

# Milwaukee Chapter

Since 1919

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## The Challenges and Opportunities Associated with Teaching Materials Science in a High School Setting

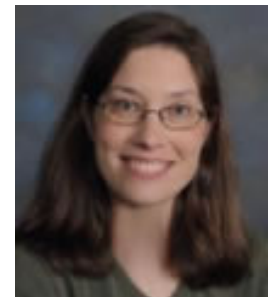
Scholarship/Teacher Grant Night featuring

*Kathy Pollock of Cedarburg High School*

Event Sponsor:

**Date:** Tuesday | October 17, 2017 \*\*\* **THIRD TUESDAY** \*\*\***Time:** **5:30pm** Social | **6:00pm** Dinner | **7:00pm** Program**Location:** Klemmers Banquet Center  
10401 W. Oklahoma Ave., Milwaukee Wisconsin 53227**Cost:** **\$30** Members | **\$35** Nonmembers | **\$15** Retirees and Life Members  
**Free** to Students, Members between jobs, Elementary through High School  
Teachers, Gold sustaining member reps and Meeting sponsor (2 attendees)**RSVP by:** Friday | October 13  
Register online at [asm.milwaukee.org](http://asm.milwaukee.org) or contact Jim Schwaegler  
jschwaegler@toolsinc.com | (262) 246.3400, Ext. 217**Technical Chair:** Ben Church  
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This year's **Scholarship/Teacher Grant Night** features a presentation by **Kathy Pollock** of Cedarburg High School (CHS). Kathy has taught Chemistry, AP Chemistry and Organic Chemistry since starting her



career at CHS in 1997. After completing the ASM Year 1 Teacher Workshop at Michigan Technological University and the ASM Year 2 Teacher workshop at The Ohio State University, Kathy implemented a semester-long Materials Science course at CHS. She recently completed the special topics ASM Teacher Workshop at Northwestern University. Kathy received her B.S. in Chemistry from Michigan Technological University and her M.S. in Inorganic Chemistry from UW-Madison. She received the 2007 Wisconsin Siemens Foundation AP Science Teacher award.

While rarely found at the high school level, the implementation of a Materials Science course at the 9-12 level offers numerous opportunities for developing students' interest in the materials found in their everyday lives. The presentation will provide an overview of the topics and lab activities in a high school Materials Science course, the teacher training that is available through the ASM Foundation, and the unique experiences associated with this type of course. The challenges and limitations of teaching Materials Science in a high school setting will also be discussed.