



IOL 

Innovations in Online Learning

Our System Clicks

Agenda at a Glance

Tuesday, May 31, 2005

3:00-5:00 **Registration** *Capital Foyer*

Wednesday, June 1, 2005

8:00-5:00 **Registration** *Capital Foyer*

8:00-8:45 **Continental Breakfast** *Capital Foyer*

8:45-10:00 **Welcome and
Opening Keynote** *Capital B*

Welcome: Dr. Darcy Hardy

Opening Remarks:

Vice-Chairman Cyndi Taylor Krier,

The University of Texas System

Board of Regents

Keynote: Dr. Diana Oblinger

10:00-10:30 **Break** *Capital Foyer*

10:30-11:45 **Sessions** *Various*

12:00-1:30 **Lunch** *Capital A*

1:30-2:15 **Sessions** *Various*

2:30-3:15 **Sessions** *Various*

3:15-3:45 **Break** *Capital Foyer*

3:45-5:00 **Sessions** *Various*

5:00-7:00 **Reception** *Capital A*

Thursday, June 2, 2005

8:00-12:00 **Registration** *Capital Foyer*

8:00-9:00 **Continental Breakfast** *Capital Foyer*

9:00-9:45 **Sessions** *Various*

9:45-10:00 **Break** *Capital Foyer*

10:00-10:45 **Sessions** *Various*

11:00-11:45 **Sessions** *Various*

12:00-1:30 **Lunch** *Capital A*

Keynote: Dr. Chris Dede

1:30-3:30 **Library Round-Up** *Assembly A,B*

2:30-4:30 **CMS Shootout** *Capital B*

Featured Keynote Speakers

June 1, 2005 Keynote Address

From a Different Perspective

Dr. Diana Oblinger

Generational differences and dissimilar expectations often cause faculty, administrators, and staff to view programs and services differently than learners. This may be especially true when it comes to information technology. The mismatch of expectations may be particularly acute between the Net Generation and Baby Boomers, however, there are some surprises. This presentation explores the different perspectives of students, faculty, administrators, and employers as well as the implications for college and university practices and programs.



Dr. Diana Oblinger is the Vice President for EDUCAUSE's teaching and learning initiatives and directs the EDUCAUSE Learning Initiative. Previously Oblinger served as the Vice President for Information Resources and the Chief Information Officer for the 16-campus University of North Carolina System, and as a Senior Fellow for the EDUCAUSE Center for Applied Research. She was the Executive Director of Higher Education for Microsoft

Corporation and led the Institute for Academic Technology for IBM. Oblinger was on the faculty at Michigan State University and the University of Missouri-Columbia, where she also served as an academic dean. Oblinger is known for her leadership in teaching and learning with technology and distributed learning. A frequent keynote speaker, Oblinger has authored and edited numerous books and publications, including the award-winning *What Business Wants from Higher Education*. A graduate of Iowa State University, she has received numerous awards, including Young Alumnus of the Year from her alma mater. Oblinger is a member of the UT TeleCampus National Advisory Board.

“Neomillennial” Learning Styles: Implications for Higher Education

Dr. Chris Dede

This address will help participants anticipate the challenges and opportunities posed by students of any age with “neomillennial” learning styles. Emerging digital media are shaping motivations, attributes, and social patterns into types of learning styles quite different than those based on sensory, personality, or intelligence factors. “Neomillennial” learners seek distributed learning situations that interweave face-to-face interactions with communication and shared experiences across distance and time. This talk will demonstrate and discuss examples of middle and high school distributed-learning communities based on immersive game-like educational simulations, then will describe implications for higher education.

Dr. Chris Dede is the Timothy E. Wirth Professor of Learning Technologies at Harvard’s Graduate School of Education. His funded research includes a grant from the National Science Foundation to aid middle school students learning science via shared virtual environments with digitized museum artifacts, a grant from the Joyce Foundation to aid the Milwaukee Public Schools in implementing a knowledge portal for teacher professional development, and a grant from Harvard to explore applications of wireless handheld devices in higher education. Dede recently served as a member of the National Academy of Sciences Committee on Foundations of Educational and Psychological Assessment, a member of the U.S. Department of Education’s Expert Panel on Technology, and a member of the International Steering Committee for the Second International Technology in Education Study. In 1996-97, he served as a Senior Program Director at the National Science Foundation. He is a member of the Board of Directors of the Boston Tech Academy, an experimental small high school in the Boston Public School system, funded by the Gates Foundation and is a member of the UT TeleCampus National Advisory Board. Dede recently completed a co-edited volume titled *Scaling Up Success: Lessons Learned from Technology-based Educational Innovation*, published by Jossey-Bass in January, 2005.



Conference Sessions

The conference centers around four areas of expertise:



Teaching and Learning



Student and Faculty Services



Course Development



Technology

Wednesday, June 1, 2005

10:30 a.m. – 11:45 a.m.



**Advising Students in Cyberspace:
Problems and Suggestions**

Faculty advisers discuss advising the truly distant student. Issues faced by students and faculty advisors will be identified and discussed, and procedural, technological, and human solutions will be proposed. Special attention will be paid to the problems of scale – as the number of students increase, our ability to handle advising needs decreases. Time will be provided for audience idea sharing.

Audience: Primarily intended for those who advise online students, but of equal value to those who teach online and answer questions outside of course content.

Presenters: Caryl Segal, Lois Hale, Nancy Hadaway, Susan Ritter

Institutions: UT Arlington, UT Brownsville, UT Permian Basin



**Students Becoming Agents of Their
Own Learning through Online
Collaborations**

This session will explore ways in which faculty members can promote deeper student learning in

online classes through collaboration and student interactions. Faculty will demonstrate ways in which they use peer-to-peer interactions, synchronous and asynchronous discussion. Pedagogy, course design and use of technology will be discussed.

Audience: Faculty

Presenters: Michael Sullivan, Kathy Schmidt, Kathleen Tice, Beverly Boulware

Institutions: UT Arlington, UT Brownsville



Bridging the Educational and Technical Divide: Working Cooperatively for

Course Development

How can one simplify the course development process and make it an enjoyable experience? This presentation will highlight new ways in which digital media specialists and faculty work together toward the shared goal of bridging the educational and technical divide of online course development. Learn the secrets of working with faculty from the viewpoint of course developers and recommendations for faculty for maximizing their partnership with their technology colleagues.

Audience: Faculty and production staff

Presenters: Shannon Bedrick, Scott Campbell, Ellen Treadway

Institutions: UT El Paso, UT Permian Basin



Repositories & Online Resource Collections:

Evolution, Examples and Educational Value

Management of locally created information has emerged as a critical activity at universities around the world. This session will give an overview of institutional repositories and two implementations that utilize databases and online resource collections: UTOPIA for educational resources and ITAR for assessment and evaluation resources. It will demonstrate to attendees their uses and educational value.

Audience: The primary audience is faculty, authors, editors, technologists, and instructional program managers.

Presenters: Mark McFarland, Meredith Ault, Joel Heikes

Moderator: Terry Barksdale, UT TeleCampus

Institution: UT Austin

1:30 p.m. – 2:15 p.m.



Wrapping Instructional Design Principles into Blackboard Training

This presentation will focus on indirectly incorporating pedagogical uses of Blackboard during a training session. This session will describe UT Austin's Blackboard faculty training program and how we acknowledge the need for instructional design during each session.

Audience: Support staff involved in training or supporting faculty on the uses of Blackboard. No experience needed.

Presenter: Mario Guerra

Institution: UT Austin



Supporting Collaborative Teams using Windows SharePoint Services (WSS)

Windows SharePoint Services (WSS) is a low-cost web portal platform designed to support collaborative teams. This session will demonstrate the information sharing features of SharePoint. To illustrate its ease of use, an actual site will be created during the session.

Audience: Any person who has a need to organize, lead, or support collaborative teams in a work or instructional setting.

Presenters: Lewis Watkins, Tracie Spillar

Institution: UT System Administration



Real World Challenges in Building an ePortfolio Application

UT Austin's Bridging Disciplines Program evaluates its students based on diverse accomplishments and experiences. The Connexus ePortfolio application facilitates this process by unifying students' experiences into a single online resource. We illustrate challenges and solutions in implementing this pedagogical goal.

Audience: Instructional technologists, designers and web developers, administrators and project managers who are interested in online student portfolios and related technologies. No particular technical background assumed.

Presenters: Elias Ponvert, Malaika Boyd

Institution: UT Austin



Improving Instruction with the Ongoing Course Assessment (OCA) System

The Ongoing Course Assessment (OCA) system is a tool that has been developed to transform the learning experience for students at UT Austin.

Through the use of the Internet, faculty are able to administer online surveys to their students to gather feedback while a course is in session.

Audience: Organizations that support faculty in incorporating instructional technology to transform learning and individuals in charge of developing and/or maintaining such systems.

Presenters: Kyung Huh, Shan Evans

Institution: UT Austin

2:30 p.m. – 3:15 p.m.



Managing Student Communication in the Online Classroom

Interactivity is an essential part of an online course. In one class the sound of crickets can be heard on the discussion board. Another class has more exchanges than Wal-Mart on December 26th. This session will identify techniques to manage interactivity in courses on both ends of the spectrum.

Audience: Faculty

Presenter: Marilyn Kaplan

Institution: UT Dallas



An Open Source Collaboration of Tools: Sakai, SAMigo

The community open source project, Sakai, provides educational institutions with a unified framework for pre-integrated collection of open source tools. DIIA explores its capabilities and the various tools integrated into the framework. The

Sakai Assessment Manager (SAMigo), one of the tools developed for Sakai, is one of its sophisticated open source educational assessment managers available.

Audience: People who are aware of various content management systems available in the educational community.

Presenters: David Campbell, Sejal Patel

Institution: UT Austin



The HOMEBOOK: A Concept for Online Instruction

The homebook concept shares characteristics with the textbook and the homepage. The concept is deemed appropriate for online instruction via the Internet. This presentation is based on the experience of using a homebook in the classroom. The advantages of the homebook include: 1) lifelong learning; 2) integration of the Internet into the course work; and 3) protection of intellectual property rights of authors and online instructors. Student survey data are used to test the level of acceptance of online instruction by the students.

Audience: Instructors without any experience with online teaching or those with substantial experience can benefit from this session.

Presenter: Davor Jedlicka

Institution: UT Tyler



Recipe for Success - Innovative Idea to Mission-Critical System

What are the ingredients for a successful implementation of a course management system such as Blackboard? How do you coordinate with key offices across campus to manage these ingredients to meet demands? This presentation will focus on the back-end data integration and infrastructure needs along with the front-end faculty support and training models.

Audience: Anyone with an interest or experience in implementing a course management system.

Presenters: Carolyn Thomas, Michael Cerda

Institution: UT Austin



Advanced Design Methodologies

The UTTC Course Development team will demonstrate recent special projects and lead a discussion on how to reduce development processes while expanding design options. The discussion will focus primarily on using Cascading Style Sheets in conjunction with templates.

Audience: Production staff

Presenters: Michael Anderson, Jenni Freeman, Ross Henderson, Danny Hummel, George Irwin, Laura Steffen

Institution: UT TeleCampus



Paid in Full: Utilizing a Wealth of Library Resources

Attendees will gain practical aids for integrating library services and materials into their online courses. To maximize student success, these aids will emphasize collaboration, research assistance, active student participation, legal/copyright issues, and information literacy.

Audience: Faculty, production staff, and librarians

Presenters: Devin Zimmerman, Darcy Del Bosque, Rita Wilson, Alexia Thompson-Young, Emilie Algenio

Institutions: UT Austin, UT San Antonio



Enhancing Student Engagement in Online Learning Environments

This session will explore ways in which two faculty members have used technology to engage students in the learning process. Presenters will share examples of the use of online polls to enhance social interaction for consensus building, to gauge student opinion regarding key issues, or to determine class-wide comprehension of important concepts. A web-based evaluation system that supports self, peer, and group assessments in online collaborative learning environments will be demonstrated.

Audience: Faculty

Presenters: Joseph René Corbeil, Paul Resta, Marylu de Hoyos

Moderator: Michael Sullivan, UT Brownsville

Institutions: UT Austin, UT Brownsville



Online Learning in Basic Science and Nursing Education

This session will explore ways in which science, physical therapy and nursing educators have addressed the specific needs of their online learners. The development, instruction and evaluation of a three-course community health sequence, a hybrid dual-credit chemistry course, and a basic science course for a clinical setting will be discussed.

Audience: Faculty and production staff

Presenters: Elizabeth Anderson, Zena Mercer, A.R. Bergstrom, Patricia Brewer

Moderator: Rebekah Nix, UT Dallas

Institutions: UT Austin, UTHSC-San Antonio, UTMB Galveston

Thursday, June 2, 2005

9:00 a.m. – 9:45 a.m.



Beyond Blackboard: Scaling Online Instruction to Meet Student Demand

Information in cyberspace employs a team-taught approach to technology and instruction, providing just-in-time curriculum to undergraduates. To meet the demands of moving the course online and to accommodate larger classes, we have developed a scalable system of multi-level course development involving a collaborative team of instructors and teaching assistants. We offer both high and low-tech solutions to support growing class enrollment.

Audience: Those who want to move beyond the basic Blackboard toolset to incorporate innovative methods for online course development and instruction.

Presenters: Quinn Stewart, Samuel Burns, Carlos Ovalle

Institution: UT Austin



Are You Up the Media Stream Without a Paddle?

Streaming media is gaining popularity in

online learning. This presentation will demonstrate ways UT Dallas is using video streaming effectively in online MBA courses. An instructional session will demonstrate how to stream a video using free software and a standard web server.

Audience: Online instructors, instructional designers, and program administrators will benefit from this session. Attendees should have an intermediate understanding of computer and Internet technology.

Presenter: Darren Crone

Institution: UT Dallas



Improving Security, Collaboration, and Resource Sharing with Shibboleth

Shibboleth provides a mechanism that allows students and faculty to authenticate themselves and access resources at any campus using their local campus sign-on credentials. This presentation provides an overview of Shibboleth and identity management technologies and processes with a focus on their use in the higher education environment. Session attendees will learn how Shibboleth and ancillary identity management processes can become an enabling factor for distance learning applications that preserve privacy while maintaining security and improving the user experience.

Audience: Managers, technical staff, developers, and faculty members who desire an overview of Shibboleth and identity management technologies. Basic knowledge of distance learning and web technologies is assumed.

Presenter: Paul Caskey

Institution: UT System Administration

10:00 a.m. – 10:45 a.m.



Collaborating for Student Learning: Blackboard and the Library

UT Austin instructional technologists and librarians are collaborating to integrate the library into Blackboard, the campus Course Management System (CMS). Presenters will discuss this collaboration, including an overview of CMS; using technology as a teaching tool; faculty outreach and

training; and incorporating library resources, reference services and information literacy into a CMS.

Audience: Course Management Systems support staff, librarians, faculty and production staff. No specialized background is necessary.

Presenters: Jenifer Flaxbart, Michele Ostrow, Joe Sanchez

Institution: UT Austin



Gathering Feedback from Students Using Ongoing Course Assessment (OCA)

The Ongoing Course Assessment (OCA) tool was created within UT Austin. It allows instructors to design their own surveys and to seek feedback from their students at any time during the semester. Results are anonymous and displayed in tables and graphs. Strategies for creating surveys will also be presented.

Audience: Faculty, production staff, technical support personnel

Presenter: Pamela Brochhausen

Institution: UT Austin



Do You Skype Yet? Use of VoIP Technology in Distributed Learning

This paper examines instructional use of Skype®, a synchronous communication freeware program, in two graduate web-based courses in an Educational Technology program. Skype® was piloted and adopted to conduct group deliberations. To collect student feedback, open-ended questions were used and informal Skype® conversations with course participants were made. Preliminary findings suggest that the freeware program is deemed an effective tool to build synchronous interaction and to provide just-in-time clarification and information. Significance, recommendations, and challenges are addressed.

Audience: Online instructors are targeted at this presentation.

Presenter: Michael Sullivan

Institution: UT Brownsville



An Enterprise-wide Learning Solution: Process, Pitfalls, and Lessons Learned

Education is a vital part of the mission of M. D. Anderson Cancer Center. Learning activities within the institution take many forms including professional development for staff, credit-granting academic courses, patient education, public education, continuing education for clinicians, and training required for compliance with regulatory and accrediting bodies. Providing effective administration, delivery, and content management capabilities for such a disparate group of learners presents a unique challenge. In response, M. D. Anderson initiated the Enterprise Learning Solution project to select and implement a comprehensive solution including a Learning Management System, Learning Content Management System, Testing and Reporting Tool, and a Virtual Classroom.

Audience: Anyone who is considering acquiring a Learning Management System or establishing an enterprise-wide solution to support learning and training activities within their organization.

Presenters: Nancy Hill, Larry Jones, Mickey Donnelly

Institution: UT M. D. Anderson Cancer Center

11:00 a.m. – 11:45 a.m.



Got Global? Globalization, Internationalization, Localization, and Translation at UTA

“Globalization, Internationalization, Localization, and Translation” (GILT) is a hybrid class offering, first delivered in 2000 at UT Arlington. This presentation will trace the evolution of the GILT course, positing that rapid development in the field of localization fueled curricular innovation.

Audience: Faculty

Presenter: Pete Smith

Institution: UT Arlington



Faculty Concepts – Student Development: ~FAST Tex Best Practices

The Faculty And Student Teams for Technology program supports a resource pool of technology-literate students to help UT Austin fac-

ulty incorporate technology in teaching and learning for their courses and beyond. Learn how the program works and gain inspiration from a showcase of five ~FAST Tex-supported innovative online learning projects.

Audience: Faculty, students, and staff interested in instructional technology development, best practices, and support. No experience necessary.

Presenters: Suzanne Rhodes, Michael Sweet, Alex Games

Institution: UT Austin



Redesigning for Efficiency with a Solution for Scale Management

This presentation explains how problems with large class size and administrative demands on instructor time can be significantly alleviated with the use of teams and a mini-tutorial. The amount of student-to-student interactions increased while total interactions remained very manageable. Also, the amount of administrative demands on the instructor's time decreased significantly.

Audience: Faculty and production staff

Presenter: Jane LeMaster

Institution: UT Pan American



Lecture Webcasting at UT Austin: Preliminary Results

UT Austin uses three commercial webcasting tools to deliver traditional classroom lectures online – Sonic Foundry Mediasite, VBrick VBXCast, and Envivio 4Forum. This presentation compares these tools and relates preliminary results of an impact study of webcasting in large classrooms.

Audience: Audience should be familiar with basic computer networks, media servers, streaming media, graphics and video file formats.

Presenters: Coco Kishi, Kurt Bartelmehs, Paul Williams

Institution: UT Austin

1:30 p.m. – 3:30 p.m.

Library Round-Up: Steer Your Students to

Innovative Resources

Join representatives from UT System libraries to learn what library services are available for integration into online, hybrid or web-enhanced courses.



The UT System Ask-a-Librarian Chat Service will have a live demo. This valuable service is staffed by UT System librarians, and is available to students System-wide. Learn more about including a link to the chat service inside a course!

The Library Round-Up will also feature the presentation of the UT Library Directors Award for Library Resource Integration. The award recipient was chosen in acknowledgement of the campus team's efforts to integrate the library into the curriculum.

2:30 p.m. – 4:30 p.m.

Courseware Shootout

Watch as four of the leading Course Management System providers (Blackboard, Desire2Learn, eCollege, and WebCT) develop assigned projects “on the spot” and share results with participants. Beginning at 1:30 p.m., courseware participants will have one hour to complete a list of general

tasks such as: create a course; move content into it; create a test; and more.

Attendees are free to watch and ask questions as the

companies complete the tasks.

Starting at 2:30 p.m., each group will then have 30 minutes to present their tasks, showing how it was done, and highlighting the unique features of the product to attendees.



IOL Committee Members

The IOL committee members were pleased to receive such a large number of quality proposals for this conference. Regrettably, we simply did not have time in the schedule to accept as many as we would have liked. We thank everyone who submitted and urge you to do so again next year. Proposal reviews were conducted by the following committees:

Student and Faculty Services

Terry Barksdale, Chair
UT TeleCampus

Joni Thomas
UT Pan American

Ray Boldreghini
UT Arlington

Kathleen Yopez
UT Dallas

Teaching and Learning

Lori McNabb, Chair
UT TeleCampus

Rebekah Nix
UT Dallas

Nancy Hadaway
UT Arlington

Kay Pleasant
UT Tyler

Jane LeMaster
UT Pan American

Audree Reynolds
UT El Paso

Rodger Marion
UTMB – Galveston

Michael Sullivan
UT Brownsville

Patricia McGee
UT San Antonio

Course Development

Jennifer Freeman, Chair
UT TeleCampus

Chris Jennings
New York University

Oneita Burgess
UT Permian Basin

Paul Resta
UT Austin

Technology

Kristin Logan, Chair
UT TeleCampus

Jeff Getchell
UT Pan American

Carolyn Awalt
UT El Paso

Dan Peters
UT Austin