

Science Education Reform Workshop

The Reform of Introductory Science Courses for Non-science Majors Program of the Associated Colleges South

Furman University
16-17 September 2005

This third consortial workshop will provide an opportunity for grant recipients to share the design, implementation, and assessment of their new science courses for non-majors, and how they have disseminated their findings. The workshop will also aide the efforts of additional faculty to design, implement, and assess their courses.

Friday, 16 September 2005

6:15 P.M. Meet in Hotel Lobby to go to dinner
6:30 – 7:30 Dinner – **Trustees' Dining Room** [in Charles E. Daniel Dining Hall, # 18 on campus map]
7:30 – 8:15 Welcome – Leo Pezzementi (BSC), Silas Pearman (Furman)

Saturday, 17 September 2005

7:30 a.m. Meet in Hotel Lobby for transportation to Furman
8:00 – 8:30 A.M. Continental Breakfast – **Trustees' Dining Room**
8:30 – 8:45 Introductions and Welcome – Leo Pezzementi, John Snyder
8:45 – 9:15 The Need for Reform, Assessment, and Dissemination – Leo Pezzementi
9:15 – 11:30 **Presentation and Discussion of Grants Awarded in 2004**
9:15 – 9:45 *Redesign and Reimplementation of Environmental Biology*, Kelly Agnew, Hendrix College
9:45 – 10:15 *Redesign of Exploring Earth; an inquiry-based studio format geoscience course*, Glenn Kroeger, Trinity University
10:15 – 10:30 Break
10:30 – 11:00 *Codifying Materials for the Presentation of Scientific Investigations into 17th Century Dutch Art*, Erich Uffelman, Washington and Lee University
11:00 – 11:30 *HIV/AIDS: Development of a Thematic Non-majors biology course*, David Wessner, Davidson College
11:30 – 12:30 P.M. Lunch
12:30 – 1:50 **Presentation and Discussion of Grants Awarded in 2005**
12:30 – 1:00 *Re-energizing Superscience (2004) and Implementation of Re-energized Superscience Courses (2005)*, Kristy Stensaas and Bob Nevins, Millsaps College
1:00 – 1:15 *Evaluation of ecosystem services as the objective of field and laboratory activities to be added to an introductory course in Environmental Sciences*, Rosanna Cappellato, Rhodes College
1:15 – 1:30 *A Textbook Prototype for Non-science Majors Cancer Biology Courses*, Pamela Hanson, Birmingham-Southern College
1:30 – 1:45 *Integrative Biology at Trinity University*, Denise Pope and Kevin Livingstone, Trinity University
1:45 – 2:00 *Key Figures in Modern Physics*, J. David Turner, Furman University
2:00 – 4:00 **Consultation, Planning, and Presentation Session**
2:00 – 3:00 Faculty planning to submit a grant proposal will pair with grantees and members of the Program Committee to discuss their proposals and prepare 5-minute presentations on their proposed courses. See name tag color code [below] for groups.
3:00 – 3:15 Break
3:15 – 4:15 Presentations of preliminary plans for proposals
4:15 – 5:15 **Closing Session – Jeannette Norden**
5:15 – 5:30 Evaluation
6:00 – 6:15 Meet in lobby of Hotel to go to dinner
6:30 – 8:30 Dinner at the Sassafras Restaurant [within walking distance of the Hyatt]

This workshop is supported by the W.M. Keck Foundation of Los Angeles