

ID number _____

Math and Science Partnership Program

Survey for MSP Start Principal Investigators

**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 *Principal Investigator*** for an MSP Start project. 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: *Principal Investigator Respondents*

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 Latino¹
- Not Hispanic or Latino

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

- American Indian or Alaska Native²
- Asian³
- Black or African American⁴
- Native Hawaiian or Other Pacific Islander⁵
- White⁶

5. Organization Name⁷ (*pre-filled*)

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

² 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.

³ 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.

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

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

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

⁷ 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.

PIs/Co-PIs located at IHE Partners will answer questions 6-10.
 PIs/Co-PIs located at K12 District Partners will skip to question 11.

6. Primary IHE Department: _____

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

Fields of Research and Instruction	Primary Field of Research (Check one)	Primary Field of Instruction (Check one)
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>) ⁸	<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"/>

⁸ 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. 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 Q10]

9. 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): _____

10. What about NSF’s MSP Program encouraged or enabled you to develop an 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 STEM faculty’s teaching skills as a result of participation
- Other(specify): _____

PIs/Co-PIs located at IHE Partners will skip to question 16.
PIs/Co-PIs located at K12 District Partners answer questions 11-15.

11. What is the designation of the K–12 school(s) or district in which you work?
(Check *one response*)

- Elementary school
- Middle school
- K–8 school
- K–12 school
- Middle/High school
- High school
- Ungraded school (specify): _____
- School district
- Other (specify): _____

12. Which of these do you consider to be your primary position? (Check *one response*.)

- Elementary school teacher
- Middle school teacher
- High school teacher
- Curriculum specialist
- School-wide subject-specific specialist
- District-wide subject-specific specialist
- Department head
- School principal
- School vice principal
- Superintendent
- Other district-level administrator
- District-level specialist (e.g., curriculum specialist)
- Other (specify): _____

13. How many years have you worked in this position at your *current* school (or district)?

- Less than 1 year
- One or more years (specify number): _____

14. How many years total have you worked in this type of position in schools (or districts)?

- Less than 1 year
- One or more years (specify number): _____

15. Is this the first time you have been involved in efforts to work with faculty from colleges or universities to reform or enhance K–12 instructional practices? (Check *one response*.)

- Yes
- No

16. How did you become the PI for this project?

TEXT BOX

17. What have been your primary responsibilities as PI for your MSP Start project?

TEXT BOX

18. 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 Q18)

18a. Which other MSP Start participants did you collaborate with on this activity? (Check all that apply, including participants from your own organization, if applicable)

- 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 Q18a)

18b. 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

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

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