

Finding the Way to Your Career

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AAAS/Science Careers

AAAS

- International nonprofit organization dedicated to advancing science, engineering, and innovation throughout the world
- Membership-based organization
- Publisher of *Science*
- Source for broad range of career advice and resources through *ScienceCareers.org*
- *Science Careers Outreach Program*
- Slides available at sciencecareers.org/outreach



Introduction

- My career path
- Strategies to find your career
- Career resources from *Science* and AAAS

Brianna's Career

- Life as an undergrad
- Graduate School
- Gaining Skills & Experiences
- Time to Job Search

What career path is right for you?

The Decision Cycle

1. Awareness
2. Self-Assessment
3. Exploration
4. Integration
5. Commitment
6. Implementation
7. Re-evaluation

(Adapted from Carney & Wells 1995)

Research Your Options

- Learn about different career paths
- Ask unbiased sources
- Speak with career counselors
- Read about career paths
 - ScienceCareers.org – articles and forum
 - Alternative Careers in Science – Robbins-Roth
 - Put Your Science to Work - Fiske
 - So What Are You Going to Do With That? – Basalla & Debelius
 - Nontraditional Careers for Chemists - Balbes

Reflect on Your Preferences

- Take career inventories and self-assessments
- Informally reflect on preferences
 - Journal
 - Pro and con lists
 - Lists of skills and values

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- Would you like to work independently or as part of a team?

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- Who do you know who likes their job?

Yet Other Considerations

- Employment trends
- Societal needs
- Economic conditions
- Family responsibilities
- Geographic considerations
- Immigration issues

Informational Interviewing

- Learn about career options and expand your network
- Ask for a few minutes of the person's time
- Prepare ahead of time
- Ask open-ended questions
- Mind your manners
- Ask for referrals
- Afterwards, write a thank you note

Questions to ask

- What attracted you to this field?
- What do you like most or least about this position or field?
- Describe a typical day or week.
- What steps did you take to break into this field?
- What skills are most helpful in your job? How can I develop them?
- To what professional associations do you belong?
- How do I locate positions in this field?
- What advice do you have for me?

Other Networking

- Ask your contacts about career options
- Social networking
- Career fairs
- Meetings and conferences
- Mentoring programs

Develop New Skills

You might need experience in new arenas!

- Volunteer
- Complete an internship
- Pursue fellowships
- Get additional training
- Take a part-time or temporary job
- Demonstrate an interest in your new career path

Science Careers

- Job Boards
- Articles
- Forum
- Booklets
- Outreach
- Webinars
- CTSciNet & MySciNet
- GrantsNet

The screenshot shows the Science Careers website interface. At the top, there is a navigation bar with the Science logo, AAAS.ORG, FEEDBACK, HELP, LIBRARIANS, Science Careers, and a search bar. Below this is a secondary navigation bar with NEWS, SCIENCE JOURNALS, CAREERS, BLOGS & COMMUNITIES, MULTIMEDIA, COLLECTIONS, and JOIN / SUBSCRIBE. The main content area features a featured article titled "Preparing for a Career in Venture Capital" by Elisabeth Pain, dated February 26, 2010. To the right of the article is a "Search for Jobs" section with input fields for "Enter Keywords", "U.S. Regions", and "Continent", along with a "Search" button. Below the search section is a "More Resources" list including "Science/UCSF Biotech Industry Career Fair - April 1", "Business Office Features", "Events and Workshops", "Graduate Programs", "Booklets", "Multimedia", and "List of Current Employers". On the far right, there is an advertisement for the "2010 Eppendorf & Science Prize for Neurobiology" and a "Featured Jobs" section listing various positions such as "POSTDOCTORAL FELLOW POSITIONS" at Stanford University and "LECTURER IN BIOLOGY" at Tufts University.

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Science Careers

From the journal Science AAAS

The screenshot shows the Science Careers website interface. At the top, there is a navigation bar with 'Science' and 'AAAS' logos, and a search bar. Below this is a secondary navigation bar with 'Magazine', 'News', 'Signaling', 'Careers', 'Multimedia', and 'Collections' tabs. The main header features 'Science Careers From the Journal Science' and a 'Find a Job' button. A secondary navigation bar lists 'My Science Career', 'Find a Job', 'For Employers', 'Career Magazine', 'Grants & Funding', 'Tools & Tips', and 'Forum'. Below this is a 'Job Search' section with filters for 'Browse All Jobs', 'By Employer', 'Biotechnology Jobs', 'Faculty Jobs', and 'Postdoctoral Jobs'. The main content area is titled 'Browse Jobs By Employer' and contains a list of jobs categorized by company. On the right side, there is an advertisement for a 'FREE Science Careers Job Seeker Account' and a 'Featured Jobs' section listing various positions.

Science Home > Science Careers > My Science Career > Jobs By Employer [log in](#)

Browse Jobs By Employer

Science Careers

Jobs By Company

A Speciality: Biotechnolog... (1)	Kings College London (1)	The Wistar Institute (2)
A. I. Virtanen Institute... (1)	Korea Advanced Institute... (1)	Touro University (1)
A.T. Still University of... (1)	Kronos (1)	Tsinghua University (2)
AAAS (1)	Kumamoto University (1)	Tufts University, New Eng... (1)
AAAS Science Publications... (1)	Kyungpook National Univer... (1)	Tulane University School... (1)
Aachen University of Tech... (1)	Lawrence Berkeley Laborat... (1)	U.S. Environmental Protec... (1)
Aarhus University (1)	Lawrence Livermore Nation... (2)	UMDNJ - University of Med... (1)
Abbott Laboratories (2)	Legacy Health System (1)	UMDNJ University of Medic... (2)
Academic Search Consultat... (1)	Life Extension (1)	Umeå University (1)
Aga Khan University (1)	Life Technologies (193)	United States Geological... (1)
AIBN (1)	Life Technologies, Inc. (1)	United States-Israel Educ... (1)
Air Force Research Labs (3)	Lilly Singapore Centre fo... (1)	Universidad Central del C... (1)
Albany Medical College (1)	Louisiana State Universit... (1)	Universität Duisburg-Esse... (1)
Albert Einstein College o... (1)	Louisiana State Universit... (2)	Universitätsklinikum Tübi... (1)
Allergan (2)	Louisiana State Universit... (1)	University at Buffalo (2)
American Association for ... (1)	Loyola College in Marylan... (1)	University Hospital of UL... (1)
American Chemical Society (1)	Loyola University, Chicag... (1)	University of Alabama at... (1)
American Type Culture Col... (1)	Lundbeck Research USA, In... (1)	University of Alabama, Bi... (2)
American University of th... (1)	Macmillan Publishers (1)	University of Alberta (1)
Amgen (741)	Maine Medical Center (1)	University of Basel (1)
Argonne National Laborato... (1)	Marquette University (1)	University of Bristol (1)

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Sign up for a **FREE** Science Careers Job Seeker Account

- Job Alerts
- Event notifications
- Career advice
- Track job search activity
- Apply to jobs online

[Join now](#)

Featured Jobs

FACULTY POSITION - VIRO...
University of Texas
Southwestern Medical Center
Dallas-TX-United States

Junior and Senior Princ...
Shanghai Changzheng
Hospital
Shanghai - China

Post Doctoral Fellow
Mount Sinai School of
Medicine
New York - N-United States

Director, Microbiologic...
EPA NC
Cincinnati - O-United States

Director,

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Science Careers From the journal *Science*

[Help](#) [Meetings & Events](#) [About Science Careers](#) [Contact](#)

[My Science Career](#)
[Find a Job](#)
[For Employers](#)
[Career Magazine](#)
[Grants & Funding](#)
[Tools & Tips](#)
[Forum](#)

[How-To Series](#)
[Outreach](#)
[Graduate Programs](#)
[Multimedia](#)
[Facebook](#)

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Tools & Tips | Outreach

Science Careers Booklets

Career Trends: Careers Away from the Bench

Increasingly, Ph.D.-level scientists are becoming aware of other career opportunities beyond bench research. Learn more about the sorts of opportunities can scientists pursue and the skills scientists need to develop in order to succeed in non-research careers. Check out our webinar on the same topic: [Opportunities Away from the Bench Webinar](#)

L'Oréal Women in Science - 2009 edition

New for 2009, Science/AAAS in collaboration with the L'Oréal Corporate Foundation is proud to bring you this Young Women in Science booklet. Following on from last year's very successful Women in Science booklet, this year we bring you more exciting and inspirational stories.

Career Basics Booklet - 2009 edition

Struggling with your next career step? Science Careers' editorial team brings you "Career Basics: Advice and Resources for Scientists." The booklet provides advice and help on preparing CVs and resumes, writing grants and scientific papers, networking, and much more.

Science Careers Booklets

- Career Trends Away from the Bench
- L'Oréal-UNESCO Women in Science 2009
- Career Basics 2009
- L'Oréal-UNESCO Women in Science 2008
- Career Basics 2007

[More Science Careers Booklets](#)

Webinars

- 28 April 2009
Opportunities Away from the Bench
- 10 Dec. 2008 (Archived)
State of the Nation: Science in Ireland

[Science Careers Webinars →](#)

Upcoming Events

- June 15
Careers Away From the Bench & Networking Skills
- June 16
Careers Away From the Bench
- June 25
Using Science Careers and AAAS Resources / Making the Most Out of Conferences
- July 1
Getting Ready for a Career Fair

L'Oréal Women in Science - 2008 edition

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CAREER TRENDS

Careers Away from the Bench

Advice and Options for Scientists

DOWNLOAD YOUR FREE COPY TODAY

Other AAAS Programs

- Science and Technology Policy Fellowships
- Mass Media Fellowships
- EntryPoint!
- Communicating Science

Resources

Available at sciencecareers.org/outreach

- These slides (and others)

Available at sciencecareers.org/webinar

- Nontraditional Careers webinar
- Job Search webinar