

Summer Institute with Academic Year Program

June 20 – July 1, 2005

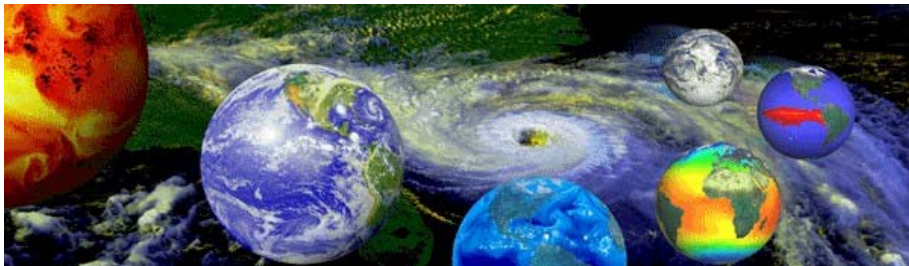
Two Week Institute

K-12 Teacher Leader Training

Physics and Chemistry of Weather and Climate



Hours: M-F 8:00 - 5:30 PM evenings: M, W, 7:00-8:30 PM



Receive \$1,500 stipend for the complete program.

Follow-up sessions required for complete program:

- September 24, 2005 Implementation in the Classroom
- January 14, 2006 Technology in Science Teaching
- March 4, 2006 6th Annual Science Teaching Symposium
- Provide two Staff Development activities at your school or for your district. This is a requirement for the program.

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A co-payment of \$500 from the school or district is required for the two week program unless your school has a partnership agreement with the Science Project.

Scholarships are available for the co-payment and for housing.

Two units @ \$55.00 each can be used for the Masters in Science Teaching Degree. Continuing Ed units also available.

Meals are provided for all two week participants.

For more information on institutes and partnerships check the Science Project's web page at <http://www.csuchico.edu/cspinc>

Fax application to: 530-898-4580 by May 10, 2005, 5pm

Inland Northern Science Project (CSP-INC)

K-12 Teacher Leadership Institute -- **June 20-July 1**

Focus: Chemistry and Physics of Weather and Climate

The California Science Content Standards in physical and Earth sciences include, but are not limited to states of matter, force and motion, heat/thermodynamics, conservation of energy, waves, gas laws, pressure, density, water cycle dynamics, atmospheric and oceanic interactions. Critical thinking, inquiry, and the scientific process will be the basis for helping students gain the skills they need to make environmentally sound lifestyle choices.

We all have questions about the weather.

- How much weather makes a climate?
- What is the history of climate on Earth?
- Do all planets have weather?
- How are climate and biodiversity related?
- Is there really more weird weather now than 100 years ago?
- How do we measure weather and climate and how have scientists determined that the climate is changing based on human influences?
- How can we provide students with an objective understanding of global warming without a doomsday approach?

Strategies for increasing reading comprehension of adopted instructional materials and academic language acquisition for **EL** will be addressed in a **Lesson Study** format.

CSP-INC serves a large, nine county region of northeastern California and invites all interested teacher leaders to become part of the Science Project's professional development program. University credits for the institute apply to the Masters in Science Teaching degree offered by CSU, Chico.

Complete application to the right and send or fax to the Center for Mathematics & Science Education.

Applications are due by May 10, 2005 at 5pm.

For more information call 530-898-4322 or email Bev Marcum, Project Director at bmarcum@csuchico.edu

Two Week Institute Dates: June 20 – July 1, 2005

The Physics and Chemistry of Weather and Climate
Grades K-12

Hours: M-F 8:00am – 5:30pm, plus M, W evenings 7- 8:30pm

Name: _____

Home Address: _____

City: _____ Zip: _____ Phone: _____

Email: _____

Current grade(s) taught: _____

School: _____

School Phone: _____

Principal: _____

I understand that there is a \$500 co-payment required by my school or myself if my school or district does not have a partnership with the CA Science Project - Inland Northern.

Signature: _____

Mail completed application to:
Center for Mathematics and Science Education
CSU, Chico
Chico, CA 95929-0530
Ph (530) 898-4322

Or fax to : (530) 898-4580

Application Deadline: May 10, 2005 by 5pm
(You will be notified by May 15, 2005 of your application status.)