

CASA Dean's MMU (Monday Morning Update)

Monday, March 13, 2017

Dear Colleagues,

Thank you to everyone who submitted an abstract to the CASA Faculty Research Flash Talk. We have 21 presentations with 24 faculty members involved. This is an excellent outcome considering the short period of CFP (call for proposal) and the fact that this is the very first time we organize this event. We are now working on a printed booklet of all submitted abstracts, which will also be published through the OpenSIUC soon at: http://opensiuc.lib.siu.edu/casa_flashtalk/.

The mission of the College places great value on conducting and communicating scholarly research. This Faculty Flash Talk project, along with other research endeavors such as the annual ASA Multidisciplinary Research Symposium and the Journal of Applied Sciences and Arts, helps to provide a supportive context in which collegiality is promoted, and research is uniformly expected, discussed, produced, and valued. A culture of research requires open and collaborative personal relationships among faculty members. I strongly believe that personal ties among faculty are also likely to foster collaborative research efforts. Therefore, I encourage all faculty to participate in the Research Flash Talk event, which will be on Friday, April 28, 2017, 6:00pm - 8:00pm in the Carbondale Community Arts Center.

SPRING BREAK

Monday, March 13, 2017 was a University holiday - Spring Break Monday. SIU Carbondale students are taking a week-long Spring Break: Saturday, March 11 through Sunday, March 19. Many juniors and seniors are participating in the extern program this week, gaining professional experience in their chosen career fields. We wish them well for CASA externs to network with professionals, gain hands-on experience, enhance their resume, and get their foot in the door for jobs and internships with their sponsoring company.

STATE BUDGET STALEMATE

After two years of funding cuts from Springfield and no end to the state budget stalemate in sight, Governors State University will increase tuition 15 percent and cut 22 programs, according to the report of Chicago Sun-Times. Starting this fall, 22 degree programs will be eliminated, including some within the undergraduate majors of communications, psychology, criminal justice and teacher education. Illinois public colleges and universities have had no funding from the state this year and only partial funding during the prior 18 months. Republican Gov. Bruce Rauner and the Democratic-controlled legislature have been unable to agree on a state spending plan since July 2015. During the state budget crisis, Governor State University eliminated 62 staff positions and 13 programs last summer. This 22 more program cut brought a total of 35 programs lost.

CONGRATULATIONS

- Design-build is a practice in the architecture and construction fields in which the designer is also a builder. Professors in the School of Architecture (SOA) have been working on several design-build projects where students and instructors work together to generate a design and they actually build the real structure afterward. Students learn both theory and practice through the first-hand experience of integrating the design with construction. The design-build project, designing and building a new lactation space in Morris Library for nursing mothers on campus, was funded by a Green Fund Award of \$20,200 from SIUC and was being run through the ARC 350 Independent Study course. **Laura Morthland**, Associate Professor of Architecture, **Chad Schwartz**, Assistant Professor and Technical Director for Foundations in the School of Architecture, and **Jenny Huang**, Assistant Professor of Architecture, are all co-instructors for the design-build independent course. Their project was honored last week in Chicago at the Interior Design Educators Council (IDEC) national conference for "Best Poster Presentation" at this year's proceedings!



The photo below shows Associate Professor **Laura Morthland** receiving the award on stage. Congratulations!



- Please join me in congratulating the Automotive Technology Department for its articulation agreement with Northcentral Technical College, Wausau, WI. The agreement has been signed by Dr. Susan Ford, Interim Provost and Vice Chancellor for Academic Affairs, for Interim Chancellor Brad Colwell, Dr. Lori Weyers, President of Northcentral Technical College, and Dr. Shelly Mondeik, Vice President for Learning of Northcentral Technical College. According to the agreement, all graduates of Northcentral Technical College with an Associate in Applied Science (A.A.S.) degree in Automotive Technology or Diesel Technology, and meeting SIU Carbondale admission requirements will be considered for admission into SIU Carbondale's Bachelor of Science (B.S.) degree in Automotive Technology (AUT) in the College of Applied Sciences and Arts based upon the Department's enrollment criteria and space availability. Congratulations to **Mike Behrmann** and all AUT faculty/staff!
- The Women In Aviation (WIA) Saluki Aviators chapter had a blast at the annual Women in Aviation International conference held in Orlando, Florida March 2-4, 2017. The students had the opportunity to speak with several inspiring people in the field of aviation, including pilots from major airlines, men and women in military aviation, astronaut Yvonne Cagle, and several more.

For the pilots in the group, there was a hypoxia chamber designed to simulate an unpressurized cabin at an elevation of about 30,000ft. The effects of hypoxia were felt immediately upon entering the chamber. The goal was to recognize three symptoms, which range from dizziness and

nausea to euphoria. Once the three symptoms were recognized, the participants were to put their oxygen mask on. For a total time of five minutes in the chamber, most participants said it felt more like two. This opportunity was a fun and useful experience that could one day save lives.



Everyone at the conference has a passion for aviation, but meeting new people from different companies and learning what they do helps our students to create specific goals and realize how attainable they really are. One of our aviation technology students who wants to work with composites spoke with Gulfstream, and learned of their internship opportunities. Two of our students who wish to fly in the military were able to speak with several pilots in different branches and learn of the benefits and opportunities of the military.

The conference is something our WIA chapter fundraises for and looks forward to all year long. One of the most important keys to success in the aviation industry is networking and making connections. The conference gives our members the opportunity to create these connections and ultimately achieve their goals. Whether it is working in composites for Gulfstream, flying helicopters for the Navy, or designing engines for Pratt & Whitney, our students can and our students will. Congratulations to all WIA Saluki Aviators!





- Please join me in congratulating the School of Allied Health (SAH) for its articulation agreement with Southeast Missouri Hospital College of Nursing & Health Sciences, Cape Girardeau, MO. The agreement has been signed by Dr. Susan Ford, Interim Provost and Vice Chancellor for Academic Affairs, for Interim Chancellor Brad Colwell, Dr. Tonya Buttry, President and Chief Academic Advisor, and Mr. Peter Barger, Program Director of Radiologic Technology, SE Missouri Hospital College of Nursing & Health Sciences. According to the agreement, all graduates of Southeast Missouri Hospital College of Nursing & Health Sciences with an Associate in Applied Science (A.A.S.) degree in Radiologic Technology and meeting SIU Carbondale admission requirements will be considered for admission into SIU Carbondale's Bachelor of Science (B.S.) degree in Radiologic Sciences (RADS): Radiation Therapy Option or MRI & CT Option in the College of Applied Sciences and Arts based upon the Department's enrollment criteria and space availability. Congratulations to **Scott Collins** and all SAH faculty/staff!

ILLINOIS PUBLIC UNIVERSITIES ENROLLMENT

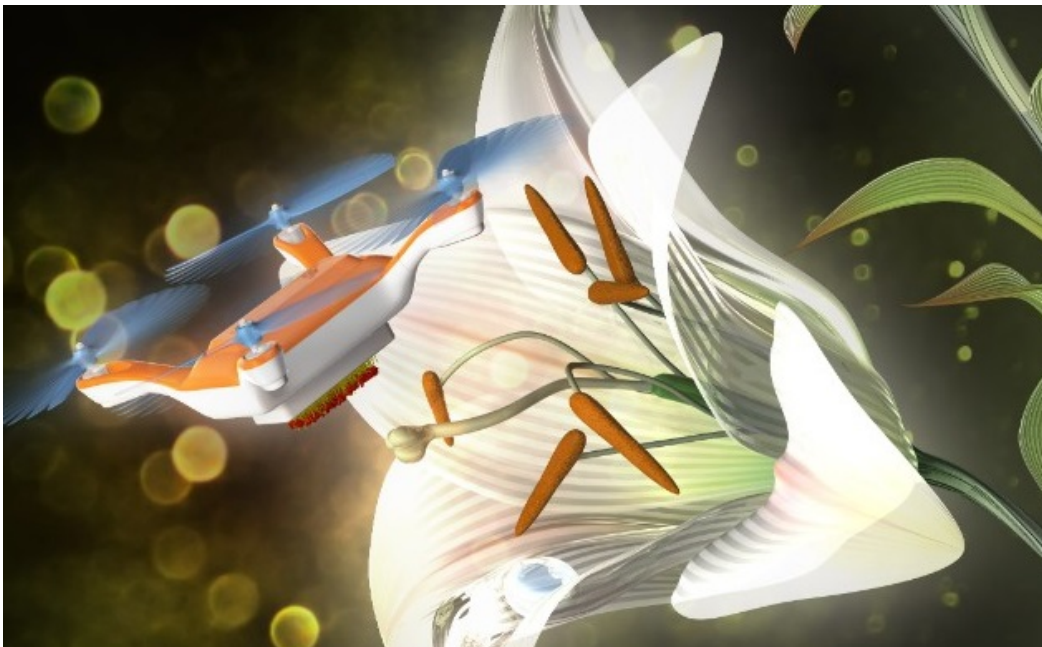
The Board of Higher Education (IBHE) has released a 2017 spring enrollment snapshot from the Illinois public universities that includes information for the last three academic years. The report focuses on full-time-equivalent (FTE) enrollment at the graduate and undergraduate levels, as well as undergraduate and graduate FTE enrollment combined. The spring semester (Academic Year 2016-2017) total FTE enrollment at Illinois public universities is down, but the decline is largely being driven by the decline in undergraduate enrollment. In fact, total graduate enrollment has remained relatively flat over the past three academic years.

However, there was some variation between the public universities, as some experienced enrollment growth and others experienced enrollment declines. Total enrollment (FTE) across the 12 public universities for the spring semester of 2016-17 was 156,882, a -2.8% difference from the previous year. [Source: IBHE]

	Spring 2015	Spring 2016	Spring 2017
CSU	3,641	3,356	2,485
EIU	7,032	6,659	5,558
GSU	3,662	3,720	3,555
ISU	17,862	17,837	17,272
NEIU	5,894	5,752	5,435
NIU	15,541	15,199	14,371
SIUC	13,412	12,792	12,440
SIUE	11,000	11,514	11,046

UIC	26,221	27,227	27,114
UIS	3,758	3,831	3,604
UIUC	44,250	44,825	45,895
WIU	9,198	8,621	8,107
Total	161471	161333	156882

USE DRONE TO POLLINATE FLOWERS



Pollination is a fundamental natural process that allows plants to reproduce. About 75% of the world's crops depend on pollination. The most common pollinators are insects and birds. Researchers in Japan have successfully used a tiny drone to pollinate an actual flower. The remote-controlled drone was equipped with horsehairs coated with a special gel which was used to capture the pollen when the drone touches the flowers, as a semi-permanent "glue." The researchers have made a video showing the drone collecting pollen from a lily:

<https://www.bing.com/videos/search?q=drone+as+pollinator&&view=detail&mid=E4E959E786C262901289E4E959E786C262901289&FORM=VRDGAR>.

Picture Source: CNN.

ON THIS WEEK'S CALENDAR

- Monday, March 13, 2017: Administrative closure for the first day of Spring Break.
- Tuesday, March 14, 2017: 11:00am - 12:30pm, Deans Council Meeting, Anthony Hall Balcony Conference Room; 1:30pm - 2:30pm, CASA Board of Counselors Phone Conference.
- Wednesday, March 15, 2017: CASA Summer Research Proposals due.
- Thursday, March 16, 2017: 8:30am - 12:30pm, Deans Council Program Prioritization Retreat, Morris Library, Room 752.
- Friday, March 17, 2017: AP Annual Performance Review.

AND FINALLY ...

If you see something in this update that you want to comment on, please send an email to awang@siu.edu; or call me at 618-536-6682. Also, if you know of anyone interested in receiving the CASA Dean's MMU, please ask them to send me an email and we will gladly add them to our mailing list. If you prefer not to receive the CASA Dean's MMU, please let me know, as well. Thank you.

Andy Ju An Wang, Ph.D.
Dean, College of Applied Sciences and Arts