NSF Invites Grant Proposals for Studying Personalized Learning in the STEM Workforce

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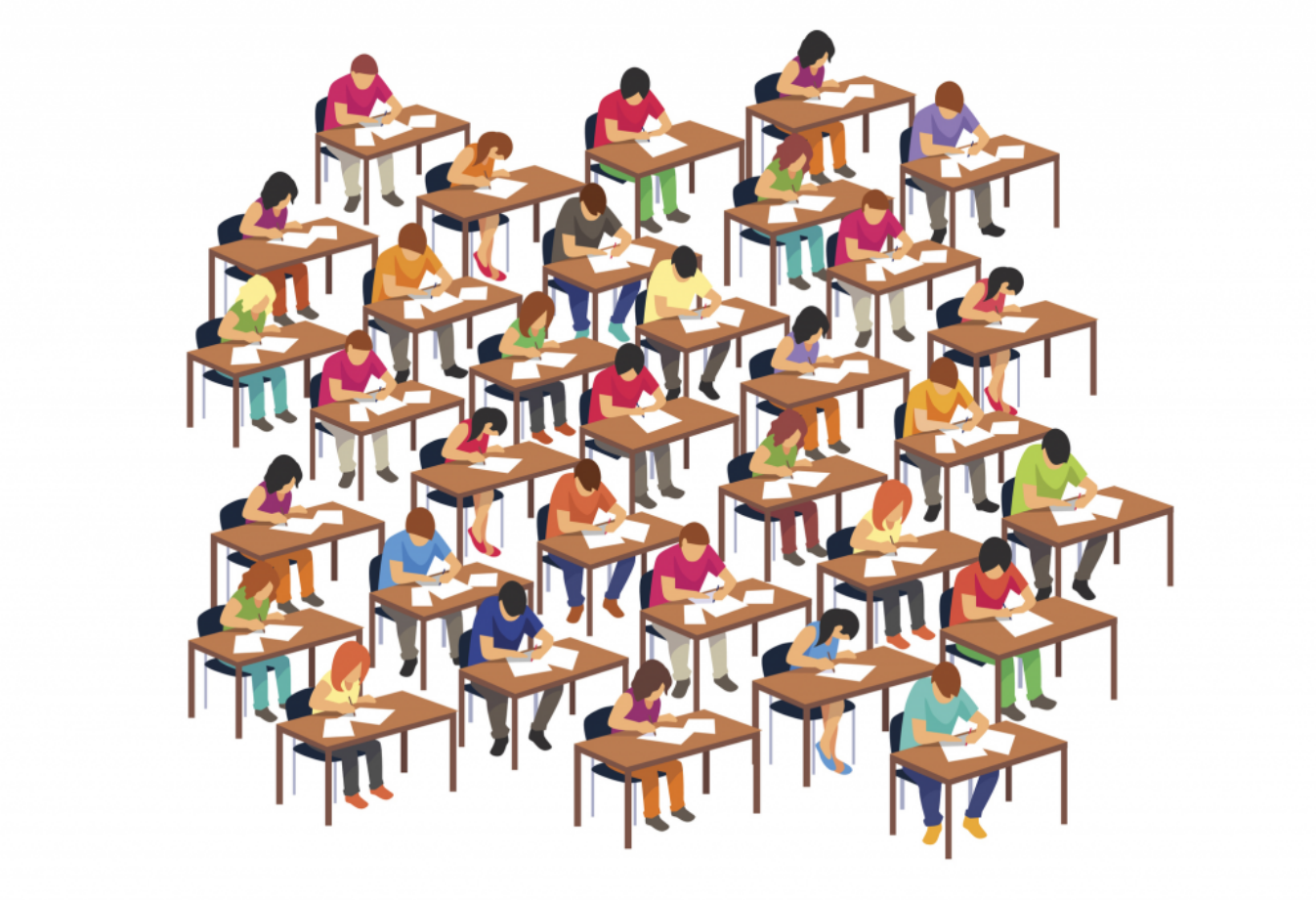

In a new Dear Colleague Letter, the National Science Foundation expresses interest in receiving new proposals and supplemental funding requests to support flexible personalized learning to prepare the science, technology, engineering, and mathematics (STEM) workforce.

“NSF seeks proposals that will broadly inform development of personalized learning systems or generalize the research results generated during the deployment of online courses. This could be accomplished either by using the data generated by those systems or by studying the systems themselves. NSF encourages innovative educational research and development proposals that will help the nation educate the STEM workforce of the future,” says NSF in the DCL (NSF 19-025).

According to NSF, proposals might address topics in psychological science which include (but are not limited to):

- effective design of personalized learning systems for STEM education at any level
- factors that increase persistence, motivation, self-efficacy, and retention of learners

- the design of educational interventions that meet workplace expectations for knowledge and competencies
- measuring the effectiveness of these interventions for different audiences

Psychological scientists wishing to respond to NSF's letter should do so by engaging one of the many NSF programs mentioned in the letter. These programs include the Education and Human Resources Core Research, Cyberlearning for Work at the Human-Technology Frontier, and the Secure and Trustworthy Cyberspace program, to name several.

> To learn more about NSF's request for new proposals related to flexible personalized learning, click here.