

Partnership

Attention: New Math and Science Teachers

The “New Teachers Dinner Club” for new teachers of Math and Science will begin meeting again this September at the Five College Consortium. Meetings are scheduled for approximately every three weeks and focus on sharing, problem solving and curricular ideas. If you are a new teacher of math or science, or have a new teacher colleague you would like to refer, please contact Sue Thrasher at the Partnership office: 413-256-8316, or suthrasher@fivecolleges.edu

The Five College Public School Partnership is guided by a Steering Committee made up of Five College faculty and Connecticut River Valley school administrators and teachers. Partnership programs are developed by planning committees of school and college faculty. If you would like to become involved or have ideas for the Partnership, please contact us at 413-256-8316.

Partnership News

We hope you are off to a splendid start of the new school year. You will notice that our newsletter has a new (and briefer) look. However, you can find our usual sixteen pages and more of news and professional development listings by visiting us at www.fivecolleges.edu/partnership. Bookmark us!

Tammy Peters, the Assistant in the Partnership Office, has spent the summer developing and updating the Partnership website. Although we will continue to publish a shortened version of the Partnership News, the website will become our primary source for keeping you updated on professional development opportunities and other news and resources. This will allow us to post news and information when it comes in, rather than the long lead time required for a printed newsletter.

In conjunction with this shift to more web-based information, we are in the process of developing special “e-lists” for quick referral of information that passes through our office. For over a year now, we have maintained a special list for math and science teachers. We are currently developing an e-list for social studies, language arts, health, and arts and music. The e-lists provide us with a mechanism to pass information to you quickly – funding opportunities, professional development offerings, web-resources that have classroom application, and information from the Massachusetts Department of Education. Please note that the e-lists are not moderated listserves; we maintain the mailing list here and use them only to send information. *If you would like to be on one or more of these lists, please e-mail me at: suthrasher@fivecolleges.edu.*

The Partnership has received funding from the National Endowment of the Humanities (NEH) for its project on The American Revolution and American Peoples: A Comparative Inquiry. This project was developed in collaboration with Northampton Public Schools, Belchertown Public Schools, Hampshire Regional School District, and Holyoke Public Schools. The project will allow teachers to discover the rich complexity of the American Revolutionary period and its impact on various communities, enabling them to develop units that incorporate new scholarship and primary documents, and make creative use of technology. Many thanks to the planning committee of Five Colleges and K12 faculty who spent over a year developing this program.

The Teachers as Scholars Program will again be offering full day seminars with Five College faculty in the Spring of 2002. If you have specific ideas for seminars you would like to see offered, please call or e-mail us at the Partnership office.

Continued

Announcements

Sign Up for our E-Mail Alerts !!!

The Partnership office receives as well as researches timely information that we think will be helpful to teachers and administrators. We currently have a list for Math and Science, and are developing lists for Social Studies, Language Arts, Arts and Music, and Health. A sampling of the information we send out includes curricular resources on the web, conferences and other professional development opportunities, and notices from the Massachusetts Department of Education regarding frameworks, professional development, and MCAS. You can sign up for one or more of these lists by visiting our website and clicking on the link, or by e-mailing Tammy Peters tpeters@fivecolleges.edu

STEMTEC Scholarships

The STEMTEC Program awarded over \$93,000 in scholarships to students, who are interested in pursuing a career teaching Math or Science, at the Five Colleges and the three area community colleges. Limited funds are available to graduating high school seniors who plan to pursue a career in teaching and will be entering one of the five colleges or area community colleges. If you know of a high school senior interested in teaching math and science who is a potential candidate for a scholarship, please contact the Partnership office for the application forms.

Be sure to visit our website!

For a complete listing of professional development opportunities, resources and description of programs visit:

[www.fivecolleges.edu/
partnership](http://www.fivecolleges.edu/partnership)

Partnership News Continued

Welcome back to the ten teachers who returned on August 9 from a one month study tour of Southeast Asia: Belle Barnack-Guzman, Ilene Freedman, Linda Levister, and Hoa Truong from Springfield; Clifford Fonsh and Gale Kuhn from Amherst; Arlene Kowal, Susan Routhier, and Beth Warren from Northampton; Sara Bernstein from Hadley. Higher Education participants on the tour were project directors Jim Hafner and Sally Habana-Hafner, and Ray Young from the Center for International Education. The study tour, funded by the Fulbright-Hays Program of the US Department of Education, was sponsored by the Partnership, the Center for International Education at the School of Education, UMass Amherst, and the Asian Pacific American Faculty Seminar of the Five College Consortium. Please check our website during the coming weeks for more information about the study tour, which included stops in Thailand, Cambodia (including historic temple sites at Angkor Wat), and Vietnam. Study tour participants will continue to meet during the coming year to further develop curriculum units and work with teachers in their home districts. This follow up work is supported in part by a grant from the Freeman Foundation and the Five College Center for East Asian Studies.

Best wishes to the following Connecticut Valley Superintendents as they move on to retirement or new positions: Brenda Dietrich from Hampden-Wilbraham, Bruce Willard from Northampton, Thomas Cimino from Hatfield, and James McDonnell from Holyoke. We welcome Michael Cosgriff to Northampton, Regina Nash to Frontier Regional, Daniel Barker to Hatfield, Joseph Burke to Springfield, Michael Zapantis to South Hadley, Paul Gagliarducci to Hampden-Wilbraham, and Patricia Bassett to Franklin County Technical. And, finally, a belated welcome to Brenda Finn, who took over the leadership of the Gill Montague School District last year.

Sue Thrasher
PARTNERSHIP COORDINATOR

Math Rules!

Our web pages list a number of resources available for Math teachers.

The Massachusetts DOE has released an interactive version of the frameworks; all activities, problems, and definitions are linked directly to each learning standard, enabling teachers to focus on a particular standard or subject area. <http://www.doe.mass.edu/frameworks/math00/>

Illuminations, the newly revised NCTM principles and standards, includes Web-based multimedia activities, video vignettes of teaching and learning, lesson plans, and a rich network of links. <http://www.illuminations.nctm.org>

The National Library of Virtual Manipulatives for Interactive Mathematics collects uniquely interactive, Web-based

manipulative or concept tutorials aimed at K-8 math learners. This site has received an award from the National Science Foundation. <http://matti.usu.edu/nlvm/index.html>

Figure This! Math Challenges for Families site features real-world math questions designed to motivate middle school students to learn higher-level math operations involving angles, volumes, and number patterns. Example: Mark McGuire's 70th home run ball sold for \$3 million in 1999. If Babe Ruth's 60th home run ball was worth \$3,000 in 1927, and doubles its value every seven years, which would be worth more today? <http://www.figurethis.org/index40.htm>

Professional Development Opportunities: A Sampling

Our full listing of Professional Development opportunities appears on the Partnership website. Below is a sampling of the offerings you will find there. For info about any of the sessions listed below and for additional opportunities, please visit the website at www.fivecolleges.edu/partnership

ART

Zea Mays Printmaking

413-584-1783

www.zeamaysprintmaking.com

Offers a variety of classes in printmaking, including *Monotypes and Monoprints*, *Intaglio Printmaking*, *Monotype Workshop*, *Photopolymer Etching*, and a *Linocut Workshop*. Zea Mays is a registered professional development provider with the Department of Education. Signing up for a class also insures studio time.

HUMANITIES

Western Massachusetts Writing Project

413-545-5466,

www.unix.oit.umass.edu/~cmoran/wmwp

Offering two free workshops in September, *Best Practices in the Teaching of Writing* (9/29, 8:30-1pm) and *Teachers' Writing and Response Group* (9/8, 10/13, and 11/10; 9-1pm) Open to area K-12 teachers.

The Annenberg/CPB Channel

Primary Sources: Workshops in American History, - a NEW 8-part workshop for high school history teachers, produced by WBGH Boston. Beginning October 11, 2001, this workshop provides an opportunity for high school history teachers to explore the use of primary-source documents in the research and interpretation of American history. The programs feature informal lectures by prominent historians on pivotal events from the settlement of Jamestown to the Korean conflict and the Cold War. You may participate by watching a broadcast, or purchase videotapes from Annenberg/CPB at 1-800-LEARNER or www.learner.org.

SCIENCE AND MATH

NCTM Regional Conference

www.nctm.org/meetings/registration/

Somerset, New Jersey

October 25-27, 2001

Marine Biological Laboratory, Woods Hole, MA

508-289-7535 <http://www.mbl.edu/CASSLS/SLSadvert.htm>

Life and Living in Space. This teacher enhancement workshop for high school and community college teachers will provide content knowledge in several areas of active research in the space life sciences, including human physiology in space, agriculture in space, and issues of planetary protection and microbial contamination of spacecraft. Dormitory housing, food and a modest stipend will be provided for all participants during the duration of the workshop. Funds are also available to cover the cost of substitute teachers. For more information, contact Diana Blazis at dblazis@mbl.edu. (11/29 - 12/2)

Science and Engineering Saturday Seminars at UMass

The following sessions are scheduled for the fall: *September 22. The Physics of Music* (9/22); *A Walk through the Jurassic* (10/13); *Engineering Catalysts* (10/27); *Air Quality* (11/3). Closure and Assessment session scheduled for 11/17; Free, advance registration required. PDPs or optional graduate credit at reduced cost with additional readings and session on 12/15. Registration, Eugenie Harvey, 413-545-1290

STEM Education Institute Talks

All talks are held on the first and third Tuesday of the month at 4pm. The

sessions last for about 50 minutes and are followed by Q & A. **Engineering - A Marvelous Integrator for All Learners** (10/2); **Using Technology to Facilitate the use of Formative Assessment in Physics** (10/16); **Reducing the Distance in Distance Learning** (11/6); **Factors Related to Student Success in Online Learning** (11/20); **Learning Science and Engineering Through Teaching Teachers** (12/4). With the exception of 11/6, all talks are held in room 138 Hasbrouck Lab., UMass. For more information contact Steve Nathan at 413-545-2016.

University of Massachusetts Amherst Division of Continuing Education

Special programs include: Preparation Workshops for the Massachusetts Test for Educator Licensure, Postbaccalaureate Teacher Certification Program, the Certificate of Advanced Graduate Studies, and the 180 Days in Springfield Master's program. To request a catalogue of all courses or for information: call 413-545-3653, email honan@educ.umass.edu www.umass.edu/contined

Hampshire Educational Collaborative

413-586-4900 x142/

events@collaborative.org /

www.collaborative.org

Workshops offered by HEC include *Gender Equity: The Issues and the Strategies* (10/4-5); *Teaching American History Through Family Stories* (10/4, 11, 18, 25 and 11/1, 15, and 12/6, 13); a fall series on *Inclusion Paraprofessionals, Principals, and SPED Directors*, *Foundations of Effective Teaching* (10/30, 11/6, 12/4, 12), and *Strategies for Success: Becoming a Dynamic Educator* (Gr. 4-6, 11/13; Gr. 6-8, 11/14).

September- December 2001 Calendar
Five College Public School Partnership
97 Spring Street
Amherst, MA. 01002-2324

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Partnership Newsletter:
*Compiled and Edited by
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Sue Thrasher, Partnership Coordinator*

Please send comments to:
tspeters@fivecolleges.edu

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INSTRUCTIONS FOR REGISTRATION WITH EACH LISTING**

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