I write this, my last column of the academic year, with mixed emotions. Of course it is satisfying to experience the end of the year, but my, what a year it has been! The year has been filled with uncertainties about all things related to our budget and the specter of worse things to come. Despite the sluggishness of the state’s economy, many in CAST have elected to rise above the doom and gloom to “State Your Future.” For this I am grateful.

There are a number of reasons to celebrate the year which is rapidly coming to a close. We will soon recognize nearly 1000 CAST students who, after studying in your classes and laboratories, will join the ranks of the other 39,000 living alumni of the College. Graduation, or commencement, signals an end and a beginning. The end of having these 1000 or so students under our tutelage signals the beginning of a larger quest for them, to discover their passion and to find gainful, meaningful employment. For this, I’m sure many parents are grateful.

Your role in the education of our students cannot be underestimated. You have given much of yourself and shared your passion with many. You deserve much credit and high praise for what you do. Many of you have also gone well above what is ordinarily expected by coaching competitive academic and extra-curricular teams. In many instances, teams representing several of our programs have “brought home the hardware.” In most cases, the competitive situations I know about were performed on regional or national stages, thus elevating the stature of our departments, school, the College, and indeed the entire University. The extra hours some of you devoted to this important educational element is commendable. You have brought distinction to yourself, your students, our college and university. Thank you, thank you.

Soon commencement will be over and students will have left campus in large numbers. Some of the will remain to learn from those of you teaching summer courses. Others of you will too leave campus and pursue scholarship opportunities, travel, or just recharge your batteries. Wherever your path takes you, thank you for making this an outstanding year in CAST!

Best of luck and enjoy your well-deserved summer break!

Jeff
NEW Required Training prior to Human Subjects Research

Revised federal regulations pertaining to research that involves human subjects have led to a new training requirement for faculty, staff, and students. All principal investigators and co-PIs on new IRB protocols, including requests for continuation past the third approval year, are required to have completed the training BEFORE January 1, 2011. This training is required of all PIs and co-PIs regardless of their affiliation with Illinois State University. The training course is provided by the Collaborative Institutional Training Initiative (CITI). Completed human subjects courses are valid for 3 years after which a refresher course is required. The course completion is also transferable. Undergraduate and graduate students involved in research must also complete training but the exact course required depends upon whether the protocol is designated as exempt, expedited, or full review. Those anticipating the inclusion of students on protocols are encouraged to remind those students of the requirement well in advance of submitting the protocol to the departmental representative so the appropriate training can be completed and the completion report can be attached to the protocol upon submission.

Enrollment Process for CITI training:

CITI courses are free to all Illinois State University users, including faculty, staff, and students. Persons not affiliated with ISU, but named in a protocol, may also enroll in CITI training through our site. ULIDs are not required to enroll. Individuals create their own usernames and passwords, and then complete a short course selection questionnaire. To enroll in these courses, please follow the instructions on the Research Ethics and Compliance (REC) website. For first time users, there are two places to indicate your course selection. The first is on the page where you enter your language preference, email address, etc. You should select the Basic Human Subjects Course – Social Behavioral Focus. On the subsequent page under Section 1, “Basic Courses in the Protection of Human Subjects,” you should select specific courses listed above.

Please note that the courses do not have to be completed in one session. They are presented in a series of modules and may be exited and reentered as often as needed to complete the selected curriculum, with all progress being saved after each exit. Once a course is completed, a completion report is available for printing from the learner’s menu. This completion report remains in the system and can be accessed by the learner anytime. A copy of the completion report will need to be attached to all new IRB protocols submitted after January 1, 2011. Protocols lacking this information will be returned to the PI. If you have completed CITI training through another institution, please contact the REC office to determine if additional modules may be required.

Although the courses listed above are required, additional training may be completed as well. For human subjects research protocols, following is the complete list of courses offered by ISU:

**Basic Courses (for new learners):**
- Biomedical Research with human subjects
- Educational Social and Behavioral research with human subjects
- Data or specimens-only research
- Students conducting no more than minimal risk research
- Institutional Review Board (IRB) members

**Refresher Courses (to be taken only after the basic course above):**
- Biomedical Research with human subjects
- Educational Social and Behavioral research with human subjects
- Data or specimens-only research
- Students conducting no more than minimal risk research
- Institutional Review Board (IRB) members

**Additional courses:**
- Good Clinical Practice
- Health Information Courses (5 modules)
As we finish the 2009-2010 academic year, I want to provide an update about several facilities projects in CAST.

**Turner Hall Life Safety Project**

As you know, the south wing of Turner Hall has been reopened for instructional purposes during this past spring semester. The CAST office and the Departments of Family and Consumer Sciences and Technology will be moving back into Turner Hall in July. The move is scheduled for July 6-16. There may be short times of temporary unavailability of the administrative offices during this move, but we will do our best to minimize our unavailability. Construction continues to progress in the other parts of Turner Hall. In conjunction with the Turner project, we have new bathrooms, floor tile, carpet, paint, ceilings, electrical systems, heating and cooling systems, plumbing, windows, and doors. Asbestos has been abated. The Department of Technology suite will be completely renovated. We are eager to move back to Turner Hall and prepare for the fall term.

**The Student Fitness Center**

The new Student Fitness Center (formerly known as Student Fitness/Kinesiology and Recreation Building) is under construction and proceeding on schedule. The Student Fitness Center will include McCormick Hall which will be totally renovated. Nothing in McCormick Hall remains the same except the exterior façade. Much of the exterior of the building has been completed, and work now moves to the interior. The School of Kinesiology and Recreation plans to move between the fall and spring terms into the new building, and classes are scheduled to be taught in this facility in spring, 2011.

Please note that falsification of CITI training completion reports is a violation of Illinois State University’s Research Integrity Policy. The REC Office is able to verify the authenticity of CITI Training completion reports. If you have any questions about the training requirements, please contact the REC Office at 438-2520.

Reminder that Grant Writing Mentorship Program deadline is May 3rd.

The objective of this program is to facilitate the development of competitive external grant proposals by providing individualized mentorship and training to high-potential research faculty lacking experience in grant writing. The Grant-Writing mentorship program will pair an inexperienced faculty member (the mentee), with an interest in writing a major grant proposal, with a senior faculty member (the mentor) with demonstrated expertise and success in securing funding from the agency targeted by the mentee. Funding through this program is intended only for those grants or contracts to be submitted and administered through Research and Sponsored Programs. Also, the participant must serve as the “Principal Investigator” on the proposal submission. Full details and application are HERE.

Senior Associate Dean Lacy

As we finish the 2009-2010 academic year, I want to provide an update about several facilities projects in CAST.

**Inside Student Recreation Center (Running Track)**

**McCormick Hall**
We have several other projects in the planning stages for the immediate. Among those projects are the following that were included in CAST budget requests to the Provost.

**Future Projects**

**Applied Safety and Ergonomics Teaching (ASET) Laboratory Development**

The Safety program in the Department of Health Sciences (HSC) prepares graduates to be employed in a variety of public and private sector positions in settings that include manufacturing, insurance, construction, and government. In order to properly prepare these safety professionals, it is critical that an Applied Safety and Ergonomics Teaching (ASET) Laboratory for this program be developed. Academically, there are tremendous opportunities for reinforcement and clarification of classroom theories that are being missed without a lab or equipment to develop learning activities. The ASET Laboratory is very much intended to be an evolving teaching laboratory that will create those opportunities through classroom initiatives and external research projects that assimilate new technologies and ever-changing targets in safety and health.

**Renovation of FCS Kitchen Area (Turner 129, 131, and 133)**

The FCS kitchen area located in Turner 129, 130, and 131 was designed when Turner Hall was constructed at a time when the focus was food preparation in domestic settings. The Food, Nutrition, and Dietetic (FND) sequence now is focused on preparation of foods in commercial settings such as healthcare organizations, food service in large companies, or educational settings. Clearly, the type of equipment needed for commercial food preparation is vastly different than in domestic settings. This necessitates a complete renovation of the current FCS kitchen facilities that would include new commercial design and equipment.

**Renovation of Display and Storage Area of Lois Jett Historic Costume Collection (Turner 126 suite, 132D and 132E)**

Currently, the Lois Jett Historic Collection houses 2000+ dress artifacts from the 19th and 20th centuries including men’s, women’s, and children’s clothing, shoes, hats, handbags, jewelry, and paper goods such as fashion magazines and commercial patterns. The collection is a teaching collection and the artifacts are used for instruction in FCS 361: Fashion History I and FCS 362: Fashion History II. The current mission of the Collection is twofold: first, to begin collecting designer (couture and ready to wear) artifacts and ISU memorabilia (i.e. retired athletic uniforms or clothing owned by influential ISU figures); and second, to meet the criteria to obtain museum status. This would include more space to expand the collection, appropriate gallery space for exhibition, and proper storage in a climate controlled facility. In order to preserve this collection, the storage areas should have constant temperature (65-75 degrees F) and humidity (45-55%).

There are a number of other projects in the discussion stages that we will continue to explore and plan for upcoming years. Facilities and space are one of most valuable assets on a university campus. We will continue to work diligently to provide the best facilities possible for the students, faculty, and staff in CAST. Best wishes for a wonderful summer!
Assistant Dean Woeste

Caps and golf balls are in the air!

One of the sure signs that perhaps spring has come and summer is waiting patiently around the corner...yes it is commencement time. Please join the College of Applied Science and Technology family 12:30pm Saturday May 8th in Redbird arena as we celebrate with 799 undergraduate families and 129 graduate students and their families as they prepare to take the next steps on their academic path. Remember, that these students will as of Saturday afternoon, become valued members of the CAST alumni network. Do not hesitate to welcome them back to campus to talk to current students, engage in meaningful discourse about job shadowing opportunities or to encourage them to give back in other ways through their time, talents or treasures. I also want to take this moment as Assistant Dean to congratulate you on your efforts to get them where they are; so take a moment Saturday to celebrate with them; a collaborative effort well done!

After commencement celebrations quiet and as you put the finishing touches on that summer school course or plans...stop out at Weibring Golf course at Illinois State University and play 18 with 3 of your friends in the Celebrate CAST golf outing to support scholarships within the college. If 3 of your friends are not available, we can help you out! Please visit the web at http://cast.illinoisstate.edu/ to sign up! Hope to see you there!

Lori

Department of Agriculture

Dr. David Kopsell received the Harvey S. Woods Teaching Award and the North American Colleges and Teachers of Agriculture Teaching Award of Merit at the ISU Department of Agriculture's Ag Awards Program on April 25.

Samantha Gasca, a senior in Animal Science, was named the 2010 CAST Outstanding Undergraduate Researcher for her work on the project titled “Use of Salvage Pet Food in Diets of Weaned Pigs” under the guidance of Dr. Jonathan Holt.

The Illinois State University Student Chapter of (NAMA) competed in the National Agri-Marketing Competition held in Kansas City on April 22nd and 23rd. ISU NAMA placed 2nd out of the 31 teams in the marketing competition, was awarded 3rd place in the Chapter Excellence Award and 4th place in the John Deere Signature Award competition which reflects chapter performance in the Marketing Competition, Chapter Activities and the academic performance of student chapter members. ISU NAMA is co-advised by Drs. Rick Whitacre and Aslihan Spaulding.

Dr. David Kopsell took eight horticulture students to the 34th Annual PLANET Landscape Competition in Atlanta, GA on April 7-12 where over 822 students from 55 different colleges & universities competed. Bernie Healy & Andrew DeKeyser placed 9th in Truck & Trailer Operation, Sandra Fonseca placed 9th in Computer Aided Landscape Design, and Andrew & Mike Moore tied for 10th place in Paver Installation.

Dr. Rob Rhykerd was inducted into the ISU One Million Dollar Club on April 19.

Dr. David Kopsell delivered a presentation through the Mornings with the Professors program titled “Spinach is Spinach, You Say?” with his identical twin brother, Dr. Dean Kopsell (B.S., 1992) on April 16. Dean is an associate professor at the University of Tennessee-Knoxville.


Department of Family and Consumer Sciences

Barb Gallick, Child Care Center/ FCS, presented a parent training workshop, Positive Discipline, for the parents and staff of Bloomington Day Care on Wed., April 7th in Bloomington.

Barb Gallick, Child Care Center/ FCS, presented a parent training workshop, Positive Discipline, for the parents and staff of Katie’s Kids Learning Centers on Wed., April 21st in Bloomington.

Department of Health Sciences

The student section of the American Society of Safety Engineers (ASSE) held two meetings during the month of April. The first was their last technical meeting which had guest speaker Mr. Lee DeYoung presenting on ergonomics. The next meeting was the election of officers for 2010-2011 and barbecues. Drs. Grieshaber and Brown as well as Paul Ronczkowski attended both meetings.

Two Environmental Health students, Tony Schwegmann and Alex Choo, presented a peer-reviewed research poster at the Grand Engineering Challenge in Chicago, sponsored by the National Academy of Engineering. Only 40 posters were selected nationwide, reflecting engineering solutions for developing countries from students ranging from undergraduates to the doctoral level. Their topic was the use of waste heat to increase conversion of biomass to methane for electricity generation. Faculty advisors were Guang Jin and Tom Bierma.
Four Environmental Health students were featured on WMBD News for their conversion of campus waste fryer oil to biodiesel fuel. The fuel is being used in campus diesel vehicles and equipment. The students, Steve Jeka, Ashley McIlwee, Kirsten Carlson, and Chris Lund, have developed a biodiesel production laboratory with a capacity of about 150 gallons per week. The work is supported by a gift from the Omron Foundation. Faculty Advisors are Drs. Tom Bierma and Guang Jin.

On April 9th, Dr. George Byrns organized and presented at a full day workshop on the "Prevention of noise-induced hearing loss." The target audience for this program was industrial hygiene professionals and students in the environmental health and audiology programs. The ISU Audiology Department, Robert Borman with HSE Solutions, and Quest Instrument Company also assisted in the workshop.

On April 16, Paul Klein, an industrial hygienist with Liberty Mutual was the guest speaker at a luncheon for environmental health and safety students. His topic was industrial hygiene as a career path and advice to get that first job. Drs. George Byrns, Tom Bierma and 22 students were in attendance.

Four Medical Laboratory Science students were named ASCP National Student Honor Award winners. They were Jacques Bisimwa, Brandy Lee, Jody Marie Schultz and RoDina Loivean Williams. The American Society for Clinical Pathology established this award to recognize students in the laboratory professions who demonstrate both academic excellence and a commitment to community service and leadership activities.

**Department of Technology**

**Dr. Rick Boser** was a member of the Association of Technology, Management, and Applied Engineering accreditation visiting team that evaluated the Construction Management program at Middle Tennessee State University in Murfreesboro, TN, from April 18-20, 2010.

**Dr. Rick Boser** presented a refereed paper entitled, "The Integrated Design Process on Paper and In Practice: A Case Study," at the 2010 Associated Schools of Construction Annual Conference, Boston, MA, April 4 - 7, 2010. The paper was developed from MS thesis (2009) by Rebecca Rossi, and also included Dan Brown and Bo Park as co-authors.

**Dr. Ken Stier** attended the 2010 ABET Symposium in Las Vegas from April 15-17, 2010.

**Dr. Adam Burke** attended the 2010 InfoFlex Exhibition in Las Vegas from April 30th-May 5th, 2010.

**School of Information Technology**

School of Information Technology undergrad students Sarah Jackson and Clint Riley received the "50 For The Future" award on April 13, 2010 in Chicago. "50 For The Future" identifies and recognizes young people who represent the next generation of leaders in Illinois' technology community. The awards, now in their fourth year, are presented by the Illinois Technology Foundation. The Illinois Technology Foundation is the philanthropy arm of the Illinois Technology Association (ITA), a membership organization of more than 500 Illinois technology companies who support the development of a stronger technology talent pipeline in the region.

The Illinois Technology Foundation’s mission is to support the development of a technology talent pipeline that begins in elementary school, is refined in high school, and is fully developed in our region’s higher education graduates. The Foundation facilitates relationships and efforts across industry, academia, students, and government, developing and managing targeted programs within the talent pipeline. Through action, leadership, and collaboration, the Foundation will support and nurture the technology talent to ensure a viable and a regional wealth creating economy. The Foundation is the philanthropy arm of the Illinois Technology Association (ITA), a membership organization of more than 500 Illinois technology companies who support the development of a stronger technology talent pipeline in the region.


Drs. Tibor Gyires and Yongning Tang co-authored a paper entitled “Multipath Forwarding in WiMAX Mesh Networks with Dynamic Metrics” published in the proceedings and presented by Dr. Tibor Gyires at The Ninth International Conference on Networks held from April 11-16 in Menuires, France.

Dr. Tibor Gyires became an International Academy, Research, and Industry Association (IARIA) Fellow in recognition for his outstanding scientific research results endorsed by international peers, exceptional scientific contribution to the IARIA events and his continuous leadership role in IARIA conferences.

School of Kinesiology and Recreation

Dr. Amy Hurd presented Succession Planning: Developing Your BenchStrength and “HiPos” at the Indiana University Executive Development Program.

Dr. Chad McEvoy presented “An Analysis of the Factors Influencing Revenue Production in College Athletics” at the 2010 Scholarly Conference on College Sport on April 22 in Chapel Hill, North Carolina.

Dr. Dan Elkins co-presented “The contribution of campus recreational sports participation to perceived sense of campus community” at the 2010 National Intramural-Recreational Sports Association Conference in Anaheim, CA.

Drs. Brent Beggs and Dan Elkins presented “Differences in Leisure Satisfaction Based on Frequency of Participation in Campus Recreation” at the 2010 National Intramural Recreational Sports Association conference in Anaheim, CA.

Drs. Beggs and Elkins also presented “Campus Recreation’s Role in Establishing Healthy Lifestyles After College” and “Benefits of Participation in Campus Recreation: The Students’ Perception” with Andrew Read from the Department of Recreation Services and Dan Goodwin, a graduate student in Recreation Administration.

Popp, N., & Krohn, B., (2010). Do foreign tours provide a competitive advantage for men’s division I basketball teams? Scholarly Conference on College Sport, Paper presented at the Scholarly Conference on College Sport, Chapel Hill, NC.


On March 31, our sport management graduate program hosted the first Central Illinois Sport Business After Hours function at U.S. Cellular Coliseum. The event was recently mentioned with a photo in the SportsBusiness Journal.
Faces & Places

ISU sport management students meet industry pros

The graduate sport management program at Illinois State University recently played host to the Central Illinois Sport Business After Hours event at U.S. Cellular Coliseum in Bloomington, Ill. About 80 people in attendance represented organizations such as the State Farm Classic, LPGA tournament, Peoria Rivermen AHL hockey team and the athletic departments from the University of Illinois and Illinois State. Steve DeLay of Massey Branding Properties was the keynote speaker. From left, Joe Zaffrono and Jim Garner of event sponsor Multicell Sports Printing, Illinois State graduate student Kelly Kinloch, Illinois State sport management professor Yaki Prupp, Illinois State graduate students Tiffany Kustare, Dan Goodwin and Michelle Kirschel, Peoria Rivermen’s DeLay and Todd Fischer, national sponsorships manager for State Farm Insurance.