

## **National Science Foundation EAPSI 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 East Asia and Pacific Summer Institutes (EAPSI) program. You are receiving this survey because you are listed in the EAPSI database as an applicant to EAPSI.

### **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 500 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 [EAPSI\\_survey@abtassoc.com](mailto:EAPSI_survey@abtassoc.com). You may also contact the evaluation's program officer at NSF, John Tsapogas ([jtsapoga@nsf.gov](mailto: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.**

## EAPSI 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>2</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 EAPSI database, you participated in the National Science Foundation's East Asia and Pacific Summer Institutes program (EAPSI) in the summer of [year]. Is this correct?

*If you participated in EAPSI more than once, we refer here, and throughout the rest of the survey, to your most recent EAPSI experience unless specifically stated otherwise.*

- Yes, this is correct. → **GOTO A3**
- No, I never participated in EAPSI. → **EXIT SURVEY**
- No, I applied for the EAPSI fellowship, but withdrew my application before the award decision has been made. → **EXIT SURVEY**
- No, I was awarded the EAPSI fellowship, but declined it. → **EXIT SURVEY**
- No, I participated in EAPSI, 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 EAPSI in the year of [year], but did not participate in a fellowship. Is this correct?

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

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<sup>2</sup> This first set of questions is needed to ensure 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.

- A3. Based on the information contained in the NSF database, you applied to spend your EAPSI fellowship in [EAPSI country]. Is this correct?
- Yes
  - No, I applied for an EAPSI fellowship in [list of EAPSI countries].
- A4. Based on the information that you provided to NSF in your application, you were enrolled at [University] when you most recently applied for an EAPSI fellowship. Is this correct?
- Yes
  - No, I was enrolled as a graduate student at [enter University name here].
- A5. What graduate degree were you pursuing when you applied for the summer EAPSI fellowship?
- Master's degree (MA, MS)
  - Doctoral degree (PhD, EdD)
  - MD/PhD or JD/PhD
  - Professional degree (MD, JD, MBA, PsyD)
  - Other – specify: [textbox]
- A5a. As of [October 1<sup>st</sup>, 2010], had you earned this degree?
- Yes → Go to A5b
  - No → Go to A6
- A5b. What month and year did you receive this degree?  
 \_\_\_|\_\_\_\_\_ (mm|yyyy)
- A6. In what year did you first enroll as a graduate student at [University]? [enter year: yyyy]
- A7. What discipline were you studying when you applied for an EAPSI 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 EAPSI Fellowship? *Check all that apply.*
- I saw a flyer or poster about EAPSI at my department or university
  - I heard about EAPSI through a peer, colleague or faculty member
  - I heard about it at presentation by NSF
  - I learned about EAPSI at a professional conference I was attending
  - A researcher from an EAPSI host country (not in the U.S.) told me about EAPSI
  - 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 for an EAPSI fellowship? *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 make progress towards earning my graduate degree
- 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 EAPSI program, why did you select your EAPSI 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
- The host country was not my first choice
- Other reason (please specify): [textbox]

B4. During the EAPSI 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 that I could accomplish in 8 to 10 weeks
- 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. How did your primary graduate advisor view your decision to apply for an EAPSI?

- I do not know how my advisor viewed my decision to apply
- I did not have an advisor
- My advisor opposed my decision to apply
- My advisor was indifferent to my decision to apply
- My advisor supported my decision to apply

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

- Provided a letter of recommendation to NSF
- 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

B8. Did you participate in a pre-departure orientation?

- Yes
- No → **Go To C1**

B8a. Did the pre-departure orientation provide adequate information on the following topics?

- Living expenses
- Healthcare access
- Lodging
- Culture and rules of the host country
- Political situation in the host country
- What not to do in the host country
- What to do in case of emergency

B8b. What additional topics do you think should have been covered during the orientation? [textbox].

## 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 EAPSI fellows and EAPSI 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. While you were an undergraduate, did you participate in a study abroad program or did you spend a semester pursuing your education outside the United States?
- Yes
  - No
- C3. Which of the following were true at the time of application? *Check all that apply.*
- I was already collaborating with the host scientist or someone else at the host institution
  - My advisor or another faculty member in my department had collaborated with someone at the host institution
  - My department or university had an existing collaboration or graduate student exchange program with the host institution
  - Other graduate students from my university or department had been to the host institution
  - There was another type of relationship with the host institution. Please specify:  
[textbox]
- C4. By the time you applied for an EAPSI Fellowship, 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 EAPSI Fellowship

- C5. By the time you applied for an EAPSI Fellowship, had you authored/co-authored, edited/co-edited, developed/co-developed 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. abstract, 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)

- C6. By the time you applied for an EAPSI Fellowship, had you received a nationally competitive fellowship(s) to support your graduate studies?

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

*Competitive graduate fellowships include those awarded by Federal, state, or local agencies 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 EAPSI 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 EAPSI fellowship?
- Language was a significant barrier
  - Language was a minor barrier
  - Language was not a barrier

- D3. During your EAPSI 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 EAPSI fellowship, did you attend or participate in any of the following types of professional activities?
- 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 EAPSI 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 harrassment 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 EAPSI project?

- 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 the EAPSI fellowship

D11. During your EAPSI 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. Were any researchers from your graduate institution involved in the project(s) you conducted during EAPSI? *Check all that apply.*

- My advisor
- Other faculty at my grad institution
- Other grad students at my grad institution
- None of the above

D13. Please indicate how satisfied you were with various aspects of your EAPSI experience.  
*Check 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 (summer)				
Research/laboratory facilities at the host location				
Access to the internet				
Host's availability				
Match between my and my host's research interests				
Host's expertise in his/her field				
The level of the host's intellectual contribution to our joint research project				
Host's efforts to help me meet other researchers				
Host's inclusion of me in research group/laboratory, meaningful collaboration				
Guidance or mentoring provided by host				
Opportunities to experience and learn about the host country, its culture, history, etc				
The quality of research I was able to conduct				
Match between scope or goals of project and duration of EAPSI				
Professional connections made during the fellowship				

D13a. Please feel free to elaborate on areas of satisfaction or dissatisfaction with EAPSI.  
 [Textbox]

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

E1. Since the conclusion of your EAPSI 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
- My colleagues discouraged me from continuing this collaboration
- My advisor discouraged me from continuing this collaboration
- One (or both) of us is too busy with other projects
- Other – specify [textbox]
- None of the above

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

- Yes, EAPSI did broaden my career options → **GOTO E3a**
- No, EAPSI did not broaden my career options
- I am not sure

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

E3. Which of the following professional benefits occurred as a result of your participation in EAPSI? *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 a graduate degree in a different discipline than the one I was pursuing when I began my EAPSI fellowship
- EAPSI participation made me more competitive for jobs I was interested in
- EAPSI participation made me consider 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 EAPSI? *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
- Other – specify [textbox]
- None of the above

E5. Which of the following personal benefits occurred 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*

- Completion of my graduate degree was delayed
- Competition was introduced between my research group and the host
- I lost an important career or educational opportunity by participating in EAPSI
- I am more skeptical about international collaboration than before EAPSI
- None of the above

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

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

E9. Would you recommend the EAPSI fellowship to another graduate student seeking an international experience?

Yes → **GOTO E9a**

No → **GOTO E9a**

E9a. Why or why not? [textbox]

E10. Would you recommend your host to another graduate student seeking an international experience?

Yes

No

E11. Would you recommend your host country to another graduate student seeking an international experience?

Yes

No

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

E13. What was the most important contribution of EAPSI 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, then to F6
- Yes, in another type of position → GOTO F1a, then to F2
- No, I am still in graduate school → GOTO F9
- No, I am not in graduate school and not working → GOTO F1a, then to F9

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?

- Yes
- No

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 F3a-d
- No → GOTO F4

- 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. Which of the following work activities occupied at least 10% of your time during a typical week on this job? *Mark Yes or No for each item.* MATCH TO SDR2006 A25

Yes	No	Work activities occupying at least 10% of my time
		Accounting, finance, contracts
		Basic research—study directed toward gaining scientific knowledge primarily for its own sake
		Applied research—study directed toward gaining scientific knowledge to meet a recognized need
		Development – using knowledge gained from research for the production of materials, devices
		Design of equipment, processes, structures, models
		Computer programming, systems or applications development
		Human resources – including recruiting, personnel development, training
		Managing or supervising people or projects
		Production, operations, maintenance (e.g., chip production, operating lab equipment)
		Professional services (e.g., health care, counseling, financial services, legal services)
		Sales, purchasing, marketing, customer service, public relations
		Quality or productivity management
		Teaching
		Other—Specify: [textbox]

F5. 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 F5a  
 No

F5a. 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]

F6. 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]

- F7. Between [year of EAPSI] and [October 1, 2010], did you receive any awards or honors for research?
- Yes → **GOTO F7a**
- No

**F7a for Fellows only: [Declinees SKIP to F7b]**

F7a. Were any of these awards based on research conducted or advanced during your EAPSI fellowship?

- Yes
- No

F7b. 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]

- F8. Between [year of EAPSI] 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.*

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

- F9. Between [year of EAPSI] and [October 1, 2010], have you ever worked in another country?

- Yes → **GOTO F9a**
- No

F9a. For how many years in total did you work in another country? [textbox]

**CURRENT GRADUATE STUDENTS SKIP FROM HERE TO MODULE H**

F10. Between [year of EAPSI application] 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 me?
- Co-sponsor a professional conference with individuals or institutions from another country?
- Communicate with colleagues from other countries?

F11. Between [year of EAPSI application] 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?

F12. Between the conclusion of your EAPSI fellowship 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 F13**
- Yes → **GOTO F12a**
- No, I did not apply for such funding during that period of time → **GOTO F13**
- No, I applied but did not receive such funding → **GOTO F13**

F12a. Was the funding you received between the conclusion of your EAPSI fellowship and [October 1, 2010] as a PI, co-PI, or both?

- PI → answer F12b only
- co-PI → answer F12c only
- Both → answer F12b and F12c

F12b. What was the total awarded amount of the most prestigious single research grant/award you received as **Principal Investigator (PI)**?

*Do not subtract indirect costs taken by your institution.  
Please round to the nearest whole dollar.*

\$ 

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F12c. What was the total awarded amount of the most prestigious single research grant/award you received as **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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F13. At institutions in the United States where you have worked since the end of your EAPSI fellowship, did you do any of the following? *If, since the end of your EAPSI 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 EAPSI fellowship			
I have shared resources (e.g., data, samples, materials) or tools (e.g., algorithms, software, instruments) that I collected developed during my EAPSI 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. Between [year of EAPSI application] 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

F15. 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

## THANK YOU 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