Opportunities at the Intersection of Science & Policy
Panelists

Terry Adirim, MD, MPH

Audrey R. Glynn, PhD
Senior Editor for CACTUS Communications (CACTUS Medical), Senior Scientist for The Scientific Consulting Group, Inc. National Defense Global Security Fellow, Office of Naval Research Global, 2008 – 2010

Terri Postma, MD
Medical Officer at Centers for Medicare & Medicaid Services Congressional Fellow, 2008-09, U.S. Senate, Committee on Finance (Minority Staff)
What is Science Policy?

1. **Policy for Science**
   - Establish guidelines and regulations on the conduct of science

2. **Science for Policy**
   - Inform decision-making, implementation, and evaluation of policies
Scientists in Policy

• Scientists, physicians and engineers have many opportunities to contribute to policymaking at the federal level

• Opportunities in legislative and executive branches
Activities in Congress

• Collect, analyze information
• Research and draft text for bills
• Meet with stakeholders
• Write: briefings, talking points, speeches
• Organize hearings
• Facilitate, negotiate legislation
• Oversight
Executive Branch Activities

- Assisted with delivering a week-long Environmental Impact Assessment training course in Oman, as part of EPA’s International Environmental Capacity-Building Initiative

- Orchestrated the distribution of more than $5 million in famine funds to provide rust resistant wheat seed
Executive Branch Activities

• Assisted in developing the U.S. counter-piracy strategy for the Horn of Africa

• Organized an international workshop on social and behavioral sciences and counter-terrorism modeling
Fellowship Areas

Diplomacy, Security & Development

Energy, Environment & Agriculture

Congressional

Health, Education & Human Services
Additional Fellowship Areas

Overseas Fellowships at USAID Missions
(for current and alumni Fellows)

Revelle Fellowship in Global Stewardship

Global Health & Development Fellowships at Gates Foundation
(for current and alumni Fellows)
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Director, Office of Special Health Affairs at HRSA, U.S. Department of Health and Human Services

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AAAS Fellowship Alumni

**GOVERNMENT**

Kerri-Ann Jones being sworn in as Assistant Secretary of State for Oceans & International Scientific Affairs, State Dept

State Senator Chris Rothfuss, Wyoming (D-09)

**NONPROFIT**

Jessica Tuchman Mathews, President, Carnegie Endowment for International Peace
AAAS Fellowship Alumni

INDUSTRY

DJ Patil, Data Scientist in Residence at Greylock Partners

ACADEMIA

Don Engel, Assistant Vice President for Research, University of Maryland Baltimore County

Rosina Bierbaum, Dean, SNRE, U. Michigan; Member PCAST
How to Become a AAAS S&T Policy Fellow

Qualifications:

• Hold a doctoral-level degree (PhD, MD, DVM, DSc) in any scientific or engineering discipline

  ➢ Individuals with a master’s degree in engineering & three years of post-degree professional experience also may apply

• Hold U.S. citizenship
Salary and Benefits

**STIPEND/SALARY:**
~$74,000 – $97,000

**HEALTH INSURANCE:**
Fellow and family coverage

**RELOCATION REIMBURSEMENT***:
Up to $4,000 if relocation is >50 miles from DC

**TRAVEL/TRAINING ALLOWANCE***:
Up to $4,000 with prior approval

**PROFESSIONAL DEVELOPMENT:**
Intensive orientation and year-long program

**ALUMNI NETWORK:**
>2,500 Fellowship Alumni around the world

* Varies by agency
Professional Development

- Orientation
- Skill Development & Career Workshops
- Educational Events
- Affinity Groups
- Networking
Application Materials

Candidate Data:
- Areas of scientific specialty (keywords)
- Areas of policy interest
- Brief bio (200 word limit)

Candidate Statement:
- Reasons for applying for a AAAS Fellowship
- Summary of background & expertise
- Areas of Interest
- Career Goals
- 1,000 words max

Curriculum Vitae:
- Education, expertise, achievements, honors & publications
- 5 page limit

Extracurricular activities:
- Brief examples of activities beyond the lab or classroom
- 500 word limit

References:
- 3 recommendation letters required
2012-2013 AAAS S&T Policy Fellows

279 Year-long Fellows
The largest class in AAAS Fellowships history!

245 Executive Branch Fellows
- 235 selected & administered by AAAS
- 10 selected & administered by partner societies

34 Congressional Fellows
- 2 selected & sponsored by AAAS
- 32 selected & sponsored by partner societies

176 First-year Fellows
103 Second-year Fellows
6 Short-term extensions
How competitive are the Fellowships?

2012-13 SELECTION STATISTICS

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Criteria:

• Solid S/T **credentials** for career stage

• Show a **commitment** to apply scientific or technical expertise **to serve society**

• Exhibit good **communication skills**, especially to non-scientific audiences

• Demonstrate:
  - problem-solving
  - initiative
  - maturity, good judgment
  - leadership qualities
  - flexibility

• **Match** to fellowship program area
2013-14 Application Schedule

- Online Application Opens: September 1, 2012
- Online Applications Due: December 5, 2012
- Notification of Eligibility: Late December 2012
- Notification of Interview: February 2013
- Interviews: Early March 2013
- Notification of Finalists: Mid-March 2013
- Finalist Placement Week: April 2013
- Placement Offers: May – June 2013
- Fellowships Begin: September 1, 2013
- Fellowships End: August 31, 2014
• **Online Applications Due:**
• **Apply at** www.fellowships.aaas.org
• **Questions?** 202-326-6700 or fellowships@aaas.org