This has been one of the busiest fall terms I can recall. Perhaps because of the transition in the Dean’s Office or perhaps, just because it is a busy time of year! The Dean’s Office, CAST Council, and each Department or School has been busy planning activities for the upcoming homecoming weekend. Before we know it, one of the most exciting times on any collegiate campus will be upon us. This year is particularly exciting for a number of reasons. This homecoming happens to be on the eve of our institution’s 150th birthday. For that reason alone, there seems to be extra excitement in the air, certainly much more than usual. Many of our alums will return to their alma mater during the week of October 9-14 to reminisce and visit former professors, speak to classes, and to see how campus has changed since they graduated. Much has indeed changed.

What change will our alums observe? Certainly the physicality of campus has changed through the years. Some will marvel at the renovations to Schroeder Hall which is the academic home to our Criminal Justice Sciences Department. Others will be amazed at smaller, but no less important, renovations to the Ropp Agriculture Building, Felmley Hall, and Turner Hall. But, the most important differences our alums may observe are the people, namely the faculty and current student body. Some faculty will look younger to many alums, and they are! Many of our graduates will be amazed at how many of our current students are attached to cell phones and iPods. Our alums should be proud of their alma mater and I have reason to believe they are. They will see faculty that engage students in instructional activities and research opportunities. Our former students will see classroom and laboratories that are up to date and nurturing places for faculty and students.

Dr. Alan Lacy writes about enrollment management in this edition of NewsCAST. Enrollment management has become a planning necessity since we have evolved into the institution of choice for undergraduate education and selected graduate programs in Illinois. This is testimony to the excellence of our entire CAST “team” which includes the faculty, staff, students, and administrators. We have become “the” place to study because we have a vision and mission that resonates well with the citizens of Illinois and beyond. Ours is to provide instruction in a variety of disciplines and to do so in an engaging manner thereby producing graduates who enter the workforce and make impacts in their respective fields.

None of what I have mentioned above is possible without you. Each of us plays a vital role in the vision and mission of this institution, college and department or school. So… during homecoming, don’t be surprised when an alum shares a “thank you” for providing them with a meaningful education. Take pride in knowing that you play an important role in helping shape their lives.

JAW

GUIDING AND DIRECTING THESIS AND DISSERTATIONS

Procedures and Best Practices
3:00-5:00 PM
October 9, 2006
Stevenson Hall Room 401

Opening Session
3:00-3:30 Fostering Best Practice, Avoiding Worst Case Scenarios—Presented by the Graduate School

Break Out Sessions
Each of the following sessions will be offered twice. Choose one to attend during each time period.

3:35 - 4:15 Break Out Session 1
4:20 - 5:00 Break Out Session 2

Ethical Dilemmas
Participants will discuss a series of case studies designed to engage them in a thoughtful consideration of some of the ethical concerns that can arise from the direction of theses and dissertations.

Mentoring Styles
Two experienced directors will lead a discussion of successful mentoring styles.

Innovations and Trends
Two directors with experience directing innovative or alternative theses will share their experiences and lead a discussion of current and future trends and possibilities.

This event is being co-sponsored by: The Graduate School, the College of Applied Science and Technology, and the Center for Teaching, Learning & Technology.

Refreshments will be served.
Enrollment management has become critical to the operation of each of the departments and schools in CAST. Representatives from The Office of Enrollment Management and Admission Services (EMAS) have scheduled meetings with each CAST unit to develop enrollment targets for Fall, 2007. They are meeting with the chair/director, the academic advisor, and me. As of this writing, four departments/schools have had their meetings with others to come in the near future.

I have been impressed with the organization and thoughtful planning that has gone into these meetings both by the EMAS representatives (Molly Arnold, Julie Huber, and Amelia Noel-Elkins) and each CAST unit. In concert with their chair/director, academic advisors are doing a fine job and play an especially key role in these efforts. Enrollment management has become more sophisticated at setting targets for freshman and external transfers based on recent show rates. These targets are established while taking into account demand from internal transfers desiring our majors and anticipated graduation rates. Advisors in University College are trying their best to steer general students to majors that have capacity. It is truly a collaborative effort.

The table on the right shows Fall, 2005 and 2006 totals by academic unit in CAST. Enrollments in CAST for Fall, 2006 are down by 2% from Fall, 2005. Some of this decline is desirable from program capacity standpoints. In other programs, it would be desirable to increase the number of students.

We will continue our enrollment management efforts to “right size” enrollments in all our programs. It will require continued good cooperation between CAST, EMAS, and University College. Kudos to academic advisors and department chairs/school directors who serve their units by spending considerable time and effort in continuing to fine tune enrollment management strategies.

CAST Total Enrollment by Unit

<table>
<thead>
<tr>
<th>Unit</th>
<th>2005</th>
<th>2006</th>
<th>Difference</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGR</td>
<td>262</td>
<td>262</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>CJS</td>
<td>490</td>
<td>485</td>
<td>-5</td>
<td>-1%</td>
</tr>
<tr>
<td>FCS</td>
<td>536</td>
<td>472</td>
<td>-6</td>
<td>-12%</td>
</tr>
<tr>
<td>HSC</td>
<td>354</td>
<td>350</td>
<td>-4</td>
<td>-1%</td>
</tr>
<tr>
<td>ITK</td>
<td>540</td>
<td>483</td>
<td>-57</td>
<td>-11%</td>
</tr>
<tr>
<td>KNR</td>
<td>854</td>
<td>887</td>
<td>33</td>
<td>4%</td>
</tr>
<tr>
<td>TEC</td>
<td>529</td>
<td>553</td>
<td>24</td>
<td>5%</td>
</tr>
<tr>
<td>CAST</td>
<td>3565</td>
<td>3492</td>
<td>-73</td>
<td>-2%</td>
</tr>
</tbody>
</table>

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CAST Office

A team of ISU faculty from the Health Sciences Department and Mennonite College of Nursing including, Drs. Paulette Miller, Cathi Kaesberg, Beverly Barham, Lori Woeste, Rod Simmons, Marilyn Morrow, Eileen Fowles (Co-PI) and Frank Waterstraat (Co-PI) completed the first year of a three-year grant ($297,000; HSRA). The grant is titled “Bioterrorism Curriculum Development Grant - A Bioterrorism Response Infusion Process: Implementation into Healthcare Program Curricula in Illinois Community Colleges” to develop bioterrorism awareness and response curricula for nursing and allied health education programs in community colleges. The curricula were designed so that it could be easily integrated into existing college courses without requiring significant curricular revisions, hence the term “infusion.” This was accomplished by developing instructional materials that utilized the students’ existing knowledge and skills that are being taught in the nursing and allied health programs. Parkland College is a partner in this grant and is currently beta-testing the bioterrorism curriculum in their nursing, radiology, and veterinary technology programs.

Dr. Marilyn Morrow presented “An On-Line Bioterrorism Curriculum for Student Nurses: A Pilot Study” at the Illinois Bioterrorism Summit held August 9, 2006 in Oak Brook, Illinois. The work is a result of grants from the Illinois Department of Public Health and Health Resources and Services Administration. Co-authors on the grant and presentation include Drs. Frank Waterstraat, Paulette Miller, Cathi Kaesberg (MCN), Eileen Fowles (MCN), Beverly Barham, Lori Woeste, and Rod Simmons.

Dr. Rod Simmons conducted a Role Delineation Workshop in Mangraf, Kuwait, May 27-31, 2006, as part of an effort to establish a Health, Safety and Environmental Professional credentialing program in the Kuwait national oil sector. Dr. Simmons serves as Vice Chair of the Health, Safety and Environmental Credentialing Board in Kuwait.

Dr. Tom Bierma gave a presentation entitled “Efficiency Performance Contracting for Small Manufacturing Plants” at a meeting of the Decatur Chapter of the Society of Manufacturing Engineers on September 14, 2006. The presentation summarized his research on innovative supplier relationships that reduce waste of paint, chemicals, tooling, and energy.

Dr. Mark A. Temple completed the Ironman Wisconsin competition in Madison on September 10, 2006. He finished the 2.4-mile swim, 112-mile bike and 26.2-mile run in 12:04.58.

Drs. Jim Broadbear and Marilyn Morrow received a 3rd year of funding from the Office of Women’s Health, Illinois Department of Public Health. A women’s health curriculum developed during the first 2 years will be piloted this year at four sites in Illinois. After final revisions, the curriculum will be provided statewide to participating agencies such as local public health departments.

Dr. Sara Cole delivered a guest lecture entitled Poverty & Access to Health Care in the United States on September 11th and 13th for the ISU Presidential Scholars Colloquium on Poverty.

Professors Paul Ronczkowski and Chris Grieshaber, along with 12 Safety majors representing the ISU student chapter of the American Society of Safety Engineers attended the ASSE Central Illinois senior chapter meeting on September 19, 2006 in Bloomington, which included a presentation on planning for a response to an avian Influenza pandemic.
**Department of Family and Consumer Sciences**

Karen Stephens, Director of Child Care Center, was keynote speaker for the 2006 Childspace Early Childhood Institute "Enthusiasm for Education" conference held in Wellington, New Zealand on September 15, 2006. Her topic was "Fundamentals as Sacred: Nurturing children's hope, optimism and resilience." She also presented a workshop on working with families using child care services.

Dr. Marty Power, along with colleagues Drs. Brenda Krause Eheart and David Racine, received a $3,469,303 four-year grant from the W. K. Kellogg Foundation for the "Accelerated Development of Intergenerational Communities as Intervention (ICI)" An additional $4,000,000 grant went to The ShoreBank in Chicago to serve as a revolving loan fund to help new ICI sites with predevelopment costs. Based on the Hope Meadows Model, ICIs are purposeful, geographically specific intergenerational neighborhoods where some of the residents are struggling with a potentially long-term social challenge around which the entire community organizes. The basic strategy of an ICI is to facilitate and support naturally emergent relationships and lifetime commitments across generational lines.

**School of Information Technology**


Dr. Winn (Pruthikrai) Mahatanankoon published a peer-reviewed paper entitled, "Internet Abuse in the Workplace: Extension of Workplace Deviance Model" in Advances in Management Information Systems.

**School of Kinesiology and Recreation**

Dr. Steve McCaw and former graduate student Aaron Decker presented the poster "Lower extremity joint energetics during drop jumps to different target heights" at the 2006 Annual Meeting of the American Society of Biomechanics hosted by Virginia Tech University. Dr. McCaw also attended the Executive Board meeting as Chair of the Education Committee.

Dr. Sandra Klitzing attended the National Institute on Recreation Inclusion September 7-10 in Groton, Connecticut. Her presentation, "Facilitating Friendships", discussed how friendships can be developed between people with and without disabilities.

**Department of Technology**

Drs. Ken Stier and Rick Boser made a refereed presentation entitled "Outcome Assessment and Accreditation" on June 19, 2006 at the American Society for Engineering Education Annual Conference & Exposition held at the Hyatt Regency Hotel in Chicago.

**Illinois State University**

The College of Applied Science and Technology, through its teaching, research, and service programs, will be a leader in preparing broadly educated, technologically competent professionals who can solve real-world problems in a workforce that builds economic viability and better communities in the State of Illinois and beyond.