

GRAYCE WICALL GAUTHIER PROFESSORSHIP PRESENTS:

UBIQUITOUS LEARNING/STEM EDUCATION SERIES

PROMOTING SCIENCE AMONG ENGLISH LANGUAGE LEARNERS IN URBAN SCHOOLS:

CONCEPTUAL, METHODOLOGICAL, AND POLICY ISSUES



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WHERE:

242 EDUCATION BUILDING

WHEN:

TUESDAY, April 7th 12-1:30PM

This presentation addresses ongoing concerns about low science achievement among diverse student groups, especially English language learners (ELL students), in urban schools.

Promoting Science Among English Language Learners (P-SELL) is a five-year research and development project funded by the National Science Foundation. P-SELL is aimed at enhancing elementary school teachers' knowledge of science and reform-oriented practices in teaching science.

This research tests:

- (1) Can ELL students learn science while also developing English proficiency?
- (2), Can ELL students, who learn to think and reason scientifically, also perform well on high-stakes science assessment?

Dr. Lee will address the conceptual framework guiding the intervention, which consisted of curriculum materials and teacher professional development, methodological issues in testing the effects on teacher change and student achievement, and policy issues related to science accountability.