

## **National Science Foundation IRFP Applicants Survey**

This survey is being conducted by Abt Associates Inc. for the National Science Foundation (NSF), to learn about the graduate experiences, career choices, and professional activities of individuals who applied to NSF's International Research Fellowship Program (IRFP). You are receiving this survey because you are listed in the IRFP database as an applicant to IRFP.

### **Confidentiality and Participation**

Participation in the survey is voluntary and nonparticipation will have no impact on you or your institution. You may skip questions on the survey or discontinue participation at any time. Your responses to this survey will be protected under the Privacy Act. There is minimal risk of breach of confidentiality, and we have put in place procedures in place to minimize this risk. You will never be identified by name, and information from the study will only be reported in the aggregate at the program level, combined with about 250 other responses.

### **Completing the Survey**

We estimate that it will take approximately 30 minutes to complete the survey. If you have questions about the study, please contact the study director, Alina Martinez of Abt Associates Inc. at (866) 421-6223 or email her at IRFP\_survey@abtassoc.com. You may also contact the evaluation's program officer at NSF, John Tsapogas (jtsapoga@nsf.gov). If you have questions about your rights as a research participant, you may contact Teresa Doksum, the Abt Institutional Review Board Administrator at (877)520-6835.

To learn more about this study, please refer to the **Frequently Asked Questions** page.

### **Consent**

Please continue with the survey if you agree to participate in this study.

**[Note for reviewers: This survey will be programmed for on-line administration. The formatting of items may appear differently on-line.]**

Notes in brown are for programming purposes.

Some questions will be received by specific groups of individuals only. These skip patterns are indicated throughout the survey. For the paper version, we have included these skip patterns in text. These will be programmed into the online version.

There are places throughout the survey where Institution, year, name etc. will be filled into the question or instruction text using a sample file.

**We now would like to ask you about your experiences with the program. Please respond to the best of your recollection.**

## IRFP Applicants Questionnaire

*Some items include a common [reference date], like that used in the Survey of Doctoral Recipients (SDR), to account for the fact that individual survey respondents are unlikely to complete the survey during the same week or month within the data collection period (currently scheduled for early October 2010).*

### MODULE A: VERIFICATION MODULE<sup>1</sup> FELLOWS AND UNFUNDED APPLICANTS

**Before we begin the survey, we'd like to confirm that we've reached the appropriate person.**

A1. Based on the information that you provided to NSF in your application, your name is [First Name, Middle Name/initial, Last Name]. Is this correct?

- No, my name has changed or my name is misspelled above. My name is: [textbox] → **GOTO A2.1 or A2.2**
- No, I'm not the person named above. → **EXIT SURVEY**
- Yes, this is correct. → **GOTO A2.1 or A2.2**

A2.1. [Fellows only] Based on the information contained in the NSF database, you participated in the National Science Foundation's International Research Fellowship Program starting in [Year]. Is this correct?

*If you participated in IRFP more than once, please consider your most recent experience*

- Yes, this is correct. → **GOTO A3**
- No, I never participated in IRFP → **EXIT SURVEY**
- No, I applied for the IRFP, but withdrew my application before the award decision was made → **EXIT SURVEY**
- No, I was awarded the IRFP fellowship, but declined it → **EXIT SURVEY**
- No, I participated in IRFP, but the most recent year I participated was [enter year here] → **GOTO A3**

A2.2. [Unfunded applicants only] Based on the information contained in the NSF database, you applied for the National Science Foundation's International Research Fellows Program (IRFP), but did not participate in a fellowship. Is that correct?

- Yes, this is correct. → **GOTO A4**
- No, I did participate in an IRFP fellowship, but my fellowship began in [enter year: yyyy] and took place in [enter country here]. → **GOTO A3**
- No, I never applied for this program. → **EXIT SURVEY**

A3. Based on the information in the NSF database, you applied to spend your IRFP fellowship in [IRFP country]. Is this correct?

- Yes → **GOTO A4**
- No, I applied for an IRFP fellowship was in [IRFP country] → **GOTO A4**

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<sup>1</sup> This first set of questions are needed to insure that the correct individual is responding to the survey. Brackets indicate either information that will be pre-filled from extant data, or places where the respondent is asked to enter information. Some of these questions can be removed if extant data are available for all applicants.

A4. We are interested in the doctoral degree that you had most recently earned when you applied for IRFP.

Our records indicate that you received your doctorate in [enter year: yyyy]. Is this correct?

- Yes, this is correct. → **GOTO A5**
- No, I earned my degree in [enter year: yyyy] → **GOTO A5**

A5. What discipline best characterizes your research when you applied for an IRFP fellowship? Please select the field and subfield that best matches your discipline.

**Respondents will select their discipline from a list corresponding to the list used in the Survey of Doctoral Recipients 2008 questionnaire.**

## **MODULE B: REASONS TO APPLY AND APPLICATION PROCESS FELLOWS AND UNFUNDED APPLICANTS**

B1. How did you learn about the IRFP Fellowship? *Check all that apply.*

- I saw a flyer or poster about IRFP at my department or university
- I heard about IRFP through a peer, colleague or faculty member
- I heard about it at presentation by NSF
- I learned about IRFP at a professional conference I was attending
- A researcher from an IRFP host country (not in the U.S.) told me about IRFP
- I was browsing the NSF website and discovered it
- I was searching online for international research opportunities
- Other (please specify): [textbox]

B2. Why did you apply to IRFP? *Check all that apply.*

- To conduct research with a specific person or at a specific institution
- To collaborate with a foreign scientist
- To understand what research in my field was like outside the US
- To access resources (e.g. samples, equipment) for research that I could not find in the US
- To enhance my skills or knowledge as a researcher
- To enhance my resume as a future job candidate
- To learn about the culture, history, and/or geography of another country
- To learn another language
- To travel outside of the United States
- For family reasons (e.g., to accompany a spouse traveling abroad)
- Other (please specify): [textbox]

B3. For your application to the IRFP program, why did you select your IRFP country? *Check all that apply.*

- The host researcher was conducting research relevant to my own interests
- The host institution had equipment or resources helpful for my proposed research
- A faculty advisor or mentor recommended this particular country, the particular host institution or host researcher in this country
- I have professional ties with someone who is from this country
- The host researcher had visited my department or university
- There were particular places in this country (aside from the host institution) that I wanted to visit or see
- I had studied this country's culture, history, politics, geography, etc. before applying
- I was familiar with the primary language(s) spoken there
- Other reason (please specify): [textbox]

B4. During the IRFP application process, did you experience any of the following difficulties? *Check all that apply.*

- Finding a host scientist whose research matched my research interests
- Identifying a research project
- Communicating with people at the host institution due to a language barrier
- Getting answers to my questions regarding the application from NSF
- Using the FastLane application system
- Demonstrating my qualifications using the application format
- Other: please specify: [textbox]
- None: I did not experience any difficulties

B5. Did the notification of your application status allow you sufficient time to make the necessary arrangements for your visit or to make alternative plans if you did not receive the award?

- Yes
- No

B6. Did your graduate advisor encourage you to apply for an IRFP?

- Yes
- No

B7. What types of mentoring or guidance did you receive from your graduate advisor or other colleagues during the preparation of the IRFP application? *Check all that apply.*

- Suggested a host institution
- Recommended me to a colleague at the host institution
- Provided feedback on my project proposal
- Discussed with me cultural and language aspects of the host country
- Other – specify: [textbox]
- None

## MODULE C: PSM MODULE FELLOWS AND UNFUNDED APPLICANTS

*Items in this Module are needed for the Propensity Score Matching (PSM) to ensure a good match between IRFP fellows and IRFP Non-awarded applicants.*

C1. Using a 4-point scale, what was your overall undergraduate grade point average (GPA)?

*If you have more than one bachelor's degree, give your overall grade point average for your first bachelor's degree.*

- 3.75 – 4.00 GPA (Mostly A's)
- 3.25 – 3.74 GPA (About half A's/half B's)
- 2.75 – 3.24 GPA (Mostly B's)
- 2.25 – 2.74 GPA (About half B's/half C's)
- 1.75 – 2.24 GPA (Mostly C's)
- 1.25 – 1.74 GPA (About half C's/half D's)
- Less than 1.25 (Mostly D's or below)
- Have not taken courses where grades were given

C2. In what year did you receive your undergraduate degree? [Enter yyyy]

C3a. While you were an undergraduate, did you participate in a study abroad program or did you spend a semester pursuing your education at a college/university outside the United States?

- Yes
- No

C3b. While you were a graduate student did you participate in a study abroad program or did you spend a semester pursuing your education outside the United States?

- Yes
- No

C4. At the time you applied for an IRFP Fellowship were you aware of any relationship between your U.S.-based institution (graduate, postdoctoral, or other) and that of the host institution to which you applied?

- Yes, a postdoc or faculty member in my department had collaborated with someone at the host institution
- Yes, my department or university had an existing collaboration or student/faculty exchange program with the host institution
- Other students/postdocs/faculty from my university or department had been to the host institution
- Yes, there was another type of relationship. Please specify: [textbox]
- No, I was not aware of any such relationship

C5. By the time you applied for IRFP, which degrees had you earned? *Check all that apply:*

- Master's degree (MA, MS)
- Doctoral degree (PhD, EdD, ScD)
- Professional degree (MD, JD, MBA, PsyD)

- Dual degree (MD/PhD or JD/PhD)
- Other degree– specify: [textbox]

C6. By the time you applied for the IRFP, had you done any of the following? *Check all that apply*

- Attended elementary or secondary school in another country
- Collaborated on research with someone based in another country
- Published research with someone based in another country
- Presented scholarly work at a research conference in another country
- Belonged to an international association, either for students or professionals
- Participated on a research team with a scientist who was visiting my group from a foreign institution
- Worked with a colleague (peer or faculty member) who had an ongoing collaboration with researcher(s) in another country/countries
- Worked with a colleague who had completed an IRFP Fellowship

C7. By the time you applied for the IRFP, had you authored/co-authored, edited/co-edited, developed/co-developed any of the following types of research papers or products?

*Include works published in electronic or printed format but do not count the same work more than once if it is available in multiple formats.*

<input type="checkbox"/> Yes <input type="checkbox"/> No	Peer-reviewed publications
<input type="checkbox"/> Yes <input type="checkbox"/> No	Books
<input type="checkbox"/> Yes <input type="checkbox"/> No	Book chapters
<input type="checkbox"/> Yes <input type="checkbox"/> No	Other publications (e.g. abstracts, conference papers, posters)
<input type="checkbox"/> Yes <input type="checkbox"/> No	Patents and licenses, registered or pending
<input type="checkbox"/> Yes <input type="checkbox"/> No	Computing software, algorithms, models, or simulations
<input type="checkbox"/> Yes <input type="checkbox"/> No	Other products (e.g., websites; research-related blogs)

C8. When you applied for the IRFP, were you already collaborating with the host scientist(s) or someone else at the host institution(s) that you proposed in your application?

- Yes
- No

C9. By the time you applied for the IRFP, had you received a nationally competitive fellowship to support your graduate or postdoctoral studies?

*Do not include support you received directly from your institution or support from a faculty member's grant funding.*

*Competitive fellowships include those awarded by a Federal, state, or local agency or by a private foundation to support graduate students enrolled (or intending to enroll) at any graduate institution.*

- Yes
- No

**MODULE D: PARTICIPANT EXPERIENCE FELLOWS ONLY**

- D1. In preparation for your IRFP fellowship, did you study a language spoken in your host country? *Check all that apply.*
- No, I was already familiar with the language spoken in the host country
  - No, I did not study a language spoken in the host country
  - Yes, I did some self-guided language study (i.e., individual study using books or computer-based instructional software, such as *Rosetta Stone*)
  - Yes, I studied with a conversation partner or a tutor who was familiar with a language spoken in the host country
  - Yes, I enrolled in a formal language training course led by an instructor (either an online course or “live” course)
- D2. Was the language a barrier for you during your IRFP fellowship?
- Language was a significant barrier
  - Language was a minor barrier
  - Language was not a barrier
- D3. During your IRFP fellowship, did you attend or participate in any of the following types of cultural or leisure activities in your host country? *Check all that apply*
- Sightseeing
  - Museums
  - Festivals, holiday or religious ceremonies
  - Outdoor activities to explore the landscape, geography
  - Sporting events
  - Non-scientific lectures or presentations
  - Other (please specify):
  - I did not participate in any cultural activities
- D4. During your IRFP fellowship, did you attend or participate in any of the following types of professional activities? *Check all that apply*
- Visit(s) to educational or research institutions other than my host institution
  - Visit(s) to businesses/industrial laboratories
  - Language courses or language study
  - Lectures, colloquia, seminars in my field
  - I gave a talk or presentation to researchers from my host country
  - Networking with colleagues from institutions other than my host institution
  - Other (please specify):
  - I did not attend or participate in any professional activities
- D4a. Please describe one of the most memorable activities or events you experienced in your host country: [textbox]

D5. Did you experience any barriers to participating in or attending any cultural or professional activities? *Check all that apply:*

- There were no barriers
- There were logistical (e.g., transportation, cost) barriers to my participation
- There were language barriers to my participation
- There were cultural or religious barriers to my participation
- My gender made participation difficult or uncomfortable
- My ethnicity or race made participation difficult or uncomfortable
- Other – specify: [textbox]
- None

D6. What were the primary benefits (if any) of the cultural and professional activities you attended or in which you participated?

- Developed important personal relationship(s)
- Broadened my understanding of cross-cultural similarities and differences
- Developed important professional relationship(s)
- Broadened my understanding of research and development in my field
- Other (please specify): [textbox]
- None



D7. Who was primarily involved in the following activities related to the IRFP project(s) on which you worked? *Mark one answer in each row.*

	Mostly me independently	Mostly the host or members of his/her group without me	Me and the host or host's research group together about equally	Not applicable
Developing the ideas, hypotheses, broad framework, or vision for the research project				
Researching literature or research base relevant to the project				
Keeping records, tracking supplies, resources,				
Developing instrumentation, software, equipment, or data collection processes				
Collecting data or carrying out simulations				
Analyzing data or observations				
Interpreting results				
Planning or developing follow-up work based on results				
Written, oral dissemination of results (publications, presentations)				

D8. Did you experience any of the following difficulties during your fellowship? *Check all that apply.*

- Inadequate access to space, facilities, equipment, computers, resources/supplies
- My role on the project was less than that merited by my skills/knowledge
- Not enough guidance from host/host's research group
- Communication or language difficulties
- I felt that my ideas were not treated with respect
- Encountered sexual, gender- racial or other harassment or discrimination
- I was asked to do work that was someone else's responsibility
- Not given credit for my contributions to advancing a project
- Other (please specify): [textbox]
- None

D9. How often did you meet with your host researcher or your host's research group to discuss your IRFP research?

- About every day
- About every other day
- About once a week
- About once every other week
- Once a month or less

D10. What type of advice or guidance did your host (or host's research group) provide you?

*Check all that apply.*

- Conceptual guidance
- Technical assistance
- Assistance with bureaucratic or logistical barriers
- Constructive feedback on mistakes
- Helped support my morale
- Hands-on assistance doing the work
- Assistance with networking for job placement after IRFP fellowship

D11. During your IRFP fellowship, who provided direct supervision while you were conducting your work? *Check all that apply.*

- The host researcher him/herself
- Another staff scientist
- A junior faculty member or post-doctoral fellow
- Another graduate student(s)
- A laboratory technician or other employee/worker
- No one, I was not supervised by anyone else

D12. Please indicate how satisfied you were with various aspects of your IRFP experience. *Mark one answer in each row.*

	<b>Very dissatisfied</b>	<b>Somewhat dissatisfied</b>	<b>Somewhat satisfied</b>	<b>Very satisfied</b>
Lodging				
Fellowship support amount				
Fellowship duration				
Fellowship timing with respect to your career goals				
Research/laboratory facilities at the host location				
Access to the internet				
Host's availability				
Match between yours and your host's research interests				
Host's expertise in his/her field				
The level of the host's intellectual contribution to your joint research project				
Host's efforts to help you meet other researchers				
Host's inclusion of you in research group/laboratory, meaningful collaboration				
Guidance or mentoring provided by host				
Opportunities to experience and learn about your host country, its culture, history, etc				
The quality of research you were able to conduct				
Professional connections you made during the fellowship				

D13. If you would like to elaborate or comment further on areas of satisfaction or dissatisfaction with your IRFP experience, please do so: [textbox]

**MODULE E: OUTCOMES OF THE EXPERIENCE FELLOWS ONLY**

E1. Since the conclusion of your IRFP fellowship and [October 1, 2010], have you collaborated or communicated with your host scientist? *Select one answer*

- I have collaborated on a research project → **GOTO E1a**
- I have communicated with my host but haven't collaborated further on research → **GOTO E1c**
- I have not communicated with my host → **GOTO E1c**

E1a. What was the extent of your collaboration? *Check all that apply*

- I have a position at the host's group
- I have a position at the host's institution → **GOTO E1b**
- We exchanged ideas, data, ideas, research results, or tools → **GOTO E1b**
- We co-authored papers → **GOTO E1b**
- We co-advised students → **GOTO E1b**
- We visited each other at our institutions → **GOTO E1b**
- Other – specify [textbox] → **GOTO E1b**

E1b. How recently has the latest collaboration with your host occurred?

- Within the past 6 months → **GOTO E2**
- Within the past 12 months → **GOTO E2**
- 1-2 years ago → **GOTO E2**
- 3 or more years ago → **GOTO E2**

E1c. Why do you no longer collaborate with your former host? *Check all that apply*

- Our research interests diverged
- One or both of us lacked funding needed to maintain collaboration
- Language differences have hindered further collaboration
- Political or cultural differences have hindered further collaboration
- Geographic distance has hindered further collaboration
- I did not think that further collaboration would be beneficial for me
- My host did not actively pursue or maintain further collaboration with me
- One (or both) of us is too busy with other projects
- Other – specify [textbox]

E2. Did participating in IRFP make you qualified for a broader range of opportunities after the fellowship ended?

- Yes, IRFP did broaden my career options → **Go to E2a**
- No, IRFP did not broaden my career options → **Go to E3**
- I am not sure → **Go to E3**

E2a. Describe how IRFP broadened or constrained your career options: [textbox]

E3. Which of the following professional benefits occurred as a result of your participation in IRFP? *Check all that apply*

- My work at the host institution resulted in a substantial advancement in my research
- My work at the host institution opened up new areas of investigation
- I became familiar with scientific enterprise of the host country
- I became committed to international research collaboration
- I made valuable connections to researchers in the host country
- My career goals changed from an academic career to a non-academic career
- My career goals changed from a non-academic to an academic career
- I decided to pursue research in a different discipline than the one I was most familiar with when I began my IRFP fellowship
- IRFP participation made me more competitive for jobs I was interested in
- IRFP participation made me consider a position I would not have considered in the past
- None of the above

E4. Which of the following additional benefits occurred as a result of your participation in IRFP? *Check all that apply*

- Research methods or ideas that I learned benefited others in my institution
- Samples that I collected or tools that I developed benefited others in my institution
- My peers became interested in international collaboration
- Others in my research group (in the U.S.) began an international research collaboration
- Researchers that I met during my fellowship joined my research group in the U.S.
- Other – specify [textbox]
- None of the above

E5. Which of the following personal benefits occur as a result of your participation? *Check all that apply.*

- I became comfortable with the traditions and culture of the host country
- I made personal connections in the host country
- I gained proficiency in another language
- I decided to live outside the United States (i.e., at least 6 months)
- None of the above

E6. Which of the following are true? *Check all that apply*

- Obtaining full-time employment after the conclusion of my IRFP fellowship was more difficult than I expected
- I lost an important career or educational opportunity by participating in IRFP
- I am more skeptical about international collaboration than before IRFP
- None of the above

E7. What was the most positive aspect of your IRFP experience? [textbox]

E8. What was the most challenging aspect of your IRFP experience? [textbox]

E9. Would you recommend IRFP to a colleague?

- Yes → **GOTO E9a**
- No → **GOTO E9a**

E9a. Why or why not? [textbox]

E10. Would you recommend your IRFP host scientist to a colleague seeking an international collaboration?

- Yes
- No

E11. Would you recommend your host country to a colleague?

- Yes
- No

E12. What would you change about the IRFP program? [textbox]

E13. What was the most important contribution of IRFP participation to your career? [textbox]

## **MODULE F: PROFESSIONAL HISTORY FELLOWS AND UNFUNDED APPLICANTS**

*The wording of several items in this module is matched to SDR. These items are marked as MATCH TO SDR.*

F1. During the week of [October 1, 2010] were you working for pay or profit? Work includes being self-employed, on a postdoctoral appointment, or on any type of paid or unpaid leave, including vacation. **MATCH TO SDR2006 A1**

- Yes, in a postdoctoral position → **GOTO F1a-c, then to F5**
- Yes, in another type of position → **GOTO F1a-c, then to F2**
- No, I am in graduate school → **GOTO F9**
- No, I am not in graduate school and not working → **GOTO F1a-c, then to F8**

F1a. Between [year] and [October 1, 2010], how many postdoctoral appointments did you have? Please include your current position in the total.

- 0
- 1
- 2
- 3 or more

F1b. Do you plan to remain in academia?

- Yes
- No
- I am not sure

F1c. Have you held any postdoctoral appointment at an institution outside the United States?

F2. Which of the following best describes your primary employer during the week of [October 1, 2010]? **MATCH TO SDR2006 A11**

- SELF-EMPLOYED or a BUSINESS OWNER (non-incorporated or incorporated business, professional practice, or farm)
- PRIVATE SECTOR (for-profit or non-profit, including tax-exempt and charitable organizations; includes private colleges/universities)
- Local GOVERNMENT (city, county, school district)
- State GOVERNMENT (including state colleges/universities)
- U.S. MILITARY service, activity duty or Commissioned Corps (e.g., USPHS, NOAA)
- U.S. federal GOVERNMENT
- OTHER type of employer: Please specify: [textbox]

F3. Was your primary employer during the week of [October 1, 2010] an educational institution? **MATCH TO SDR2006 A12**

- Yes → **GOTO G3a-e**
- No → **GOTO G4**

F3a. Was the educational institution where you worked a . . . **MATCH TO SDR2006 A13**

- Preschool, elementary, middle, or secondary school or system
- Two-year college, community college or technical institute → **GOTO F3b**
- Four-year college or university, other than a medical school → **GOTO F3b**
- Medical school (including university-affiliated hospital or medical center) → **GOTO F3b**
- University-affiliated research institute → **GOTO F3b**
- Other educational institution [please specify]: [textbox]

F3b. During the week of [October 1, 2010] what type of academic position did you hold at this institution? *Mark Yes or No for each item.* **MATCH TO SDR2006 A14**

Yes	No	
		President, Provost, or Chancellor (any level)
		Dean (any level), department head or chair
		Research faculty, scientist, associate or fellow
		Teaching faculty
		Adjunct faculty
		Other (please specify: [textbox])

F3c. During the week of [October 1, 2010] what was your faculty rank? **MATCH TO SDR2006 A15**

- Not applicable: no ranks designated at this institution
- Not applicable: no ranks designated for my position
- Professor
- Associate Professor
- Assistant Professor
- Instructor
- Lecturer
- Other: [textbox]

F3d. What was your tenure status? **MATCH TO SDR2006 A16**

- Not applicable: no tenure system at this institution
- Not applicable: no tenure system for my position
- Tenured
- On tenure track but not tenured
- Not on tenure track

F4. In performing the primary job you held during the week of [October 1, 2010], did you work with individuals located in countries other than the US? **MATCH TO SDR 2006**

*If you are a graduate student, please consider graduate school your primary job*

- Yes → **GOTO F4a**
- No

F4a. Did your work with individuals in countries other than the US involve. . .

*Mark Yes or No for each item.* **MATCH TO SDR**

Yes	No	
		Sharing data or information?
		Sharing materials, equipment, or facilities?
		Preparing a joint publication?
		Jointly developing a product, process, or program?
		Collaborating on a research project?
		Other type of work? Specify: [textbox]

F5. As of [October 1, 2010], were you intending to pursue any of the following international opportunities? *Check all that apply*

- A postdoctoral position outside the United States
- Graduate training at an institution outside the U.S.
- Employment outside the United States
- Other international research program. Which one? [Textbox]

F6. Between [starting year of IRFP] and [October 1, 2010], did you receive any awards or honors based on your research?

- Yes → **GOTO F6a**
- No

**F6a for Fellows only; Declinees SKIP to F6b**

F6a. Were any of these awards based on research conducted or advanced during your IRFP fellowship?

- Yes
- No → **GOTO F7**



F6b. What was the name of the most prestigious award for research you have received and who did it come from?

Name of award: [textbox]

The award was from:

- My graduate department or institution
- A regional or national professional association
- An international professional association
- A U.S. government agency
- A foundation in the U.S.
- An institution or government based outside the U.S.
- Other – specify: [textbox]

F7. Between [starting year of IRFP] and [October 1, 2010], how many of the following works had you published or produced (on your own or with others)?

*Include works “in press” but do not include works “under review” or “in preparation.”  
Include works published in electronic or printed format but do not count the same work more than once if it is available in multiple formats.*

*Make your best approximation if you do not know the exact number.*

	All Respondents	All respondents	IRFP Fellows only:
	Total (if none, enter “0”)	How many of these from collaboration with foreign colleague(s)?	How many of these from collaboration with your IRFP host?
Non peer reviewed publications			
Peer reviewed publications			
Monographs			
Books			
Book chapters			
Patents, licenses registered or pending			
Computing software, models, simulations			
Other [textbox]			

F8. Between the conclusion of IRFP and [October 1, 2010], have you ever worked in another country?

- Yes → GOTO F8a
- No

F8a. For how many years in total did you work in another country?

[Textbox]

F9. Between the conclusion of IRFP and [October 1, 2010], did you ever . . . *Check all that apply.*

- Host a foreign colleague in the US to collaborate on research or development project with you?
- Co-sponsor a professional conference with individuals or institutions from another country?
- Communicate with colleagues from other countries?
- None of the above

F10. Between the conclusion of IRFP and [October 1, 2010] did you ever ...  
*Mark Yes, No or Not applicable for each item.*

Yes	No	Not applicable for my position	
			Serve as chairperson of an academic department?
			Serve as director of a research center or institute affiliated with this institution?
			Obtain tenure?
			Receive an elevation in faculty rank?
			Receive an award for teaching?
			Receive an award for service?
			Receive an endowed chair?
			Receive a prize or recognition from a professional association for outstanding contribution(s) to your field?
			Serve as Editor of a professional publication?
			Serve on a visiting committee or another advisory body?

F11. Between the conclusion of IRFP and [October 1, 2010], did you receive any funding to conduct research as a Principal Investigator (PI) or co-PI?

- Not applicable (e.g., not eligible for research funding, not relevant for my position) → **GOTO F12**
- Yes → **GOTO F11a**
- No, I did not apply for such funding during that period of time → **GOTO F12**
- No, I applied but did not receive such funding → **GOTO F12**

F11a. Was the funding you received between the conclusion of IRFP and [October 1, 2010] as a PI, co-PI, or both?

- PI → answer F11b only
- co-PI → answer F11c only
- Both → answer F11b and F11c

F11b. What was the total awarded amount of the most prestigious single research grant/award you received as a **Principal Investigator (PI)**?

*Do not subtract indirect costs taken by your institution.*

*Please round to the nearest whole dollar.*

\$ 

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F11c. What was the total awarded amount of the most prestigious single research grant/award you received as a **co-Principal Investigator (co-PI)**?

*Do not subtract indirect costs taken by your institution.*

*Please round to the nearest whole dollar.*

\$ 

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F12. Between the conclusion of your IRFP fellowship and the week of [October 1, 2010], had you mentored any individuals from the United States who traveled to another country to conduct research? *Please check all that apply*

- I did not mentor any individuals who traveled to another country
- I mentored graduate students who traveled to another country
- I mentored postdocs who traveled to another country
- I mentored faculty who traveled to another country
- I mentored research scientists who traveled to another country
- I mentored other individuals who traveled to another country

*In this next question, we're interested in any effects that your participation in IRFP may have had on people or institutions you've worked with in the U.S. since the end of your IRFP fellowship.*

F13. At institutions in the United States where you have worked since the end of your IRFP fellowship, did you do any of the following? *If, since the end of your IRFP fellowship, you have been unemployed, self-employed or worked only outside the United States, please select "Not applicable" in each row.*

	Yes	No	Not applicable
I have taught my colleagues, students, or peers research methods that I learned during my IRFP fellowship			
I have shared resources (e.g., data, samples, materials) or tools (e.g., algorithms, software, instruments) that I collected developed during my IRFP fellowship with my colleagues			
At an institution where I have worked, I have established a program to foster international collaborations			
I have invited researchers or professional colleagues from another country to visit my institution			
I have led a delegation of colleagues to visit a research laboratory, university, or business in another country			
I have established or served in a leadership role for an international association for professionals in my line of work			
I have persuaded a colleague, (or student or postdoctoral fellow) to pursue an international collaboration			
Other [textbox]			

F14. How would you rate your overall satisfaction with the principal job you held during the week of [October 1, 2010]? MATCH TO SDR2006 A32

- Very satisfied
- Somewhat satisfied
- Somewhat dissatisfied
- Very dissatisfied

**MODULE G: DEMOGRAPHIC INFORMATION FELLOWS AND UNFUNDED APPLICANTS**

G1. What is your gender?

- Male
- Female

G2. What is your ethnicity?

- Hispanic or Latino
- Not Hispanic or Latino

G3. What is your race?

- American Indian or Alaska native
- Asian
- Black or African American
- Native Hawaiian or other Pacific Islander
- White

G4. What is your citizenship status?

- United States citizen since birth → Go to G5
- United States citizen, naturalized → Go to G4a
- Non-U.S. citizen with a permanent U.S. Resident Visa (“Green Card”) → Go to G4a
- Non-U.S. citizen with a temporary U.S. Visa → Go to G4a

G4a. How old were you when you began living in the United States? [textbox]

G5. Are you a person with a disability?

- Yes
- No

G6. During the week of [October 1, 2010] what was your approximate annual gross income?

- \$50,000 or less
- \$50,001 to 100,000
- \$100,001 to 150,000
- \$150,001 to 200,000
- \$200,001 or more
- Choose not to answer

## EXIT MODULE FELLOWS AND UNFUNDED APPLICANTS

Thank you for completing this survey. If you have any questions about this study, please contact [contact info]. If you would like to leave any comments about the survey, please do so: [textbox]

Occasionally, we need to contact respondents to clarify a response to a question. May we have permission to contact you by telephone to clarify your responses to this survey? Entering your number does not obligate you to answer any questions.

Yes, you may reach me at \_\_\_\_\_. [telephone digit entry]

Best time(s) to call (check all that apply):

- Weekdays (9 to 5pm)
- Evenings (5 to 8pm)
- Saturday or Sunday 9-5pm

### EXIT SURVEY

The information you supplied suggests that you are not eligible to participate in this study or that we have reached you in error. We regret any inconvenience to you. If you have any questions about this study or you would like to make a comment, please contact [contact info].

May we have permission to contact you by telephone should we need to clarify your responses here? Entering your number does not obligate you to answer any questions.

Yes, you may reach me at \_\_\_\_\_. [telephone digit entry]

Best time(s) to call (check all that apply):

- Weekdays (9 to 5pm)
- Evenings (5 to 8pm)
- Saturday or Sunday 9-5pm