

CASA Dean's MMU (Monday Morning Update)

Monday, October 31, 2016

Dear Colleagues,

Interim Chancellor Colwell and Interim Provost Ford held an open forum with CASA faculty and staff last Friday in Quigley Hall 140B Auditorium. Dr. Colwell and Dr. Ford presented about half an hour discussing the current status of the University followed by an open dialog and a Q&A session. Two hours went by quickly and I know that many faculty/staff did not have a chance to ask questions, which is understood for such a big crowd. However, it was clear that this open dialog provided a great opportunity for faculty/staff to better understand the challenges our University is facing, and the strategies and actions we are taking to turn these challenges to opportunities. The open forum helped build a sense of community and shared governance.

Last Thursday (October 27, 2016), UI Interim Provost, Edward Feser, was interviewed by NPR Dusty Rhodes, and he spoke about how UI has been dealing with the state funding shortfall. UI implemented a \$49 million permanent cut in FY 2016 but remained \$140 million short. For FY 2017 UI applied additional spending reduction of \$18 million but they still have a \$50 million deficit for FY 2017. Adding these two fiscal years together, UI is short \$190 million after they reduced spending by \$69 million, which is a substantial budget reduction in two years.

Are these numbers of budget cut really cold and hard facts? Edward Feser continued with the following remark, which hit me really hard: *"I have had politicians say to me, 'Well, you know, probably nothing will happen until we see "more blood on the floor," which apparently means more layoffs and pain. Because until that happens, apparently some are not motivated to regard the challenge as particularly severe..."* Please listen to the NPR interview, if you'd like, by clicking the following link:

<http://nprillinois.org/post/education-desk-ui-provost-delivers-cold-hard-facts#stream/0>

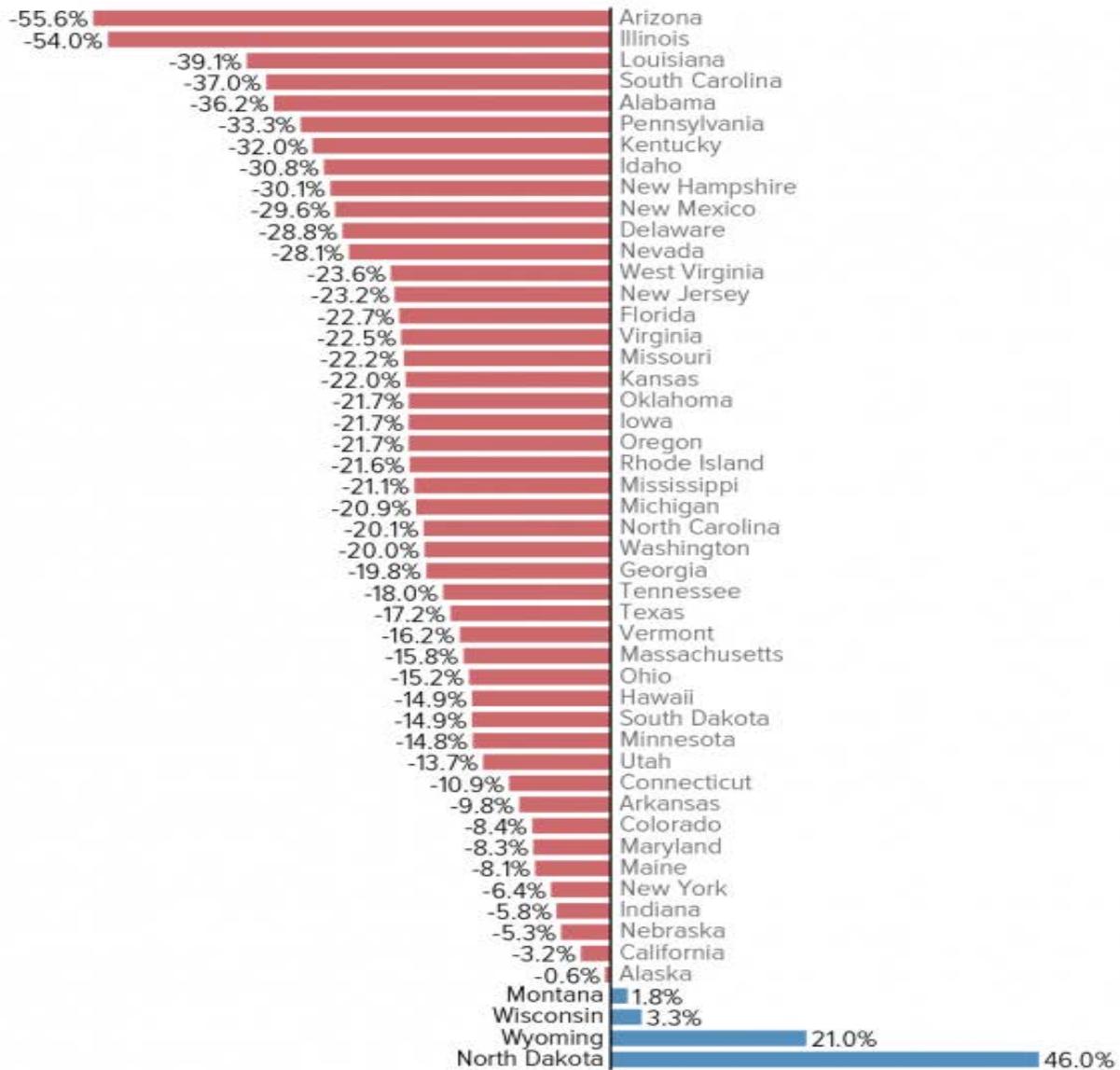
For the last two years (FY2016 and FY2017), the combined general funds shortfall for Illinois public university funding is \$1.4 billion, a total of 59% budget cut to date. MAP funding was provided for the claims made in 2015-16 academic year, but there is currently no funding for this year's MAP-eligible students. Years of cuts in state funding for public universities have driven up tuition, making college less affordable and less accessible for students. If Illinois is going to be successful in securing its long-term prosperity, we must keep the economic engine of our higher education system running. We must ensure that aspiring students will have the ability to afford and access a higher education, now and in the future.

Unfortunately it is not just Illinois. Forty-six (46) states – all except Montana, North Dakota, Wisconsin, and Wyoming – are spending less per student in the 2015-16 academic year than they did before the recession. Per-student funding in nine states – Alabama, Arizona, Idaho, Illinois, Kentucky, Louisiana, New Hampshire, Pennsylvania, and South Carolina – is down by more than 30% since the start of the recession. In four (4) states – Arkansas, Illinois, Kentucky, and Vermont – have cut per-student higher education funding for the last two consecutive years. Over the last 20 years, the price of attending a four-year public college or university has grown significantly faster than the median income. Tuition increases have compensated for only part of the revenue loss resulting from state funding cuts.

[Source: Michael Mitchell, Michael Leachman, and Kathleen Masterson, “Funding Down, tuition Up, State Cuts to Higher Education Threaten Quality and Affordability at Public Colleges,” Report of Center on budget and Policy Priorities, updated August 15, 2016.]

State Funding for Higher Education Remains Far Below Pre-Recession Levels in Most States

Percent change in state spending per student, inflation adjusted, 2008-2016



Note: Since enrollment data is only available through the 2014-15 school year, we have estimated enrollment for the 2015-16 school year using data from past years. In the 2013-15 biennial budget, Wisconsin state lawmakers changed the funding model for Wisconsin’s Technical College System, shifting support from the local property tax to state General Purpose Revenue. This change reflects a shift of roughly \$406 million in annual support from the local to state levels in Wisconsin but did not result in an overall increase in support for Wisconsin’s higher education institutions. Excluding this shift, per-student funding fell by 25.2 percent over 2008-2016.

CONGRATULATIONS

- Saturday, October 29, 2016, the Flying Salukis won First Prize at the NIFA Regional competition scoring 355 points. Second place went to Lewis University with 161 points followed by Purdue University coming in 3rd with 83 points. Flying Saluki team member Brad Smith was named Top Pilot and Teddy Keegan was number 2. Congratulations to the Flying Saluki team members and coaches for the big win!

As you can see the Flying Salukis Team was amazing in that they dominated the competition.

Congratulations to head coach, **Jacob Schwarz** and all the Assistant Coaches and Team Members for such a great performance! Here is the link to the official results at NIFA. Please note how so many of the events (especially the flying events) were first through fourth or fifth by Saluki's! An astounding achievement.

<https://nifa.aero/wp-content/uploads/2016-Region-VIII-SAFECON-Official-Results.pdf>



- Please join me in congratulating Mr. **Joseph Schuster** for being selected as the 2016 CASA Distinguished Alumni Award winner! Many thanks go to Mike Burgener, Chair of Department of Aviation Technologies, for his nomination and recommendation. The CASA Board of Counselors met on Wednesday, October 19, 2016, and selected Joe to receive this year's award. Mr. Schuster earned his Bachelor of Science degree in Aviation Technologies from SIU in 2005. After graduation Joe joined Midcoast Aviation at the St. Louis Downtown Airport. There he worked as an aircraft technician on many different models of aircraft, eventually specializing in the Bombardier Global Express and Gulfstream airframes. During this time Midcoast Aviation transitioned to Jet Aviation and Joe transitioned to lead technician where he supervised five individuals. Shortly thereafter Joe began supervising completions of Global Express aircraft. Then, in 2010, Joe was named the supervisor of the C-20 Depart where he was responsible for a team of 20 technicians.

It was during this time working on the U.S. Government C-20 contract that Joe became aware that the Navy would be decommissioning one of their C-20 (Gulfstream GIII) aircraft. Through his contacts with the U.S. Navy, Joe worked to persuade the U.S. Government to donate this aircraft to SIU rather than mothball or otherwise dispose of the aircraft. More than a year went by during which Joe helped to solve all logistical problems dealing with getting this aircraft delivered to SIU. On February 12, 2015 The GIII landed at Southern Illinois Airport and Joe was there to help greet it!

Through Joe's efforts, SIU Aviation has gained a valuable training aid. This aircraft, worth millions, is not the newest aircraft in our fleet for Aviation Technologies. It has all the modern systems that our program has lacked. Our students now benefit by having a newer, more relevant, aircraft on which to learn. Many of our students go to work at large aircraft repair stations such as Jet Aviation in Cahokia and West Star Aviation in East Alton. Both of these employers have large Gulfstream program. Our students are now able to gain experience working on the same airframe that they will encounter after graduation. This alone makes this donation incredibly valuable to our students and goes beyond the monetary value, which is also considerable.

Joe has since moved onward and upward from the C-20 program and now manages the accessory, calibration, non-destructive testing, and turbine engine shops. This is a large portion of the Jet Aviation operation. Joe's career at Jet Aviation continues to soar!

Joe has been instrumental in securing large donations of aircraft and equipment for the program but he contributes in other ways as well. Joe has served on the Aviation Technologies Advisory Committee since 2014 and in this capacity serves to mentor students and advise the faculty of emerging trends within the aviation industry.

Joe Schuster is without a doubt one of our most distinguished alumni. Congratulations!

- Dr. **Rolando Gonzalez-Torres**, Associate Professor of Architecture, has a paper titled "Human Territoriality: An Expected Bond for Subsistence" accepted for presentation at the Seventh International Conference on The Constructed Environment which will be held at Krakow, Poland 25-26 May 2017. Congratulations!

- According to The Community for Accredited Online Schools (AccreditedSchoolsOnline.org), our Radiologic Science program has been recognized as one of the best in the nation. As a leading resource for higher education and college accreditation information, the site released its annual ranking for the 2016-2017 school year, honoring Southern Illinois University - Carbondale as the #5 Best Four Year Radiology Technician Program in the Nation. “We wanted to highlight schools like Southern Illinois University - Carbondale, who are striving for excellence in education,” said Doug Jones, CEO and Founder of the Community for Accredited Online Schools. “These colleges offer an exceptional educational experience, upholding rigorous accreditation standards and showing an overall commitment to maximizing student success.”

In order for universities to qualify for this ranking they must hold public or private not-for-profit status and carry institutional accreditation. Top schools are determined by using a value-based methodology that analyzes more than a dozen qualitative and quantitative data points.

For a complete list of radiology technician programs for 2016-2017 and more information on the methodology used to rank each school, visit the following page:

<http://www.accreditedschoolsonline.org/vocational-trade-school/radiology-technician/>



- Please join me in congratulating Dr. **Sam Chung** and all ISAT faculty and staff on a constantly increase of enrollment in IST (Information Systems Technologies) and TRM (Technical Resource Management). IST on-campus enrollment has increased 18.6% from Fall 2014 to Fall 2016; while TRM online enrollment has increased 34.8% from Fall 2014 to Fall 2016. Congratulations!
- Dr. **John Legier**, Associate Professor of Technical Resource Management (TRM), Ms. **Shannon Gwaltney**, Academic Advisor of ISAT, and Dr. **Sam Chung**, Director of ISAT, had a successful recruiting event at John A. Logan College (JALC) on Wednesday, October 26, 2016. They visited the Construction Management class and Electronics class, talking to students and instructors there about the recent development in our TRM online offering and face-to-face offering at JALC. Congratulations!

- **Mr. Martin Hebel**, Associate Professor of Electronic Systems Technologies (EST), had several live demonstrations of his DawgZooka robot during the following University events:
 - Friday, September 16, 2016, SIU Movie Night, the Saluki Stadium;
 - Friday, September 23, 2016, SIU Movie Night II, the Saluki Stadium; and
 - Friday, October 21, 2016, SIU Homecoming Weekend, the Saluki Stadium.



Mr. Martin Hebel was preparing the robot, DawgZooka, in the Saluki Stadium field



EST students, Jim, Eric, Elizabeth and Derek were waiting for their turn to shoot T-shirt with DawgZooka during SIU Homecoming weekend

Many thanks to Mr. Hebel for his creative way to recruit more future engineers and technicians to study and work in the STEM fields such as Electronic Systems Technologies, Information Systems Technologies, and Technical Resource Management.

- **Dr. Sam Chung**, Director and Professor of the School of Information Systems and Applied Technologies (ISAT), has a research work entitled “*A Test Bed for Architecture-Driven Cyber-Physical System (CPS) Re-engineering and Penetration Testing Practices*” accepted for presentation at the 17th KOCSEA Technical Symposium, November 4-5, 2016 at the Korea-US Science Cooperation Center (KUSCO) in Vienna, VA. This presentation is related to his SIU Undergraduate Scholarship (UGA) award. Congratulations!
- The Illinois Department of Public Health Division of Oral Health is working with the Illinois Department of Healthcare and Family Services Dental Program to complete program evaluations of the annual school-based oral health program. The quality assurance site visit to our Dental Hygiene (DH) program in the School of Allied Health (SAH) was conducted on October 24, 2016 by an Illinois Department of Public Health oral health consultant. The site visit report shows that our DH program is in compliance with all program requirements. Congratulations to **Faith Miller, Danna Cotner, Scott Collins, Natalie Richardson**, and all others involved in maintaining the high quality of our DH program!
- Students, Faculty and staff in the Dental Hygiene (DH) program acknowledge with reverence the bravery of those women who won the fight against breast cancer, as well as those who lost the

battle and left loving family behind. DH wore pink and “painted the pumpkins pink” to show our support of the efforts of the campus-wide “Start Seeing Pink” initiatives. DH celebrates National Dental Hygiene Month in October as well with the hope of educating the public of the importance of not only performing breast self-exams and getting their yearly mammograms; BUT also having an oral cancer screening (OCS) to prevent mouth cancers which has reached worldwide prevalence exceeding 640,000 new cases annually. Re: <http://oralcancerfoundation.org/>). The OCS is a routine part of the dental hygiene exam. Potential patients are encouraged to call the SIU Dental Hygiene Clinic at 618-453-8826 to schedule an appointment! Please find pictures at the following page:

<http://asa.siu.edu/news/2016/dental-hygiene-seeing-pink.html>

- During the Scholarship Brunch last Saturday, **Avona Greene**, Health Care Management Senior, was the student speaker. She did an excellent job speaking on behalf of students receiving scholarships, and representing her program and the College. Congratulations!

AD STAFF MEETING

The Administrative (AD) Staff will meet on Wednesday, November 2, 2016, 9:00am - 11:00am in the Dean’s Conference Room. The tentative agenda of the meeting is below:

1. Welcome, Open Forum, and Dean’s Update
2. Board of Counselors Meeting Report
3. Special Reports from Departments and Schools
4. CASA Diversity & Inclusion Committee
5. Round Table Discussion and Other Business

If you have any specific items that you feel the Administrative Staff should consider at the meeting, please send me your suggestions before 1:00pm Tuesday, 11/1/2016. All faculty and staff are invited to the open forum section of the Administrative Staff meeting from 9:00am - 9:30am.

DRONE NEWS

The largest drone racing league in the world reached a major milestone recently. Last month MultiGP registered its 11,000th pilot, an amazing accomplishment from a racing league less than two years old. With close to 400 chapters nationwide and 800 chapters worldwide, MultiGP is not only the largest drone racing group but one of the largest grassroots racing organizations in the world. Local MultiGP race chapters often hold “Fun Flies”, where they welcome the general public to come out and experience First Person View (FPV) drone racing for themselves. Many pilots carry a spare set of FPV goggles, so a spectator can “ride along” with the pilot as they speed through gates and obstacles.

ON THIS WEEK’S CALENDAR

- Monday, October 31, 2016: 1:30pm - 2:30pm, SIU Day of Giving planning meeting, Kaplan Hall.
- Tuesday, November 1, 2016: 10:00am - 12:00pm, Deans Council Meeting, Anthony Hall Balcony Conference Room.
- Wednesday, November 2, 2016: 9:00am - 12:00pm, Ad Staff Meeting, Dean’s Conference Room.

- Thursday, November 3, 2016: 9:00pm – 4:00pm, Automotive Advisory Committee Meeting, Multipurpose Room, TEC.
- Friday, November 4, 2016: 5:00pm - 6:00pm, SIU Leaders and Scholars Reception, Student Center Ballrooms.
- Saturday, November 5, 2016: 9:30am - 11:30am, SIU Open House, SIU REC Center.

AND FINALLY ...

If you see something in this update that you want to comment on, please send an email to my SIU email 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