



# IC Postdoctoral Research Fellowship Program Overview

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# Mission

- Provide the Intelligence Community (IC) access to advanced research in science and technology through a postdoctoral research program
- Foster research in leading-edge technologies supporting broad IC technology needs
- Establish relationships with Postdoctoral Fellows through grants with universities, private research institutes, and national laboratories

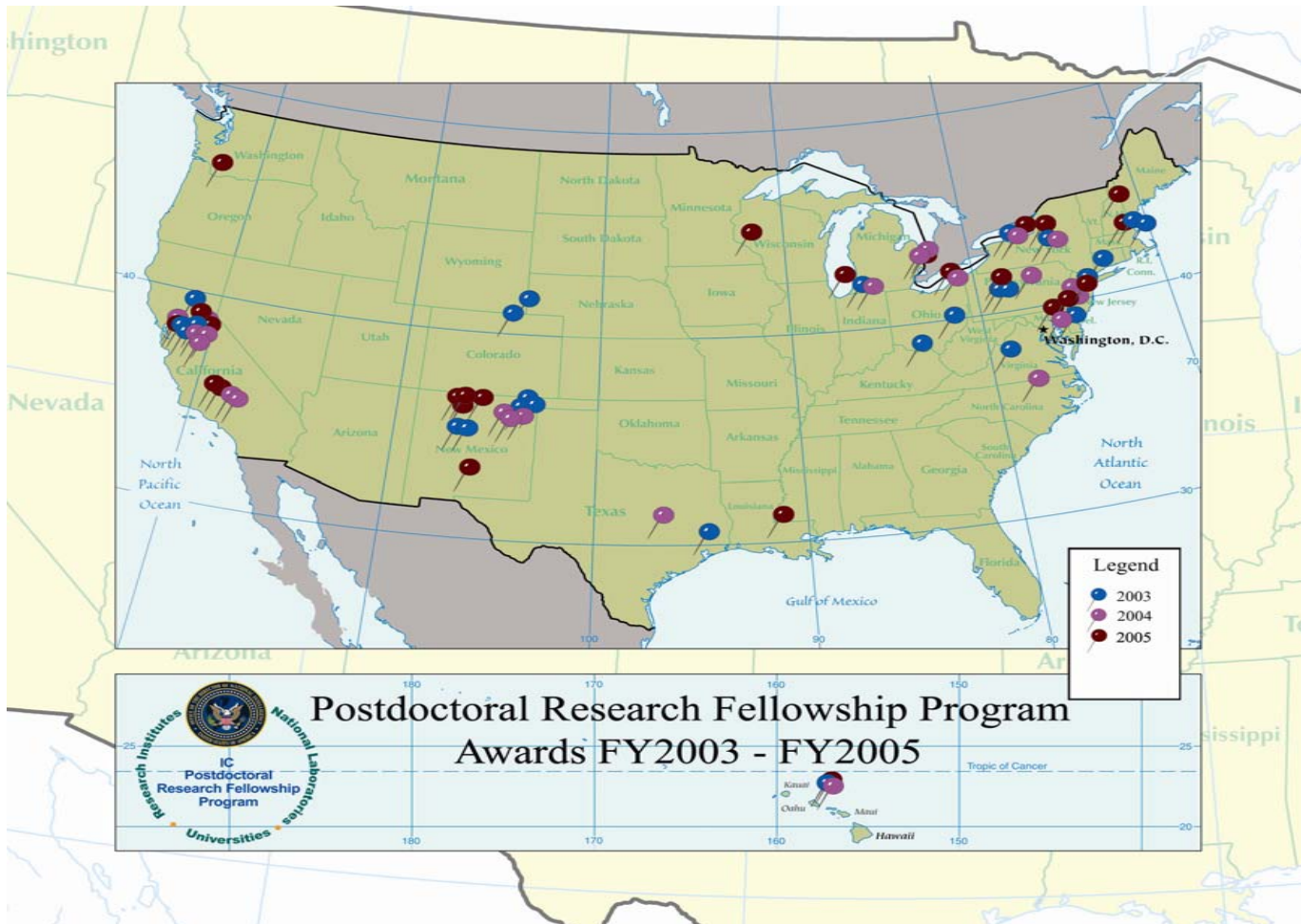


# Benefits to Postdoctoral Fellows

- Each Postdoc is assigned an IC Advisor with expertise in their research area. The IC Advisor:
  - Is available to consult on the direction and outcomes of the research
  - Is knowledgeable about future funding and career opportunities
  - Facilitates contact with potential collaborators
  - Facilitates publication in the Journal of Intelligence Community Research and Development and other professional publications
- Each Postdoc participates in a program that facilitates discussion and collaboration across disciplines and specialties. This is encouraged through the:
  - Annual IC Postdoctoral Research Fellowship Colloquium
  - Password-protected website
  - Ongoing discussions and collaborations with other Postdoctoral Fellows



# Awards FY 2003 – FY 2005





# Annual Colloquium

- Three-day event required for all Postdoctoral Fellows and attended by Postdoctoral Fellows, Principal Investigators, IC Advisors, and other senior scientists and policymakers in the IC
- Plenary and tracked sessions, with a mix of specialties and media
- Planned events to promote science and the IC community:
  - Keynote speakers have included Nobel Laureates and heads of Federal agencies
  - Visits to the Spy Museum and the CIA Headquarters.



# Postdoctoral Fellows Blog: <http://icpostdoc.org>

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**IC Website**

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## Blog of the Week

### Fellows Blog of the Week

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#### Sociology for Fun and Profit

September 28, 2005

By David Schurig

3:29:26 PM EST

What are the two hottest buzzwords in information technology today? Podcasting and blogging. One might assume, (and many non-techno-geeks do), that these words describe some new enabling technologies, some hot ideas sprouting from the minds of those modern enigmas - engineers. In my opinion, however, these two words would be more accurately described as sociological jargon.

Technologically, blogs are WEB PAGES, nothing more. The technology for coding, serving and reading web pages has been around for quite some time. The concept that one might distribute something like a diary via this infrastructure, and that people will read it is a sociological development.

Podcasts are DOWNLOADS OF AUDIO FILES. You may have heard of this even back in the 90s. The internet and portable digital audio players have been around a while. Again, the concept that someone might provide serial audio content via this channel, and that people would listen, is sociology.

Nevertheless, people, (e.g. Adam Curry, former big haired VJ and podcasting entrepreneur), are writing business plans, making money, and submitting patents based on these ideas. Can you really patent sociological phenomena?

Walking into my building the last two days I have passed by an auditorium where a two day podcasting symposium is going on. Two days? What could they possibly be talking about, I wondered. I walked in. What I heard was: business, sociology and, of course, the fear of government intervention.

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# Additional Information: <http://www.icpostdoc.org>

IC Postdoctoral Research Fellowship Program FY2006

[www.icpostdoc.org](http://www.icpostdoc.org)

## PREPARING FOR THE FUTURE

The Postdoctoral Research Fellowship Program was established by the Central Intelligence Agency in 2000 to fund basic research in areas of interest to the Intelligence Community (IC). To ensure that the IC research agenda addresses issues critical to effective intelligence capabilities, senior scientists in the Intelligence Community annually identify research topics covering a range of disciplines as varied as molecular biology and robotics. Principal Investigators submit technical proposals and, once selected, partner with a Postdoctoral Fellow and an advisor in the Intelligence Community to research the designated topic. Together, they produce state-of-the-art research while building the intellectual capital of the nation.



## PARTNERS IN RESEARCH

### Postdoctoral Fellow

Postdoctoral Fellows conduct research and prepare the results for presentation in peer-reviewed journals and at the annual *IC Postdoctoral Research Fellowship Colloquium*. Postdoctoral Fellows must be U.S. citizens; must be associated with an accredited U.S. university, college, or selected national laboratory; and must have completed their Ph.D. by the time of award.

### Principal Investigator

Principal Investigators are responsible for the oversight of the research and serve as a mentor to the Postdoctoral Fellow. The Principal Investigator may be an employee of a university, college, or selected national laboratory and usually develops the project proposal and selects the Postdoctoral Fellow. Principal Investigators are not required to be U.S. citizens.

### IC Advisor

The IC Advisor oversees the direction and outcomes of the research, and facilitates publication in journals and presentation at the *IC Postdoctoral Research Fellowship Colloquium*. The IC Advisor must be a federal employee and a senior-level scientist in the IC. The IC Advisor must attend the annual *IC Postdoctoral Research Fellowship Colloquium*.

## FY2006 PROGRAM INFORMATION and REQUIREMENTS

### FY2006 Program Call

The annual Program Call has two stages:

- Part 1: A call to IC scientists for research topics; and
- Part 2: A subsequent call to researchers for relevant proposals.

### PART 1

#### Call to IC Scientists for Research Topics

Topic proposals are due each October from IC scientists interested in serving as IC Advisors. Federal employees interested in serving as an IC Advisor for a minimum of two years apply by submitting their resume and a research topic that will draw highly qualified Postdoctoral Fellows. Topic proposals and resumes are vetted by the IC Chief Technical Officer and the list of topics and advisors is finalized by December.

#### Submission Requirements

##### for Research Topics

All submissions must include the following:

- Unclassified white paper outlining the proposed research project, its technical objectives, and goals (limit of two pages).
- Unclassified resume of the proposed IC Advisor (limit of two pages).

### PART 2

#### Call to Researchers for Relevant Proposals

The second stage of the Program Call is a call for research proposals. Research proposals are due in February and should only address approved topics. Proposals from universities, colleges, or selected national laboratories are eligible, provided that the proposed Postdoctoral Fellow is a US citizen. The grant funding is for a two-year period, with an optional third year.

#### Submission Requirements for Research Proposals

All submissions must include the following:

- A research proposal, to include a project description;
- Resume of the proposed Principal Investigator (limit of two pages);
- Resume of the proposed Postdoctoral Researcher (limit of two pages);
- Coets and certifications; and
- Deadline: Submissions must be received between 9 December 2005 and 10 February 2006.

#### Evaluation and Award

All submissions undergo a rigorous review. Proposals are selected based on merit, relevance to the mission, and available funding.

