

Partnership

Save the Date

Pathways to Change:

An International Conference on Transforming Math & Science Education in the K16 Continuum.

April 18-21, 2002

413-545-0453, Fax: 413-545-1691 or email: pathways@k12s.phast.umass.edu

Crystal City Doubletree Hotel, Arlington VA. **Register by February 1, 2002** to save. This conference is designed for educators interested in alternative ways of teaching science and math and preparing future teachers. Keynote speakers include: Lynn Margulis, "From Gaia to Microcosm and Back"; Linda Rosen, "Opportunities and Challenges in Math and Science Education", and Gregory Prince, "Reform or Revolution: Science Education and Civic Responsibility". Program activities include: Keynote Speakers, Contributed Papers, Panel Presentations, Posters, Symposia, Exhibits, Video Festival, and Workshops. Please contact us for more information or visit us on the web and Register online! <http://k12s.phast.umass.edu/stemtec/pathways/>

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

The Partnership seminar series on the American Revolution and American Peoples: A Comparative Inquiry got underway on December 1. Four additional monthly sessions will be held through April, and the series will end with three consecutive days in early July. The series, funded by the National Endowment of the Humanities, will include sessions on: ***Geo-Politics of the Revolution; Sovereignty; Liberty; Citizenship; Equality; Empire, and New Approaches to Historiography.*** Faculty for the seminars are: Neal Salisbury, History, Smith College; Barry O'Connell, American Studies, Amherst College; Rosemary Agoglia, The Commonwealth School; Alice Nash, History, UMass; Virginia Ahart, formerly Social Studies Chair at Hampshire Regional; Robert Hansbury, Social Studies Department Chair, Belchertown; Joyce Berkman, History, University of Massachusetts; Tracey Pinkham, Hampshire Regional Middle School; and Marla Miller, History, UMass. Participants in the series come from Holyoke Public Schools, Belchertown Public Schools, Hampshire Regional Schools, and Mohawk Trail Regional School District.

The Partnership office has established a website for the series, which includes an expanded bibliography, and resources that grow from each session. You can visit the website now and discover the Chronology Game (courtesy of Marla Miller) that is guaranteed to intrigue your students. (http://www.fivecolleges.edu/partnership/programs_AmRev.html) We will be updating the website as we proceed with the series. Check in frequently.

This is the fifth and final year of the STEMTEC project funded by the National Science Foundation. However, we are not exactly gearing down. Pathways to Change 2002, an international conference focusing on transforming math and science education in the K16 continuum will be held in Washington, DC, April 18-21. (See Sidebar) STEMTEC will offer scholarships to future math and science teachers for one more year. If you would like to nominate a high school senior or undergraduate in one of the eight colleges who is interested in pursuing a teaching career in math or science, please call us for additional information. STEMTEC will also be continuing its work with new math and science teachers. Currently, a New Teachers Dinner Club meets at the Five College consortium every three weeks. If you would like to join, or recommend colleagues, please call the Partnership office. We also offer a mini-grant program for new math and science teachers. (<http://k12s.phast.umass.edu/~stemtec/>)

We continue to build our e-mail alert lists, a quick way of letting you know about professional development opportunities, funding sources, and curriculum resources as we come across them. If you would like to be on one of our lists (Math/Science; Social Studies; English Language Arts; Arts) e-mail Tammy Peters tpeters@fivecolleges.edu

Sue Thrasher
PARTNERSHIP COORDINATOR

Announcements

Congratulations! This year's outstanding High School Chemistry Teacher of the Year award goes to Peter Shaughnessy, a chemistry teacher at Northampton High School. Peter was chosen by the Connecticut Valley Section of the American Chemical Society.

The "New Teachers Dinner Club" for new teachers of Math and Science will begin meeting January 17 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

FELLOWSHIP OPPORTUNITIES

Five College Women's Studies Research Center The Center invites applications for its **Research Associateships** for 2002-2003 from scholars and teachers at all levels of the educational system, as well as from artists, community organizers and political activists, both local and international. Applications are accepted for either a semester or the academic year. The Center supports projects in all disciplines so long as they focus centrally on women or gender. Research Associateships are non-stipendiary. **Deadline is February 8, 2002.** For further information, contact the Center: 413.538.2275, fax: 413.538.3121, email fcwsrc@wscenter.hampshire.edu, website: <http://wscenter.hampshire.edu/>

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)

Resources

Memorial Hall Museum in Deerfield www.memorialhall.mass.edu

Area schoolteachers combined forces with Umass to create a Web site that helps kids to learn history at the Memorial Hall Museum in Deerfield. The Web site, "American Centuries: View from New England," focuses on the region at three turns of the century. The project relies on items from the museum's collection to provide students with a window on the past. The site goes hand-in-hand with extensive history curricula designed by Frontier Regional School District teachers, and provides an interactive look at much of the collection of the museum, part of the Pocumtuck Valley Memorial Association (PVMA).

The Culture of Violence www.umass.edu/fac/universitygallery

413-545-3670 at the University Gallery, Umass, Amherst

An exhibition, catalog, film series and education program.

Opening reception Feb. 1, 5-7pm. Feb. 2- Mar. 15 & Apr. 2-May 17, 2002

Hours: Tues.-Fri. 11-4:30pm, Sat.-Sun. 2-5pm.

The program examines the pervasive influence of violence in its various manifestations as reflected in contemporary art and culture. The project hopes to advance community dialogue about this critical topic. A public symposium on violence will be held in mid-February. Curricular materials geared to junior and senior high school levels will be available in February, and in-service teacher training is offered for PDP or academic credit under the direction of Martha Taunton, Association Professor of Art Education, Department of Art.

Hatikvah Holocaust Education and Resource Center www.hatikvah-center.org

1160 Dickinson Street Springfield, 413-734-7700. The center is a non-profit organization dedicated to educate the community about the Holocaust and to combat prejudice, hate, and racism in today's society. The program offers exhibits, lectures, performances, film screenings and book reviews. Hatikvah also conducts teacher-training workshops, primarily for middle and high school teachers and college professors. Curriculum materials are also produced. A resource library maintaining up-to-date books, videos, curriculum materials, computer-based materials, and oral histories of Springfield area Holocaust survivors and liberators of Nazi concentration camps is available. Hatikvah is a professional development provider.

Enchanted Circle Theater www.enchantedcircletheater.com

252 Open Square Way, Holyoke, 413-534-3789. This multi-ethnic theater company offers programs, which are inspiring, creatively stimulating, and cross culturally orientated. Their performances and workshops, known to expand the boundaries of what is generally presented to children, integrate theater, dance, music, visual arts and literature with educational and social themes. Professional development and teacher training workshops are also available.

Skulls Kit

A kit made up of 12 primate skulls is available for loan by the Five College Public School Partnership office. The kit is designed as a hands-on approach to studying human evolution, allowing students to investigate by examining skulls of living and extinct human relatives. The skulls were designed by Hampshire College's Professor Deb Martin and her colleagues, and were refurbished during the summer/fall of 1999, adding new skulls. To reserve the kit, please call the Partnership office, 413-256-8316. The kit may be reserved in blocks of 3 weeks, allowing multiple teachers within a school to use it.

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, *Tropical Drypoint Workshop* and *Printmaking without a Press*. Zea Mays is a registered professional development provider with the Department of Education. Signing up for class also ensures studio time.

Global Horizons at UMass

413-545-4178 global@educ.umass.edu

Connecting Art to Spirit: The Sacred Arts of Asia (4/3) Teachers will get a chance to construct Indonesian shadow puppets and put together a short play, using rear-screen projection. Also learn more about the sacred art of Tibet and mandala painting.

HUMANITIES

Global Horizons at UMass

413-545-4178 global@educ.umass.edu

Offering a number of workshops including: *Teaching About the Arab World and Islam* (2/3); *The Land of the Midnight Sun* (3/2) explore the cultural history of the Inuit of North America, the Sami of Scandinavia, and the native peoples of Siberia and Greenland, through their art, music and oral traditions. *Up Close in Southeast Asia with the "How To" for Teachers*

(3/30) Presented by teachers who were sent to East Asia. This workshop will begin by providing participants an introduction to Southeast Asian content information, and will include a brief history of the development of Southeast Asian cultures along with economic development, current social and educational issues. *Crossings: Voyages of Immigration by the Sea* (4/27)

A full day workshop at the Mystic Seaport Museum This workshop will focus on the theme of immigration develop skills using primary sources and artifacts.

Title Understanding Islam Through Multiple Perspectives Summer Institute June 24-28, This very interesting and highly relevant weeklong institute will take participants into the world of Islam through art, music, literature, science, culture, and history.

Hatikvah Holocaust Education and Resource Center

Springfield, MA 413-734-7700.

Offering workshops to educate and remember the Holocaust including, *Teaching for a Better World: Why and How to Teach the Holocaust* (11/29); *Voices and Views* (1/27, 2/3); *Middle School Seminar on Holocaust and Related Literature* (2/10); *Advanced Seminar on Literature of the Holocaust* (3/24, 4/7). Hatikvah is a registered professional development provider with the Department of Education.

SCIENCE AND MATH

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Washington DC, April 18-21, 2002

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pathways@k12s.phast.umass.edu

STEM Talks

All talks are held first and third Tuesdays of each month. The sessions last for about 50 minutes followed by Q & A. *Apartheid and the future of science teaching in South Africa* (2/5); *Learning Online and On Campus* (2/19); *Writing about Science* (3/5); *A General Platform for Inquiry Learning* (4/2); *Nanoscience* (5/7). For more information please contact Steve Nathan at 413-545-2016.

Science and Engineering

Saturday Seminars at UMass

The following sessions, designed for teachers in grades 5-9, are scheduled for the fall: *Teaching About Bioterrorism* (2/9); *Polymers All Around Us* (3/2); *The World in Motion* (3/16); *What do Our Students Know?* (3/23); *Seeing the Light: Explorations in Fundamental Optics* (3/30). Free advance registration required. PDPs and optional graduate credit at reduced cost with additional readings and session on 5/11. Register: Eugenie Harvey, 413-545-1290.

WGBY

413-781-2801x281

Teacher line www.wgby.org/edu/teacherline

Online professional development for Massachusetts preK-12 teachers. *February 1, Math in everyday life for grades 6-8; March 1, Teaching Geometry Using Technology in grades 3-5; April 2, Teaching Geometry Using Technology in grades 6-8; June 1, The smart Chalkboard: Using the Computer for Dynamic Presentations.*

Northfield Mountain

800-859-2960

Vernal Pool Certification Workshop

March 22, 7- 9:30p.m. Pre-registration required. You'll discover how to identify vernal pools; photograph and map them; plus field identification, recording, and photo techniques for documenting the presence of vernal pools and the frogs, toads, salamanders, egg masses, and aquatic insects in them. Participants will leave with an understanding of the techniques necessary for preserving these critical habitats, and a list of resources.

January-April 2002 Calendar
Five College Public School Partnership
97 Spring Street
Amherst, MA. 01002-2324

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Partnership Newsletter:
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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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Partnership Newsletter, 97 Spring Street, Amherst, MA 01002-2324**

NAME

SCHOOL/COLLEGE

WORK ADDRESS

WORK PHONE

AREAS OF INTEREST

SUBJECTS TAUGHT

HOME ADDRESS (OPTIONAL)

HOME PHONE (OPTIONAL)