



## Weekly Newsletter

October 29, 2004

### 2004 North Carolina Science Teachers Association Meeting

November 11th – 12<sup>th</sup> Koury Convention Center, Greensboro

The preliminary program for this year's professional development meeting is posted on the NCSTA website at <http://www.ncsta.org/institute/program.html>

Sixth grade teachers might be especially interested in the following sessions:

Concurrent Session CS241 - 6th Grade - Science Standard Course of Study with NC DPI

Commercial Session CS149 - STC® Sound

Concurrent Session CS171 - Science Literacy

Concurrent Session CS333 - Astronomy Resources for Teachers

Concurrent Session CS617 - The Sound of Music: The Physics of Musical Instruments



### Busy Bees



Teachers and fellows have been busy preparing for and attending professional workshops and meetings.

Michael and Lindsey presented posters at the South East Estuarine Research Society meeting.

Connie and Crisp attended the Southeastern Regional GK-12 Conference in Florida.

Janice and Jennifer Tiso attended the science Text Book Adoption workshop for NHCS.

Gidget and Jennifer Prudhomme took their students to Forestry Camp.

Gidget attended a math conference last month.

Luis and Erin took their students to the Ropes Course at UNCW.

Janice and Lindsey took their students to Airlie Gardens and UNCW to study water quality.

Jennifer and David took their students to Shackleford Island to study the ecosystem and to fish.

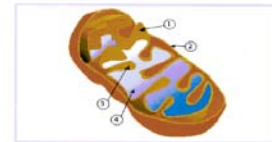
Crisp will be presenting at the South East Regional Meeting of the American Chemical Society.

Erin is planning to present at the Western Society of Naturalist in California.

Al is planning to present at the Society for Integrative and Comparative Biology in January 2005.

Lindsey has been accepted into a PhD program.

### Biology Seminar Series for Secondary Science Teachers



### Cellular Respiration

Dr. Stephen T. Kinsey,  
UNCW Department of  
Biological Sciences

Dr. Kinsey's lab is broadly interested in comparative physiology and biochemistry, with an emphasis on how cellular processes affect complex, whole animal phenotypic traits. Much of the lab's effort at the cellular level is directed at understanding muscle energetics and the metabolic principles that direct cellular design. They try to understand how biochemistry works in living cells, accounting for such features as metabolic organization and intracellular diffusion.

Tuesday – November 9, 2004  
4:00-6:00 pm, Room 150 Friday Hall  
Call 910-962-3168 for more information

### Useful URLs

<http://www.energyquest.ca.gov/index.html>

Mieke and Kelly found this site useful.

<http://www.gelighting.com/na/home/gela/students/science.htm>

Good science activities on light from G.E.

<http://www.smm.org/sound/nocss/top.html>

Some fun activities for sound.

The GK-12 program at the University of North Carolina at Wilmington is supported by the National Science Foundation under Grant No. 0139171