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CSMATE Offers Summer Programs for High School Students!

Registration for the [Summer Vet](#) program is closed and registration for the [Bugs to Biospheres](#) summer programs ends on May 15th.

New Distance-Based Physics Course for Inservice Teachers: The Physics of Information and Communication

As with the online chemistry course delivered Fall, 2004, another online course, developed in collaboration between CSU and UNC and funded by the Colorado Commission on Higher Education, CCHE, is being offered through CSMATE with funding through the Colorado Department of Education, CDE, Mathematics and Science Partnership program. The course is being taught by **Mr. Joe Staley**, CSMATE Research Associate, and was developed during the summer of 2003, by a team of physics educators which include **Ms. Roberta Tanner**, Loveland High School Physics teacher, **Mr. Brian Jones**, CSU Physics Dept. and was headed by **Dr. Courtney Willis**, UNC Physics professor. For more information please contact **Mr. Staley** at joestaley@csmate.colostate.edu or **Dr. Christine Jones**, cjones@csmate.colostate.edu. ([Click here to download the syllabus](#))



Institutes Focus on Genetics and Evolution

During Spring semester, 30 middle and high school science teachers from rural and urban Colorado will continue to participate in the Colorado CLTW Professional Development Institute led by CSMATE associates and staff, including **Dr. Nancy Kellogg**, **Dr. Paul Kennedy**, **Mike Viney**, **Julie Sexton**, **Dr. Shashi Unnithan**, **Chris Romero**, **Shelly Parsons**, **Dr. Andrew Warnock**, **Lori Reinsvold** and **Jane Brown**. The institute will consist of several Saturday face-to-face workshops linked together with distance-based education. Participants are grouped into small inquiry teams led by CLTW fellows and staff. Teachers also will participate in workshops on technology and will each develop their own web sites showcasing the work they have done for the course.

CSMATE is sponsored by the College of Natural Sciences at Colorado State University

Exciting New way to bring Small-Scale Chemistry even closer to the Point of Learning

The advent of the Tablet PC opens an exciting new world of possibilities for small-scale science experimentation. A new 20 minute video, featuring **Dr. Stephen Thompson**, previews just a small sample of the benefits of conducting science experiments directly on the screen of a pen-based Tablet PC. [Watch Video](#)

4th Annual RTPI Conference

This year's theme is: Innovations in Instructional Technology for Rural Classrooms: "Technology we can afford". The keynote speakers are **Dr. Stephen Thompson**, CSMATE, and **Dr. Robert Reichardt**, Executive Director, Alliance for Quality Teaching. The conference is funded by NSF and run by CSMATE and the School of Education at CSU as well as partnering Community Colleges. The conference will be held on Thursday, April 7th at Aims Community College in Greeley. [Learn More](#)

50th Annual Colorado Science and Engineering Fair

This year marks the 50th anniversary of the state's science fair. Memorabilia from the last fifty years will be on display during the fair on April 7-9 in the Lory Student Center. The keynote speaker will be **Ms. Sarah Andrews**, CSU alumni and notable author of a series of mysteries featuring Em Hansen, a forensic geologist/sleuth. The fair is directed by **Ms. Courtney Butler** of CSMATE.

Korean Science Teachers Project

As in the last three years, 2002-2004, CSMATE, will seek to collaborate with the Korean government, to conduct a customized academic residency program this summer, 2005. This year's program proposes to include Earth science and physics education, with an emphasis on instruction and evaluation. In past years, the **Korean Science Teachers Project** hosted 40-60 chemistry, physics and Earth science teachers from South Korea, who visited CSU during the summers, in a collaboration including the Korean Government, the CSU Office of International Programs, CSMATE, and the Little Shop of Physics. **Dr. Stephen Thompson**, **Dr. Christine Jones**, **Ms. Barry Carroll**, **Dr. Andrew Warnock** and **Ms. Lynne Judish** have worked on this project which also included introducing the Korean middle and high school teachers to the U.S. educational system and schools as well as five national parks.

[For more news, please visit our newsletter archive](#)