The Most Important Experiment: Your Career

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CRAFT Seminar
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The Most Important Experiment: Your Career

1. Ask a Question
2. Research
3. Hypothesis
4. Test with an Experiment
5. Analyze Your Results
6. Report Your Results

- Hypothesis is True
- Hypothesis is False

Think about it & Try Again

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You

What you like

What you're good at

Desired lifestyle/income
Overview

• Personal Background
• Career Development
• Advice
Personal Background

Sources: wikipedia.org
Personal Background

Sources: selmer.com, slhspapchem.pbworks.com
Timeline

Research

MS, Germany 1999
PhD, Germany 2003
Postdoc, Florida 2004
Research Associate, New York 2006
2007
Faculty, New York 2009
2010
2013
2014
Scholarly Work

Nucleic Acids & RNA catalysts

Generation

Heidelberg:
2 first author articles
1 book chapter

Florida State University:
2 first author articles
3 other research articles
2 patents

Folding

Einstein:
5 first author articles
2 corr. author articles
2 other research article
1 patent application
Timeline

Research

MS, Germany  1999
PhD, Germany
Postdoc, Florida
Research Associate, New York
Faculty, New York

Career Support

2003  Representative (Postdoctoral Association)
2004  Founder, GDCH Chapter NY/NJ
2006  DAAD Research Ambassador
2007  Founder, NewYorkPostdocs.com
2009  Administrative Fellow (CPD)
2010  Assistant Dean, CUMC
2013  Program Director, NSF
2014
Program Director
Division of Graduate Education
Directorate for Education & Human Resources
National Science Foundation

**Major Responsibilities:**
Graduate Research Fellowship Program (GRFP)
Graduate Research Opportunities Worldwide (GROW)
Cultivating Cultures for Ethical STEM (CCE STEM)

Position Types for NSF Program Directors:
IPA
Visiting Researcher
Fed Temp
Timeline

Research

- MS, Germany 1999
- PhD, Germany 2003
- Postdoc, Florida 2004
- Research Associate, New York 2006
- Faculty, New York 2007
- 2009

Career Support

- Representative (Postdoctoral Association) 2010
- Founder, GDCH Chapter NY/NJ 2013
- DAAD Research Ambassador 2014
- Founder, NewYorkPostdocs.com 2017
- Administrative Fellow (CPD) 2017
- Assistant Dean, CUMC 2017
- Program Director, NSF 2017
- Manager, ACS 2017
Know Yourself

Know (Career) Options
The Most Important Experiment: Your Career

Ask a Question
Research
Hypothesis
Test with an Experiment
Analyze Your Results
Hypothesis is True
Hypothesis is False
Report Your Results

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Good luck!

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