Following are: (1) text for an email to be sent from a contractor to respondents (principal investigators and co-principal investigators) with a request that they complete a brief online survey; and (2) the wording of the five items to be included in this online survey. The purpose of the survey is to provide information for the development of the agenda for the NSF Directorate for Education and Human Resources (EHR) Core Research (ECR) program's 2020 virtual investigator meeting.

In preparation for the upcoming virtual meeting of investigators supported by NSF's EHR Core Research (ECR) program, we are asking for your input through a short survey about the meeting's topics.

As a reminder, our firm, AEIO, is working with NSF on plans for this investigator meeting, which will take place virtually Monday November 30th and Tuesday December 1st, beginning around noon and concluding by 5:30pm Eastern Time each day.

While participation in the survey is voluntary and should take about six minutes to complete, your insights will be invaluable in ensuring the meeting serves the needs of all the STEM education research communities that ECR supports. Please [follow/click on] the URL below to share your thoughts before [CLOSING DATE OF SURVEY]. A federal agency may not conduct or sponsor a collection of information unless it displays a currently valid OMB control number; the number for this is 3145-0215.

On behalf of the NSF and AEIO team, thank you in advance for your participation. We look forward to welcoming you to the investigator meeting!

PI meeting topics

Q1. The ECR investigator meeting provides an opportunity for projects to share emerging evidence with promise to address current issues in STEM education. Please indicate which of the following proposed concurrent session topics you would be interested in attending. *Please check all that apply*.

Topic number	Topic	I would definitely attend	I might attend	I would not attend
1	Design & validation of new modalities of educational delivery			
2	Developing and testing new methodologies for STEM education research, synthesis, and evaluation			
3	Educational neuroscience projects focused on aspects of STEM learning			
4	Fundamental discipline-based education research focused on undergraduate and graduate STEM education			
5	Fundamental research on diversity, equity, inclusion, and the STEM workforce			

Topic number	Topic	I would definitely attend	I might attend	I would not attend
6	Fundamental research for workforce development			
7	Innovations in virtual and personalized learning for the STEM workforce			
8	Learning about learning in new educational settings			
9	Math cognition			
10	Methodologies and assessment of STEM learning in cyberspace			
11	Motivation, persistence, mindsets, and learning in a digital world			
12	New pathways to STEM and STEM education careers			
13	Partnering with communities: toward more inclusive STEM research			
14	The future of STEM education			
15	Other *Please specify* _____			

Q2. One of NSF's major goals for this meeting is to provide investigators with opportunities to showcase their work. All investigators will be given an opportunity to contribute to a virtual poster hall. *(Additional information about the virtual poster hall, and how you can use the hall to share information about and interact with others around your ECR-supported work, will be distributed separately.)*

If you would **also** be interested in sharing information about your project in a panel or a concurrent 'break-out' session on one of the following topics, please let us know by noting in the spaces provided (a) your award number, and (b) an email address where NSF can contact you if your work can be featured in the program.

Topic number	Topic	Award number	Investigator e-mail address
1	Design & validation of new modalities of educational delivery		
2	Developing and testing new methodologies for STEM education research, synthesis, and evaluation		
3	Educational neuroscience projects focused on aspects of STEM learning		
4	Fundamental discipline-based education research focused on undergraduate and graduate STEM education		
5	Fundamental research on diversity, equity,		

Topic number	Topic	Award number	Investigator e-mail address
	inclusion, and the STEM workforce		
6	Fundamental research for workforce development		
7	Innovations in virtual and personalized learning for the STEM workforce		
8	Learning about learning in new educational settings		
9	Math cognition		
10	Methodologies and assessment of STEM learning in cyberspace		
11	Motivation, persistence, mindsets, and learning in a digital world		
12	New pathways to STEM and STEM education careers		
13	Partnering with communities: toward more inclusive STEM research		
14	The future of STEM education		
15	Other *Please specify* _____		

Q3. Another of NSF's goals for this meeting is to provide updates on the ECR program and other funding opportunities. What kinds of information would you find particularly helpful in this regard? *Please check all that apply.*

____ Information on the ECR program overall
____ Information on the ECR:BCSER (Building Capacity in STEM Education Research) competition; e.g.,
  ____ Individual investigator development in STEM education research
  ____ Institutes in Research Methods
____ Information on the ECR core research competition and/or its associated Dear Colleague Letters; e.g.,
  ____ Developing and testing new methodologies for STEM learning Research, research syntheses, and evaluation
  ____ Fundamental discipline-based education research focused on Undergraduate and graduate STEM education
  ____ Fundamental research on equity, inclusion, and ethics in Postsecondary academic workplaces and the academic profession
  ____ Research to improve STEM teaching and learning, and workforce Development for persons with disabilities
  ____ STEM workforce development utilizing flexible personal learning environments
____ Guidance on developing compelling proposals
____ Information on other EHR programs
  *Please specify*_____

Q4. Are there any other issues you would like the investigator meeting to address? *Please use the space below to share your thoughts*.

About your ECR-supported work

Q5. ECR supports several strands of fundamental STEM education research initiatives and projects that build capacity to conduct such research. Please let us know what kind(s) of ECR project you are currently conducting. *Please check all that apply*.

____ **ECR core research** (a proposal submitted to NSF 13-555, NSF 15-509, or NSF 19-508)
____ **ECR: BCSER** (Building Capacity for STEM Education Research; a Proposal submitted to NSF 19-565 or NSF 20-521)
____ **ECR: PEER** (Production Engineering Education and Research; a proposal submitted to NSF 19-557)
____ A **CAREER** award supported by the ECR program.
____ Other
Please specify: _____

Thank you for your input.
We look forward to seeing you November 30th & December 1st.