

National Science Foundation EAPSI Advisor 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 participated in NSF's East Asia and Pacific Summer Institutes (EAPSI) program. You are receiving this survey because you are listed in the EAPSI database as the advisor of an EAPSI fellow.

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 approximately 500 other responses.

Completing the Survey

We estimate that it will take approximately 15 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. 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.]

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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 US Advisor Survey

Module A: Basic Information

Before we begin the survey, please confirm the following information

A1a. Based on the information provided in the EAPSI application, your name is [First Name, Middle Name/Initial, Last Name]. Is this information correct? *Mark one answer*

- Yes, the name is correct.
- No, my name has changed or is misspelled above. My name is: [Textbox]
- No, I am not the person named above. I believe you have reached me by mistake.

A1b. Based on the information provided in the EAPSI application, you were the faculty advisor of EAPSI Fellow, [Fellow name]. Is this information correct? *Mark one answer*

- Yes, the Fellow's name is correct.
- No, the Fellow's name is incorrect. The correct name is: [Textbox]
- I have never had a student in the EAPSI program. **EXIT SURVEY.**

A1c. Based on the NSF EAPSI program records, your student, [Fellow name], participated in the EAPSI program in the summer of [Year of EAPSI experience]. Is this information correct? *Mark one answer*

- Yes, the year is correct.
- No, the year is incorrect. The correct year is: [Textbox]
- I don't know or I do not recall

A1d. Based on the NSF EAPSI program records, your student, [Fellow name], participated in the EAPSI program in [name of EAPSI country]. Is this information correct? *Mark one answer*

- Yes, the country is correct.
- No, the country is incorrect. The correct country is: [Textbox]
- I don't know or I don't recall

A1e. Based on the NSF EAPSI program records, your student, [Fellow name], participated in the EAPSI program at [name of institution]. Is this information correct? *Mark one answer*

- Yes, the institution is correct.
- No, the institution is incorrect. The correct institution is: [Textbox]
- I don't know or I don't recall

A1f. Based on the information provided in the EAPSI application, your title at the time of [Fellow name]'s EAPSI experience was [Title]. Is this information correct? *Mark one answer*

- No, the title is incorrect. My correct title at the time was: [Textbox]
- Yes, the title is correct.

A1g. What is your current title?

- Unchanged
- My current title is: [Textbox]

A2. Which of the following is true? *Check all that apply*

- I was a student, a postdoc, a faculty member, or a visiting scientist in the research group or institution which hosted the Fellow
- I was a student, a postdoc, a faculty member, or a visiting scientist in the country which hosted the Fellow
- I was a student, a postdoc, a faculty member, or a visiting scientist in a different foreign country
- I had a collaboration with the faculty member (or researcher) who hosted my student
- I had a collaboration with another faculty member (or researcher) at the host institution
- I had another connection to the institution or the country which hosted the Fellow.
Please specify: [Textbox]

A3. Which of the following characterizes your department? *Check all that apply.*

- My department encourages international collaborations
- Faculty are rewarded for developing international research partnerships
- My department provides financial support to faculty pursuing international collaborations
- My department promotes (i.e., advertises) fellowships for graduate students or postdocs to conduct research in a foreign country
- My department hosts foreign post-docs and faculty visiting my institution for research-related purposes

Module B: Role of Department/Institution in the application to the EAPSI Program

B1. Before your student's application for EAPSI, were you familiar with the EAPSI program?

- Yes
- No
- Cannot recall

B2. At the time of application, did your institution do any of the following to publicize the EAPSI program to graduate students? *Check one response for each row*

	YES	NO	DO NOT RECALL
Providing application information about EAPSI in departmental newsletters, emails, listservs			
Posting EAPSI information and application deadlines on departmental bulletin boards			
Maintaining current EAPSI program information at the student career center			
Holding meetings about EAPSI as an international research opportunity			
Hosting former EAPSI fellows to present their EAPSI experiences to other graduate students			
Other. Please specify: [Textbox]			

B3. At the time of application, what types of support has your department and/or institution provided to graduate students for the EAPSI application process? *Check one response for each row*

	YES	NO	DO NOT RECALL
Locating an appropriate host institution			
Contacting the host institution			
Application editing or submission			
Other. Please specify: [Textbox]			
I do not know			

Module C: Advisor Support for EAPSI Applicant

C1. Did you encourage the Fellow to apply to the EAPSI program?

- Yes [Please skip to question C2]
- No [Please skip to question C4]

C2. What were the reasons you encouraged the Fellow to apply to the EAPSI program? *Check all that apply*

- My own positive experiences collaborating internationally
- The importance of international perspective
- To help the Fellow’s future academic or professional career
- To create more US – international collaborations among researchers
- Other. Please specify: [Textbox]

C3. In your view, did the Fellow achieve the following goals? *Check one response for each row*

	Not at all	Somewhat	Completely	Exceeded my expectations	I cannot recall
To establish or maintain a collaboration with an international researcher					
To advance his/her research agenda					
To be exposed to another country’s research enterprise					
To learn a technique or an approach from the host scientist					
To bring back samples or other resources					
To become familiar with the research enterprise in another country					
To become familiar with the culture and traditions of another country					
Other: [Textbox]					

C4. What aspects of the application process were you involved in? *Check all that apply*

- I suggested a host institution to the applicant
- I recommended the applicant to the host or to someone else at the host's institution
- I worked with the applicant to develop a research project
- I provided feedback on the applicant's proposal
- I provided feedback on the applicant's biographical sketch
- I discussed cultural and language aspects of the host country with the applicant
- Other. Please specify: [Textbox]
- None of the above

Module D: Participation in the program

D1. While the Fellow was at the host institution, did you provide any of the following ongoing support? *Check all that apply*

- I provided academic support (scientific advice, academic planning) to the Fellow
- I worked with the applicant to develop a publication based on research conducted at the host institution
- I facilitated the applicant's research through my contacts with the host institution
- I visited the Fellow at the host institution
- I provided cultural or language support to the Fellow
- Other: [Textbox]

Module E: Benefits to the Fellow's career and to the Advisor

E1. Upon the Fellow's return, which of the following was true? *Check all that apply*

- I assisted the Fellow in preparing a presentation and/or publication on research conducted at the host institution
- I mentored the Fellow on how to integrate the research conducted at the host institution into their research conducted in the U.S.
- I mentored the Fellow to continue work on the EAPSI project
- I provided or helped the Fellow obtain financial support to continue work on the EAPSI project
- I provided guidance on how to maintain the Fellow's professional contacts developed at the host institution
- I helped the Fellow to pursue further international research opportunities
- Other: [Textbox]

E2. Which of the following benefits did you and your group derive as a result of the EAPSI fellowship? *Check all that apply.*

- The Fellow introduced new knowledge, approaches, and/or technical skills to my group
- The Fellow brought back samples or other materials unavailable or not easily accessible outside of the host institution or country
- The Fellow's experience broadened our understanding of research enterprise in the foreign country
- The Fellow helped establish or maintain an important collaboration
- The Fellow made my group and research better known abroad
- The Fellow's experience changed the direction of our research or added a new dimension to our research
- We published papers which resulted from the Fellow's participation in EAPSI
- Other. Please specify. [Textbox]

E3. Please give one example of the most important benefit to you personally or to your research group members that resulted from the EAPSI fellowship. [Textbox]

E4. Were there any of the following negative effects on the Fellow as a result of his/her EAPSI program participation? *Check all that apply*

- The Fellow's degree completion was delayed
- The Fellow became distracted from his/her research project
- There was tension between the Fellow and the others members of my group due to his/her participation in the EAPSI program
- Participation in the program created or deepened competition between my group and the host group
- Methods or ideas that the Fellow brought back to my group were inadequate or erroneous and derailed research progress
- Other. Please specify. [Textbox]

Module F: Benefit of EAPSI to the US department

F1. Have any of the following taken place at your department as a result of the fellows' participation in EAPSI? *Check all that apply*

- Students* in my department became more interested in collaboration with international researchers
- Faculty* in my department became more interested in collaboration with international researchers
- Students* in my department have begun collaborating with international researchers
- Faculty* in my department have begun collaborating with international researchers
- Administration in my department became more supportive of collaboration with international researchers
- Additional policies, procedures, or structures have been put in place at my department to facilitate international collaboration
- Collaborations with international researchers have raised the prestige of my department
- Collaborations with international researchers have helped attract students and other researchers to my department
- Collaborations with international researchers have helped bring funds to my department
- None of the above

F2. Feel free to elaborate on any of the above and/or to provide additional examples of how the fellows' participation in the EAPSI program affected your department. [Textbox]

F3. Do you think there have been any advantages for your department to have students from the department participate in the EAPSI program?

- Yes. Please specify. [Textbox]
- No. Please specify. [Textbox]

Module G: US Advisor and Institution's Current Relationship with Foreign Institutions

G1. Do you currently collaborate with international researchers?

- Yes → GOTO G1a.
- No → GOTO G2

G1a. Who are these collaborators?

- EAPSI fellow's host
- Other researcher(s) in the host country.
- Researcher(s) in other foreign country(ies).

G1b. What is the nature of your international collaborations? *Check all that apply*

	With the Fellow's host	With another researcher in the host country	With a researcher in another foreign country
Co-author papers			
Co-author patent/license applications			
Co-sponsor professional conferences			
Share data or information			
Collaborate on a research project			
Talk about research projects			
Other. Please specify: [Textbox]			

G2. Which of the following are true?

- I visited the host at the host's foreign facility
- The EAPSI host visited me in the US
- A member of the EAPSI host's group visited me in the US or joined my group
- A foreign researcher connected to the EAPSI host, but not in the EAPSI host's group visited me in the US or joined my group
- A foreign researcher connected to the EAPSI host visited or joined another group in my department
- Because of the EAPSI program, I expanded my network of international collaborations in some other way. Please describe [textbox].

G3. Please estimate the number of collaborations that currently exist between the members of your research group (including yourself) and researchers in other countries:

- 0
- 1-5
- 6-10
- >10

G3a. What is the size of your research group including yourself? [Textbox]

G4. Have other members of your group participated in international research programs?

- Yes
- No

Module H: Program Satisfaction

H1. Was the duration of the program appropriate?

- Yes
- No. Please elaborate [textbox]

H2. Was the timing of the program appropriate (during the summer)?

- Yes
- No. Please elaborate [textbox]

H3. Would you recommend or have you recommended the EAPSI program to other students?

Mark one answer

- I have/would recommend the program. Why? [Textbox]
- I have not/would not recommend the program. Why not? [Textbox]
- I am not sure

H4. Has the EAPSI experience made you more or less likely to get involved in international collaboration? *Mark one answer*

- I am more likely to get involved in an international research collaboration
- I am less likely to get involved in an international research collaboration
- The EAPSI experience has not affected my likelihood to get involved in an international research collaboration

H5. Please feel free to share any thoughts or recommendations about EAPSI. [Textbox]

Interview Guide for EAPSI Program Manager in Foreign Location

Thank you for participating in this study. As the representative of [FILL IN NAME OF FOREIGN PARTNER ORGANIZATION], we are interested in your perspectives on the EAPSI fellowship program, and any feedback you might provide to help improve the program.

- *How long have you been working for [NAME OF PARTNER ORGANIZATION]?*
- *How long you have been working with the EAPSI program?*
- *What are your responsibilities for the EAPSI program?*

General questions about the EAPSI program

- *How are responsibilities for running the program divided between your office and the host universities/institutions?*
- *What supports do you provide to the fellows and hosts in terms of resources, equipment, language training?*
- *How are host institutions and faculty members selected to participate in the EAPSI program?*

EAPSI program goals and expectations

- *What are your expectations (goals) of the EAPSI program for your country?*
- *Since you have been involved in the EAPSI program, to what extent has it met these expectations?*
- *One of the goals of the EAPSI program is to increase collaborations between US scientists and foreign scientists? How well do you think the program is accomplishing this goal?*
- *How does participating in the EAPSI program benefit your country? Are there benefits for the hosts? For the Fellows?*

Difficulties that might have arise with the EAPSI program

- *Are there any specific examples of negative aspects of participation in the EAPSI program that stand out in your mind? Prove on difficulties or concerns that arise during the process of matching EAPSI fellows and hosts, during fellowships.*
- *Are there any difficulties or concerns that host scientists express about participating in the program? Can you think of ways these might be addressed?*
- *Are there any difficulties or concerns that Fellows express about participating in the program? Can you think of ways these might be addressed?*

NSF's role in the EAPSI program

- What kinds of communication do you have with NSF and how often? Is the amount of communication with NSF enough for you to implement the EAPSI program? Does NSF share enough information with you and in a timely manner?
- How satisfied are you with the support you have from NSF?
- In what ways could NSF facilitate your country's or your organization's participation in the EAPSI program?

Closing

- What suggestions would you have for improving the EAPSI program?
- Are there aspects of the program that you would keep the same?
- Is there anything else you think it would be helpful for us to know about for our evaluation of the program?

Interview Guide for EAPSI Agency Official in Foreign Location

Thank you for participating in this study. As the representative of [FILL IN NAME OF FOREIGN PARTNER ORGANIZATION], we are interested in your perspectives on the EAPSI fellowship program, and any feedback you might provide to help improve the program.

- *How long have you been working for [PARTNER ORGANIZATION]?*
- *Do you work directly with the EAPSI program? If so, in what role?*

Country's participation in the EAPSI program.

- *[COUNTRY] has been involved in the EAPSI program since [YEAR]: Why did your country initially decide to become involved in the EAPSI program? [If more than 2 years ask:] Are the reasons for continuing to participate in EAPSI different from the initial motivation to participate?*
- *What are the goals of your participation in EAPSI? Are these goals being met? What would you like to see change so that these goals could be better met?*
- *How does the EAPSI program fit into the mission of your agency? Into the scientific research agenda in your country?*
- *From your perspective, what is the value-added (e.g., in terms of resources, expansion of expertise, reputation) of the EAPSI program for the following participants:*
 - *your country;*
 - *your organization;*
 - *the host institutions;*
 - *the host scientists?*
- *Are there any disadvantages to participating in the EAPSI program for the following participants:*
 - *your country;*
 - *your organization;*
 - *the host institutions;*
 - *the host scientists;*
- *Does [NAME OF COUNTRY] participate in programs for visiting graduate students from countries besides the United States? Which country/ies? How is this program similar to and different from EAPSI?*

NSF's role in the EAPSI program.

- *For the NSF, one of the goals of the EAPSI program is to increase US researchers' interest in forming and sustaining international collaborations, such as collaborations with scientists in [COUNTRY]. In your experience, how well do you think the program accomplishes this goal?*

- In what ways could NSF facilitate your country's or your organization's participation in the EAPSI program?
- Are there any changes you would like to see the U.S. National Science Foundation – the EAPSI program sponsor in the U.S. – make to the program?

Closing

- Is there anything else you think it would be helpful for us to know about for our evaluation of the program?

Thank you for taking time out of your day to discuss your experiences with the EAPSI program with me. If you have any questions or concerns that occur to you later on, please feel free to contact me by email at [give email address]. If you would prefer to talk to someone at NSF, you may contact [NSF OFFICIAL] at [NSF OFFICIAL CONTACT INFORMATION].