

7th Annual NIH Career Symposium

May 16, 2014

RESOURCE GUIDE

NIH Office of Intramural Training & Education (OITE)

<http://www.training.nih.gov/>

NIH IC Training Offices

See Institute/Center Web sites

<http://www.nih.gov/icd/index.html>

Prior OITE videos:

https://www.training.nih.gov/oite_videocasts

NIH Links: Scientific Interest Groups

<http://www.nih.gov/sigs/sigs.html>

NIH Fellows Committee

<https://www.training.nih.gov/felcom>

General Career Links:

The following list of resources was compiled by the Career Symposium Steering committee. These are provided for your reference, and do not imply endorsement by the OITE or the NIH. Additionally, this is just a partial list of the wealth of information available to you in print and online.

Your professional society (not an exhaustive list)

» <http://www.acs.org>

» <http://www.faseb.org>

» <https://www.sdbonline.org>

» <http://www.toxicology.org>

» <http://www.aacr.org>

» <http://www.sfn.org>

» <http://www.the-aps.org>

» <http://www.healthra.org>

BioSpace

<http://www.biospace.com>

BioCareers

<http://www.biocareers.com>

The National Postdoctoral Association

<http://www.nationalpostdoc.org/>

Science Careers

<http://sciencecareers.sciencemag.org/>

Nature Jobs

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

Columbia University Center for Career Education: Career Exploration for Ph.D.'s in STEM Disciplines

<http://www.careereducation.columbia.edu/resources/tipsheets/non-academic-career-options-phds-sciences-engineering-and-mathematics>

LinkedIn

<http://www.linkedin.com/>

NIH Intramural Group on LinkedIn

http://www.linkedin.com/groups?home=&gid=1404617&trk=anet_ug_hm

Books and Articles

(A selection of these available for NIH trainees to borrow from the OITE Library in Building 2)

What Color is your Parachute by Richard Bolles

Do What You Are, by Paul Tieger and Barbara Baron

Alternative Careers in Science, Second Edition: Leaving the Ivory Tower (Scientific Survival Skills) Editor: Cynthia Robbins-Roth

Guide to Non-traditional Careers in Science by Karen Young Kreeger

Career Advice for Life Scientists Volumes I, II, and III

Editor: Elizabeth Marincola

(The American Society for Cell Biology)

So What are You Going to Do With That?: Finding Careers Outside Academia by Susan Basalla and Maggie Debelius.

Putting Your Ph.D. to Work by Peter Fiske

Academic Scientists at Work: Navigating the Biomedical

Research Career by Jeremy M. Boss and Susan H. Eckert

Tomorrow's Professor: Preparing for Careers in Science and Engineering by Rick Reis

A Ph.D. is Not Enough!: A Guide to Survival in Science by Peter J. Feibelman

At the Helm by Kathy Barker

Nature Biotechnology Careers and Recruitment article, "The missing piece to changing the University Culture" <http://www.nature.com/nbt/journal/v31/n10/full/nbt.2706.html>

Federal Government Jobs

Presidential Management Fellows Program <http://www.pmf.gov>

US Patent and Trademark Office: Links to Jobs and Information on Patents, Trademarks and Intellectual Property <http://www.uspto.gov/>

FDA Hiring Initiative: Generic Drug User Fee Hiring www.fda.gov/gdufahiring

Center for Biologics Evaluation and Research (CBER), FDA
<http://www.fda.gov/AboutFDA/CentersOffices/OfficeofMedicalProductsandTobacco/CBER/ucm103202.htm>

Working at FDA <http://www.fda.gov/AboutFDA/WorkingatFDA/default.htm>

US Public Health Service Scientist Professional Advisory Committee <http://usphs-scientist.org/>

NIH jobs <http://jobs.nih.gov>

USAJOBS: Listings for Federal Government Jobs and Information on How to Apply
<http://www.usajobs.gov>

Careers in Non-Profits

Science Careers article: “Mastering your Ph.D.: Exploring Nonprofit Organizations” by Patricia Gosling
http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2008_05_02/caredit.a0800065

Science Careers article: “Public Health Goes Global” by Sarah Webb
http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2008_03_21/caredit.a0800041

American Physiological Society: Policy Action Center and Advocacy <http://gm6-aps.syscomservices.com/ContentConversion3/pa/resources/public15006.htm>

American Public Health Association: Advocacy and Policy
<http://www.apha.org/advocacy/activities/>

Association of Fundraising Professionals <http://www.afpnet.org/>

NASA Science: Education and Public Outreach
<http://science.nasa.gov/researchers/education-public-outreach/>

European Southern Observatory Science Outreach Network
<http://www.eso.org/public/outreach/eson/>

AAAS Public Outreach Overview
<http://communicatingscience.aaas.org/PublicOutreach/Pages/default.aspx>

National Grants Management Association (NGMA)
<http://www.ngma.org/>

Grant Management Training for Nonprofit Applicants and Recipients
<http://www.epa.gov/ogd/training/>

Grant Writing and Grants Management Training Work- shops & Seminars
<http://grantwritingusa.com/>

Jobs in Non-profits
<http://www.idealists.org/>

Communication of Science

Bright Hub article: “Careers in Medical Writing” by N Nayab
<http://www.brighthouse.com/office/career-planning/articles/85914.aspx>

Science Careers article: “Working as a Medical Writer” by Sarah Webb
<http://angelakwiatek.com/blog/wp-content/uploads/2010/12/Working-as-a-Medical-Writer-Science-Careers-Biotech-Pharmaceutical-Faculty-Postdoc-jobs-on-Science-Careers.pdf>

Nature Jobs blog: “Getting an internship in Science Journalism” posted by Catherine de Lange

<http://blogs.nature.com/naturejobs/2013/01/28/getting-an-internship-in-science-journalism>

Nature Network forum: “Transitioning into scientific journalism”

<http://network.nature.com/groups/askthenatureeditor/forum/topics/978>

Science Careers article: “Careers in Science Broadcasting: Mastering Science Broadcasting” by Nick Russell, Richard Scrase

http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2001_12_07/nodoi.15033791684781849385

Science Careers article: “Breaking into the Media – Do You Need Formal Training?” by Elisabeth Pain

http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2004_05_20/nodoi.8493306563875735311

AAAS Public Outreach Overview <http://communicatingscience.aaas.org/PublicOutreach/Pages/default.aspx>

The American Medical Writer’s Association <http://www.amwa.org>

The National Association of Science Writers (additionally look for DC chapter)

<http://www.nasw.org>

Council of Science Editors <http://www.councilscienceeditors.org>

AAAS Mass Media Science and Engineering Fellows Program

<http://www.aaas.org/programs/education/MassMedia/>

Academic-General

Carnegie Foundation for the Advancement of Teaching <http://www.carnegiefoundation.org/>

HigherEdJobs: Listings for Faculty, Administrative and Executive Jobs in Higher Education

<http://www.higheredjobs.com/>

Academic360: Academic Job Hunting Resources

<http://www.academic360.com/>

Academic Careers Online: Listings for Teaching, Education, Research and Professional Jobs

<http://www.academiccareers.com/>

Academic Keys: Listings for Academic Jobs <http://academickeys.com/>

The Chronicle of Higher Education: Information and Jobs for Faculty and Administrators

<http://chronicle.com/section/Home/5>

Academic Employment Network: Primary, Secondary, and University Jobs and Resources

<http://www.academploy.com/>

Tenure-Track Careers

HHMI Book: *Making the Right Moves: A Practical Guide to Scientific Management for Postdocs and New Faculty* <http://www.hhmi.org/resources/labmanagement/moves.html>

The American Society for Cell Biology Booklet: *How To Get a Teaching Job at a Primarily Undergraduate Institution* <http://www.ascb.org/newsfiles/teaching.pdf>

The American Society for Cell Biology Booklet: *Life Sciences Research and Teaching: Strategies for a Successful Job Hunt* <http://www.ascb.org/newsfiles/jobhunt.pdf>

NIH Office of Extramural Research Grant Application Basics
http://grants.nih.gov/grants/grant_basics.htm

Non-TenureTrack Academics and Government

Science Careers article: “The Incredible Shrinking Tenure Track” by Beryl Lieff Benderly
http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2004_07_02/nodo.i.17522077037716206232

The Chronicle of Higher Education article: “Negotiating the Non-Tenure Track” by Cathy Trower <http://chronicle.com/article/Negotiating-the-Non-Tenure/45495/>

American Association of American University Professors Report: Status of Non-Tenure Track Faculty <http://www.aaup.org/AAUP/comm/rep/nontenuretrack.htm>

NIH Staff Scientist Appointment Guidelines <http://sourcebook.od.nih.gov/prof-desig/staff-sci.htm>

UC Berkeley News Center: “Ph.D. students rethink the tenure track, scope out non-academic jobs” by Yasmin Anwar <http://newscenter.berkeley.edu/2013/03/20/beyond-academia/>

Adjunct Nation: Resources and Jobs for Temporary Faculty <http://www.adjunctadvocate.com>

The Association of Biomedical Resource Facilities <http://www.abrf.org>

Careers in Teaching and Public Outreach

Science Careers article: “Teaching Postdocs: An Alternative Approach to An Academic Career” by Paula Lemons
http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2001_10_05/nodo.i.15973244409339441580

Science Careers article: “Scientists in Educational Outreach” by Charles Boulakia
http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2000_04_07/nodo.i.11637012915855679387

Nature Jobs article: “A Career at the Museum” by Ricki Lewis
<http://www.nature.com/naturejobs/science/articles/10.1038/nj7175-218a>

Great Teacher: Resources and Information for the Education Field <http://www.greatteacher.net/>

NIH Office of Science Education <http://science.education.nih.gov/home2.nsf/feature/index.htm>

Teach for America:

<http://www.teachforamerica.org/>

Help Ensure Educational Opportunity for All

National Education Association (NEA) <http://www.nea.org/>

Careers in Policy

Beyond Sputnik: U.S. Science Policy in the Twenty-First Century by Homer A. Neal, Tobin L. Smith, and Jennifer B. McCormick

Resource for the Beyond Sputnik Book <http://www.science-policy.net/>

Issues in Science and Technology Newsletter <http://www.issues.org/>

Science Careers: Science Policy Career Resources

http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2003_02_07/nodo.i.16094040000688706268

U.S. Office of Science and Technology Policy <http://www.ostp.gov/>

US House of Representatives Committee on Science and Technology <http://science.house.gov/>

Science and Development Network <http://www.scidev.net/en/>

AAAS Federal R&D Budget: Science and Policy Programs <http://www.aaas.org/spp/rd/>

FASEB Science Policy Resources and Links <http://www.faseb.org/Policy-and-Government-Affairs/Science-Policy-Issues.aspx>

AAAS Science and Policy Blog Alerts

<http://blogs.aaas.org/blogs/spppolicyalert/> (requires AAAS membership)

AAAS ScienceInsider: Breaking News and Analysis from the World of Science Policy

<http://news.sciencemag.org/scienceinsider/> (requires AAAS membership)

Christine Mirzayan Science & Technology Policy Graduate Fellowship Program

<http://sites.nationalacademies.org/pga/policyfellows/>

AAAS Science & Technology Policy Fellowships <http://fellowships.aaas.org/>

National Human Genome Research Institute: Genetics and Public Policy Fellowship

<http://www.genome.gov/10003979>

The Intersection Blog: “Policy Fellowships for Scientists and Engineers” by Sheril Kirshenbaum

<http://blogs.discovermagazine.com/intersection/2009/04/09/policy-fellowships-for-scientists-engineers/>

FDA Office of Policy Internships

<http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/>

OfficeofPolicyandPlanningInternshipProgram/default.htm

FASEB Online Career Center http://careers.faseb.org/home/index.cfm?site_id=521

Research!America <http://www.researchamerica.org/>

Industry Careers at the Bench

Science Careers article: “Academia or Industry:

Finding the Right Fit” by El

http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2009_05_22/caredit.a0900066

Science Careers article: “Mythbusting for Academics: Considering a Job in Biotech/Pharma” by Emma Hitt

http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2010_04_23/science.opms.r1000088

BioSpace article: “What to Expect During a Structured Interview for a Research Scientist Position” http://www.biospace.com/news_story.aspx?NewsEntityId=166186

Careers Away from the Bench

Science Careers Tools and Tips: “Finding Your Way: Careers Away from the Bench”

http://images.sciencecareers.org/pdf/tools_tips/outreach/careers-away-from-the-bench.pdf

Medical Device Sales

Medical Device Sales Recruiter: Tips and Quips

<http://www.phconsulting.com/WordPress/category/medical-device-sales/medical-device-sales-recruitment/>

All Health Care article: “Pharma, Biotech, Medical-Device Sales: Which is for You?” by Megan Malugani <http://allhealthcare.monster.com/training/articles/2975-pharma-biotech-medical-device-sales-which-is-for-you->

Medical Devices Business Review: News, Comment, and Industry Information

<http://www.medicaldevices-business-review.com/>

Market Research

QuickMBA: Marketing Research Information <http://www.quickmba.com/marketing/research/>

All About Market Research: Resources and Information about Pharmaceutical Market Research

<http://www.allaboutmarketresearch.com/pharma.htm>

Program Management

Science Careers article: “Program Management for Scientists, Part I: An Overview” by Meenakshi Kashya

http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2002_05_31/nodo.i.7969639087689908393

Science Careers article: “Program Management for Scientists, Part II: Getting Experience” by Meenakshi Kashyap

http://sciencecareers.sciencemag.org/career_magazine/previous_issues/articles/2002_06_14/nodo.i.14574432916945155484

Project Management International <http://www.pmi.org>

Contract Research Organizations (CROs)

Contract Pharma Magazine <http://www.contractpharma.com/>

Charles River (CRO) <http://www.criver.com/en-US/Pages/home.aspx>

Westat (CRO) <http://www.westat.com/>

Regulatory Affairs

Regulatory Affairs Professionals Society (RAPS) <http://www.raps.org>

Clinical Fellows Corner

<http://www.cc.nih.gov/clinicalfellows/training.html>