



## CREATIVE SCIENTIFIC INQUIRY EXPERIENCE: Developing Integrated Science Curriculum

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## Creative Scientific Inquiry Experience Faculty Fellow Institute

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The Creative Scientific Inquiry Experience (CSIE) Program is accepting applications for Fall and Winter faculty fellowships.

CSIE Faculty Fellows partner with colleagues to develop activities for CSIE courses clusters for implementation in Winter, Spring, Summer or Fall term.

A CSIE cluster links two science and/or mathematics courses with a one-credit, special topics, CSIE seminar. The CSIE seminar allows faculty additional contact hours to explore thematic topics through activities that help students make connections between courses, among peers, with professors, and in the community.

*Make the connections!* [www.emich.edu/csie](http://www.emich.edu/csie)

In addition, the institute will help you integrate Academic Service-Learning through community based research into the seminar so that you can apply for Learning Beyond the Classroom designation for general education credit.

Your CSIE cluster can focus on critical "gateway" or "gatekeeper" courses. We have learned that foundational, sequential, and cognitively challenging courses with unique hands-on application opportunities are well-suited for the CSIE approach. With the support of the CSIE Program, your team will be able to employ new strategies to retain students in science, technology, engineering, and mathematics.

Go online to see which of your colleagues have participated and to download your application. Return your signed application to the CSIE Program in 218 Rackham Hall.

### ***CSIE Students Succeed***

CSIE supports students interested in pursuing mathematics and science degrees through interdisciplinary projects and activities; academic service-learning and community-based research experiences; career exploration and the opportunity for faculty mentorship.

Convenient cluster scheduling, with the courses students need for their majors, makes registration easier and keeps students on track to graduate.

The CSIE Book Loan Program allows CSIE students to use textbooks at no cost and receive free lab and classroom supplies.

### ***CSIE Faculty Matter***

CSIE supports faculty wanting to enhance undergraduate learning in science, technology, engineering, and mathematics.

Funding for conference travel, curriculum development, classroom supplies, and equipment is available for faculty teams who implement CSIE course clusters.

CSIE awards one quarter (25%) reassigned time during fall or winter term or a \$1000 honorarium paid in summer or spring to each faculty member who participates in the development of CSIE clusters and implements the experience within the next year.

