A new vision and mission statement has been unanimously approved by the CAST Council. It now reads:

**Vision**
The College of Applied Science and Technology graduates individuals skilled in critical thinking with a life-long passion for learning and a strong commitment to civic engagement.

**Mission**
The College of Applied Science and Technology cultivates the intellectual and personal growth of individuals through premier teaching, research, and outreach programs. We emphasize innovative relationships between theory and practice in order to graduate technologically skilled life-long learners who can contribute effectively to their profession and society.

I want to use my space in this issue of NewsCAST to thank members of the CAST Council and the Chair’s Council for their personal investment of time put in on crafting the college vision and mission statements. In particular, many thanks go to the College Strategic Issues and Planning Committee chaired by Professor Billy Lim of ITK for providing leadership on this initiative.

The newly adopted College Vision and Mission statements are the preface to a more comprehensive planning document. A CAST Strategic Plan with a line of sight to departmental/school strategic plans and back to the University’s Educating Illinois will help define our College and plan for the future. Your input is always welcomed as we move ahead with this ambitious undertaking. Your voice in the process is important and you will have many opportunities to share your ideas about the future of our College next semester when we collectively enter into a discussion about College strategies.

**CAST Outstanding Researcher Award Recipient**

CAST Research Committee members are pleased to announce Dr. Chris Merrill, Department of Technology, has been selected as the recipient of the 2007-2008 CAST Outstanding Researcher Award. In recognition of his exemplary work, he will be awarded $500 and a plaque for his office wall. Additionally, his name will be added to a plaque dedicated to this award that hangs in the reception area of the CAST Dean’s Office. Finally, he will present highlights of his research during the College Dean’s Office and the College Dean’s Office in of the CAST Research Committee.

Dr. Merrill has been also serving as an Associate Director for the Center for Mathematics, Science, and Technology at Illinois State University. His role with CeMAST is to work toward the mission and vision of the Center by achieving the goals that have been set forth, and obtaining externally funded projects. Chris is currently co-authoring a conceptual manuscript with another CeMAST colleague on professional development activities that change school culture in STEM education. When finished, it will be submitted to the Journal of Technology Education.

The College of Applied Science and Technology involves two primary areas: (1) infusing science, technology, engineering, and mathematics (STEM) concepts into technology education; and (2) professional development for Career and Technical Education faculty in Illinois. Over the past few years, he has been able to secure (as co-principal investigator) $913,000 from the National Science Foundation and $225,000 (as principal investigator) from the Illinois State Board of Education to conduct research and provide professional development. Most recently (July and October), Chris helped to secure four separate Department of Education Mathematics and Science Partnership grants as principal and co-principal investigator totaling $4,000,000.

In the last two years, Chris has delivered nearly 40 regional, state, and international level presentations; authored or co-authored more than 30 manuscripts and/or journals; received 10 honors at the local, state, and national levels; served or is currently serving on a number of service-related projects; and been instrumental in acquiring over $5,000,000 in external grants.

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**CAST Research Office**

Two CAST Research Office Documents Now Posted Online

Each year, Associate Dean Gentry prepares an annual report regarding the CAST Research Office. The report 2006-07 has been completed and is posted on the College website. To read it, visit http://www.cast.ilstu.edu/facultyresources/research/documents/ANNREP07.pdf.

Additionally, Dean Gentry has compiled a chart comparing and contrasting various facets of the 20+ research support programs offered by the College. The current chart, which can be accessed online at http://www.cast.ilstu.edu/facultyresources/research/documents/SuppProgChart0607.pdf, reflects offerings provided in FY 07. Faculty and staff are encouraged to read both documents as the information within them may be helpful to them as they participate in strategic planning activities for the College and for their department or school during the spring semester.

DBG
As we approach the end of the semester, I want to acknowledge the fine work done by the CAST Curriculum Committee (CCC). With catalog deadlines in the fall, most curricular proposals were submitted in the fall term. The CCC met on a weekly basis since late August to review curricular proposals. I appreciate the spirit of professionalism brought to the review process by the members of the committee as they considered proposals.

Thus far, the CCC has reviewed and approved twenty-six curricular proposals. The breakdown of proposals approved by the CCC during the past semester is:

- New courses: 7
- Revised courses: 11
- Revised sequences or majors: 4
- New sequences or majors: 3
- Revised Minor: 1

Finally, I want to thank the many faculty members and chairs that attended the CCC meetings to clarify issues and answer questions about proposals they had submitted. Having colleagues in our meetings with first-hand knowledge certainly facilitates the processing of most proposals. Developing good curricular proposals is a team effort, and I appreciate the efforts of each of you who have contributed to the successful work of the CCC this fall. Best wishes for a smooth close of the fall semester.

ACL

Don’t forget to RSVP for the CAST Holiday Luncheon by December 4th.
http://www2.cast.ilstu.edu/forms/rsvp07.htm

Members of the CCC this year are: Lori Woeste (HSC - chair), Susan Winchip (FCS – vice chair), Paul Walker (AGR), Cara Rabe-Hemp (CJS), Anu Gokhale (TEC), Brent Beggs (KNR), Glen Sagers (ITK), and Todd Baughman (MSC). The efforts of Lori Woeste in providing leadership to this committee were excellent. The consistent commitment of each member to attend the meetings and to provide lead reviews for their fair share of the proposals has also been quite commendable.


Dr. Dick Steffen and five ag education students attended the National FFA convention in Indianapolis October 23 – 27, 2007. They participated in the National Agricultural Mechanics Career Develop Event, acting as judges, group leaders and scorers. Dr. Steffen also served as coordinator for the 2007 National Agricultural Mechanics Committee Blue Ribbon Poster Session. Students also participated in Collegiate FFA professional development workshops and social events.

Dr. Gary Bachman was invited to present “Horticulture trends in the southeastern United States post Hurricane Katrina” at the Coastal Research and Extension Center in Biloxi, Mississippi on November 8, 2007.

Dr. Gary Bachman as The Gardendoc has been a frequent guest on WJBC shows McLean County Saturdays and The Ron Ross Show discussing various lawn, garden, and horticultural topics.

Dr. Gary Bachman has had his Illinois Council on Food and Agricultural Research (C-FAR) sponsored vermicompost research program highlighted in the latest issue of Agrinews.

On November 15th, the Department of Agriculture hosted the 2007 C-FAR Day (Illinois Council on Food and Agriculture Research) at the Illinois State University Farm at Lexington. Over fifty agriculture leaders from around the state attended. Drs. Gary Bachman, Paul Walker, Kerry Tudor, Rick Whitacre, Robert Rhykerd and Asilhan Spaulding gave presentations on research projects supported by C-FAR. The attendees also were served lunch and toured the research and educational facilities at the Farm.

Cassia C. Spohn from Arizona State University, presented “An Examination of Risk-Taking Behaviors and Moral Character Issues on Sexual Assault Case Outcomes.” Dr. Ling Ren along with Dr. Jihong Zhao from Sam Houston State University, gave two presentations, The Impact of Neighborhood Transition on Homicide Rates in Chicago: A Longitudinal Study from 1965-1995, and The Allocation of Law Enforcement Budget in American Municipalities: A Longitudinal Study.
On October 19th, Drs. Guang Jin and George Byrns took a group of 16 Environmental Health (EH) and Safety students to tour the Marathon Oil Terminal in Champaign. The tour provided an opportunity to learn of occupational and environmental hazards associated with these facilities. ISU EH alumnus Jake Nowicki, an industrial hygienist with Marathon Oil, assisted in conducting the tour.

The Student Environmental Health Association (SEHA) entered a float, "Recycle the Sycamores," in the Homecoming Parade. The EH majors riding on the float were: Rod Castillo, Corie Moffett, Ali Reed, and Leslie Holz.

Also at the Homecoming Parade, the student section of the American Society of Safety Engineers (ASSE) sponsored a coffee tent near Moulton Hall. Many Safety and EH alums congregated near the tent.

Ms. Anjie Almeda, Departmental Academic Advisor, attended the National Academic Advising Association (NACADA)’s annual national conference in Baltimore, Maryland during October 18-21. In addition to the conference, she also attended a pre-conference session on Advisor Training and Development.

Christy Bazan, Health Education faculty, was recognized at the first annual Teacher Appreciation Dinner sponsored by the Panhellenic Association of Illinois State University on November 21st at the Redfire Grill. The Panhellenic Association recognized 9 faculty members from across campus by hosting a dinner and presenting an award to each recipient. The professors were nominated by individual Panhellenic Associations on campus.

The biodiesel research of Drs. Guang Jin and Tom Bierma was featured in a news story on biofuels by WHOI television, an ABC affiliate in Peoria. The story aired October 29th.

Dr. Sara Cole attended The Society for Public Health Education Annual Meeting in Alexandria, Virginia from October 31-November 3, 2007. She completed her term as Delegate Trustee on the Board of Trustees and gave two presentations, "Learning by Doing: Service-Learning Partnerships in Central Illinois" and "ISOPHE’s Town Hall Meetings to Discuss the Elimination of Racial and Ethnic Health Disparities".

On Saturday, November 3, 2007, 72 licensed radon professionals and technicians attended "Radon Education Day" at Illinois State University, organized by Ms Ruth Ann Lipic, Radon Program Coordinator in HSC. This event was held in Old Main in Bone Student Center to provide continuing education for radon licensees. There are 2 days each year devoted to continuing education for radon licensees as part of the services provided by the Radon Awareness Project.

Three key people for the poster contest are seen here at the American Lung Association Office where judging took place on October 18, 2007. Angela Tinn of the ALA, Ruth Ann Lipic, Illinois State University Radon Awareness Project, and Cindy Ladage, policy analyst from Illinois Emergency Management Agency proudly display a colorful, creative poster submitted for the contest. All regional winners received $100 prizes.

On January 1, 2008 the new radon disclosure law goes into effect and Illinois radon professionals want to be ready for the questions and increasing requests for measurement and mitigation services. Ruth Ann Lipic, Coordinator of The Radon Awareness Project in the Department of Health Sciences has scheduled additional training programs to meet the need for more radon licensees. The training program on October 19-20 was held in Room 325 of Felmley Science Annex and drew 26 home inspectors from across the state who will now add radon testing to their routine. To test or mitigate in Illinois, a person must maintain licensure with Illinois Emergency Management Agency (IEMA), attend annual continuing education courses, and submit quality assurance plans. Due to the huge response to this program, three more radon measurement training courses are planned for next year.

Dr. Rod Simmons attended the National Association for Industrial Technology (NAIT) national conference in Panama City, Florida during October 24-27, where he presented a paper entitled, Risk-Based Decision-Making: Enshrine or Embed? (co-authored with Dr. Verna Fitzsimmons, College of Technology, Kent State University). NAIT is celebrating its 40th anniversary.

The student section of the American Society of Safety Engineers hosted the Central Illinois ASSE senior chapter meeting in the Founder’s Suite of the Bone Center on November 13, 2007. This was the first parent chapter meeting hosted and organized by the student group ever. Dr. Roger Brauer gave a presentation on the Construction Health and Safety Technician certification, which was a very appropriate topic for the student audience. 9 student members were in attendance, as well as faculty members Paul Ronczkowski and Dr. Chris Grieshaber.

Jason Pettit (2000 EH alum) gave a presentation, "Ergonomics at Caterpillar," at the Nov 16th meeting of the student section of the American Industrial Hygiene Association Attending the lunchtime meeting were 26 EH and safety and faculty members Drs. George Byrns, Chris Grieshaber, and Tom Bierma.
**DEPARTMENT OF FAMILY AND CONSUMER SCIENCES**

The October 2007 issue of Child Care Exchange included a photo and description by Karen Stephens of the ISU Child Care Center’s nature cabin. The piece appeared in the magazine’s Gallery of Outdoor Spaces.

Yoon Jin Ma co-presented a paper on November 9 with Dr. Hong-Youn Kim (University of Wisconsin-Madison) at the 2007 Annual Meeting of the International Textiles and Apparel Association at Los Angeles. Their paper was entitled: “The Influence of Association at Los Angeles. Their paper was entitled: ‘The Influence of Self-Concept on Decision-Making Styles: A Cross-Cultural Study of Young Consumers in Korea and the United States.”

On November 4th the campus radio station, WZND, held its annual WZND Turkey Bowl at Pheasant Lanes Family Fun Center to raise money for the Illinois State University Child Care Center. WZND raised over $1,300 from the event. Throughout the day, WZND raffled over $1,000 worth of donated prizes from seventeen local businesses and restaurants. Nine local media outlets participated in the event including Bob FM, The Daily Vidette, Great Plains Media, I-Rock, WESN, B104, TV-10, WJBC and WZND. Over 10 years of philanthropy, through this annual event WZND has raised over $20,000 for the ISU Child Care Center. The Child Care Kids owe WZND a BIG THANKS!

Barb Gallick, Head Teacher in the Child Care Center presented on Wednesday, November 7th at the National Association for the Education of Young Children 2007 Annual Conference in Chicago, Illinois. Barb was part of a team presentation that included educators from around the state of Illinois. The session was entitled: Project Work in Illinois Keeps Growing and Growing! Why? Three Models of Professional Development for Successful Training, Implementation and Support.

Bill Anderson presented a poster session, “Family Functioning and Parental Multiple Sclerosis,” at the annual convention of the National Council of Family Relations in Pittsburgh, Pennsylvania that was held November 7-10.

Dr. Tricia Widner Johnson recently presented “A reexamination of characteristics associated with fashion adoption categories” at the International Textile and Apparel Association (ITAA) conference: On the Edge, Los Angeles, California.

Dr. Hae Jin Gam also presented at the International Textile and Apparel Association (ITAA) conference: On the Edge, Los Angeles, California. Her presentation was titled “An Investigation of Mother’s Acceptance of Children’s Organic Cotton Clothing.”

**SCHOOL OF INFORMATION TECHNOLOGY**

James Wolf was a guest editor for the Journal of Information Systems Education (JISE) Special Issue on Flexible Teaching and Learning. He also co-authored, “Enhancing IS Education with Flexible Teaching and Learning” with co-authors Sigi Goode, from the Australian National University, Robert A. Willis from Malaspina University-College and Albert L. Harris from Appalachian State University. The special issue was published in October.

James Wolf’s article, “Technology Adoption in the Presence of Network Externalities: A Web-Based Classroom Game,” was published in INFORMS Transactions on Education, Volume 8, Number 1, September 2007. The article was co-authored by Tom Portegys of Microsoft.

**SCHOOL OF KINESIOLOGY AND RECREATION**

Drs. Barb Schlatter and Amy Hurd co-authored (with Dr. Marta Moorman, University of Nebraska at Kearney) an article titled “Adventure Recreation: Coming Soon to Your Community” in the Journal of Physical Education, Recreation and Dance.

Dr. Kevin Laudner was interviewed for the February 2008 Issue of Coaching Management magazine discussing the methods and results of a study he conducted regarding the safety of non-wood vs. wood bats in high school baseball.

Dr. Kevin Laudner co-authored, with doctoral student Justin Stanek, an article entitled “Differences in Scapular Upward Rotation Between Baseball Pitchers and Position Players” for the American Journal of Sports Medicine.


Dr. Sandra Hupp was recognized by the Panhellenic Association at the first annual Professor Appreciation Dinner. She was among 12 professors nominated by sorority women on campus for outstanding dedication to educating the students at Illinois State University.

At the annual meeting of the Illinois Association for Health, Physical Education, Recreation and Dance, Dr. Steve McCaw received two student-mentor awards for work with undergraduate student Amanda Somers and graduate student Marissa Link. Both students made presentations at the meeting.

Dr. Amy Hurd had Becoming a Competency Driven Agency: Reaching Agency Efficiency and Effectiveness published in Illinois Parks & Recreation.

Drs. Deb Garrah and Margo Coleman both mentored students who presented papers at the Illinois Association of Health, Physical Education, Recreation and Dance conference held Nov. 15-16 in St. Charles, Illinois. Dr. Garrah mentored Heather Snyder who presented “Examining Undergraduate Students’ Perceptions of Their High School Physical Education Experiences”. Dr. Coleman mentored Kelly Taylor who presented, “PETE Majors: How Active are They?”

Undergraduate exercise science students Ashley Reem, Lindsay Gallovitch, and Laura Swan all gave presentations on research they have conducted under the guidance of Dr. David Thomas at the annual convention of the Illinois Association for Health, Physical Education, Recreation and Dance (IAHPERD) on November 15 and 16 as part of IAHPERD’s Student/Mentor Awards program. Each student received an IAHPERD Student/Mentor Award for their efforts. Recent KNR master’s degree graduate, Anna Rinaldi, also presented at the conference and received a Student/Mentor Award.

Dr. Dave Thomas, Interim-Director of the School of KNR was selected as the 2008 IAHPERD Scholar. This award is selected by the Past-Presidents of IAHPERD.
DEPARTMENT OF TECHNOLOGY

Dr. Richard Boser gave a refereed presentation on Waste Minimization in Residential Construction at the recent National Association of Industrial Technology annual meeting in Panama City, Florida. The presentation was based on a research project sponsored by the Illinois Waste Management Research Center. Other members of the research team include Dr. Tom Bierra, HSC, and Dr. Mohamed El-Gafy, Michigan State University.

Dr. Ryan K. Brown attended the 40th annual National Association of Industrial Technology Convention in Panama City Beach, Florida October 23-27. On Thursday, Dr. Brown conducted a workshop entitled Introduction to Google SketchUp for 12 convention participants. On Friday, Dr. Brown led an industry tour of a local engineering research firm, Applied Research Associates, for 12 convention participants. Dr. Brown also finished his term as president of the Graphics Division of NAIT.

Anu A. Gokhale represented IEEE Region 4 at the International Student Activities Committee meeting and presented at the Region 9 Student Congress, held in Santiago, Chile, October 22-27, 2007. She is an active volunteer in IEEE (Institute of Electrical and Electronics Engineers).

Dr. Ed Livingston, with the help of sixteen ISU students, successfully registered ISU’s first SkillsUSA Chapter. SkillsUSA has over one hundred categories of competition and leadership development for ISU’s Teacher Graduates in Technology Education and other areas.

Dr. Ken Stier gave a refereed presentation entitled “A Study of the Use of Automatic Identification Technologies in Manufacturing Companies” at the National Association of Industrial Technology Conference in Panama City Beach, Florida on October 25, 2007.

Two alumni from the Department of Technology were honored by receiving awards at the banquet on Friday evening, October 26, 2007 at the National Association of Industrial Technology Conference in Panama City Beach, Florida. Mr. Shane Tredup, Vice-President of Engineering at Custom Aluminum Products in Elgin, Illinois was honored for receiving the Outstanding Early Achievement Award. Mr. Randy Brown, Managing Director UK, Nordic, Middle East & S. Africa at Kennametal, Inc. in Birmingham, England received the Outstanding Industrial Technologist Award.

Dr. Dan Wilson presented “From Traditional to Digital Media: The Evolution of a Print-Oriented Curriculum” at the Graphic Arts Teachers Association of Illinois conference in Chicago on October 26th, 2007.

Dr. Anu A. Gokhale authored a refereed article “Offshore Outsourcing: A Delphi Study” published in the Journal of Information Technology Case and Application Research, Volume 9, Number 3, 6-18.

Dr. Louis Reifschneider sponsored two field trips for students in the Integrated Manufacturing Sequence: one to Plastipak in Champaign, Illinois on November 2nd and a second trip to tour the design center of Electrolux in Bloomington, Illinois on November 9th. Plastipak is one of the largest blow molding companies in the United States. Scott Bloom, senior designer and ISU alum, was the tour guide at the Electrolux facility.

Dr. Dan Wilson presented “The Evolution of Traditional Graphic Communications Curricula in the Digital Media Age” at the Graphic Arts Teacher’s Association of Illinois (GATAI) conference on October 26th, 2007.