CAST Office

Planning is underway for the event this year. It is a wonderful opportunity for departments and schools to invite friends and alumni back to campus. Each academic unit in CAST has different spheres of influence in the community, and this enables us to solicit a wide array of individuals and businesses as sponsors for our event. If you have ideas for sponsors and/or donations that can be used for door prizes, let your representative know. I certainly appreciate these individuals for agreeing to serve on this committee. As planning proceeds, more details will follow. For now, mark your calendars …….. Friday, May 15, 2009 – and plan to participate.

AL

CAST Office

As you endure these days of cold weather, just remember that you are one day closer to spring! With the anticipation of spring, we are all looking forward to warmer weather and outdoor activities that do not involve snow. With that in mind, mark your calendar for the Celebrate CAST Golf Scramble on Friday, May 15, 2009.

The purpose of this event is to celebrate the end of the academic year, socialize with CAST colleagues, alumni, and friends of the college, enjoy an affordable golf scramble, and raise money for student scholarships. For those of you not familiar with a golf scramble, in this format, everyone in your group hits and then proceeds to the best shot. You continue to follow this format until you get the ball in the hole. Your score is a team score. This means if you hit a poor shot, it usually does not count and you just go pick it up and move to the best positioned shot. It is an enjoyable format that allows golfers of all levels to play and have fun. Even if you are not a golfer, you can volunteer to help out with the event or just come out and socialize.

Each department and school in CAST has a representative on the 2009 Celebrate CAST Golf Scramble committee. Members of this committee this year are:

AGR – Randy Winter
CJS – Jeff Walsh
FCS – Keri Edwards
HSC – Paul Ronczkowski
ITK – Tal Parmenter
KNR – Brent Beggs
TEC – Bo Park
MSC – Adrian Pittman

CAST Office
Welcome to Spring Semester, 2009. I will start with some tremendous news:
Please offer your congratulations to Dr. Aslihan Spaulding (AGR) and Dr. Kevin Launder (KNR) for their selections as ISU Research Initiative Award winners. Both Dr. Launder and Dr. Spaulding have developed a significant and productive record of scholarship during their brief time on our faculty. CAST is proud of their accomplishments and extends best wishes for continued success in their research endeavors.

The College Research Committee has started into a busy spring semester. Five teams of interdisciplinary researchers from CAST submitted applications for funds from the Research and Scholarship Development Program. This program is supported by the Office of the Provost, the Office of Research and Sponsored Programs, and the CAST Dean’s Office. The CRC will review the applications and recommend one for support. The Research and Scholarship Development Program funds will be used to develop a program that has potential for substantial external funding, with the intention that the research efforts will lead to a “center that matters.” The CAST winner will be announced by mid-month.

The review process will continue with the CRC moving immediately to review the applications to the University Research Grant (URG) program for FY 10. The CRC received 26 applications from 27 CAST faculty, requesting a total of $148,000 ($138,400 in URG support and $10,200 in CAST matching funds). Although the dollar amount of URG funding to be received from the Provost’s office is not known, CAST’s share of the pool will be 17.6%, up slightly from FY09’s share of 17.4%. As shown at bottom right, most applications are in the New Investigator, Research Development category (n=17), and faculty from KNR authored the most submissions. Although the CRC will review the applications starting next week, the award decisions must be announced prior to the FY10 state budget is finalized, which might be sometime in FY2018 (LOL, but not too hard; how else to deal with the current situation but with mirth?).

Upcoming items of interest:
Applications are due February 27, 2009 for a CoMaST Professional Development Grant. There are many faculty in CAST who teach or conduct research that falls under the auspices of Math, Science or Technology. The grants can be used to support new or ongoing research projects, travel to professional conferences or workshops, and funding a guest speaker or an event on campus. The funded project must lead to the professional development of the awarded or awardees in some aspect of STEM education. Successful applications (teams or individuals) can receive up to $5,000. Go to: http://www.cemast.ilstu.edu/downloads/CeMaST_PD_Grants.pdf for the complete guidelines and application materials.

A survey to assess the use of software for statistical analysis will be conducted on-line between February 11 and 25. The survey asks about current use of software, and more importantly, about potential use of a variety of software for both qualitative and quantitative analysis of data. The results will be provided to the ISU Technology Committee for consideration in setting future software acquisition policy. The survey is short and sweet, and should not require more than 15 minutes of your time. I cannot recall a similar survey during the past 20 years, and the data collected will be very valuable.

CAST will hold the Scholarship II workshop on Wednesday, February 25, 2009, from 12:00 – 2:00 pm, in Turner 104A. Please RSVP to Cindy Greskiwcz (cagresk@ilstu.edu) by 2/23, since space may be limited. The workshop is part of the CAST Research Mentoring program, and priority will be given to those being mentored through the program. The official description of the workshop is “Requests for revisions or outright rejection are part of the process when submitting presentations, manuscripts or grants for peer-review. This workshop, open to all faculty, is focused on revising and resubmitting a reviewed manuscript or grant. This includes addressing the reviewers’ comments in the revision of the document and writing a cover letter explaining the author’s response. Attendees may bring a manuscript or grant that has been peer-reviewed. The panelists: Dr. Sesha Kethineni (CJS), Dr. Mark Temple (HSC) and Dr. Tony Amorose (KNR), will share their expertise on this critical component of the scholarship process.”

The Office of Research and Sponsored programs and the colleges will hold the Summer Grant Development Workshop (formerly the Grant Writing Workshop) from 9am -12:30 pm between Tuesday, May 12 and Friday, May 15, 2009. If you have a “good idea” for a research project, consider applying for the workshop. The guidelines and application are posted at http://www.rsp.ilstu.edu/grant_writing/workshop.shtml. The application deadline is Friday, March 6 @ 4:00 to the RSP office, with winners announced March 31. If you are accepted to the Grant Development Workshop, consider applying to the CAST External Grant Development Fund (http://www.cast.ilstu.edu/facultyresources/research/GrantDevelopmentFund.shtml); this program can provide up to ¼ reassigned time for those writing external grant proposals seeking substantial funds. This reassignment is a semester following your attendance at the Grant Development Workshop. CAST can provide you with the opportunity to complete writing and submit the application.

Grants.gov: our federal government at work for you
The Office of Research and Sponsored Programs reports that the federal Grants.gov grant submission system is experiencing significant system problems. The system has been overwhelmed by the number of applications as additional federal agencies require submission using Grants.gov. University research offices across the nation are unable to log in to the system. If they are able to log in, they are unable to submit; if they are able to submit, they do not receive the tracking number required for a submission to be considered “on time” by the posted deadline. If a proposal is not assigned a tracking number prior to the posted deadline, it is be considered “late” and not accepted for review. There are no allowances made for system problems. The Grants.gov policy is that ISU has been advised of the system overload and problems, so it is the PI/institution’s fault if a proposal is not processed due to system problems. If you are considering a submission that requires Grants.gov:
1. PIs should contact RSP for an appointment to come in to review the appropriate Grants.gov submission package forms and requirements as soon as they think they might submit.
2. As work on the submission progresses, PIs should email the application package to their contact in RSP so review can begin on sections as they are completed.
3. The PI must bring the completed Grants.gov proposal application package and the completed RSP Proposal Submission Form to RSP for review one week prior to the posted deadline. (The RSP staff work Monday through Friday 8am to 4:30 pm, and are not available to assist PIs after hours or on the weekend).
4. Failure to submit a Grants.gov proposal to RSP by the internal deadline may result in the rejection of your proposal due to errors or omissions or Grants.gov overload. For more information, contact the Office of Research and Sponsored Programs.

Finally, I will close with a blatant advertising plug for the lamb, pork and ground beef sold by the AGR department. The cuts I have eaten were professionally prepared, tender, lean and tasty. For more information on the availability of these products, contact Rick Whitacre (rwitacr@ilstu.edu). Try them, you will like them.

McCaw

Figure 1: FY 10 URG Applications by Category and CAST Academic Unit
The Agriculture Department hosted Namiko Katayama, a teacher from Tokyo Metropolitan Nogei (Agricultural) High School in Tokyo, Japan. Namiko teaches floriculture and horticulture at Nogei HS which is one of five agricultural high schools in Tokyo. She is on sabbatical studying Agricultural Education in Illinois. Namiko spent two weeks studying teacher education at ISU, talking with students, faculty, and staff and examining curriculum materials used by high school teachers. She shared her experiences with faculty and students and discussed differences in our educational systems. Mt. Vernon HS, Marion HS, Waterloo HS, Canton HS, and the Chicago High School for Agricultural Sciences are among the schools in Illinois where Namiko has spent time observing FFA activities and learning how US Agriculture teachers engage students in the classroom. Jeff and Kiki Wood served as host family to Namiko. The Agriculture Department is pleased to have had her with us.

Dr. Randy Winter has been selected to receive the 2008-09 University Outstanding Service Award! Dr. Winter has been a strong leader in service activities at ISU. He will officially be recognized with this award at the Founder’s Day celebration on February 19, 2009.

Dr. Aslihan D. Spaulding was reappointed to membership on the Illinois Farm Bureau’s 2009 Grassroots Issue Teams (GRITs). She is assigned to Specialty Crops & Labor Team. GRITs have made numerous contributions to issue analysis and policy recommendations over the past ten years and has become an integral component of IFB’s policy process.

Dr. Pat O’Rourke gave an invited presentation at Delaware Valley College, Doylestown, Pennsylvania titled “What do students need to be successful in their future?”

The second annual NAMA Bowling Tournament was held on Tuesday, October 28, 2008. Ten teams participated representing the various agriculture clubs, organizations and fraternities as well as faculty and civil service. This year each bowler contributed two cans of food in order to participate. Over fifty pounds of canned goods were collected and donated to a local food pantry. ISU-NAMA won this year’s event.

The annual American Society of Criminology Conference was held in St. Louis, Missouri from November 12th through the 15th. Dr. Dawn Beichner, Ms. Tracy Warner & Cori Johnson presented, “Illegal Alien Inversion: Anti-Immigration Propaganda in the White Supremacist Movement.” Ms. Cori Johnson & Mr. Lucas Miles presented “Student Use of Wikipedia: Reliable Source or Misleading Information?” Dr. Cara Rabe-Hemp presented “Pregnancy and Policing: Exploring police departmental maternity policies” and Drs. Rabe-Hemp and Beichner presented, “Real Cops and Female Cops: The Exclusion of Women in Crime Fighting.” Dr. Jan Hill coordinated and served as the discussant for “Discussion Forum on Special Challenges in Teaching.” Dr. Hill also presented “Ideas for Interactive Teaching in Criminology.”


Drs. Ralph Weisheit and L. Edward Wells presented the paper, "Methamphetamine Laboratories: The Geography of Drug Production." Dr. Wells presented, "Violent Victimization of Native Americans: Trends and Patterns."


Ms. Karen Stephens, Director of Child Care, published “E-mail and all that jazz: Training staff to use electronic communication tools professionally” in the November/December 2008 issue of Exchange Magazine in Redmond, Washington.

Dr. Hae Jin Gam was invited to give the following three oral presentations at the November 2008 annual meeting of the International Textile and Apparel Association in Schaumburg, Illinois:
- Gam, H., “Improving Visual Presentation of Creating Garments: Applying Fabric Collage Technique to the Design Class.”
- Bennett, J., Helmkamp, C., & Gam, H., “Exploring a Sustainable Apparel Design Method: Case Study of Creating a Man’s Jacket for Easy Disassembly.”

AMD students Theresa Jaegle and Melina Montague had designs accepted for presentation at the ITAA conference Design Exhibition. This is the first year an ISU student's design has been accepted into the Annual Exhibition. Theresa’s design was "Green Petal Blossom" and Melina’s was "A Diet Coke Dress." Theresa Jaegle also received the "PatternWorks International Award for Best Solution to a Patternmaking Problem" award.

Dr. Hae Jin Gam was the faculty advisor to both students and their designs were created in Dr. Gam’s Draping & Design class or her Collection Development for Apparel Design class.

Dr. Yoon Jin Ma presented the following at the International Textile and Apparel Association November 2008 annual meeting in Schaumburg, Illinois:
- Yoon Jin Ma, PhD, Illinois State University, Mary A. Littrell, PhD, Colorado State University, Linda Niehm, PhD, Iowa State University, “Young Consumers’ Fair Trade Consumption: Application of the Theory of Planned Behavior to Non-food Fair Trade Purchases.”
- Yoon Jin Ma, PhD, Illinois State University, Kim Hong’Youn Hahn, PhD, University of Wisconsin-Stout, “Measuring Decision-Making Styles of Today’s Young Consumers.”
- Jihyun Kim, PhD, Virginia Tech, Yoon Jin Ma, PhD, Illinois State University, Jihye Park, PhD, Hankuk University of Foreign Studies, “Consumers Readiness to Adopt Mobile Technology for Fashion Goods.”

The International Textile and Apparel Association awarded Dr. Ma First Place in the Student Dissertation competition. Her faculty advisors were Mary A. Littrell, PhD, Colorado State University and Linda Niehm, PhD, Iowa State University.

Mr. Paul Ronczkowski attended the Central Illinois American Society of Safety Engineers meeting on January 13th. The meeting included a tour of the Caterpillar Distribution center in Morton, Illinois.

The Illinois Emergency Management Agency, Nuclear Safety Division, and EPA Region 5 representatives were on campus on Thursday, January 22, for the 6th Annual Radon Networking Day. This was attended by 60 people representing Health Departments across the state, the American Lung Association, local measurement and mitigation professionals, along with 2 people who know first hand the devastation and heartbreak that follows the diagnosis of radon-induced lung cancer. This day was hosted here at Illinois State University by Ruth Ann Lipic, Director of the Radon Awareness Project. Featured speakers included Ms. Barbara Sorgatz, from Glen Ellyn, and Ms. Gloria Linnertz, from Waterloo Illinois. Ms. Linnertz spoke about the death of her husband, Joe, from radon-induced lung cancer in 2007. He had not smoked for 40 years, but the doctors treating him presumed he was still smoking. Since his death and since testing her home for radon, which showed more than twice the EPA action level, she has become a spokesman for the radon industry and has testified several times in Washington, DC and before the Illinois legislators. She is credited with bringing about legislation requiring mandatory radon awareness and sign-off procedures in the real estate industry. Ms. Barb Sorgatz had part of her lung removed when cancer was accidentally discovered while having other medical tests. Ms Sorgatz, never smoked, but tested her home for radon and found very high levels. Ms. Sorgatz was presented with the 2009 IEA Award for Excellence in Radon for the public speaking and awareness programs she presents. It was also announced that over 40% of McLean County homes have been tested for radon, which happens to be the highest average in the state of Illinois. “I give credit to our wonderful McLean County radon task force here in this county. Currently there are 22 members who spread the radon message to homeowners to test for radon and get rid of it, if levels are high.” states Ms. Ruth Ann Lipic.

On January 24, more than 80 people who are licensed to do radon measurement and mitigation by the Illinois Emergency Management Agency, Radon Division, attended a day-long program for continuing education hosted by Ruth Ann Lipic, Director of the Radon Awareness Project. Illinois State University faculty member, Ms. Christy Bazan and Tammy Wyard, health educator from Northern Illinois University, presented “Health Education Strategies and Skills to Enhance Radon Awareness in Potential Clients.”

On Thursday, January 22, four environmental Health students and Dr. George Byrns attended a presentation by Brian Bothast entitled, “Stay out of hot water by understanding OSHA’s hot topics.” The event was sponsored by the Prairie

Mr. Paul Ronczkowski and Dr. Chris Grieshaber attended the Central Illinois American Society of Safety Engineers meeting in Decatur on February 11.

Mr. Tal Parmeter addressed the November meeting of the McLean County Urban League’s Tomorrow’s Scientists, Technicians and Managers (TSTM) Program on the subject of "Tips for Future Success in Information Technology (and in Life)." The TSTM Program encourages and motivates youth "to acquire prerequisite educational skills to pursue careers in science, technology, engineering and business."

Dr. Glen Sagers is presenting a paper entitled "Are Mainframes Dead? An Exploratory study into the State of Large Enterprise Computing in Industry and Education" at the Workshop on Enterprise Systems in Paris, France. Drs. Doug Twitchell, Brian Hosack, and David Wallace, along with Kathleen Ball, a former ITK graduate student are co-authors on the paper.

Dr. Richard Boser participated in a refereed panel presentation at the International Builders Show in Las Vegas on January 21. The title of the presentation was, “The New Generation of Construction Managers: How to Relate to Your Future Employees.”

Dr. Richard Boser, Rodney Custer and Jenny Daugherty, along with former ISU Instructor Martin Westrick, authors “Delivering Core Engineering Concepts to Secondary Level Students”, published in the fall issue of the Journal of Technology Education.

Dr. Chris Merrill has been named to the Board of Program Reviewers for the National Council for Accreditation of Teacher Education.
Dr. Amy Hurd was invited to participate in a National Think Tank in Denver, Colorado. The topic was Contemporary Management Issues in Public Parks & Recreation.

Dr. Dave Thomas, Interim-Director, was named the 2008 IAHPERD Scholar at the annual convention of the Illinois Association for Health, Physical Education, Recreation, and Dance (IAHPERD) on November 20th. As part of this recognition, Dr. Thomas gave the 2008 Scholar Lecture entitled: "Obesity in America: Causes, Consequences, and Challenges". The presentation was attended by an estimated 200 people.

Melissa Luflofs, Maura McGreepy, and their mentor Dr. Sandra Klitzing, attended the IAHPERD conference in St. Charles. Melissa and Maura presented "Survival Signs to Help Undergraduates with Inclusive Recreation."

The following ISU School of KN students and faculty were awarded IAHPERD Student/ Mentor Awards at the annual IAHPERD Conference. The students each gave a slide presentation on their topic.

- **Comparison of a Standard Laboratory Cycle Ergometer and a Velotron in Measuring Physiologic Responses in Trained Cyclists**
  - Student – Laura Vedeen
  - Mentor - Kristen Legally

- **Relationship between Regional and Risk for Cardiovascular Disease in College-Aged Students**
  - Student – Laura Swan
  - Mentor – David Q. Thomas

- **Bone Loss in Black Bears (Ursus Americanus): Implications for Humans**
  - Student – Lindsay Barlow
  - Mentor – Steve McCaw

- **Relationship between Self-perceived and Measured Health-related Physical Fitness Among College Students**
  - Student – Courtney Monroe
  - Mentor – David Q. Thomas

- **Relationship between Regional Adiposity and Risk for Diabetes in College Aged Students**
  - Student – Aileen Hoyne
  - Mentor – David Q. Thomas

- **Psychological Need Satisfaction and Motivation in Athletes: Does Balance Matter?**
  - Student – Jillian Richardson
  - Mentor - Anthony Amorose

- **Combating Nature Deficit Disorder: The Development of an Outdoor Recreation Program Plan**
  - Student – Tim Kennedy
  - Mentor - Amy Hurd

- **Studying Autism: A Research and Field-Based Experience in a Public**
  - Patrick Allen

- **Differences in Functional Hip Characteristics between Baseball Pitchers and Position Players**
  - Student – Justin Stanek
  - Mentor – Todd McLeod

- **Survival Signs Help Undergraduates with Inclusive Recreation**
  - Students – Melissa Lulofs, Maura McGreepy
  - Mentor - Sandra Wolf Klitzing

- **The Effect of Leg Preference on the Biomechanics of Single Leg Drop Landings**
  - Students - Mitch Waller
  - Mentor – Steve McCaw

- **Errorful Versus Errorless Learning Among Individuals with a Tendency for Self-reflection**
  - Student – Stephanie Ralph
  - Mentor – Peter Smith

- **Errorful Versus Errorless Learning Among Experienced Individuals**
  - Student – Allison DeWitt
  - Mentor – Peter Smith

- **Errorful Versus Errorless Learning Among Inexperienced Individuals**
  - Student – Jonathan Kurka
  - Mentor – Peter Smith

- **A Comparison of Internal and External Focus of Attention as Learning Methods in Children**
  - Student – Keith Wojewnik
  - Mentor – Peter Smith

- **Dr. Brent Beggs co-authored the book, “Recreation Facility Management,” which was recently published by Human Kinetics.**

- **Dr. Beggs co-presented a session titled, “The Role of Competition in Recreational Sport Programming” at the Indiana Parks and Recreation State Conference.**

- **Drs. Chad McEvoy and Nels Popp attended the Mount Union College Sport Sales Workshop in Cleveland, Ohio with four graduate students from the Sport Management program on February 5-6.**


- **Dr. Sandra Klitzing presented at the annual Illinois Parks and Recreation Association Conference in Chicago on January 30. Her topic was, “Moving beyond physical and social inclusion: Creating friendships,” which focused on including people with and without disabilities together in recreation programs.**

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