

CTABT MEMBERSHIP FORM

☐ I want to join CTABT.
☐ Enclosed is a check for \$20.00.
☐ Student membership \$10.00
☐ Free one-year trial membership
 with Darwin Day registration

Name _____

Address _____

Phone _____

Email _____

School _____

School Address _____

I am ☐ am not ☐ an NABT member

Make Checks Payable to **CTABT**



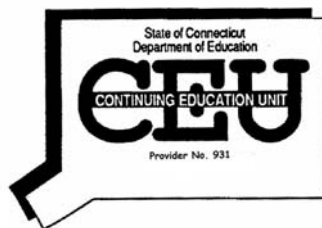
For information, email Mary Ann Zabik
 zabikm@ccsu.edu
 or go to our website:
<http://www.ccsu.edu/CTABT/>

Schedule of Events

8:30 Registration/Refreshments (AST Rotunda)
 9:00 Opening speaker: Dr. Tiffany Doan, CCSU,
 "Evolutionary Medicine: How Can Evolutionary Biol-
 ogy Combat Human Epidemics such as AIDS?"
 10:00 - 11:00: Workshop/Presentation
 11:00 - 11:15 Coffee break/Exhibitors
 11:30 - 12:30: Workshop/Presentation
 12:30 - 1:15: Lunch/Exhibitors
 1:30 - 1:45: Celebrate with Darwin
 1:45-2:45: Keynote Speaker: **Kenneth R. Miller** from
 Brown University,
 "Time to Abandon Darwin? Evolution
 and
 the Battle for America's Soul."
 2:45 - 3:00: Closing announcements

Registration fee includes admittance to talks, work-
 shops/presentations, box lunch, refreshments,
 and birthday cake.

CEU's available: \$5.00 processing fee at the door



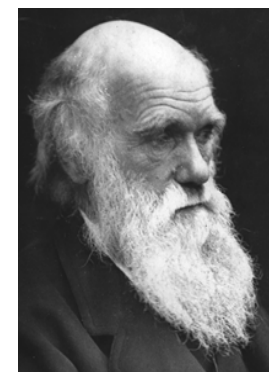
*Sponsored by
 CTABT, Manchester Community College,
 Benjamin Cummings, and Prentice Hall*

Mail your registration and/or membership form and fee to:
 Phil Jones, Treasurer CTABT, MS#17,
 Manchester Community College, Great Path, Manchester, CT
 06045-1046

Darwin Day

February 11, 2006

*The Connecticut Association
 of Biology Teachers,
 Manchester Community College,
 and
 Benjamin Cummings/
 Addison Wesley
 are sponsoring
 Darwin Day
 including keynote speaker
Kenneth R. Miller,
 author of
"Finding Darwin's God,"
 to be held at
**Manchester
 Community College***



Presenters

SPEAKERS

Keynote Speaker:

Dr. Kenneth R. Miller Professor of Evolutionary Biology at Brown University, "Time to Abandon Darwin? Evolution and the Battle for America's Soul." Dr. Miller is author of "Finding Darwin's God," and coauthor of high school and college biology textbooks published by Prentice Hall.

Opening Speaker:

Dr. Tiffany Doan, Assistant Professor of Biology at Central Connecticut State University, "Evolutionary Medicine: How Can Evolutionary Biology Combat Human Epidemics such as AIDS?"

... and a special guest appearance at lunch by Charles Darwin *

*Donald Bockler

In the event of inclement weather, call
860.512.3002 or go to
www.mcc.commnet.edu

For directions :
<http://www.mcc.commnet.edu/about/directions.php>

"Plants of the Past" **Dr. Leeds Carluccio**, will instruct participants of this workshop on how to study the anatomical structure of plants from the Carboniferous Era. The plants are petrified in coal balls collected from Illinois. The study will employ the "peel technique" in which cell walls are removed from the fossils and embedded in cellulose acetate paper.

Dr. Jeremiah Jarrett, "The Ecology and Evolution of Inducible Defenses" Inducible defenses are alterations of an organism's phenotype in response to biotic cues such that the resultant phenotype is better suited to survive. The costs and benefits of this phenotypic plasticity will be discussed with a focus on marine invertebrate examples.

Dr. Robert P. Gendron, Indiana University of Pennsylvania, "Using Artificial Organisms to Teach Classification and Evolution" Caminalcules are artificial organisms with their own evolutionary "history." They can be used to teach the principle of biological classification and how to construct evolutionary trees. This exercise helps students see how the hierarchical classification system and evolutionary trees are related.

Dr. Thomas Terry, "Evolution of microbes as revealed by DNA homology" Comparing DNA sequences for appropriate genes allows construction of phylogenetic trees that reveal three domains of life and extensive lateral gene transfer. The rationale, insights and challenges of this approach will be described with examples.

Dr. Eric Simon, Using Technology to Teach Evolution. A variety of ways to use technology to teach evolution in an introductory biology course will be discussed, including use of "clickers" during lecture, and how pop culture can enliven the classroom environment.

"A Tour of the Galapagos Islands" **Dr. Eileen Roark** took a trip to the Galapagos Islands in summer of 2002 and will do a presentation about her experiences there. She is also planning a trip for 2007 and those who are interested can pick up information.

Dr. Kristine Larsen, "Big Bang, Big Crunch, or Big Problem—the Evolution of the Universe" Cosmology, the study of the structure, origin, and evolution of the universe sometimes appears to be more metaphysics than physics to the average citizen. This talk will discuss how we know what we know about the universe, what is still left to be learned, and what may never be known with certainty.

Jen Gresham, Jane Goodall Roots & Shoots Inst. "Making Evolution Accessible to Students" Through activities, discussion, and presentation, we will explore how to use a study of chimpanzees to make evolution more accessible to students. Participants will compare human and chimpanzee skeletons, DNA, locomotion and behavior as we discuss variation, inheritance, selection, and time.

Eli Meir, SimBio, Evobeaker: New simulation software for teaching evolution.

1
Workshop

2
Presentation

3
Workshop

4
Workshop

5
Presentation

6
Presentation

7
Presentation

8
Workshop

9
Workshop

Darwin Day Registration Form

Check one of the following boxes.

Price

- | | |
|---|---------|
| <input type="checkbox"/> Early Bird Feb 1, 2006 Nonmember | \$35.00 |
| <input type="checkbox"/> Early Bird Feb 1, 2006 Member | \$30.00 |
| <input type="checkbox"/> After February 1, 2006 Nonmember | \$50.00 |
| <input type="checkbox"/> After February 1, 2006 Member | \$45.00 |
| <input type="checkbox"/> Students | \$20.00 |

**Sign up as a nonmember and get
a FREE one year CTABT membership.**

Choice of box lunch sandwich:

_____ Roasted Pepper, Cucumber and Tomato

_____ Turkey _____ Tuna

Name _____

Address _____

Phone _____

Email _____

School Affiliation _____

Number your top five choices 1-5

- | | |
|--|--|
| <input type="checkbox"/> Workshop #1 | <input type="checkbox"/> Presentation #5 |
| <input type="checkbox"/> Presentation #2 | <input type="checkbox"/> Presentation #6 |
| <input type="checkbox"/> Workshop #3 | <input type="checkbox"/> Presentation #7 |
| <input type="checkbox"/> Workshop #4 | <input type="checkbox"/> Workshop #8 |
| <input type="checkbox"/> Workshop #9 | |

Make checks payable to "CTABT"

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