

CASA Dean's MMU (Monday Morning Update)

Monday, February 20, 2017

Dear Colleagues,

As you know, Governor Bruce Rauner proposed his FY 2018 budget plan including a projected \$32.7 billion in revenues and \$37.3 billion in spending during a joint session of the General Assembly at the Capitol Wednesday, February 15, 2017. Here is a list of items in his budget plan relating to higher education:

1. Grants under the Monetary Award Program (MAP) would increase by \$36 million (10% increase) to cover an additional 120,000 college students.
2. For the Illinois Board of Higher Education (IBHE), the recommended FY 2018 budget is \$72.4 million, a 26% increase from the FY 2017 estimated maintenance for IBHE. The budget also includes \$1.08 billion for universities, a 10% decrease from the FY 2015 final appropriation which includes \$60.1 million for performance-based funding, approximately 6% of university funding. By introducing \$60.1 million in performance-based funding, the recommended budget moves the state towards a funding model which recognizes the differences between each university rather than funding them all the same.
3. For SIU, remember that Gov. Rauner proposed last year for FY 2017's appropriation to SIU \$159,673.80K, which is 79% of the previous full budget in FY 2015 (\$201,146.50K).
4. For FY 2018, Gov. Rauner's proposed appropriation for SIU is \$169,651.70K, which is 84% of the FY 2015 budget. Comparing to last year's estimated expenditure of \$180,410.20K, the FY 2018 appropriation will be only 94% of FY 2017 estimated maintenance/expenditure. More information about the proposed budget for FY 2018 is available at:
<https://www.illinois.gov/gov/budget/Documents/Budget%20Book/FY2018%20Budget%20Book/FY2018OperatingBudgetBook.pdf>.

Last Friday, Illinois Senate Republican leader Christine Radogno said the chamber needs to vote by Feb. 28 to approve its still-evolving bipartisan "grand bargain" to end the state's historic stalemate or go home and let Democratic House Speaker Michael Madigan decide how to move the state forward. Tuesday February 28th is the first session day after the Senate comes back from a break this week. Hopefully, we will get positive news from Springfield to end the state's historic stalemate that has had a significant impact on higher education.

PERFORMANCE MEASURES BY IL UNIVERSITIES

Performance-based funding is a system based on allocating a portion of state budget according to academic program performance measures such as course completion, credit attainment, and degree completion, rather than allocating funding based on historical budget or entirely on enrollment. While states and institutions across the country experiment to find successful funding formulas, performance-based funding (also called outcomes-based funding) is gaining momentum. The time is now for our institution to think about how performance-based funding can be effectively used to achieve better student outcomes. Among other indicators, graduation/retention rates are widely recognized as the most important performance measure for a high education institution. They are important not only for securing state appropriation, but also for recruiting and retaining high-achieving students. The following table was

generated based on Gov. Rauner's FY 2018 Budget Book, summarizing the Graduation / Retention rates in Illinois higher education institutions.

<u>Graduation / Retention Rate</u>	Actual			Estimated	Projected
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
EIU (Eastern)	59/76	58/75	57/71	57/71	57/71
GSU (Governor's)	NA	60	53	60	60
ISU	72/82	72/81	73/82	72/81	72/81
NEIU (Northeastern)	20.3/61.6	21.8/61.0	23.9/55.2	24.7/61.0	25.4/62.7
NIU	50/71	50/70	50/72	50/72	50/72
SIUC	44/68	45/68	45/65	45/65	45/66
SIUE	50/69	50/73	49/74	47/72	48/73
UI Chicago	60/80	60/82	58/80	58/80	58/80
UI Springfield	49/79	48/77	50/74	50/74	50/74
UI Urbana-Champaign	84/94	85/93	85/94	85/94	85/94
WIU	54/72	54/68	53/69	53/70	53/70

PRESIDENT'S DAY OPEN HOUSE

Today is the first SIU Open House event this year. Because of the Presidents' Day holiday, I expect a big crowd attending the event today. Please come to the Open House if you are available - it is in the Student Center International Lounge. From 9:30am to 11:00am, prospective students and their family will visit our College tables talking with faculty and staff. We will just be mingling and showing our team spirit for SIU. From 12:30pm to 1:30pm, students will visit departmental showcases: Students interested in Automotive Technology or Aviation programs will visit the Transportation Education Center (TEC) north lobby. School of Architecture will welcome students and their friends in the Room 119 of Quigley Hall. School of Allied Health will be in ASA Room 18, and School of Information Systems and Applied Technologies will be in ASA Room 104.

Let's work together to give prospective students and their parents/friends a very positive experience during the Open House today. We want to assure them that students will have an excellent education experience in and out of the classroom here at SIU. Student success is not only our job but also our passion. We have a great variety of resources and services on campus and in our College to support our students physically, socially, intellectually and emotionally. We are here to help and support students in all CASA programs. Let's make today a big day for our future students starting Fall 2017 or Fall 2018!

CONGRATULATIONS

- The most prestigious award in CASA, the E.J. and Mary C. Simon Distinguished Faculty Award, this year goes to Dr. **Kevin Scott Collins**, Professor and Director of the School of Allied Health. Congratulations! This award is intended to acknowledge, celebrate and reward extraordinary lifetime achievement with respect to teaching and other activities directly related to the education and general welfare of students of the College of Applied Sciences and Arts (CASA). This is the top faculty award in our College. The recipient receives \$5,000 and a plaque, and makes a speech at the annual CASA *Honors Day* Ceremony.

	<p>Professor Kevin Scott Collins, 2017 E.J. and Mary C. Simon Distinguished Faculty Award winner. Throughout his career, Scott has assisted with the development and/or implementation of the following online programs for the School of Allied Health: Master of Science in Medical Dosimetry Tracks 1 and 2, Master of Health Administration, Master of Health Informatics, Master of Science in Radiologic Sciences, Online Healthcare Management option, online degree completion option for Mortuary Science and Funeral Service, online Radiologic Science Management/Education option, and online Dental Hygiene Management/Education option. These programs have been major contributors to large enrollment increases for the School of Allied Health. He currently serves as the program director for the Medical Dosimetry program and the Radiation Therapy specialization within the Radiologic Science program. Both programs are accredited by the Joint Review Committee on Education in Radiologic Technology and graduates experience much higher than average pass rates on their national certification exam.</p>
--	---

The Master of Science in Medical Dosimetry was initially developed as a Post-Baccalaureate Certificate program and was the first Graduate level program for the College of Applied Sciences and Arts. It should also be mentioned the MS in Medical Dosimetry was the first JRCERT accredited graduate level program in the country. Since becoming the Director for the School of Allied Health role in January 2014, Scott has worked with SAH faculty and staff to increase enrollment from 758 to 921 students in the fall 2016 semester. The 163 additional students represent a 21.5% increase in SAH enrollment.

Dr. Collins' expertise includes Radiation Therapy and Medical Dosimetry. The Radiation Therapy and Medical Dosimetry programs are both accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Each received the three-year initial accreditation award and now hold the maximum eight-year award after successful site visits. The first attempt five year pass rate for our students taking the ARRT exam was 98.8% (83/84) and the MDCB exam was 97.3% (72/74). Both results are very good considering the most recent national pass rates are ~88% for the ARRT exam and ~78% for the MDCB exam. In the area of research, Scott's article titled "Comparing Critical Structure Dose: Prone vs. Supine Breast Treatments" was awarded the Harold Silverman Distinguished Author Award for the outstanding peer-reviewed article in the ASRT

Radiation Therapist journal during the 2011 publication year. A second award included the 2011 publication titled “An Evaluation of the Contouring Abilities of Medical Dosimetry Students for the Anatomy of a Prostate Cancer Patient” as it received the second place award in the 2011 AAMD writing competition. Scott was the sole author of this paper. This award was presented at the 36th Annual Meeting in St. Louis, Missouri. The last award was for the 2007 publication titled “Succession Planning and Leadership Development: Critical Business Strategies for Healthcare Organizations.” It was awarded the 2007 *Radiology Management* journal’s Outstanding Article Award. In addition to the publications and presentations, Scott received four grants from internal and external funding sources. The funded grants include two from ASTRO/AAMD for \$5,000 each; one from the Society of Diagnostic Medical Sonography (SDMS) for \$3,228; and the last funded grant was through SIUC’s Graduate Technology Enhancement Grant program for \$11,028. Scott has also been instrumental in securing equipment donations (approximately \$1.8 million total value) for the radiation therapy and medical dosimetry programs.

E.J. Simon was dean of the College from its inception in 1951, until his retirement in 1970, and both he and his wife, Mary C. Simon, remained strong supporters of the University and CASA. This award recognizes the overall accomplishments of a faculty member in support of his or her respective program and can only be received once in a lifetime. I would like to take this opportunity to thank all nominators and the E.J. and Mary C. Simon Distinguished Faculty Award Selection Committee for their diligent work and service. Congratulations again!

- Please join me in congratulating **Shannon S. McDonald**, AIA, Assistant Professor of Architecture and Interior Design (ARC & ID), on being selected the 2017 CASA Graduate Faculty Mentor Award! Professor McDonald has established a strong record of working with our students to achieve research and learning outcomes that extend well beyond the classroom.

Professor McDonald holds graduate faculty status at SIUC. In the last five years, she has served on 40 master's thesis design committees for the School of Architecture. She was chair of 15 of those committees. Her students have come from eight countries in the last five years. Professor McDonald averages eight committees per year with three of those committees as chair each year. She is sought by our students because they know they will work very hard, learn a great deal, and have a partner in their graduate thesis design work like no other in the School of Architecture. Professor McDonald's students complete their thesis design work and graduate on time in almost every case. She produces Master of Architecture graduates.

Shannon teaches in both the graduate and undergraduate architecture programs. She was the lead professor for ARC 551: Comprehensive Design Studio seven times in the last five years. She has offered an independent study course on energy modeling to our students, and she currently is the lead professor in ARC 541: Systems & Technology. In addition, she is the lead professor in ARC 481: Environmental Systems II and ARC 482: Environmental Systems III. ARC 481 and 482 are taken by undergraduates in both the architecture and interior design programs. Professor McDonald has taught several undergraduate studios in the last five years as well.

To cite more specific examples of her mentorship to graduate students in the School of Architecture, Professor McDonald has:

- Worked with a team of three SIU students, two from architecture and one from business, to complete their submission for design of a refugee camp in Jordan. This competition is the Architecture and Public Administration competition sponsored by International Development in Action this year. In addition to architectural design suitable to the purposes of the camp, the students had to develop an operational plan.
- Published four articles or publications with graduate students. With Sabin Chakradhar, she published *Energy Efficient Commercial Complex in Kathmandu, Nepal: Integrating Energy Simulations Into the Design Process* in the Journal of Architectural Engineering, a prestigious venue in this field. With Ronald Greene, she presented *Airflow Design for Middle Class Housing in Sierra Leone* at PLEA 2016 in Los Angeles . Proceedings of this conference were distributed digitally on the PLEA 2016 website. With Lucas Shubert, she presented *Transportation Conditions and Solutions in Carbondale, Illinois* at the Transportation Research Board. This article was published in the Journal of Applied Sciences & Arts, making a total of four articles or publications with graduate students from the School of Architecture.
- Served on two doctoral dissertation committees through SIUE. Both topics are transportation related. The students are K. Bahaaldin, and M. Williamson.
- Worked with six graduate research assistants on topics related to either energy use or transportation.
- Worked with five graduate teaching assistants in ARC 481: Environmental Design II.
- Helped two graduate students receive scholarships sponsored by the AIA St. Louis for work completed in 2014 in ARC 551: Comprehensive Design Studio. The work was in conjunction with a university in Sweden . The Department of Geography and Environmental Resources and the School of Architecture worked collaboratively to develop a relationship with Gavle University in Sweden. Professor McDonald was the lead on this effort for the School of Architecture, also.

Professor McDonald has received undergraduate assistantships on four occasions. Most recently, she worked with architecture student Shelby Orr to develop the Master Bicycle Plan for the SIU campus and to receive the designation "Bicycle Friendly University" from the American Bicycle League.

The Graduate Faculty Mentor Award recipients will be recognized during the SIU Creative Activities and Research Forum on April 3-4, 2017. Congratulations!

- Please join me in congratulating **Chad Schwartz**, Registered Architect (RA) and Assistant Professor of Architecture and Interior Design (ARC & ID), on receiving the 2017 CURCA Faculty Mentor Award!

Chad Schwartz has been very active in engaging architecture and interior design students with research over the past several years. Since 2012, he has worked with six undergraduate research assistants [UGA], two of whom have won first place awards at the Undergraduate Creative Activities and Research Forum. Many of these students participated and contributed in the creation of Professor Schwartz's recently released book *Introducing Architectural Tectonics*, which was published through Routledge in November of 2016. Along with the UGAs, Professor

Schwartz worked with two undergraduate students over the course of the 2014-2015 academic year in a pair of independent study courses focused on the book. During that time span, each of the students co-wrote two chapters in Schwartz's book, receiving full co-author credit for their hard work. Professor Schwartz has taught or co-taught a number of additional independent study courses which served as a basis for his research in the practice of design/build. These students were actively engaged during these courses in studying the practice of design build in a variety of contexts, scales, and social situations. In all, almost thirty students have participated in these types of courses. Professor Schwartz has also worked with two students on their honor's theses and two more on honor's projects since 2012. In 2015, Schwartz served as a faculty sponsor for five students presenting posters at the ASA Multidisciplinary Research Forum. The following year, in 2016, he served as a sponsor for 16 accepted student posters (including all three award winners), two accepted student oral presentations, and one accepted full paper written by an architecture graduate student.

In addition to his work with undergraduate students, Professor Schwartz has worked with two graduate architecture students on submissions for the Graduate Creative Activities and Research Forum who took home awards in 2015 and 2016. He has served as a faculty chair for eleven graduate architecture student's thesis committees since 2012 and has additionally been a committee member for twenty-eight more committees. Professor Schwartz is currently the co-chair of the CASA Multidisciplinary Research Symposium, co-chair of the CASA Research Committee, and a member of the Operations Board of the Journal of Applied Sciences and Arts.

The CURCA Faculty Mentor Award recipients will be recognized during the SIU Creative Activities and Research Forum on April 3-4, 2017. Congratulations!

- Please join me in congratulating SIU **Security Dawgs** team on winning second place at the Illinois qualifying Collegiate Cyber Defense Competition (IL CCDC) last Saturday, February 18, 2017!

The IL CCDC was held in two places: Moraine Valley Community College, Palos Hills in IL and SIUC, Carbondale, IL. The Midwest Region includes eight (8) states: Illinois, Indiana, Michigan, Minnesota, Missouri, Kentucky, Ohio, and Wisconsin. All second place teams in their respective state qualification CCDC will have opportunity to compete in the Wildcard CCDC scheduled for March 4, 2017. Top winners of this event will be eligible to move onto the 2017 Midwest Regional CCDC at Moraine Valley Community College March 17-18, 2017.

The SIU Security Dawgs is a Registered Student Organization (RSO). Below is the team roster for this year's IL CCDC:

<u>Official Team Members:</u>	<u>Alternative Team Members:</u>
<ul style="list-style-type: none"> • Hallie Martin - Team Captain • Vincent Davis • Jonathon Farmer (Vice President) • Cody Lingle (President) • Christian Scott 	<ul style="list-style-type: none"> • Rob Brevard • Jordan Brown • Curtis McRoy • Michael McCarthy

<ul style="list-style-type: none"> • Trent Taylor • Brandon Truckenmiller • Logan Truckenmiller 	<p><u>Faculty Advisor:</u></p> <p>Tom Imboden, Associate Professor of IST</p>
--	---

The SIU Security Dawgs team has been working hard to prepare for the IL CCDC since the beginning of the Fall 2016 semester under the guidance of Tom Imboden, Associate Professor of Information Systems Technologies (IST). During the IL CCDC last Saturday, a team from Southeastern Illinois College (SIC, Harrisburg, IL) participated in the event at SIU Carbondale. Many faculty, staff, and alumni came by during the Saturday's competition to support our team and meet the faculty and students from SIC, including the following: **Belle Woodward**, Associate Professor of IST, **Martin Hebel**, Associate Professor of EST, **Sam Chung**, Professor and Director of ISAT, Tom Shaw, Mike Behrmann, and Andy Wang from the Dean's office.

	
<p>SIU Security Dawgs Team before competition</p>	<p>Security Dawgs team during competition</p>
	
<p>Security Dawgs Team Alternate Members Michael McCarthy and Jordan Brown</p>	<p>Security Dawgs Alumni Adam Woodworth, Josh Goodman, Marcus Wood, and Leonard Goodsell</p>



Southeastern Illinois College (SIC) Team



Tom Imboden, Associate Professor & Security Dawgs Advisor and Scott Reed, faculty member from SIC

- **Jarrold Echols**, a graduate from CASA Information Systems Technologies (IST) program, is now working for the Executive Office of the President in Washington, DC. He is a member of the White House Information Technology Team, identifying and combating threats to the president's network. Congratulations!



Jarrold Echols pictured outside the White House in Washington, DC. Picture source: JALC Media Services.

AD STAFF MEETING

The Administrative (AD) Staff will meet on Wednesday, February 22, 2017, 9:00am - 12:00pm in the Dean's Conference Room. The tentative agenda of the meeting is below:

1. Welcome, Open Forum, and Dean's Update
2. Presentation and Discussion: Terri Harfst, Amanda Sutton, and Rachel Brewster
3. Yield and Recruitment Strategies for Fall 2017 and Beyond
4. Transfer Articulations with Community Colleges
5. Round Table Discussion
6. Critical Deadlines 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, 2/21/2017. All faculty and staff are invited to the open forum section of the Administrative Staff meeting from 9:00am - 9:30am.

STUDENT DEVELOPS PLAN BEE DRONE

An industrial design student at the Savannah College of Art and Design developed a personal robotic bee that mimics how bees pollinate flowers and crops. The drone performs cross-pollination by sucking in pollen from a plant and then transfers it onto other flowers.



(Picture source: CNN Tech)

ON THIS WEEK'S CALENDAR

- Monday, February 20, 9:00am - 11:00am, SIU Open House College Fair, Student Center International Lounge; 12:30pm - 1:30pm, Program Showcases.
- Tuesday, February 21, 2017: 10:00am - 12:30pm, Deans Council Meeting, Anthony Hall Balcony Conference Room.
- Wednesday, February 22, 2017: 9:00am - 12:00pm, CASA Administrative Staff Meeting, Dean's Conference Room; 10:00am - 2:00pm, SIU Spring Career Fair, SIU Arena.
- Thursday, February 23, 2017: 8:00am - 10:00pm, SIU Assessment Day Conference, Morris Library Guyon Auditorium.
- Friday, February 24, 2017: 6:00pm-8:30pm, Saluki Women's Basketball vs. Illinois State, SIU Arena.

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