOCIETY FOR ADVANCEMENT OF CYTOMETRY
http://www.isac-net.org/

MATERIALS RESEARCH SOCIETY
http://www.mrs.org/

RADIATION RESEARCH SOCIETY
http://www.radres.org/

SOCIETY FOR NEUROSCIENCE
http://www.sfn.org/

SOCIETY OF EXPLORATION GEOPHYSICISTS
http://www.seg.org/

SOCIETY OF PHYSICS STUDENTS
http://www.spsnational.org/

U.S. PARTICLE ACCELERATOR SCHOOL
http://uspas.fnal.gov/
Self-Assessment Tools

The following self-assessment tools are designed to help you understand your career-related competencies, skills, abilities, interests, values, style, and personality. Most self-assessment Web sites analyze your test results and tell you what career path best suits you. For more detailed reports, many require purchasing a service or book.

ONE-STOP SITES

AnalyzeMyCareer.com
http://analyzemycareer.com/
Cost: $19.95–$69.95; fee depending on the test or index you choose.

California Careerzone
www.careerzone.org
Cost: free assessments and information job salaries.

O*NET: The nation’s primary source of occupational information
https://www.mynextmove.org/explore/ip
Cost: free

OSCAR: The Occupational and Skill Computer-Assisted Researcher
http://www.uccs.umn.edu/LCS/SelfKnow/Oscar.doc
Cost: free

Interests, Skills, Personality, and Values

Career Key (interests, skills, values, self-image)
http://www.careerkey.org
Cost: $9.95

Myers-Briggs Type Indicator (MBTI)
www.personalitytype.com/quiz.asp
Cost: free, short online quiz; more formal testing must be done with a certified tester.

Work-Life Balance


Every Other Thursday: Stories and Strategies from Successful Women Scientists, by Ellen Daniell.

Leadership, Career & Management Books

The following book recommendations are suggested to help you develop your leadership, career, or general management knowledge.

Amazing Resumes, 2nd Edition, by Jim Bright and Joanne Earl

American Ways: A Cultural Guide to the United States, by Gary Althen with Janet Bennett


Getting Things Done: The Art of Stress-Free Productivity, by David Allen

One Person/Multiple Careers: How “The Slash Effect” Can Work For You, by Marci Alboher
PhD (Alternative) Career Clinic, by Jane Y. Chin

So What Are You Going to Do with That?: Finding Careers Outside Academia, by Susan Basalla and Maggie Debelius


The Art of Connecting: How to Overcome Differences, Build Rapport, and Communicate Effectively with Anyone, by Claire Raines and Lara Ewing

The Art of the Start: The Time-Tested, Battle-Hardened Guide for Anyone Starting Anything, by Guy Kawasaki

The Career Guide for Creative and Unconventional People, by Carol Eikleberry

The Introvert Advantage: How to Thrive in an Extrovert World, by Marti Olsen Laney