

**Southeast Region Invitational NSF Workshop on “Integrative
Computing Education and Research (ICER): Preparing IT Graduates
for 2010 and Beyond”
Dallas, Texas
October 27-28, 2005**

Wednesday, October 26

6:00 - 9:00 PM Registration for Workshop (in Lobby of American Airlines Conference Center)

Thursday, October 27

7:00 – 8:30 AM Breakfast in the American Airlines Dining Hall

8:30 – 9:00 AM Registration for late arrivals

9:00 – 9:05 AM Welcome to the workshop (UNT Founding Dean Oscar Garcia)

9:05 – 9:20 AM Welcome and overview (Dr. Wei Zhao, Division Director CNS, NSF)

9:20 – 10:20 AM Each attendee will give a **5 minute** (max) presentation of their paper,¹ presenting their views on topics such as:

- *Preparing undergraduates for computing careers*: What are the biggest challenges that you face in your role (i.e., as an educator, employer, administrator, leader, other)?
- *Transforming the educational experience*: What might the community do to address the challenges that you identified above?
- *Models for transforming computing education*: What might an ideal undergraduate model for computing education look like in five years?
- *Inhibitors and strategies*: Can you identify inhibitors that might prevent the nation from achieving goals it sets for computing education? Can you identify strategies that may enable the transformation of university computing education throughout the nation?
- *Who might participate*: What stakeholders should be involved in designing strategies to catalyze the transformation of university computing education throughout the nation? What is the role of government in this process? Professional societies? Universities and faculty? Others?

10:20 – 10:30 AM Break

10:30 – 11:30 AM Continuation of participant presentations

11:30 - 12:30 PM Lunch

12:45 – 1:45 PM Presentation: “The Net Generation” video by Diana Oblinger with commentary and critique by Sheila Castaneda, Clarke College

¹All attendees should have already submitted an electronic version of their white paper for posting; if by some circumstance beyond their control they have not done so, then they are expected to bring 30 copies to be distributed at the meeting!

- 1:45 – 2:00 PM Break
- 2:00 – 3:30 PM Discussion by all participants on the topics presented during the morning session; Identification of specific issues and topics; formation of 4 to 5 small groups to address the specific topics that are identified
- 3:30 – 4:00 PM Break
- 4:00 – 5:00 PM Continued discussion by small groups on the issues that were identified and compilation of ways to address specific problems. Each group will designate a speaker for the group and a scribe to takes notes of the group’s discussion. These notes will serve as the basis for the group’s conclusions, to be presented the following morning.
- 7:00 – 9:00 PM Dinner. After-dinner speaker, Dan Reed

October 27

- 7:00 – 8:30 AM Breakfast
- 8:30 – 11:30 AM Continued small group discussions and writing of final report.
- 11:30 – 1:30 PM Lunch followed by Presentation: “L2L: Learning to Learn” by Dr. Murali Varansi, University of North Texas
- 1:30 – 1:45 PM Break
- 1:45 – 3:00 PM Small group presentations (10-15 minutes) to all participants followed by general summary and conclusions.
- 3:00 PM Dismissal of workshop participants with a thank you to all who attended.