KU TEACHING SUMMIT 2008

Making Learning Visible

August 19, 2008

Sponsored by the Provost’s Office, KU Medical Center, and the Center for Teaching Excellence

8:00–8:20 Registration
Northwest Budig entrance
Continental breakfast served in CTE, room 135, until 8:20 a.m.

8:30–8:35 Welcome
Richard Lariviere, Provost
Budig 130

8:35–8:50 Departmental Award for Exceptional Teaching & Learning
Barbara Atkinson, Executive Vice Chancellor
Richard Hale and Catherine Weaver, CTE advisory board representatives
Budig 130

8:50–9:20 Assessing Teaching & Learning: Establishing a Culture
of Experimentation & Evidence
Robert Thompson, Duke University
Professor Thompson will describe his experiences at Duke with reshaping undergraduate education and assessing learning outcomes of curricular and pedagogical initiatives at the college and department/program levels. Duke’s assessment approaches include student self reports and direct measures, focused on critical thinking and writing. Thompson will discuss implications for learning from systematic measurement of students’ intellectual work.
Budig 130

9:20–9:40 Door Prizes
Budig 130

9:40–10:00 Break
Refreshments are available on the 4th and 5th floor of Summerfield.

10:00–10:40 BREAKOUT SESSIONS I

A. Closing the Loop
Debby Daniels, Holly Storkel, & Jane Wegner, Speech-Language-Hearing
Summerfield 407
This session will describe how the Intercampus Program in Communication Disorders identified and measured learning goals in the MA speech-language pathology program. We will share our process of developing measurable, program-wide goals and levels of performance, as well as the program rubric itself. In addition, we will discuss our initial implementation of a program portfolio for entering students and provide an example portfolio.

B. Tracking Learning: Graduate Nursing Evaluation Matrix
Wanda Bonnel & Kathleen Brewer, Nursing
Summerfield 506
This session will focus on the Graduate Evaluation Matrix, used by School of Nursing faculty to evaluate our masters in nursing students’ competencies. Structure, process, and outcomes of the students’ final oral examinations will be described. Assessment qualities such as evaluation compiled from data over time, from multiple perspectives, and involving a synthesis of evaluation data will be considered.
C. Making Integrative Learning Visible: Learning About Antiracism Across Spaces  
Zanice Bond dePerez, Moira Ozias, & Terese Thonus, Writing Center  
This session highlights a unique tool for assessing learning, which incorporates classroom instruction, interpersonal interaction, and writing center experiences. Sparked by conversations about the effects of systematic racism on student writing experiences, a group of KU writing consultants engaged in a cross-disciplinary dialogue on race, racism, and anti-racist practice, designed to facilitate procedural learning and transformed practice. We used writing and video interviews to make consultants’ learning visible and will share these artifacts and our assessment of them with session participants. The session will include a discussion about how similar processes and assessment tools can be used to promote student learning in other classroom spaces.

D. Creating College Classroom Learning Communities  
Robert Harrington, Psychology & Research in Education  
Classroom learning communities are groups of learners engaged in a common goal of shared learning and a sense of group belonging. Emphasis is on the success of the group and not the individual alone. In this session, participants will learn how classroom learning communities can stimulate student motivation to learn, instill a sense of belonging, and engender a sense of ownership in personal and group outcomes. Session participants will also discover how classroom learning communities can reduce the overly competitive atmosphere of a course and encourage students to collaborate in peer mentoring and other supportive learning activities.

E. Teaching Biostatistics to Non-statisticians: Podcasts & Student Groups  
Byron Gajewski, Allied Health, & Matthew Mayo, Biostatistics  
Members of the Department of Biostatistics faculty have been teaching biostatistics to non-statisticians at the Medical Center since 1998; two of these members are Byron Gajewski and Matthew Mayo. Byron has integrated podcasts into a traditional “brick and mortar” course, and Matt has developed some innovative uses of student groups. We’ll discuss how one might balance web- and group-based learning.

F. The Documentation of Multiple Sources for Teaching Evaluation  
Robert Goldstein, Geology, & Richard Levy, Law  
Recently, the Task Force on the Assessment of Teaching and Learning completed a study and report on the evaluation of teaching at the University of Kansas. The Task Force’s recommendations, which have been endorsed by administrative and governance leaders, emphasize the recognition of multiple sources of information in the evaluation of teaching, including appropriately constructed student evaluations, peer evaluations, course materials, examples of student learning, and an instructor’s own representations of teaching. The session will discuss application of this approach in various contexts within the University.

G. Portfolio Assessment: Pros & Cons  
Greg Madden, Applied Behavioral Sciences; Michael Moody, Public Administration; & Daniel Spencer, Business  
Portfolios provide a central location for students to keep materials demonstrating their competencies in each of the areas targeted as critical to a liberal arts or post baccalaureate education. Presenters in this session will discuss how a competency rubric was developed by the Department of Public Administration and how electronic portfolios have been used by their students pursuing the MPA degree. Portfolio use beyond KU will be discussed, as well, including information about what Alverno and Illinois State University are doing, a comparison of the two approaches, and an examination of the pros and cons of each. Also addressed will be the use of portfolios at the undergraduate level, with a frank discussion of the difficulties associated with requiring students to complete portfolios and requiring faculty members to evaluate the efficacy of their teaching by assessing the portfolios of their graduates.
H. From Talking at Dinosaurs to Generating Consensus: Tactics for Changing Departmental Culture Around Learning Goals

**Tony Rosenthal & Leslie Tuttle, History**

How can discussions of teaching and curriculum move from scattered hallway encounters to the epicenter of departmental business? Is it worth the journey? Two historians tell the tale of how their department started a transformation at both the undergraduate and graduate levels, evolving from gossip, fear, and defensiveness over teaching to problem solving, largely by refocusing the conversation on how students are trained and what skills they need to acquire. Along the way they witnessed colleagues forming groups spontaneously, experimenting with different methods and networks and bringing students into the conversation. What is happening in your neighborhood?

I. A Learning Communities Assessment Model & Practice

**Richard Hale, Aerospace Engineering; Gail James, Learning Communities; Katherine Rose-Mockry, Student Involvement & Leadership Center; Michael Vitevitch, Psychology; & Kathryn Nemeth-Tuttle, Student Success**

Through the Washington Center for Improving the Quality of Undergraduate Education, the KU Learning Communities Program has received an assessment grant to begin a process of program research and analysis. The Collaborative Assessment Protocol is one key component of this process; it focuses on the design of assignments to promote clear understanding and correlation between goals and student learning. This protocol introduces a process of deep reflection for faculty, encouraging perspective on course planning to promote improved assessment. This session presents members of the Assessment Team of the Learning Communities Program, who will offer an overview of how they have worked to re-think and revise the design of their LC’s, with subsequent improvements to assignments.

J. Peer Review in Real Time

**Brian Donovan, Sociology, & Catherine Weaver, Political Science**

Participants will discuss how to conduct faculty peer review of teaching and how peer reviews should be utilized as part of an overall assessment of a faculty members’ teaching performance. Brian Donovan will conduct a “real time” peer review of Kate Weaver’s teaching portfolio, discussing how in-class observation would be conducted and what materials from Kate’s teaching would be collected and examined. Brian and Kate will also discuss how various teaching materials (student evaluations, syllabi, lecture materials, student work, course portfolios, etc.) should be analyzed in conjunction with an interactive discussion between reviewer and reviewee regarding teaching philosophy and approaches. This session will be especially helpful for faculty members preparing for their third-year review, tenure review, and/or review for promotion in rank.

K. Enhancement in Introductory Mathematics Courses

**Estela Gavosto, Mathematics**

Participants in this session will see the results of a program supported by the Initiative for Maximizing Student Diversity at the University of Kansas (MBRS, National Institute of Health), aimed at improving the success of students with a diverse background in some introductory math courses. Key elements of the enhancement are the addition of a class period and the integration of the so-called Treisman seminar with the course. We will describe recent efforts in measuring the relationship between the use of class time and students’ learning.

**Essential Teaching Practices sessions:**

Whether you’re a novice instructor, an experienced teacher, or somewhere in between, these sessions will provide practical suggestions you can implement during this coming year:

L. The Basic Elements of Using Live Distance Learning

**Debra Hedden, Music & Dance**

This session is designed to demonstrate how live, interactive distance learning situations work and includes learning the basics about equipment, the adaptations the instructor must make to deliver quality learning experiences, management strategies for teaching to various classrooms in different geographical locations, and the pros and cons of teaching through this medium.
M. Teaching the New Generation: Or Making the Best of Our Differences

John Delzell & Anne Walling, Family & Community Medicine

Academic institutions face unprecedented changes over the next decade in regard to generational shifts. The literature indicates significant differences between the Baby Boomers, Gen X, and Gen Y—differences that could seriously hamper the functioning of departments, the professional advancement and productivity of individuals, and how learners are taught. This session considers to what extent these intergenerational differences can be used proactively to enhance teaching.

10:55–11:35 BREAKOUT SESSIONS II

These sessions, first offered during Breakout I, will repeat at this time:

A. Closing the Loop
B. Tracking Learning: Graduate Nursing Evaluation Matrix
C. Making Integrative Learning Visible: Learning About Antiracism Across Spaces
D. Creating College Classroom Learning Communities
E. Teaching Biostatistics to Non-statisticians: Podcasts & Student Groups
F. The Documentation of Multiple Sources for Teaching Evaluation

Essential Teaching Practices session:
L. The Basic Elements of Using Live Distance Learning

Sessions N and O will be offered only once:

N. Writing & Critical Thinking in a Discipline: Examples from Biology

Robert Thompson, Duke University

At Duke, faculty members in biology have analyzed the quality of critical thinking found in honors theses and in open-ended course assignments. In this session, Prof. Thompson will describe the assignments and the rubrics developed and used by faculty members, inviting participants to consider how this could be done in other fields.

O. Beyond the Senior Interview: Portfolios & Standardized Tests as Ways to Measure Student Learning at KU

Dan Bernstein, CTE/Psychology; Meghan Kuckelman, English; & Deb Teeter, OIRP

KU has a long history of describing student learning through interviews of seniors, and our community is now more interested than ever in how we use what we learn about our students. Two additional approaches to student learning are being tried out by KU faculty members, analyzing student work from KU classes and standardized essay tests used at many universities. This session will describe the two new methods, explain how they are being evaluated at KU, and ask the audience to discuss the options available.

These sessions are new during Breakout II:

P. Sustainability Across the KU Curriculum

Jeff Severin, Environmental Sustainability Center, & Stacey Swearengen White, Architecture & Urban Planning

Issues of global sustainability, which address environmental improvement, economic prosperity, and social responsibility, provide engaging opportunities for classroom focus across the KU campus. But what does it mean to teach "sustainability"? This session will explore opportunities, rewards, and challenges of integrating sustainability into the learning goals of many types of courses. Working from one or two examples of current sustainability issues, participants will consider how they might incorporate these issues into their teaching. The goal of this session is to create the foundation for a CTE Working Group to begin in the fall semester.
Q. The Learning Commons: Enhancing Learning Through Services & Space

Jennifer Church-Duran, KU Libraries; Lori Reesor & Kathryn Nemeth Tuttle, Student Success

With the leadership of KU Libraries, Student Success and Libraries staff are exploring the development of a Learning Commons in Anschutz Library. The focus of this project is to create flexible environments that support learning through centralized access to expertise and space for active learning and collaboration between students, faculty, and staff. Inspired in part by “Studying Students,” the Undergraduate Research Project at the University of Rochester, we are envisioning ways to bring together space, technology, and pedagogy to foster exploration and inquiry. Join us for a discussion and help develop a vision of how innovative use of space and services can facilitate learning here at KU.

R. The PLUS Difference: Peer-Led Undergraduate Supplementary Discussions

Jim Orr & Lynn Villafuerte, Molecular Biosciences

In large lecture classes, supplementary discussions scheduled in addition to the standard lecture complement these courses as they provide opportunities for students to interact in a small classroom setting. This session will explore the benefits of using interactive sessions facilitated by peer leaders in order to bridge the gap that frequently exists in large lecture classes between teaching and learning.

S. Using Service-Learning to Fully Engage Students

Raquel Alexander, Business, & Andi Witczak, Center for Service Learning

Service learning is a way to fully engage students in course material. Discussion will focus on how to develop and coordinate a service learning project within a course. Professor Alexander will talk about her experience using service learning in her tax research course.

Essential Teaching Practices session:

T. Improving Classroom Discussion: Invention, Imitation, & Evaluation

Kris Bruss, Communication Studies

Classroom discussion is promising in theory but often disappointing in practice. In this session, participants will learn about three strategies for improving classroom discussion: invention, imitation, and evaluation. The strategies, informed by public speaking pedagogy and tested in a year-long interdisciplinary humanities course, focus on discussion as a communication ability, one that improves with instruction and practice, much like writing and speaking. During the session, participants will have the opportunity to talk about how they might adapt the strategies for use in their own classes.

11:50–12:30 BREAKOUT SESSIONS III

Sessions U and V will be offered only once:

U. Assessment of Academic Writing as a General Intellectual Skill

Robert Thompson, Duke University

Duke faculty members have chosen to use a locally developed framework for evaluating writing, rather than a standardized assessment. Prof. Thompson will describe the locally-developed rubric and provide examples of how data from the rubric and from student’s self-report were applied to student work. He will also describe Duke’s evaluation of the impact that instruction in the revision process has on student writing. Participants will be invited to consider the best way to evaluate writing quality in their own contexts.

V. Grading with Rubrics: How to Increase Efficiency & Improve Student Learning at the Same Time

Dana Atwood-Blaine, Education Administration; Meghan Kuckelman, English; & Holly Storkel, Speech-Language-Hearing

Rubrics can be used to assess learning outcomes at multiple levels, such as in general education, major programs, and individual courses. This session will use examples to introduce the benefits of developing and implementing rubrics for these various purposes.
Sessions P–T will repeat during this time:
P. Sustainability Across the KU Curriculum        Summerfield 514
Q. The Learning Commons: Enhancing Learning Through Services & Space Summerfield 409
R. The PLUS Difference: Peer-Led Undergraduate Supplementary Discussions Summerfield 501
—note room change
S. Using Service-Learning to Fully Engage Students Summerfield 503

Essential Teaching Practices session:
T. Improving Classroom Discussion: Invention, Imitation, & Evaluation Summerfield 119

In addition, the following sessions, first offered in Breakout I, will repeat at this time:
G. Portfolio Assessment: Pros & Cons Summerfield 413
H. From Talking at Dinosaurs to Generating Consensus: Tactics for Changing Departmental Culture Around Learning Goals Summerfield 401
I. A Learning Communities Assessment Model & Practice Summerfield 507
J. Peer Review in Real Time Summerfield 428
K. Enhancement in Introductory Mathematics Courses Summerfield 505

Essential Teaching Practices session:
M. Teaching the New Generation: Or Making the Best of Our Differences Summerfield 426

Poster Session
4th floor Summerfield hallway
During the breaks, faculty members will share ways they have benefitted by partnering with various offices. Stop by and talk with these colleagues:

The Graduate Writing Fellow: A Successful Pilot Program—Zanice Bond dePerez, Cheryl Lester & Terese Thonus

12:30–1:00 LUNCH
4th floor Summerfield hallway
Pick up a box lunch from tables across from rooms 405 and 407, then join an informal discussion:

Developing Instructional Teams to Improve Learning—Summerfield 403
with Jennifer Church-Duran, Andrea Greenhoot, & Catherine Weaver

Evaluating Learning in Professional Schools—Summerfield 405
with Helen Connors, Keith Diaz Moore, & Rick Ginsberg

Engaging Faculty in New Dimensions of Assessment—Summerfield 407
with Lisa Friis & Dan Spencer

Peer Review of Teaching—Summerfield 424
with Dan Bernstein & Chris Haufler

Strategies for Assessment of General Education/Learning—Summerfield 426
with Robert Thompson & Provost Richard Lariviere
## Breakouts Summary

<table>
<thead>
<tr>
<th>Room</th>
<th>Breakout I: 10:00–10:40</th>
<th>Breakout II: 10:55–11:35</th>
<th>Breakout III: 11:50–12:30</th>
</tr>
</thead>
<tbody>
<tr>
<td>119</td>
<td>T. Class Discussions</td>
<td>T. Class Discussions</td>
<td></td>
</tr>
<tr>
<td>127</td>
<td>L. Live Distance Learning</td>
<td>L. Live Distance Learning</td>
<td></td>
</tr>
<tr>
<td>401</td>
<td>H. Talking at Dinosaurs</td>
<td>H. Talking at Dinosaurs</td>
<td></td>
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<tr>
<td>403</td>
<td>D. Classroom LCs</td>
<td>D. Classroom LCs</td>
<td></td>
</tr>
<tr>
<td>405</td>
<td>F. Teaching Evaluation</td>
<td>F. Teaching Evaluation</td>
<td></td>
</tr>
<tr>
<td>407</td>
<td>A. Closing the Loop</td>
<td>A. Closing the Loop</td>
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<tr>
<td>409</td>
<td>Q. Learning Commons</td>
<td>Q. Learning Commons</td>
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<tr>
<td>413</td>
<td>G. Portfolio Pros &amp; Cons</td>
<td>G. Portfolio Pros &amp; Cons</td>
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<tr>
<td>424</td>
<td>E. Podcasts &amp; Student Groups</td>
<td>E. Podcasts &amp; Student Groups</td>
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</tr>
<tr>
<td>426</td>
<td>M. Teaching New Generation</td>
<td>M. Teaching New Generation</td>
<td></td>
</tr>
<tr>
<td>427</td>
<td>N. Writing &amp; Critical Thinking</td>
<td>U. Assessment of Writing</td>
<td></td>
</tr>
<tr>
<td>428</td>
<td>J. Peer Review in Real Time</td>
<td>O. Beyond Senior Interview</td>
<td>J. Peer Review in Real Time</td>
</tr>
<tr>
<td>501</td>
<td>C. Integrative Learning</td>
<td>C. Integrative Learning</td>
<td>R. PLUS Difference</td>
</tr>
<tr>
<td>503</td>
<td>S. Using Service-Learning</td>
<td>S. Using Service-Learning</td>
<td></td>
</tr>
<tr>
<td>505</td>
<td>K. Intro Math Courses</td>
<td>R. PLUS Difference</td>
<td>K. Intro Math Courses</td>
</tr>
<tr>
<td>506</td>
<td>B. Grad Nursing Matrix</td>
<td>B. Grad Nursing Matrix</td>
<td>V. Grading with Rubrics</td>
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<td>507</td>
<td>I. LC Model &amp; Practice</td>
<td>I. LC Model &amp; Practice</td>
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<tr>
<td>514</td>
<td>P. Sustainability</td>
<td>P. Sustainability</td>
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</table>

*Special thanks to TherapyWorks and Massage Envy for donating door prizes.*