### Important Dates to Note

**Friday, 4/22:**
- Graduate Research Symposium at BSC

**Science & Technology Week**

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<th>Date</th>
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<td>4/25-Old Main Room-BSC</td>
<td>7:30 pm - &quot;What I have learned about ACL&quot; presented by Dr. K. Donald Shelbourne.</td>
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<tr>
<td>4/26-Braden Auditorium-BSC</td>
<td>7:30 pm - &quot;A time for Mars: From Fantasy to Reality&quot; presented by Dr. K. Donald Shelbourne.</td>
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**Saturday, 5/14:**
- Commencement at 1:00 pm in Redbird Arena

Next week is our fifth Science and Technology Week. I hope you will review the program your colleagues have assembled, it is one of the best we have had.

The Keynote Address will be delivered by Mr. David Levy, noted amateur astronomer and the Science Editor for Parade Magazine. He is an accomplished communicator about science to the lay public and will be here for a three-day residency. During this time he will present three public events including a Monday evening sky viewing co-sponsored by the Twin City Astronomy Club at their Sugar Grove Observatory at Funks Grove. On Tuesday, at Milner Library, he will engage the campus in a conversation about *Joining Science and Literature: Shakespeare, Eclipses, and Changing Ideas of the Cosmos*. Later this evening, he will present the Keynote address, *A Time for Mars: From Fantasy to Reality*. Mr. Levy's residency is being co-sponsored by our partners from Milner Library, the Alice and Fannie Fell Trust, and the Illinois State University Credit Union.

Other evening presentations during the week include Dr. K. Donald Shelbourne, a pioneer orthopedic surgeon, discussing anterior cruciate ligament (ACL) reconstruction; Mr. Donald Kauerauf speaking about Homeland Security in Illinois: A statewide Response, and Mr. Ty Woodin from Caterpillar discussing Energy Conservation and Its Impact on Global Warming. Each of these presentations is being co-sponsored by schools and departments in the College.

A late addition to the week’s activities is a special session sponsored by the School of Information Technology on how to use a Tablet to teach. A tablet is a modified notebook computer with additional features and functions. A representative from the Gateway computer company will be on campus to demonstrate how to use this teaching device on Thursday, April 28, 2005 at 10:00 a.m. in the Circus Room of Bone Student Center.

Please plan to attend our CAST Expo and Spring Faculty meeting on Thursday April 28 at 2:30 p.m. in the Circus Room. We have invited our emeriti faculty to join us for the Expo and meeting if they so desire.

Thanks to everyone who has helped organize events for the fifth Science and Technology Week.

More later........... JRR

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### CAST RESEARCH OFFICE

The Graduate Research Symposium provides students with an opportunity to engage in a culminating experience of the research process; displaying, presenting, exhibiting, and demonstrating the results of research. CAST’s participation in this week’s Graduate Research Symposium is outstanding. Seventeen students are involved in 14 presentations (10 posters and 4 oral presentations). These students represented five of the College’s departments/schools: Agriculture, Criminal Justice Sciences, Family and Consumer Sciences, Information Technology, and Kinesiology and Recreation. The following faculty advisors are commended for guiding the students research efforts, as well as for encouraging them to present at this event: Anthony Amorose, Brent Beggs, Dale Brown, Robert Cullen, Amy Hurd, Doug Kingman, Sandra Klitzing, Matthew Kuofie, Kristen Lagally, Steven McCaw, Chad McEvoy, Todd McLoda, Patrick O'Rourke, Robert Rhykerd, Kenneth Smickiklas, Beverly Smith, Aslihan Spaulding, David Thomas, and Mardell Wilson. The following 19 faculty members and one associate dean from the College responded to the call for volunteers and gave of their time serving in one capacity or another at the symposium: Brent Beggs, Dawn Beichner, Dan Brown, Mary Elaine Calliff, Maria Canabal, Sara Cole, Deborah Gentry, Anu Gokhale, Matthew Kuofie, Kevin Laudner, Jean Memken, Doug Morrish, Tom Portegys, Jihad Qaddour, Rod Rhykerd, Beverly Smith, Peter Smith, Ashihan Spaulding, Jeff Walsh, and Lori Woeste. Each year, new improvements have been made in the symposium experience as a result of the input of the Student Research Symposia Steering Committee. Beverly Smith, Paul Walker, and Deborah Gentry are members of this committee.
Department of Agriculture

Dr. Pat O'Rourke presented the ProStar Agribusiness simulation at California State University, Fresno, on April 15. Fresno has an Agribusiness program similar to the program at Illinois State University.

Drs. Pat O'Rourke, Gary Bachman, Rob Rhykerd, Doug Kingman, Ken Smiciklas, and Kerry Tudor all attended the Articulation Conference at Joliet Junior College on April 7. Committees were formed to discuss articulated courses.

Dr. Doug Morrish attended the ICAE/ILCAE symposium on April 14th in Springfield, Illinois. The symposium centered around the industry/agricultural education partnership opportunities in Illinois.

Dr. Doug Morrish and Introduction to Agricultural Education (AGR 190) students represented agricultural education at the Impact Program Showcase hosted by the College of Education. Public school administrators from all of Illinois were invited to participate.

Drs. Doug Morrish and Pat O'Rourke recently hosted the District II AGED Advisory Council meeting. Twelve members from the agriculture community participated and discussed the future of agricultural education.

Department of Criminal Justice Sciences

Dr. Tom Ellsworth has been chosen to review the Justice, Law, and Public Safety Studies undergraduate and graduate degree programs at Lewis University in Romeoville, Illinois.

Dr. Bev Smith was interviewed for a Pantagraph story on the tenth anniversary of the Oklahoma City Bombing.

Criminal Justice Sciences graduate student Latoya Taylor, Matthew Hesson-McInnis, and Dr. Caroline Mallory of Mennonite College of Nursing presented a paper entitled, "Measuring Condom Application Skills and Assertive Sexual Communication in Women at High Risk for HIV", at the annual conference of the Midwest Nursing Research Society held in Cincinnati, Ohio.

Department of Family and Consumer Sciences

Dr. Julianne Trautmann gave a presentation at the McLean County Museum of History on Saturday, April 16, entitled "Fashion and Fantasy: Dress at the Kentucky Derby". The event was well attended by members of the community.

Dr. Julianne Trautmann has had a presentation accepted for the 2005 Costume Society of America National Symposium. The presentation is entitled "The Importance of Style: A Content Analysis of Dress-Related Advertisements in Kentucky Derby Souvenir Magazines" and will be presented in Philadelphia, Pennsylvania on May 26-28.

Scott Brouette has been awarded our University’s Administrative-Professional Distinguished Service Award. It is the highest non-academic award granted by our long-standing institution. This milestone also coincides with Scott's 15th year of employment in the Child Care Center.

Department of Health Sciences

Dr. Frank Waterstraat and Ms. Jane Turley attended the 52nd Annual Business Meeting of the Illinois Health Information Management Association (ILHIMA) meeting in Lincolnshire, Illinois on April 14-16. Dr. Waterstraat presided over the meeting as President of ILHIMA and will complete his term in June of this year. Two graduating Health Information Management seniors, Jennifer Calimag and Logan Frederick, received awards and recognition during the business meeting.

Dr. George Byrns organized and hosted a workshop entitled, "Advanced Industrial Hygiene", presented by Dr. Jim Mclothlin, Associate Professor of Health Sciences at Purdue University, on Friday, April 15. Dr. Rod Simmons was among the 20 professionals and 3 environmental health and safety students in attendance at the workshop, which was held at ISU’s Bowling and Billiards Center.

Ms. Christy Bazan, Drs. Jim Broadbear, Marilyn Morrow, and Mark Temple attended the American Association for Health Education annual meeting, held April 13-16 in Chicago, Illinois. During this conference, Dr. Temple attended a Centers for Disease Control and Prevention-sponsored task force meeting in support of the "Health Literacy: Teaching HIV prevention through standards-based health education and assessment" project. This ongoing project intends to improve the way professional preparation programs prepare candidates to use national health education standards to inform instruction and assessment. Also attending the conference were Health Education student members of Eta Sigma Gamma and Health Education Club.

Dr. Gary Erisman and 10 ISUASSE chapter members attended the monthly meeting of the Central Illinois Chapter of the American Society of Safety Engineers held April 12 at the State Farm Regional Headquarters in Bloomington. Dr. Erisman was the speaker for the evening and delivered a presentation entitled "Responsibilities of the First Person on the Scene of an Emergency."

Dr. Sara Cole attended the Society for Public Health Education (SOPHE) and the Society of Behavioral Medicine joint conference in Boston, Massachusetts, April 13-16. Dr. Cole took part in the House of Delegates' business meeting as the national delegate for the Illinois Chapter of SOPHE.

The Student Environmental Health Association sponsored the 2005 Earth Day speaker, Mr. Ed Miller who is the Illinois Clean Energy Communities Foundation Program Director.

His presentation was entitled “Securing the Future of Illinois through Energy Innovation” and was held Monday, April 18 at the Bone Student Center.


Ms. Ruth Ann Lipic presented “The Good News and Bad News About Radon” at the annual Public Information Programs on April 19 at the Normal Public Library. The local media was helpful in promoting this program through interviews, news items and Public Service Announcements by radio Bloomington - WJBC, television WHOI, TV-10 and The Pantagraph. Test kits for radon residential testing were available for sale and individuals addressed their concerns about radon concentrations in their homes and methods to mitigate this problem.

Congratulations to Ms. Carolyn Wade, a Junior in the Environmental Health program. Ms. Wade has been named a Bone Scholar for 2005-2006.
School of Kinesiology and Recreation

Dr. Brent Beggs conducted three research presentations at the National Intramural Recreational Sports Association annual conference in Orlando, Florida. He co-presented and lead “Motivation of Participants and Non-Participants in Campus Recreational Sports”. He also presented “Self-Esteem and Gender in Intramural Sports” and co-presented “The Value of Internships in Campus Recreation”.

Dr. Dale D. Brown presented at the American Society of Exercise Physiologist meeting on April 8th, in Minneapolis, Minnesota. The presentation was entitled “Comparison of Body Composition Techniques to Determine Body Fat Percentages in High School Wrestlers”. Co-authors for the research were faculty members Dr. Robert Cullen and Dr. Karen Dennis and graduate students Tim Witkus, Josh Wheeler, and Kelly Laurson.

Dr. Jennie Gilbert has obtained certification as a National Fitness for Life Instructor. The program is designed to teach public school teachers how to use the High School Fitness for Life curriculum material.

Dr. Steve McCaw was a contributor to a symposium titled “Biomechanics of Strength Training.” His presentation was titled “Biomechanical considerations during lower extremity exercises”. The symposium was sponsored by the Biomechanics Academy and the National Strength and Conditioning Association Certification Committee.

Dr. Dan Wilson and Klaus Schmidt published “Curricular Components of Database Technology for Graphic Communications” as a peer-reviewed article in the 2005 Visual Communications Journal. The journal will be printed in June, but is currently available electronically at the International Graphic Arts Education Association web site, http://www.iagea.org.

The 2005 International Technology Education Association Conference, Kansas City, Missouri, April 3-5, 2005

Dr. Michael Daugherty and Chris Merrill, along with Cory Culbertson, were awarded the 2005 Outstanding Research Project/Article by the Council on Technology Teacher Education.

The Illinois State University Technology Education Program was awarded the prestigious Outstanding Technology Education Program by the Council on Technology Teacher Education.

Dr. Chris Merrill delivered two presentations entitled, “What works in teacher education,” and

Department of Technology

“Discovering plastics through the Standards for Technological Literacy.”

The Technology Education Collegiate Association competed against twenty other universities and colleges from around the United States at the Conference in eight different events. The TECA group won fourth in two events and first in another. All events are highly competitive.

Dr. Rodney Custer was awarded the Educational Exhibitors’ Association citation of merit. This citation is awarded annually to individuals for their scholarship and leadership to education. Also at the Conference, Dr. Custer chaired the CTTE yearbook committee, presented a co-authored CTTE yearbook proposal entitled, “Engineering and Technology Education”, was recognized for having co-authored, along with Dr. Klaus Schmidt, a chapter in the 2005 yearbook on distance and distributed learning environments, and made several additional presentations.

School of Information Technology

Dr. Tom Portegys’ paper entitled, “An Application of Context-Learning in a Goal-Seeking Neural Network”, has been accepted for presentation at the IASTED International Conference on Computational Intelligence (CI 2005), which will be held July 4-6, 2005, in Calgary, Alberta, Canada.

The School of Information Technology presents:

“Tommy Tablet’s Top Ten Tablet Teaching Tips”

Come and learn about Tablet computers and how they can be used to enhance teaching.

Where: Circus Room, BSC
When: Thursday, April 28, 10:00-11:00 am

This presentation will highlight 10 ways the TabletPC can be used to enhance teaching and learning for students. All ten of the items discussed can easily be modified to be used in most grade levels.

Tom Farrell is the presenter and is a life-long educator of 34 years. He has been working with the tablet initiative on the Dakota State University campus since it’s inception in the fall of 2002. Farrell has trained K-12 and higher education students as well as corporate employees on the tablet.
A Time for Mars: From Fantasy to Reality

April 26, 2005  Tuesday
7:30 ~ 8:30 pm
Braden Auditorium, Bone Student Center
Illinois State University

Opportunity for Q & A. Available for purchase: David Levy’s Guide to the Night Sky, More Things in Heaven and Earth:
Poets and Astronomers Read the Night Sky, and Making Friends with the Stars. Book signing following the presentation.

Afternoon Presentation
A Conversation with David H. Levy
April 26, 2005 ~ 2:30 – 3:30pm

If you will need an accommodation to fully enjoy any or all of these events, please call (309) 438-7602.

Sponsors:
College of Applied Science and Technology
Milner Library
**Why Participate?**

In addition to having fun with colleagues, enjoying the outdoors, and playing the beautiful ISU golf course, a reason to participate is to support the College of Applied Science and Technology Dean’s Scholarship fund for highly qualified students attending Illinois State University.

**About CAST**

The College of Applied Science and Technology is one of the most diverse colleges on campus. Housed in CAST are the Department of Agriculture, School of Information Technology, Department of Criminal Justice, Department of Family & Consumer Science, School of Kinesiology and Recreation, Department of Health Science, Department of Technology, and Department of Military Science.

**About Milt**

This event is dedicated to and in memory of Milt Weisbecker. During his tenure at Illinois State University, Milt was coach of the Men’s Golf team, Athletic Director for the University, faculty member in Health, Physical Education, Recreation and Dance (now the School of Kinesiology and Recreation), and worked tirelessly for the University Foundation and Office of Advancement. The College of Applied Science and Technology values the ongoing internship program with Walt Disney World that Milt established. Today, Technology students continue to benefit from working with Disney Imagineers, while Recreation interns learn about resort and commercial recreation enterprise management. Milt will long be remembered for his love of golf—playing it, talking about it, and encouraging others to do the same.

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**Registration**

**Register by fax or phone:**

Attn: Deborah Gentry  
Fax: 309-438-5037  Phone: 309-438-8748

- [ ] Visa  
- [ ] MasterCard  
- [ ] AmEx  
- [ ] Discover

Credit Card #  Exp. Date.  
Signature

**Register by Mail**

Make check payable to Illinois State University Foundation  
Mail registration form directly to Deborah Gentry, C/O CAST, Campus Box 5000, Illinois State University, Normal, IL 61790-5000. Additional forms can be found online at www.cast.ilstu.edu.