Dean’s Corner

On April 3-5, all deans presented their consolidated budget requests for FY 2001. I, of course, presented the request for the College of Applied Science and Technology. A part of each presentation is a review of the accomplishments in the College for the previous fiscal year. Representing CAST in this regard is a pleasure; our faculty members have significant accomplishments in a breadth of endeavors. I plan to review these with you at the Spring Faculty meeting.

One shift in our resource needs for the next 24-36 months is a need to request and participate in funding facility renovations and equipping the newly created spaces. The Dean’s office is heavily involved in organizing and managing these renovation activities.

Next week, the Dean’s Office will relocate to Turner 104A and 104D to begin the renovation of the Dean’s Office complex and the Textile Laboratory. This will provide Family and Consumer Science with a modern lab and the College with adequate workspace and presence. We are also continuing work on selling the East Farm, purchasing a new farm, and relocating most activities that currently occur on the West farm to a new location. This will move all of our large animals out of the city and allow us to expand the numbers in our herds to participate in different kinds of research projects. The Departments of Applied Computer Science and Health, Physical Education and Recreation are both in the process of requesting new space and making plans for renovating this space. The need for additional space in each of these departments is driven by enrollment growth. Finally, the Department of Criminal Justice Sciences is involved in planning for the comprehensive renovation of Schroeder Hall. So, the Dean’s Office, primarily Associate Dean Lockwood, will be heavily involved in renovation activities over the next 24-36 months.

The CAST Council has developed a new program for our Spring Faculty meeting scheduled for May 4, 2000. They are creating an opportunity for faculty from various departments to interact with each other. We have moved the meeting to the Watterson Tower Dining room, the same location as our Holiday Luncheon. From 2:15 p.m. to 3:30 p.m., we will have refreshments and a reception with each Department hosting a table displaying some of their accomplishments for the year. The College table will have our Area Meeting Display and the drawings of the new Dean’s Complex. We hope this will provide faculty an opportunity to interact with their colleagues from across the College and learn more about what each other are doing. The Spring Faculty meeting will begin at 3:30 p.m. and continue until we are finished. An agenda will be distributed a week before the meeting. I look forward to seeing each of you at the meeting.
Assistant Dean Deb Gentry has most of the arrangements made for launching our first outcome assessment panel. This is a new program we intend to implement annually to track the success of our graduates during the entry phase of their careers (their first 5 years). We are excited about the program and will keep you informed about its results.

The Gamma Phi Circus is this weekend. I enjoy this student event each year. It is a pleasure to see students perform and display the skills they have developed with discipline and hard work during the year. The timing of the circus alerts us that spring semester is drawing to a close. It usually begins the season for department annual award ceremonies.

Since I have been here, I have attended every department award ceremony. It is actually one of the most enjoyable parts of the position. Meeting and congratulating students who have excelled academically and meeting their proud parents and loved ones is very gratifying. The ceremonies make an important symbolic statement about why the University exists and why faculty on this campus have dedicated themselves to enhancing student learning and outcomes. Unfortunately, this year I have had some conflicts with family events and in some cases individual ceremonies have conflicted with each other. We have been able to work out a schedule so that each event is being attended by Associate Dean Lockwood, Assistant Dean Gentry, or me. My thanks to the faculty who have worked so hard to organize and coordinate these important events and my congratulations to the students who will be recognized for excellent achievements.

More later……

JRR

CAST Research Office

In case one or more readers have been wondering who their department representative to the Institutional Review Board (IRB) is, here is a list of all CAST representatives by department: Jeff Wood, AGR; Gerry Chrisman, ACS; Ralph Weisheit, CJS; Jean Memken, FCS; Gary Kinchin, HPER; Marilyn Morrow, HSC; and Paul Brauchle, IT. This board reviews and approves research protocols involving human subjects.

After considerable deliberation, members of the CAST Research Committee have selected Samuel Patton, ACS undergraduate student, as this year’s recipient of the CAST Undergraduate Student Research Award. His research involved “integrating virtual private networks using Internet firewalls.” Dr. David Doss, ACS, served as his faculty advisor. Both student and advisor will be formally recognized at the CAST Spring Faculty Meeting. Beth Larson, HPER, and Angela Hobson, HSC, will also be invited to attend this event so their noteworthy research efforts as undergraduate students can be acknowledged. Their advisors were Dr. David Thomas and Dr. Sharron LaFollette, respectively.

Though the number of CAST entries in this year’s Undergraduate Research Symposium was down somewhat from last year, the efforts of this year’s student researchers were impressive and deserve commendation. In total, 37 students gave oral presentations or presented poster displays. The following 14 faculty provided guidance and direction for these students: David Doss, Mark Fleisher, Guang Jin, Tim Kelley, Gary Kinchin, Sharron LaFollette, Dominic Lilak, Steve
McCaw, Jean Memken, Nweze Nnakwe, Peter Smith, Doug Turco, Cynthia Wachtler, and Paul Walker. Their willingness to serve as faculty advisors for such learning experiences is appreciated.

**Department Highlights:**

**Agriculture**


**Applied Computer Science**

Samuel T. Patton, a Telecommunications Management major, made an oral presentation at the Undergraduate Research Symposium on March 30, titled, "Integrating Virtual Private Networks Using Internet Firewalls," related to his research work for the present school year. **Dr. David Doss** is the faculty advisor for the project.


**Criminal Justice Sciences**

*Mark Fleisher* was an invited discussant in a session on gangs at the Society of Research on Adolescents Conference, in Chicago, April 2. He received a grant from the U.S. Census Bureau to investigate residential mobility among male gang members in several communities in Central Illinois. He also received a grant from the U.S. Department of Justice, Office of Juvenile Justice and Delinquency Prevention, to conduct a 12-month field study of girls in gangs in Champaign.

**Drs. Ralph Weisheit** and **Tom Ellsworth** presented, "Getting Down to Business: A Comparison of Rural and Urban Probationers and Probation Sentences," a paper co-authored with David Olson of Loyola University Chicago, at the Annual Meeting of the Academy of Criminal Justice Sciences, in New Orleans, Louisiana.

**Dr. Sesha Kethineni** presented a paper titled, "Victim/Offenders Characteristics at Initial Contact in Domestic Violence Cases in a Midwestern City," at the Academy of Criminal Justice Sciences in New Orleans. She also served as a program committee member responsible for development of panels on "Theories of Crime."
Family & Consumer Science

Mardell Wilson attended a conference entitled, “Changing the Culture of Medical Education: Empowering Preceptors to Teach.” The conference was held in Boston, Massachusetts, March 23-25, 2000.

Dr. María E. Canabal and the visiting faculty from India, professors Chitra Prakash, Rajamma Kouchuvelunair and Rohini Narasimha, attended the American Council on Consumer Interests Annual Conference in San Antonio, Texas, March 22-25, 2000. Dr. Canabal participated in the conference as chair of the International Affairs Committee of the organization.

Health, Physical Education and Recreation


The following faculty from HPER also presented at the American Alliance for Health, Physical Education, Recreation and Dance National Convention in Orlando, Florida, March 21-25:

David Q. Thomas, associate professor of Exercise Science and Fitness, co-presented a refereed paper entitled, "Exercise and Fitness Consumerism," with James R. Whitehead, University of North Dakota on March 21. Dr. Thomas also co-presented with Shelli Thurman, senior undergraduate student, a refereed poster entitled, "No PE Today - Waivers of PE Requirements."

Dr. Steve McCaw was an invited presenter on the topic of “Biomechanics of Ankle Bracing,” in a session titled, “Biomechanics of Injury.”

Margo Coleman made two presentations. The first was, "The Promise, Reality, and Potential of Physical Education Programs," and the second was, "Making Student Teaching Better: Views of all Participants."

HPER faculty, David Q. Thomas, M. Elizabeth Verner, and Steven T. McCaw; James R. Whitehead from North Dakota and Donna Phillips from Western Illinois; and ISU undergraduate students, Shelli Thurman, Lisa LaCerra were given a behind-the-scenes tour of NASA’s Kennedy Space Center on March 22, by Erik Nason, (ISU HPER Department Alum and NASA employee), and Michele R. Rahija, (ISU senior, undergraduate intern at NASA). The tour included stops at Rahab Works (NASA's athletic training facility), NASA's Fitness Center, astronaut housing quarters, astronaut and fireman suit testing lab, astronaut post flight testing lab, space shuttle launch pad, the vehicle assembly building, and the shuttle landing facility. At the last stop, the tour included a drive down the shuttle landing strip and a look at the mating/de-mating device used to mount and dismount the shuttle from the 747 planes that move shuttle between California and Florida.
Several students from the Physical Education Department also attended the National Convention of American Alliance for Health, Physical Education, Recreation and Dance, March 23, in Orlando, Florida. They include: Lisa Gathman, Jennifer Eubanks, Erich Vonthun and Lisa LaCerra. Beth Larson and Lisa LaCerra, ISU HPER Senior Undergraduate students, were named Illinois State University's Student Majors of the Year by the National Association for Sport and Physical Education at the national conference. Lisa LaCerra was named the ISU NASPE Major of the Year for the teacher education track while Beth Larson was named the ISU NASPE Major of the Year in the exercise science and fitness track.

Dr. Steve McCaw hosted the Midwest Graduate Students' Biomechanics Symposium (MWGSBS) held at Illinois State University on March 31 and April 1, 2000. In spite of its long history, Y2K was the first symposium with outside financial support from the American Society of Biomechanics. ASB support allowed expansion of the Symposium to two days and the inclusion of keynote speakers, while maintaining the focus on student presentations.

The opening keynote lecture on Friday night was provided by Dr. Paul DeVita of East Carolina University. Dr. DeVita spoke on the topic of, "Friends, Romans, Countrymen, Lend Me Your Biomechanist: Theatrical Discoveries of Biomechanics."

For the Saturday sessions, presenting students came from Illinois, Indiana, Iowa, Kentucky, Nebraska and Wisconsin. Of the 15 student presentations, topics included equipment design and testing, sport biomechanics, orthopedic biomechanics, gait analysis and rehabilitation biomechanics. Two keynote lectures were intermingled with the student presentations on Saturday. Dr. Tim Derrick of Iowa State University gave the morning keynote titled, "Attenuation of Shock in the Human Body.” The afternoon keynote, presented by Dr. DeVita, was titled, "Biomechanical Gait Responses to ACL Injury, Reconstruction Surgery and Rehabilitation."

The 2000 ASB conference will be held at the University of Illinois-Chicago in August. The 2001 MWGSBS will be hosted by Dr. Phil Schot of the University of Wisconsin-Milwaukee. More information on MWGSBS 2001 will be distributed over biomech-l. Students from all Midwest states should present and participate next year, to ensure that this oldest of all student biomechanics symposiums only gets better. Our thanks to ASB for its generous support.

Health Sciences

Paul Ronczkowski and Dr. George Byrns attended the March 23 meeting of the American Industrial Hygiene Association, Prairie Section, in Peoria. Peggy Zweber, OSHA Area Director, gave an update of safety and health concerns in Central Illinois.

Dr. Audrey Hentzen attended the ASCLS clinical educator's conference in Salt Lake City. The focus of this year’s meeting was to update and revise the Clinical Laboratory Science Body of Knowledge for CLS and CLT. She was a facilitator for the Immunology/Immuno Hematology session and presented a summary of the work session and a poster entitled, “Adapting Clinical Laboratory Science Curriculum to Incorporate New Molecular Techniques.”
Audrey Hentzen presented an ASCP workshop in San Francisco, entitled, "Molecular Testing and Clinical Diagnosis." This presentation covered basic cell biology/molecular biology, fundamentals of probe synthesis and hybridization, direct and amplified DNA assays and implication of laboratory quality assurance and federal regulations. This talk will be presented again at the ASCP Chicago workshops, June 2, 2000.

Dr. Sharron LaFollette presented a paper at the Forth Annual Occupational Safety and Health Educators' Conference in Las Vegas, on March 9. Her paper, "On the Path from Student to Practitioner: Testing the Water," springs from an evaluation of the Environmental Health and Safety Programs' student Professional Days experience done by Dr. LaFollette, Dr. Teresa Bellingar, and Paul Ronczkowski.

Dr. George Byrns was interviewed by Karen Hansen, of the Panagraph, regarding airport noise. The article appeared in the March 27, 2000 edition of the newspaper.

Dr. Gary Erisman attended the Illinois Emergency Medical Technicians state meeting and workshops in Springfield, held March 31 - April 2.

Dr. Jim Broadbear and two colleagues from other universities published the article, "Focus Group Interviews with College Students About Binge Drinking," in the International Electronic Journal of Health Education.

Drs. Jim Broadbear and Mark Temple had a grant funded by the Illinois State Board of Education to provide abstinence based HIV prevention training to school health personnel throughout the state of Illinois. The training focuses on dissemination of CDC designated "programs that work."

Jane Turley facilitated the quarterly Central Illinois Coding Roundtable at Iroquois Community Hospital in Watseka on April 5.

Industrial Technology

Hank Campbell accompanied junior Construction Management student, Debra Snyder, to the April 7, 2000 meeting of the Central Illinois Section #1200 of the American Society for Quality. Ms. Snyder was recognized and presented the John Henry Quality Scholarship Award for being the outstanding student in quality coursework in the IT Department at Illinois State University. A scholarship award was also presented to the outstanding IT student from Eastern Illinois University.

Drs. Michael Daugherty and Franzie Loepp have been named to a National Leadership Team charged with designing an innovative technology-based curriculum that will be used to determine the specifications for a new high school in urban Milwaukee. This curriculum will be based on the Standards for Technological Literacy and serve as a model for Wisconsin as well as the nation. The Team met in Milwaukee on March 24 and 25, and will meet again in April and June.
Drs. Charles Duvel and Rick Boser attended the annual meeting of the Associated Schools of Construction at Purdue University in West Lafayette, Indiana, March 29 - April 1. Richard Boser presented a Research in Progress paper entitled, "Assessment of Construction Management Performance Outcomes Through Student Perceptions." Charles Duvel also attended the Mechanical and Electrical Academics Consortium meeting at Purdue University, April 1-2.

On March 31, 2000, Drs. Charles Duvel and Richard Boser, accompanied by Graduate Student Tory Ragsdale, put on a juried presentation of Karaoke talent at the Associated Schools of Construction annual conference at West Lafayette, Indiana.

Dr. Anu A. Gokhale organized an IEEE Central Illinois Section meeting on "Networking Technologies," held on ISU campus, March 23, 2000.

Dr. Louis Reifschneider delivered a half-day seminar, "Introduction to Extrusion," to 22 professionals in the plastics industry on Wednesday, March 22, at Itasca, Illinois. The Chicago Section of the Society of Plastics Engineers sponsored the seminar. Monies raised from the seminar are used to support schools in the state of Illinois involved with plastics technology.

Dr. Ken Stier was selected to serve on a National Association of Industrial Technology Accreditation Visiting Team. The visiting team conducted a three-day, on-site visit, April 2-4, 2000. They reviewed the Manufacturing and Construction Programs in the Department of Industrial Technology at Central Missouri State University for re-accreditation.

Dr. Emerson Wiens was notified recently that his article, "Demographic and Economic Trends: Implications for Education and Industry," that was published in the 1999 Winter/Spring issue of The Journal of Technology Studies, was selected as the Paul T. Hiser Exemplary Publication for 1999 by the Journal's editorial board. The Journal is the official publication of Epsilon Pi Tau, an International Honorary for Professions in Technology. The award certificate and check was presented at the International Technology Education Association Conference April 8, 2000.

**Important Dates:**

April 28  Graduate Student Research Symposium, Ballroom, BSC

May 13   CAST Commencement Ceremony, 1:00 p.m. at Redbird Arena

May 15-18 URO sponsored Grant Writing Workshop, mornings. Applications will be out soon.

Sometime during the semester, a possible workshop on End Note software program use may be planned and delivered.