

ID number \_\_\_\_\_

# **Math and Science Partnership Program**

## ***Survey for MSP Start IHE Participants***

**Sponsored by the  
National Science Foundation**

**Conducted by  
Westat  
1650 Research Boulevard  
Rockville, Maryland 20850**

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## Annual Survey for MSP Start Participants

The National Science Foundation (NSF) is collecting annual information about each of its Math and Science Partnership (MSP) projects. The purpose is to assess the overall implementation of the MSP program and to monitor the progress of individual MSP grants.

This form is designed to obtain information from **each STEM and education faculty member and administrator** who has participated in the MSP Start program. For the purposes of this collection, this includes any STEM or Education faculty member or administrator who was (1) directly supported by the MSP grant, and/or (2) directly participated in the development or implementation of MSP-related activities.

If you have any questions about the MSP Management Information System, please contact:

[TO BE DETERMINED]  
1-800-937-8281, ext. XXXX  
MSPMIS@westat.com

We estimate that it will take approximately 45 minutes of your time to complete this survey.

Thank you in advance for completing this survey.

### INSTRUCTIONS FOR COMPLETING THE SURVEY

Neither NSF nor the Federal Government will maintain names or contact information associated with this survey. However, this information is held by the awardee institution.

Please answer the following questions with the most appropriate response. You may cut and paste text into this system.

As you are completing the survey, please click the Save & Continue button after you respond to each item/set of items. Once an item or item set is saved, you may use the **Question Guide** to return to an item and revise your response. If you exit the system without saving, you will lose any unsaved data.

When you are ready to submit your data to NSF, please click the Submit button at the end of the form. You will no longer have access to this survey after a Final Submit has been made.

## Survey of MSP Start Partners: *IHE Participants*

1. **Identification (ID) Number** (*Pre-filled—to be maintained by project*)

2. **Gender:** (*Check one response*)

- Male
- Female

3. **Which of the following categories describes your ethnicity?** (*Check one response*)

- Hispanic or Latino<sup>1</sup>
- Not Hispanic or Latino

4. **Which of the following categories describes your race?** (*Check one or more*)

- American Indian or Alaska Native<sup>2</sup>
- Asian<sup>3</sup>
- Black or African American<sup>4</sup>
- Native Hawaiian or Other Pacific Islander<sup>5</sup>
- White<sup>6</sup>

5. **Organization Name**<sup>7</sup> (*pre-filled—provided by PI*)

6. **Primary IHE Department:** \_\_\_\_\_

\_\_\_\_\_

<sup>1</sup> Hispanic or Latino: A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.

<sup>2</sup> American Indian or Alaska Native: A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.

<sup>3</sup> Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

<sup>4</sup> Black or African American: A person having origins in any of the black racial groups of Africa.

<sup>5</sup> Native Hawaiian or Other Pacific Islander: A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific islands.

<sup>6</sup> White: A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

<sup>7</sup> After survey has been administered, Westat will code the IHE's Carnegie Classification so that we can identify partners from Tribal Colleges, Historically Black Colleges and Universities, Hispanic Serving Institutions, community colleges and primarily undergraduate institutions.

7. Use the list below to identify your primary fields of research and instruction.

Fields of Research and Instruction	Primary Field of <i>Research</i> (Check <u>one</u> )	Primary Field of <i>Instruction</i> (Check <u>one</u> )
Astronomy	<input type="checkbox"/>	<input type="checkbox"/>
Atmospheric Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Biological Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Chemistry	<input type="checkbox"/>	<input type="checkbox"/>
Computer Science	<input type="checkbox"/>	<input type="checkbox"/>
Education ( <i>specify area of education - from drop-down menu</i> ) <sup>8</sup>	<input type="checkbox"/>	<input type="checkbox"/>
Engineering	<input type="checkbox"/>	<input type="checkbox"/>
Geosciences	<input type="checkbox"/>	<input type="checkbox"/>
Mathematical Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Ocean Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Physics	<input type="checkbox"/>	<input type="checkbox"/>
Not Applicable (e.g., IHE administrators with no primary research or instructional responsibilities)	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify): _____	<input type="checkbox"/>	<input type="checkbox"/>

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<sup>8</sup> Drop-down menu will include the following options: Science, Technology, Engineering and Mathematics (STEM) Education, Early Childhood Education, Elementary Education, Middle Childhood Education, Secondary Education, Special Education, Distance Learning, Educational/Instructional Media Design, Educational Leadership and Administration, Curriculum and Instruction, Counseling and Guidance, Educational Assessment, Evaluation, and Research, Educational Psychology, Social and Philosophical Foundations of Education, and Other.

8. What is your current tenure status? (Check one response)

- Tenured
- On tenure track
- Not on tenure track
- Not applicable to my position/at my institution

9. Which of the following best describes your current title or faculty rank? (Check one response)

- Professor
- Associate Professor
- Assistant Professor
- Instructor
- Lecturer
- Adjunct Faculty
- Administrator with instructional and/or research responsibilities (e.g., deans, department chairs)
- Administrator with no instructional or research responsibilities (e.g., director of research center)
- Other(specify): \_\_\_\_\_
- Not applicable at this institution
- Not applicable for my position

10. Is this the first time you had been involved in efforts to reform or enhance K-12 instructional practices? (Check one response)

- Yes
- No [SKIP to Q12]

11. What is the primary reason that you had not previously participated in K-12 education projects? (Check one response)

- I was not interested in participating in a K–12 education project
- I was unaware of any K–12 education projects that matched my areas of interest or expertise
- My colleagues discouraged me from participating in K–12 education projects
- Institutional or departmental policies on tenure encouraged disciplinary research rather than participation in educational projects
- K–12 education projects were not valued by the institution
- I did not have time to participate
- Other(specify): \_\_\_\_\_

**12. What about NSF's MSP Program encouraged or enabled you to participate in the MSP Start Partnership?** (Check all that apply)

- The focus on improving STEM education
- The activities specifically targeted my areas of research, interest, or expertise
- The opportunity to work with faculty across IHE disciplines
- The opportunity to work directly with K–12 teachers and administrators
- The opportunity to work directly with K–12 students
- The opportunity to improve my own teaching skills
- I had a pre-existing relationship with the Principal Investigator (PI) for the MSP Start project
- I had pre-existing relationships with other faculty/administrators participating in the project
- The time commitment required matched the amount of time I had available
- Other(specify): \_\_\_\_\_

**13. How did you become involved with your MSP Start project?** (Check one response)

- I was invited to participate in the project
- I sought out the opportunity to participate in the project
- I was part of a project team that became the MSP Start project
- Other(specify): \_\_\_\_\_

**14. What has been your primary role on your MSP Start project?**

<b>TEXT BOX</b>
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**15. Which of the following activities have you been involved in on your MSP Start project?** (Check all that apply)

- Conceptualizing and designing the overall approach for the MSP
- Participating in team building activities
- Recruiting others to participate in MSP-related activities
- Developing a formal needs assessment
- Attending colloquia/workshops/seminars/professional development activities
- Developing curriculum/lesson plans
- Developing professional development materials for teacher training
- Developing data collection instruments/procedures
- Analyzing results of state assessments
- Other (specify): \_\_\_\_\_

*(FOR EACH ACTIVITY SELECTED IN Q15)*

**15a. Which other MSP Start participants did you collaborate with on this activity?** (Check all that apply, including participants from your own organization, if applicable)

- The PI for your MSP Start project
- Participants from [LIST ALL PARTNERS FROM ADMIN SCREEN INDIVIDUALLY]
- Participants who are not part of MSP partner organizations (specify): \_\_\_\_\_
- Representatives from other MSP Start projects
- I did not collaborate with other MSP Start participants for this activity.

*(FOR EACH IHE AND K-12 DISTRICT PARTNER SELECTED IN Q15a)*

**15b. Which of the following types of participants from [INSERT PARTNER NAME] did you collaborate with on this activity?** (Check all that apply)

[FOR IHE PARTNERS ONLY]

- STEM faculty members
- Education faculty members
- Administrators (e.g., dean, department chair)

[FOR K-12 DISTRICT PARTNERS ONLY]

- K-12 district administrators/specialists
- K-12 school administrators/specialists
- K-12 teachers
- Parents of K-12 students from schools

**16. What factors facilitated or hindered your ability to conduct MSP Start activities?**

TEXT BOX
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One important purpose of the MSP Start program is to produce knowledge about factors that contribute to the successful development of partnerships. In addressing the following questions, please be candid so that we can provide NSF with information about steps that might be taken to enhance the scope and effectiveness of future MSP partnership efforts.

**17. To what extent did the MSP Start project:** (Check one for each item)

	Not at all	To a moderate extent	To a great extent	Don't know
Establish and maintain effective lines of communication among MSP Start participants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Define <u>your</u> role and responsibilities on the MSP Start initiative?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Inform you of the roles and responsibilities of <u>other members</u> of the MSP Start initiative?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Make effective use of <u>your</u> skills and background?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Make effective use of the skills and background of <u>other members</u> of the MSP Start initiative?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allow all members of the partnership to participate in the conceptualization and design of the MSP Start initiative?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ensure that the opinions and contributions of all members of the partnership were considered and respected?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Instill a shared sense of responsibility and accountability for attaining the goals and desired outcomes of the MSP Start initiative?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



**18. Is there any information you can provide about any of your responses to Q17 that might inform the efforts of future MSP partnerships?**

TEXT BOX

**18. In addition to the factors listed in Q17, what other factors facilitated or hindered the success of your MSP Start partnership? Please explain.**

TEXT BOX

**19. Describe your most significant contribution to the MSP Start project.**

In your answer, indicate (1) what about this contribution makes you consider it “most significant” and (2) how this contribution fit into the overall conduct and impact of the MSP Start project.

TEXT BOX

**20. What advice would you provide to other MSP Start projects that are looking to maximize the engagement of STEM faculty in their K-12 education efforts?**

TEXT BOX

**21. What advice would you provide to other MSP Start projects that are looking to maximize the engagement of K-12 administrators in their K-12 education efforts?**

TEXT BOX

**22. What advice would you provide to other MSP Start projects that are looking to maximize the engagement of K-12 teachers and support staff in their K-12 education efforts?**

TEXT BOX

**23. What advice would you provide to other MSP Start projects that are looking to build or enhance partnerships across multiple sectors to improve K-12 mathematics and science education?**

TEXT BOX