

NIDA IRP Exploring Careers Lecture Series

Taking Your Passion for Science to a Career Away from the Bench

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My IDP

For your career in science, there's only one **Science**

Introducing myIDP:
A career plan customized
for you, by you.



myIDP.sciencecareers.org

Science

The screenshot shows the myIDP website interface. At the top, it says "my IDP INDIVIDUAL DEVELOPMENT PLAN" and "Science Careers" with the AAAS logo. A navigation menu on the left includes sections like Overview, Assessment, Career Exploration, Setting Goals, Skill Goals, and Development Plan. The main content area is titled "Skills Development Goals" and features a "Quick Tips" button, "My Skills to Improve" tab, and "My SMART Goals" tab. Below this, there is a section for "Add a new SMART Goal" with a list of skills to choose from, including "Statistical analysis", "Writing scientific publications", "Broad based knowledge of", "Leading and motivating others", and "Presenting to nonscientists". There are also input fields for "SMART Goal", "Is this a recurring activity?", "Start Date", "Target Completion Date", and "How will you be accountable?". At the bottom, there are two buttons: "Add SMART Goal" and "Add & Move to Next Step".

Self-Assessment, Exploration, Integration

- Research Your Options
- The Informational Interview
- Reflect on Your Preferences
- Skills You Offer, Skills You Need
- Building and Working Your Network
- Grand Considerations

What is Science Policy?

Policy for
Science

Establish guidelines and regulations on the direction, funding, and conduct of science

Science for
Policy

Inform decision-making, implementation, and evaluation of policies, regulations and programs

Transferable Skills

SCIENCE

- Develop hypothesis, test, analyze results
- Design, implement, manage experiments and studies
- Curiosity, analytical skills, investigate using different research methodologies
- Integrate information from disparate sources, generalize from data, ascertain patterns

POLICY AND BEYOND

- Creativity, problem-solving, reach conclusions
- Project management, ability to focus and multi-task
- Objectivity, ability to consider other positions, alternate options
- Technical expertise coupled with interdisciplinary and systems thinking

Transferable Skills

SCIENCE

- Suspend judgment, work with ambiguity
- Poster, paper presentations
- Relay complex concepts, support position with data and logic
- Write and publish papers
- Write proposals, secure grants

POLICY AND BEYOND

- Open-minded, flexible, persistent
- Public speaking
- Persuasive, resourceful communicator; rational thinker
- Writing and editing skills
- Fundraising, grant management

Abilities to Develop

- Frame issues and messages
- Communicate to non-scientific audiences - concise, bottom-line focus
- Write in policy language
- Strategic planning and timing
- Negotiation, persuasion, diplomacy
- Network, build alliances
- Collaborate, foster consensus
- Respond in necessary timeframes
- Balance return on investment



Fellowships Offer

- Knowledge of:
 - Interactions of branches of government
 - Balance of power
 - Federal budget
 - Policymaking processes
 - Procedure
- Understanding of stakeholders and factors affecting policy
- Political awareness



2012-2013 S&T Policy Fellows



279 Year-long Fellows

- **176** first year
- **103** second-year
- **6** short-term extensions

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

Fellowship Areas

Diplomacy, Security
& Development



Congressional



Energy, Environment &
Agriculture

Health, Education &
Human Services

Is Selection Competitive?

2012-13 SELECTION STATISTICS

PROGRAM	APPLICATIONS	INTERVIEWS	FINALISTS
Congressional	83	10	2
DSD	247	95	64
EEA	173	94	69
HEHS	230	72	49
Revelle	8	6	1
TOTAL	741	276	185

RESULT: 142 first-year executive branch placements

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**
- **Match** to fellowship **program area**



Stipend & Support

- **STIPEND/SALARY:** ~\$74,000 – \$97,000
- **HEALTH INSURANCE:** Individual to 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:** >2,600 alumni around the world

* *Varies by agency*

Professional Development

- Orientation
- Skill Development Workshops
- Educational Events
- Affinity Groups
- Networking



Kei Koizumi, Assistant Director for Federal R&D at the White House Office of Science and Technology Policy at a AAAS Symposium

Fellowships & Resources

AAAS S&T Policy Fellowships

fellowships.aaas.org

Deadline: Nov 1

- Partner Society Fellowships
- Resource section on other fellowships

AAAS Mass Media Science & Engineering Fellowships

www.aaas.org/programs/education/MassMedia

California S&T Policy Fellowships

www.fellows.ccst.us

ScienceCareers.org

Professional Association Career Resources

