

Calling All STEM Teachers

- **Attend this one-week professional development materials camp this summer—at no cost!**
- **Master exciting, simple, low-cost experiments to engage your students!**
- **Take home knowledge, experience, supplies!**



Make polymers and explore their exciting properties!

ASM Materials Camp® 2012

University of Wisconsin–Madison

August 6–10, 2012

Who is eligible? High school teachers of general science, chemistry, physics, math, and technology; middle school science teachers.

Workshop Overview During this one-week workshop you will learn the basics of materials science technology as taught at the high school level. It will show you how to use low cost/no cost, simple labs and experiments using everyday materials, labs and experiments that can be integrated into your existing lesson plans. Subject areas covered are solids, metals, ceramics/glass, polymers, and composites. In addition, you will take home not only the knowledge and experience you have learned during the week of camp, but also supplies (including a NACE corrosion kit) and the STEM Handbook (a valuable reference).

Workshop fees No fees. This commuter program includes lunch and supplies; it does *not* include transportation and other costs.*

Where This ASM Camp will take place primarily at the new Wisconsin Institutes of Discovery Center on the UW–Madison campus, located in Madison on the shores of beautiful Lake Mendota.

Why should you apply? To learn about and explore the wonders of materials science and engineering and the integration of cutting edge science into your classroom that will engage and excite your students.

What previous participants have said “In all respects, one of the best such experiences I have seen in over three decades of teaching. Keep up the great work!” D. Straub, Teacher, Monroe, MI

Graduate Credits Two (2) semester graduate credits are available at \$250 through the University of Missouri–Kansas City. Registration fees for graduate credit are the responsibility of the class participants.

Workshop Schedule This is a full day (8 a.m. to 5 p.m.) 5-day commuter workshop. Note: if field trips are scheduled, there is a possibility of the program running into late afternoon or evening.

Workshop Faculty Primary faculty are two experienced high school “Master Teachers” who have taught materials science courses for many years. They have helped develop the innovative approach to hands-on learning of applied science principles used in this program.



Using a high-temperature furnace to make ceramics.



*Generous financial support for the camp is provided by Thermal Spray Technologies, Inc. and the Fisher Barton Group of Companies.



To Apply Use the online application form <http://www.zoomerang.com/Survey/WEB22ERUPWR64S> or visit www.asmfoundation.org (click on Teachers Materials Camp)

Questions? For more information, please visit www.asmfoundation.org (click on Teachers Materials Camp) or contact the administrator of ASM Foundation Programs Jeane Deatherage (jeane.deatherage@asminternational.org)