

Addendum

to SBN 2008

offered by

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Lessons Learned:

- *Seize opportunities to diversify your knowledge*
- *Understand a variety of scientific viewpoints*
- *Develop a comprehensive strategy to address your research questions*
- *Meet leaders in various scientific fields*

ACTIVELY ACQUIRE
SCIENTIFIC BREADTH

Lessons Learned:

- Align with individuals interested in similar scientific problems*
- Develop new technologies if current ones are limited --- Research & Development skills*
- Learn the difference between scientific goals & political goals*

POSITION YOURSELF WHERE
YOU CAN BEST ATTAIN YOUR
GOALS

Lessons Learned:

- *Teaching - learn to translate difficult concepts into understandable ideas*
- *Surround yourself with colleagues that reinforce your scientific endeavors*
- *Seek positive mentorship
(in not so obvious places)*
- *Maintain infectious enthusiasm for your science*

STAY MOBILE -

Prepare for Future Opportunities

ACTIVELY ACQUIRE SCIENTIFIC BREADTH

POSITION YOURSELF WHERE YOU CAN BEST
ATTAIN YOUR GOALS

STAY MOBILE - Look for Opportunities

Make NEUROSCIENCE a PRIORITY

Your Choices:

- Academia

- teaching at a small liberal arts college
- University administration

- Research Institutions / Centers

- Federal
- Private
- Non-profit
- Societies
- Zoos

- Science Journalism

- Broadcasting Media
- Magazine / newspapers / editor
- Pharmaceutical Industry
- Education
- Journals / Societies
- OLPA—Office of Legislative Policy & Analysis

• Industry

- Pharmaceutical
- Biotechnology

• Grants Administration

- Funding Agencies (NSF, NIH, EPA, etc)
- Societies (AAAS, SfN, APA, Federation of Behavioral, Psychological & Cognitive Sciences)
- Private Foundations (Whitehall, March of Dimes, Guggenheim, etc.)

• Consulting

- Venture Capital Firms
- Wall Street
- Banks
- Management
- Public Relations Firms

- Technology Transfer

- Government
- Universities
- Law

- Law

- Office of Inspector General
- Office of General Council

- Policy

- Congressional

- Medicine

- Computer Science & Engineering

- Graphic imaging & microscopy
- Computational modeling
- Database development
- Database librarians & data curators

- Art & Design

TOOLS for MAKING CAREER DECISIONS

Wetfeet.com - career advice on jobs. Job searches, resumes, resumes writing, interviews, salary negotiation, internships

Nextwave.sciencemag.org - career development center, Minority Scientists Network, European Portal, Post-Doc Network, Grants Net, Various Country home pages
Articles: "Not your Father's Post-Doc"

ScienceJobs.com - search jobs, find recruiters

NewScientistJobs.com - international job searches

Other Sources:

• www.dod.mil/sites/c.html#civjobs

Dept. of Defense

• www.beyondacademe.com/outsidethebox.htm

• www.opm.gov/Career_Opportunities/index.asp

Office of Personnel Management

• www.airi.org **Association of Independent**

Research Institutes

• www.usajobs.opm.gov/

US Government Official Job Site



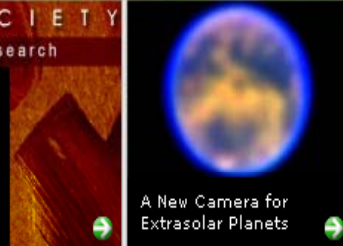
National Science Foundation
WHERE DISCOVERIES BEGIN

SEARCH

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[T. rex Fossil Yields Soft Tissue](#)
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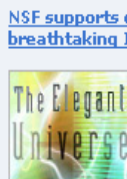
[Octopus Uses Two Arms to "Walk Away" from Trouble](#)
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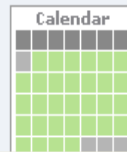
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[The Elegant Universe](#)
A three-hour NOVA miniseries exploring one of the most ambitious and exciting theories ever proposed -- one that may be the long-sought "theory of everything," which eluded even Einstein.

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SPECIFIC AREAS OF INTEREST

- National Academy of Science - National Research Council Research Associateship Program
nationalacademies.org

- Congressional Research Service -
Provide Congress w/ comprehensive information (non-partisan)
 - Policy analysts
 - Written reports, memorandum
 - Talking points
 - Consultation

- AAAS Congressional Fellows
Fellowships.aaas.org (Science policy)
Congressional, Environmental,
Homeland Security, NIH, NSF

So you think that you
don't have much to offer.....

Skills & Knowledge that Employers Seek:

General:

- Action oriented, takes initiative
- Energetic, learns quickly
- Understand and know how to deal with people
- Work on several problems at the same time
- Good team workers
- Dependable
- Can negotiate effectively

(Courtesy of the FBPCS)

General Analysis & Synthesis Skills:

- Critical reading
- Synthesizing & summarizing info from multiple sources
- Interpret both qualitative & quantitative data
- Deal w/ inconsistent info
- Extract key pieces of info
- Impose structure on ambiguous, messy data
- Translate info into meaningful conclusions, recommendations, or plans of action
- Structure & evaluate arguments

(Courtesy of the FBPCS)

Continued

- Project Planning Skills
- Problem Definition
- Understanding that People have Different Perspectives
- Methodological Skills
- Statistical & Inferential Skills
- Knowledge of the Capabilities & Limitations of People

Insure that Science Endures

- “Alternative” careers may have negative connotations
 - Dispel the myth of “failed” scientists
 - Populate all fields (administration, policy, education, industry, media)
- Participate in producing a globally-engaged workforce
 - Defend funding - make fiscally sound investments
 - Inform Policy makers
- Promote science literacy (both educational & public)
 - Be a player in the Scientific Revolution

On the Road Less Traveled

Rules of the Road:

- Assess your personal needs -
 big fish, little pond
 little fish, big pond
- Recognize your strengths so that others will also
- Always stay mobile -- or you'll miss opportunities
- Maintain your sense of humor -
 be able to laugh at yourself

Have fun - life is short