Thanks to the CAST Council, department Chairs, associate deans, we have an excellent Science and Technology Week program again this year. Our goal each year is to showcase to the local and campus community the impact of CAST programs on society. We sponsor programs that demonstrate the issues CAST programs deal with and the problems we solve. I hope you will be able to take advantage of the following programs.

**Monday, April 21, 2003** 7:30 p.m.
Old Main Room, Bone Student Center

**Innovative Product Design: The Road to Economic Recovery in the Information Technology Industry.** Bradley Brown (BS, ’83), Chairman and Chief Architect, The Ultimate Software Consultants (TUSC) *(Co-sponsored by the Department of Applied Computer Science)*

**Tuesday, April 22, 2003** 7:30 p.m.
Braden Auditorium, Bone Student Center

**Keynote Address by Dr. Joycelyn Elders, Health Care in the 21st Century**
Dr. Joycelyn Elders, Distinguished Professor of Public Health at the University of Arkansas. During Bill Clinton’s presidency, Dr. Elders served as U.S. Surgeon General. She has won awards such as the Arkansas Democrat's Woman of the Year, the National Governor's Association Distinguished Service Award, the American Medical Association's Dr. Nathan Davis Award, and the National Coalition of 100 Black Women's Candace Award for Health Science.

**Wednesday, April 23, 2003** 7:30 p.m.
Circus Room, Bone Student Center

**Wind Energy on the Prairie: The Technology of Wind Energy Production**
Mr. Phil Stiles and Ms. Michelle Montague of NEG Micon, USA, a wind energy turbine manufacturing company, will present information on utility-sized wind energy farms and comment on the potential for wind energy development in Illinois. *(Co-sponsored by the Departments of Agriculture and Technology)*

**Thursday, April 24, 2003**
9:30--11:00 a.m. ISU Farm at Lexington
1:30--2:30 p.m.
Ag Awareness Day. Elementary school students from selected districts are bussed to the ISU Farm for Ag Awareness Day. **Attendance by invitation only.** Contact: Dr. Randy Winter *(Co-sponsored by the Department of Agriculture)*

**Friday, April 25, 2003**
9:30--11:00 a.m. ISU Farm at Lexington
1:30--2:30 p.m.
Ag Awareness Day. Elementary school students from selected districts are bussed to the ISU Farm for Ag Awareness Day. **Attendance by invitation only.** Contact: Dr. Randy Winter *(Co-sponsored by the Department of Agriculture)*

CAST OFFICE

**IDEA FAQs**

**Question**...Use of the IDEA system without supplemental questions reduces the written feedback from the students and therefore limits the ability of instructors to determine how they can improve their teaching practices. Supplemental questions might also need to be standardized.

**Answer**...There is some space on the survey form for students to make comments. Some universities use a separate handout for comments to be written. I like the idea of standardizing those. While these comments can indeed add some assistance to improving teaching, the Diagnostic Form report also provides some helpful diagnostic components on pages 4 and 5 of the report. These results are based on research about how the 20 teaching methods are related to the 12 learning objectives found on the Faculty Information Form that you complete.
CAST OFFICE, continued

Question... Guidance and requirements concerning appropriate choices of important objectives is limited. Likewise concerning adjustment of scores for environmental or student conditions.

Answer...There is a document found at the IDEA web site that is very good at explaining the 12 learning objectives and providing guidance to faculty about the selection of them - it is called "Some Additional Thoughts on Selecting IDEA Objectives" - http://www.idea.ksu.edu/users/sel_obj.pdf

Another tool is the "Disciplinary Selection of Learning Objectives" http://www.idea.ksu.edu/users/DisciplinaryLearningObjectives.htm

IDEA is currently working on some CD based training modules that will hopefully provide some additional guidance in the interpretation of adjusted scores - which take into account both student and course characteristics (student effort, item 43; student motivation, item 39; class size, enrollment from Faculty Information Form; course difficulty, multiple items; student effort, multiple items). I hope to have these by the end of this semester.

Question... It is unclear if DFSCs should use this information for formative and/or summative evaluations. This particular evaluation tool appears to me to be more appropriate for the former than the latter.

Answer...IDEA results can be used for both formative and summative purposes. Certainly the Diagnostic form was designed to provide formative feedback (primarily pages 4 and 5), but pages 2 and 3 are designed to provide summative feedback as well. The Table of Contents on the first page of the report summarizes the "purposes" of each section.

CAST Qualitative Researchers “Ideas In Progress” Brown Bag Lunch Discussion

An informal opportunity for those CAST scholars who utilize (or are contemplating using) qualitative research methods and techniques to get better acquainted and share ideas and resources will be held on Wednesday, April 16 from 11:30 am to 1:00 pm in Turner 139. Assorted beverages will be provided. Attendees should bring their own lunch. Come for all or part of this discussion.

Due Date Reminder

Applications for CAST Presentation Travel Award funds are due on Friday, March 28. Seven copies of application materials are needed at time of submission. See http://www.cast.ilstu.edu/Research/travel.htm for more information and relevant forms.

Interested in Forming a Small Writing Group?

CAST faculty interested in forming a small scholarly writing group for the remainder of the spring semester or summer, please contact Deb Gentry. A new faculty member has indicated a willingness to be a part of such a group. With the addition of 2-4 more persons, a group could get underway. When and how the group operates would be devised by the members.

AGRICULTURE

Gary Bachman and four horticulture students represented Illinois State University for the first time at the 27th Annual Associated Landscape Contractors of America (ALCA) Student Career Days held at Hinds Community College in Raymond, Mississippi March 13-16. The event was attended by 750 horticulture students from 51 four and two year universities and colleges. The students competed in 24 landscape related events from arboriculture to woody plant ID. Agriculture students Chad Garrett, Erica Ibeling, Kristal Ross, and Heather Virgo competed in these events. When the smoke had cleared, Chad finished in 24th place in the individual point totals, while the Paver Installation team (Chad and Erica) placed 9th and Landscape Plant Installation team (Chad, Erica, and Heather) placed 14th. These students should be congratulated for their hard work.

David Malone and fifteen students from his AGR 280 class recently competed in the "Al Culver Memorial Market Hog Show" at the state fairgrounds in Springfield. The students were responsible for choosing their own pig to exhibit and preparing it for the show. Keith Detwiler, Shawn Beitz and John Tyrrell all were class winners in the competition. Tyrrell, Detwiler and classmate Andrew Blackmer also combined to exhibit the Grand Champion Pen of Three animals. The show is named in honor of Dr. Al Culver who was a Professor of Animal Science at Illinois State University.
APPLIED COMPUTER SCIENCE
Dr. Winn P. Mahatanankoon will be presenting a peer-reviewed research paper entitled, Personal Web Page Usage Activities in the Workplace: A Factor Analytic Study, at the 2003 Northeast Decision Science Institute Conference. The conference will be held in Providence, Rhode Island from March 27-29, 2003. The paper was co-authored by Dr. Anandarajan.


FAMILY AND CONSUMER SCIENCES
Dr. Maria E. Canabal attended the conference "From 9-to 5 to 24/7: How Workplace Changes Impact Families, Work and Communities" in Orlando, Florida from February 27 to March 1 where she presented the refereed paper "Determinants of negative spillover from job to home among Latinos in the United States" co-authored with Dr. Enilda A. Delgado from the University of Wisconsin, La Crosse. The conference was sponsored by the Business and Professional Women's Foundation and the Community, Families & Work Program, Brandeis University.

Dr. Maria E. Canabal participated as the keynote speaker in the Plenary session "Vision del Profesional de Ciencias de la Familia y del Consumidor: Base de Conocimientos para su Desempeño en el Siglo 21" as part of the First Conference of Family and Consumer Sciences of Latin América and the Caribbean held in San Juan, Puerto Rico, March 5-7, 2003.

March 3-7, 2003, Karen Stephens, Child Care Center, was guest host and moderator for an on-line discussion for early childhood program directors. The week-long discussion was sponsored by the Center for Early Childhood Leadership, http://www2.nl.edu/twal/. Stephens entertained questions and comments from early childhood practitioners and college students on the topic, "Promoting Family-Friendly Programs."

HEALTH SCIENCES
Dr. Beverly Barham presented at the Clinical Laboratory Educator's Conference in New Orleans on March 7, 2003. The title was "Implementing Manipulatives into the Microbiology and Immunology Classroom".

Jim Broadbear received the 2003 Honor Award from the Illinois School Health Association. Jim was honored for his many contributions that have enhanced school health education in Illinois.

Jim Broadbear, Mark, Temple, and Marilyn Morrow have received a grant from the Illinois Department of Public Health to provide a Tobacco Benchmarking Tool for the Chicago Public Schools. Working collaboratively with colleagues from Mennonite College of Nursing and College of Education, the researcher will develop tools designed to assess and improve tobacco prevention in the elementary and middle schools.

Mark A. Temple represented the American School Health Association as an Advocacy Leader at the 6th Annual Health Education Advocacy Summit held March 8-10 in Washington, DC. Dr. Temple met with key congressional staffers and legislative aides to advocate for increased appropriates for the Centers for Disease Control and Prevention's National Center for Chronic Disease Prevention and Health Promotion and comprehensive sexuality education.

Gary Erisman, Harvey Thomas, Paul Ronczkowski and Rod Simmons, along with three student members of the ISU section, attended the monthly meeting held at State Farm Regional Headquarters in Bloomington on March 11.

KINESIOLOGY & RECREATION
Dr. Chad McEvoy attended the Society for the Study of the Legal Aspects of Sport and Physical Activity annual conference March 6-8 in Atlanta, Georgia. Dr. McEvoy presented on "Teaching Negotiation Through the Use of the Case Study Approach in Sport Industry Settings" with Dr. Linda Sharp from the University of Northern Colorado and on "Major League Baseball Antitrust Immunity: Exploring the Financial Implications of Current Relocation Rules" with Drs. Mark Nagel (State University of West Georgia), Matthew Brown (Ohio University), and Daniel Rascher (University of San Francisco).

Norma J. Stumbo recently had two refereed papers accepted to the Australian and New Zealand Association of Leisure Studies conference to be held in July in Sydney. The two papers "Creating Opportunities and Ensuring Access to Desirable Heritage and Cultural Tourist Services and Leisure Experiences" and "Physical Activity and People with Disabilities: Inclusion and Access in Australia and the United States" are co-authored with Dr. Shane Pegg, from the University of Queensland.

Norma J. Stumbo is teaching a Leisure Education and Facilitation Techniques course at the Southern Institute of Technology in Invercargill, New Zealand. The hybrid distance/on-site course is taught to second year therapeutic recreation students via Blackboard technology and includes two one-week segments of on-site instruction. This is only the third year of therapeutic recreation coursework in New Zealand, where the profession is quickly taking hold.

Norma J. Stumbo, has received notification of acceptance for a refereed article on "The Language of Quality Healthcare" for an upcoming edition of the American Journal of Recreational Therapy.
Dr. Chris Merrill attended and delivered two refereed presentations at the 65th Annual International Technology Education Association (ITEA) conference in Nashville, Tennessee March 12-15. The first presentation was based on the new professional development standards for technological literacy, focusing on pre-service and in-service initiatives for technology educators. The second presentation was a joint presentation between four universities highlighting and discussing their individual undergraduate teaching programs. Nine of Drs. Merrill and Daugherty Technology Education Collegiate Association members competed against thirty other universities in various technological literacy competitions at the ITEA conference. He also presented the 2003 report and chairs the Undergraduate Studies Committee, which is part of the Council on Technology Teacher Education at the ITEA conference.

Dr. Richard Boser was elected to a three-year term as the Associated Schools of Construction Director for Region 3 – Great Lakes. As a Region Director, Dr. Boser will serve on the Executive Board for the Associated Schools of Construction. Prior to his election, he served as the Interim Director of the Region, filling a temporary vacancy since November 2002.

**IMPORTANT DATES**

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<td>March 28</td>
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