

Telephone Interview Protocol
New, Stayer, Tenured STEM Faculty

Telephone Interview Protocol

New, Stayer, Tenured STEM Faculty

Respondent Name: _____

Institution: _____

Interview Date / Time: _____

Interviewer Name: _____

Opening Statement

We are very interested in STEM faculty members' experience with the MSP program. In particular, we want to know about the factors that affected your decision to begin and continue your involvement with the program.

1. In the first year of the online survey, you indicated that you had not previously been involved in efforts to reform or enhance K-12 instructional practices before the MSP.

- Were you aware of other K-12 education projects before this one? If yes:
 - Why had you not previously participated in K-12 education projects? Did anything prevent you from participating in these previous projects?
 - Was there anything different about the MSP program that encouraged or enabled you to participate in this K-12 education project?
- How did you first hear about the MSP program?
 - When you first heard of the MSP program, was there anything that seemed different about the MSP program compared to other K-12 education projects?
 - Were you contacted about the project, or did you initiate contact? Who initiated the contact (or whom did you contact)? How did this contact occur (e.g., email, telephone, in-person visit)?
 - When did you get involved—i.e., at the beginning of the program (during the planning phase) or after the overall approach was in place?

- What specific strategies did the MSP leadership use to attract you to the MSP program?
- What other strategies might you suggest for future projects?

2. What would you say is or was your role within the project, overall?

- Has your role changed over time? If yes:
 - How has it changed?
 - When did your role change?
 - Why did it change?

3. You indicated on the online surveys that you spent quite a bit of your time on MSP-related work, and participated in preservice, inservice, or management activities (identify specifically from MIS response data).

- How did you become involved in these activities—that is, did you fulfill a specific need, or were you recruited because of your expertise in a given area?
- Which activity involved the greatest time commitment for you?
- Thinking of _____ (specific type of activity). . . [repeat for other activities]
 - What did you do?
 - Has your role in this activity changed over time? If yes, when and why?
 - Do you feel your involvement influenced the scope or conduct of this activity? If, yes, in what ways?
 - Do you feel your involvement in this activity affected *your* research and/or instruction? If, yes, in what ways?

4. What sorts of project support or professional development did you receive through the MSP project to help you with the activities you described?

- When were these offered? Were they ongoing?

- How did you find out about these supports? Were they offered to all faculty involved with the MSP?
- What part of the supports or professional development was most effective for you?
- Do you think these supports or professional development could be improved?
- Are there other forms of support that would have helped you contribute to the MSP?

5. Did you collaborate with [or interact with] faculty at *your own* institution as part of the MSP project? If yes:

- Did your interaction with these faculty members affect your decision to continue participating with the MSP?
- Who did you work with?
- What did you do with these faculty members?
- What were their disciplines—e.g., STEM, education, other?
- Had you collaborated with [or even known] these faculty members prior to MSP?
- How were you initially put in touch with these faculty members?
- Are you still collaborating with [or in contact with] these faculty members—as part of the MSP and/or outside of the MSP?

6. Did you collaborate with [or interact with] faculty at *other institutions* as part of the MSP project? If yes:

- Did your interaction with these faculty members affect your decision to continue participating with the MSP?
- Who did you work with?
- What did you do with these faculty members?
- What were their disciplines—e.g., STEM, education, other?
- Had you collaborated with [or even known] these faculty members prior to MSP?
- How were you initially put in touch with these faculty members?

- Are you still collaborating with [or in contact with] these faculty members—as part of the MSP and/or outside of the MSP?

7. As someone new to K-12 education projects, were you mentored in any way by other faculty?

- If YES:
 - Who provided this mentoring?
 - When was this mentoring provided—e.g., when you first began in MSP?
 - What specific topics/themes were covered?
 - Were these interactions structured as part of the MSP?
 - How was this mentoring provided—e.g., via face-to-face interactions, email?
 - Was this mentoring provided to other faculty participating in MSP?
 - How did this mentoring affect your decision to continue your involvement with the MSP?
- If NO:
 - Would such mentoring have been useful? If so, how and in what topics?
 - Did other faculty participating in MSP receive such mentoring?

7b. Did you mentor other faculty in any way as part of this MSP?

- If YES:
 - Had you ever served as a mentor before?
 - Whom did you mentor? [discipline, experience with K-12 education, tenure status]
 - Why did this person need mentoring?
 - Were others mentored as part of the MSP?
 - If yes, who mentored them?
 - When did you provide the mentoring for this person?

- What specific topics/themes were covered?
- Were these interactions structured as part of the MSP?
- How was this mentoring provided—e.g., via face-to-face interactions, email?
- What impact did mentoring have on your mentee?
- If NO:
 - Did other MSP faculty serve as mentors?
 - Were you asked to mentor another faculty?
 - If no, would you have served as a mentor?
 - If yes, why did you choose not to serve as a mentor?

8. Did you collaborate with any K-12 district or school staff? If yes:

- Who did you collaborate with (title, grade level, and subject area)?
- What types of activities did you collaborate on?
- How did you get involved with these individuals?
- How well do you think this collaboration worked? (Follow up to probe what may have worked well and poorly, and why)
- Did your interaction with the school personnel affect your decision to continue participating with the MSP?
- Are you still collaborating with [or in contact with] these school personnel—as part of the MSP and/or outside of the MSP?

9. Did you provide direct services to any K-12 district or school staff? If yes:

- What services did you provide to (title, grade level, and subject area)?
- What types of services did you provide?
- What were the outcomes of these services? Do you feel you were able to meet your goals?

- How did you get involved with these individuals?
- If you worked with multiple grade levels, what were the differences between these levels
 - In their needs?
 - In your extent and type of involvement?
- Did your work with these schools affect your decision to continue participating with the MSP?

10. In the online survey, you reported that the number of hours you spent on MSP activities (increased/decreased/stayed the same) from your first year to the most recent year.

- If increased—What factors contributed to that increase?
 - What does this increase mean in terms of the scope and quality of your contribution?
- If decreased—What factors contributed to that decrease?
 - What does this decrease mean in terms of the scope and quality of your contribution?
- If stayed the same—While the extent of your involvement did not change, did the scope and quality of your contribution change?

11. In the online survey, you stated that your most significant contribution was _____.
[see MIS response]

- What about this activity made you consider it “most significant?”
- How do you think your most significant contribution fit into the overall conduct of the project?

12. In the online survey, you were asked about the influence of the MSP on your knowledge, especially related to your teaching or your research.

- You responded with: _____. [see MIS response]
 - Thinking about it now, do you still think this has been the greatest influence of MSP involvement for you?

- If not, what is the greatest influence and what makes your response different now?
- **Did your involvement with the MSP influence your teaching practices?**
 - If so, please describe a specific change that took place.
- Of your experiences with MSP, which affected your teaching most? Which affected your research most?

13. Now, at the beginning of the MSP project you indicated that you had tenure at your institution.

- Did your status as a tenured faculty affect your decision to participate in the project?
- If you were not yet tenured, would concerns over tenure have affected your participation with the project?
- Were your efforts with the MSP project recognized? Within your institution? Within your department? Did this affect your decision to continue your involvement with the MSP project?

14. Did you engage in (or are you currently engaged in) any *research* related to the MSP project, either directly or that grew out of the MSP?

- Did this line of research exist prior to the MSP?
- Did the MSP involvement help create this line of research?
- Did the MSP inform this line of research?
- To what extent did this line of research fit into your department's goals or expectations?
- Did you conduct any STEM education research prior to your involvement with the MSP?
- Did research opportunities affect your decision to continue participating with the MSP?

15. Do you feel that your disciplinary background influenced your involvement with the MSP project?

- Did the overall focus of the project relate to your discipline?
- Did the activities you carried out with the project reflect your content expertise?

- Did your involvement differ from faculty in other disciplines?

16. From your experience, was the leadership at your Institution—such as department Chair, Dean, Provost, or President—aware of the MSP?

- Did you perceive any differences in how Institutional leadership viewed faculty involvement with MSP?
 - If so, how did they differ?
- Who was most enthusiastic about the MSP?
- Who did not encourage your participation in the MSP?
- Did this affect your decision to continue your involvement with the MSP project?

17. Was your decision to participate in the MSP influenced by information from professional societies or discussions at meetings of professional societies—either disciplinary (such as ABA, AIP, ACS, etc.), or educational (such as NCTM, NSTA, ASTE, NARST)?

- If so, how?
- Did you communicate with other society members about your involvement with the MSP?
- Will you become/remain involved with any of these professional societies after the MSP ends?

18. Would you want to be engaged in similar K-12 education projects in the future?

19. How effective do you feel the MSP project has been? Based on what evidence?

20. Would you recommend that other faculty (e.g., STEM, new faculty, tenure track faculty) participate in MSP [or K-12 education efforts]?

- Are there any type of faculty that you would recommend not participate in MSP [or K-12 education efforts]? Why?

- Would you counsel tenure-track faculty to engage in activities like this? [if not addressed]

21. What advice would you provide to other STEM faculty who are thinking about participating in K-12 education efforts such as the MSP program?

22. What advice would you provide to other IHEs that are looking to engage STEM faculty in K-12 education efforts?

Telephone Interview Protocol
New, Leaver, Tenured STEM Faculty

Telephone Interview Protocol

New, Leaver, Tenured STEM Faculty

Respondent Name: _____

Institution: _____

Interview Date / Time: _____

Interviewer Name: _____

Opening Statement

We are very interested in STEM faculty members' experience with the MSP program. In particular, we want to know about the factors that affected your decision to discontinue your involvement with the program.

1. According to data reported by the MSP project for the 2005-2006 academic year, you were no longer involved with the MSP project.

- Is that correct?
 - If no, how were you involved during this academic year?

2. In the first year of the online survey, you indicated that you had not been involved in efforts to reform or enhance K-12 instructional practices before the MSP.

- Were you aware of other K-12 education projects before this one? If yes:
 - Why had you not previously participated in K-12 education projects? Did anything prevent you from participating in these previous K-12 education efforts?
 - Was there anything different about the MSP program that encouraged or enabled you to participate in this K-12 education effort?
- How did you first hear about the MSP program?
 - When you first heard of the MSP program, was there anything that seemed different about the MSP program compared to your other K-12 education efforts?

- Were you contacted about the project, or did you initiate contact? Who initiated the contact (or whom did you contact)? How did this contact occur (e.g., email, telephone, in-person visit)?
- When did you get involved—i.e., at the beginning of the program (during the planning phase) or after the overall approach was in place?
- What specific strategies did the MSP leadership use to attract you to the MSP program?
- What other strategies might you suggest for future projects?

3. What would you say was your role within the project, overall?

- Did your role change over time? If yes:
 - How did it change?
 - When did your role change?
 - Why did it change?

4. You indicated on the online surveys that you spent quite a bit of your time on MSP-related work, and participated in preservice, inservice, or management activities (identify specifically from MIS response data).

- How did you become involved in these activities—that is, did you fulfill a specific need, or were you recruited because of your expertise in a given area?
- Which activity involved the greatest time commitment for you?
- Thinking of _____ (specific type of activity). . . [repeat for other activities]
 - What did you do?
 - Did your role in this activity change over time? If yes, when and why?
 - Do you feel your involvement influenced the scope or conduct of this activity? If, yes, in what ways?
 - Do you feel your involvement in this activity affected *your* research and/or instruction? If, yes, in what ways?

5. Did you receive any project support or professional development through the MSP project to help you with the activities you described?

- If yes:
 - When were these offered? Were they ongoing?
 - How did you find out about these supports? Were they offered to all faculty involved with the MSP?
 - What part of the supports or professional development was most effective for you?
 - Do you think these supports or professional development could be improved?
 - Are there other forms of support that would have helped you contribute to the MSP?
- If no supports or professional development were provided:
 - Would project support or professional development have influenced your decision to discontinue involvement with the MSP?
 - What sorts of project support or professional development would have been helpful for you?

6. Did you collaborate with [or interact with] faculty at *your own* institution as part of the MSP project? If yes:

- Did your interaction with these faculty members affect your decision to discontinue your involvement with the MSP?
- Who did you work with?
- What did you do with these faculty members?
- What were their disciplines—e.g., STEM, education, other?
- Had you collaborated with [or even known] these faculty members prior to MSP?
- How were you initially put in touch with these faculty members?
- Are you still collaborating with [or in contact with] these faculty members—as part of the MSP and/or outside of the MSP?

- If NO:
 - Would collaboration with other faculty at your institution have affected your decision to discontinue your involvement with the MSP?

7. Did you collaborate with [or interact with] faculty at *other institutions* as part of the MSP project? If yes:

- Did your interaction with these faculty members affect your decision to continue participating with the MSP?
- Who did you work with?
- What did you do with these faculty members?
- What were their disciplines—e.g., STEM, education, other?
- Had you collaborated with [or even known] these faculty members prior to MSP?
- How were you initially put in touch with these faculty members?
- Are you still collaborating with [or in contact with] these faculty members—as part of the MSP and/or outside of the MSP?
- If no:
 - Would collaboration with other faculty at your institution have affected your decision to discontinue your involvement with the MSP?

8. As someone new to K-12 education projects, were you mentored in any way by other faculty?

- If YES:
 - Who provided this mentoring?
 - When was this mentoring provided—e.g., when you first began in MSP?
 - What specific topics/themes were covered?
 - Were these interactions structured as part of the MSP?
 - How was this mentoring provided—e.g., via face-to-face interactions, email?

- Was this mentoring provided to other faculty participating in MSP?
- How did this mentoring affect your decision to continue your involvement with the MSP?
- If NO:
 - Would such mentoring have been useful? If so, how and in what topics?
 - Did other faculty participating in MSP receive such mentoring?

8b. Did you mentor other faculty in any way as part of this MSP?

- If YES:
 - Had you ever served as a mentor before?
 - Whom did you mentor? [discipline, experience with K-12 education, tenure status]
 - Why did this person need mentoring?
 - Were others mentored as part of the MSP?
 - If yes, who mentored them?
 - When did you provide the mentoring for this person?
 - What specific topics/themes were covered?
 - Were these interactions structured as part of the MSP?
 - How was this mentoring provided—e.g., via face-to-face interactions, email?
 - What impact did mentoring have on your mentee?
- If NO:
 - Did other MSP faculty serve as mentors?
 - Were you asked to mentor another faculty?
 - If no, would you have served as a mentor?
 - If yes, why did you choose not to serve as a mentor?

9. Did you collaborate with any K-12 district or school staff? If yes:

- Who did you collaborate with (title, grade level, and subject area)?
- What types of activities did you collaborate on?
- How did you get involved with these individuals?
- How well do you think this collaboration worked? (Follow up to probe what may have worked well and poorly, and why)
- Did your interaction with the school personnel affect your decision to continue participating with the MSP?
- Are you still collaborating with [or in contact with] these school personnel—as part of the MSP and/or outside of the MSP?

10. Did you provide direct services to any K-12 district or school staff? If yes:

- What services did you provide to (title, grade level, and subject area)?
- What types of services did you provide?
- What were the outcomes of these services? Do you feel you were able to meet your goals?
- How did you get involved with these individuals?
- If you worked with multiple grade levels, what were the differences between these levels
 - In their needs?
 - In your extent and type of involvement?
- Did your work with these schools affect your decision to continue participating with the MSP?

11. In the online survey, you reported that the number of hours you spent on MSP activities (increased/decreased/stayed the same) from your first year to the most recent year.

- If increased—What factors contributed to that increase?
 - What does this increase mean in terms of the scope and quality of your contribution?

- If decreased—What factors contributed to that decrease?
 - What does this decrease mean in terms of the scope and quality of your contribution?
- If stayed the same—While the extent of your involvement did not change, did the scope and quality of your contribution change?

12. In the online survey, you stated that your most significant contribution was _____.
[see MIS response]

- What about this activity made you consider it “most significant?”
- How do you think your most significant contribution fit into the overall conduct of the project?

13. In the online survey, you were asked about the influence of the MSP on your knowledge, especially related to your teaching or your research.

- You responded with: _____. [see MIS response]
 - Thinking about it now, do you still think this has been the greatest influence of MSP involvement for you?
 - If not, what is the greatest influence and what makes your response different now?
- **Did your involvement with the MSP influence your teaching practices?**
 - If so, please describe a specific change that took place.
- Of your experiences with MSP, which affected your teaching most? Which affected your research most?

14. Now, at the beginning of the MSP project you indicated that you had tenure at your institution.

- Did your status as a tenured faculty affect your decision to participate in the project?
- If you were not yet tenured, would concerns over tenure have affected your participation with the project?

- Were your efforts with the MSP project recognized? Within your institution? Within your department? Did this affect your decision to continue your involvement with the MSP project?

15. Did you engage in (or are you currently engaged in) any *research* related to the MSP project, either directly or that grew out of the MSP?

- Did this line of research exist prior to the MSP?
- Did the MSP involvement help create this line of research?
- Did the MSP inform this line of research?
- To what extent did this line of research fit into your department's goals or expectations?
- Did you conduct any STEM education research prior to your involvement with the MSP?
- Did research opportunities affect your decision to discontinue your involvement with the MSP?

16. Do you feel that your disciplinary background influenced your involvement with the MSP project?

- Did the overall focus of the project relate to your discipline?
- Did the activities you carried out with the project reflect your content expertise?
- Did your involvement differ from faculty in other disciplines?

17. From your experience, was the leadership at your Institution—such as department Chair, Dean, Provost, or President—aware of the MSP?

- Did you perceive any differences in how Institutional leadership viewed faculty involvement with MSP?
 - If so, how did they differ?
- Who was most enthusiastic about the MSP?
- Who did not encourage your participation in the MSP?
- Did this affect your decision to discontinue your involvement with the MSP project?

18. Was your decision to participate in the MSP influenced by information from professional societies or discussions at meetings of professional societies—either disciplinary (such as ABA, AIP, ACS, etc.), or educational (such as NCTM, NSTA, ASTE, NARST)?

- If so, how?
- Did you communicate with other society members about your involvement with the MSP?
- Will you become/remain involved with any of these professional societies after the MSP ends?

19. Would you want to be engaged in similar K-12 education projects in the future?

20. How effective do you feel the MSP project has been? Based on what evidence?

21. Are there other factors, not yet discussed, that affected your decision to discontinue your involvement with the MSP?

22. Would you recommend that other faculty (e.g., STEM, new faculty, tenure track faculty) participate in MSP [or K-12 education efforts]?

- Are there any type of faculty that you would recommend not participate in MSP [or K-12 education efforts]? Why?
- Would you counsel tenure-track faculty to engage in activities like this? [if not addressed]

23. What advice would you provide to other STEM faculty who are thinking about participating in K-12 education efforts such as the MSP program?

24. What advice would you provide to other IHEs that are looking to engage STEM faculty in K-12 education efforts?

Telephone Interview Protocol
Vet Tenure-Achiever STEM Faculty

Telephone Interview Protocol

Vet Tenure-Achiever STEM Faculty

Respondent Name: _____

Institution: _____

Interview Date / Time: _____

Interviewer Name: _____

Opening Statement

We are very interested in STEM faculty members' experience with the MSP program. In particular, we want to know about the factors that affected your decision to begin and continue your involvement with the program.

1. In the first year of the online survey, you indicated that you were involved in efforts to reform or enhance K-12 instructional practices prior to participating in the MSP.

- Aside from the MSP, in what other K-12 education efforts had you participated?
- How did you first hear about the MSP program?
 - When you first heard of the MSP program, was there anything that seemed different about the MSP program compared to your other K-12 education efforts?
 - Were you contacted about the project, or did you initiate contact? Who initiated the contact (or whom did you contact)? How did this contact occur (e.g., email, telephone, in-person visit)?
 - When did you get involved—i.e., at the beginning of the program (during the planning phase) or after the overall approach was in place?
 - What specific strategies did the MSP leadership use to attract you to the MSP program?
 - What other strategies might you suggest for future projects?

2. What would you say is or was your role within the project, overall?

- Has your role changed over time? If yes:
 - How has it changed?
 - When did your role change?
 - Why did it change?

3. You indicated on the online surveys that you spent quite a bit of your time on MSP-related work, and participated in preservice, inservice, or management activities (identify specifically from MIS response data).

- How did you become involved in these activities—that is, did you fulfill a specific need, or were you recruited because of your expertise in a given area?
- Which activity involved the greatest time commitment for you?
- Thinking of _____ (specific type of activity). . . [repeat for other activities]
 - What did you do?
 - Has your role in this activity changed over time? If yes, when and why?
 - Do you feel your involvement influenced the scope or conduct of this activity? If, yes, in what ways?
 - Do you feel your involvement in this activity affected *your* research and/or instruction? If, yes, in what ways?

4. Did you receive project support or professional development through the MSP project to help you with the activities you described?

- When were these offered? Were they ongoing?
- How did you find out about these supports? Were they offered to all faculty involved with the MSP?
- What part of the supports or professional development was most effective for you?
- Do you think these supports or professional development could be improved?
- Are there other forms of support that would have helped you contribute to the MSP?

5. Did you collaborate with [or interact with] faculty at *your own* or *other* institutions as part of the MSP project? If yes:

- Did your interaction with these faculty members affect your decision to continue participating with the MSP?
- With whom did you work?
- What did you do with these faculty members?
- What were their disciplines—e.g., STEM, education, other?
- Had you collaborated with [or even known] these faculty members prior to MSP?
- How were you initially put in touch with these faculty members?
- Are you still collaborating with [or in contact with] these faculty members—as part of the MSP and/or outside of the MSP?

6. Were you mentored in any way by other faculty with the MSP?

- If YES:
 - Who provided this mentoring?
 - When was this mentoring provided—e.g., when you first began in MSP?
 - What specific topics/themes were covered?
 - Were these interactions structured as part of the MSP?
 - How was this mentoring provided—e.g., via face-to-face interactions, email?
 - Was this mentoring provided to other faculty participating in MSP?
 - How did this mentoring affect your decision to continue your involvement with the MSP?
- If NO:
 - Would such mentoring have been useful? If so, how and in what topics?
 - Did other faculty participating in MSP receive such mentoring?

6b. As a person with prior experience in K-12 education projects, did you mentor other faculty in any way as part of this MSP?

- If YES:
 - Had you ever served as a mentor before?
 - Whom did you mentor? [discipline, experience with K-12 education, tenure status]
 - Why did this person need mentoring?
 - Were others mentored as part of the MSP?
 - If yes, who mentored them?
 - When did you provide the mentoring for this person?
 - What specific topics/themes were covered?
 - Were these interactions structured as part of the MSP?
 - How was this mentoring provided—e.g., via face-to-face interactions, email?
 - What impact did mentoring have on your mentee?
- If NO:
 - Did other MSP faculty serve as mentors?
 - Were you asked to mentor another faculty?
 - If no, would you have served as a mentor?
 - If yes, why did you choose not to serve as a mentor?

7. Did you collaborate with any K-12 district or school staff? If yes:

- With whom did you collaborate (title, grade level, and subject area)?
- What types of activities did you collaborate on?
- How did you get involved with these individuals?
- How well do you think this collaboration worked? (Follow up to probe what may have worked well and poorly, and why)

- Did your interaction with the school personnel affect your decision to continue participating with the MSP?
- Are you still collaborating with [or in contact with] these school personnel—as part of the MSP and/or outside of the MSP?

8. Did you provide direct services to any K-12 district or school staff? If yes:

- What services did you provide to (title, grade level, and subject area)?
- What types of services did you provide?
- What were the outcomes of these services? Do you feel you were able to meet your goals?
- How did you get involved with these individuals?
- If you worked with multiple grade levels, what were the differences between these levels
 - In their needs?
 - In your extent and type of involvement?
- Did your work with these schools affect your decision to continue participating with the MSP?

9. In the online survey, you reported that the number of hours you spent on MSP activities (increased/decreased/stayed the same) from your first year to the most recent year.

- If increased—What factors contributed to that increase?
 - What does this increase mean in terms of the scope and quality of your contribution?
- If decreased—What factors contributed to that decrease?
 - What does this decrease mean in terms of the scope and quality of your contribution?
- If stayed the same—While the extent of your involvement did not change, did the scope and quality of your contribution change?

10. In the online survey, you stated that your most significant contribution was _____.
[see MIS response]

- What about this activity made you consider it “most significant?”
- How do you think your most significant contribution fit into the overall conduct of the project?

11. In the online survey, you were asked about the influence of the MSP on your knowledge, especially related to your teaching or your research.

- You responded with: _____. [see MIS response]
 - Thinking about it now, do you still think this has been the greatest influence of MSP involvement for you?
 - If not, what is the greatest influence and what makes your response different now?
- **Did your involvement with the MSP influence your teaching practices?**
 - If so, please describe a specific change that took place.
- Of your experiences with MSP, which affected your teaching most?

12. Now, in the online survey, your responses indicated that you achieved tenure at your institution during your MSP involvement.

- Thinking back to when you began your participation with the project, did you have any expectations of how participation would affect your tenure review?
 - Did any of your colleagues give you any advice as to whether they thought participation with MSP might be helpful or harmful in your review?
- What effect, if any, did your involvement with the MSP have on your tenure review?
 - For example, did it provide additional support for your application?
 - Did you request additional time to prepare your dossier because of the MSP?
- Were your efforts with the MSP project recognized within your institution or your department? Did this affect your decision to continue your involvement with the MSP project?
- Did the MSP project leadership provide any direct support for your tenure review?

- Given your status seeking tenure, is there anything more that the department or the MSP project could have done to facilitate the review process?

13. Did you engage in (or are you currently engaged in) any *research* related to the MSP project, either directly or that grew out of the MSP? If yes:

- Did this line of research exist prior to the MSP?
- Did the MSP involvement help create this line of research?
- Did the MSP inform this line of research?
- To what extent did this line of research fit into your department's goals or expectations?
- Did you conduct any STEM education research prior to your involvement with the MSP?
- Did research opportunities affect your decision to continue participating with the MSP?
- Overall, did your experiences with the MSP affect your research? If yes,
 - Which experience with MSP affected your research most?
- Did these research opportunities fit into your tenure review dossier?

14. Do you feel that your disciplinary background influenced your involvement with the MSP project?

- Did the overall focus of the project relate to your discipline?
- Did the activities you carried out with the project reflect your content expertise?
- Did your involvement differ from faculty in other disciplines?

15. From your experience, was the leadership at your Institution—such as department Chair, Dean, Provost, or President—aware of the MSP?

- Did you perceive any differences in how Institutional leadership viewed faculty involvement with MSP?
 - If so, how did they differ?
- Who was most enthusiastic about the MSP?

- Who did not encourage your participation in the MSP?
- Did this affect your decision to continue your involvement with the MSP project?

16. Was your decision to participate in the MSP influenced by information from professional societies or discussions at meetings of professional societies—either disciplinary (such as ABA, AIP, ACS, etc.), or educational (such as NCTM, NSTA, ASTE, NARST)?

- If so, how?
- Did you communicate with other society members about your involvement with the MSP?

17. Would you want to be engaged in similar K-12 education projects in the future?

18. How effective do you feel the MSP project has been? Based on what evidence?

19. Would you recommend that other faculty participate in MSP [or K-12 education efforts]?

- Are there any type of faculty that you would recommend not participate in MSP [or K-12 education efforts]? Why?
- Would you counsel tenure-track faculty to engage in activities like this? [if not addressed]
- What advice would you provide to other STEM faculty who are thinking about participating in K-12 education efforts such as the MSP program?

20. What advice would you provide to other IHEs that are looking to engage STEM faculty in K-12 education efforts?