

CASA Dean's MMU (Monday Morning Update)

Monday, February 6, 2017

Dear Colleagues,

With the executive order issued by President Trump barring admission to the United States of Syrian refugees and imposing a 90-day ban on all immigrant and nonimmigrant entry from seven Muslim-majority nations, U.S. colleges could lose up to \$700 million in revenue per year if this immigration ban becomes permanent, according to a report released last week by College Factual, a higher education forum. The figure comes from student visa data and depends on whether international students pay the full price of tuition and fees. Almost 16,000 students who attend U.S. colleges and universities come from countries affected by the immigration ban. Leaders of several U.S. universities have spoken out to oppose the ban. SIU Interim Chancellor Brad Colwell wrote to the campus community and encouraged all students, faculty and staff to support and respect our international students in these uncertain times. The SIU International Festival 2017 is this week. Let us show support for our international students, celebrating the diversity, inclusiveness and cultures represented at SIU and in the region during this festival. Today, there is a Parade of Flags event starting at 9:45am in Woody Hall, across the campus, and arriving at the Student Center. Interim Chancellor Colwell will officially open the festival at 10:30am in the Student Center International Lounge.

MACHINE VS HUMAN: 60:0



AlphaGo is a computer program developed by the Google DeepMind team to play the board game *Go*. In March 2016, AlphaGo beat a 9-dan professional, Lee Sedol, 4:1 without handicaps. As of January 5, 2017, AlphaGo's online record was 60 wins and 0 losses, including three victories over Go's top ranked players in China and South Korea, with many world champions.

The sweeping victory of machine over human players indicates the great potential of artificial intelligence. Combined with natural language processing, deep learning will change a lot of our daily practice in higher education in the future. *AI Magazine* published a paper in 2013, "AI Grand Challenges for Education" by Beverly Woolf, et. al., summarized the following "grand challenges":

- **Virtual mentors for every learner:** Omnipresent support that integrates user modeling, social simulation and knowledge representation.
- **Addressing 21st century skills:** Assist learners with self-direction, self-assessment, teamwork and more.
- **Analysis of interaction data:** Bring together the vast amounts of data about individual learning, social contexts, learning contexts and personal interests.
- **Provide opportunities for global classrooms:** Increase the interconnectedness and accessibility of classrooms worldwide.
- **Lifelong and lifewide technologies:** Taking learning outside of the classroom and into the learner's life outside of school.

The success of AlphaGo gives us more confidence in applications of artificial intelligence, addressing the challenges listed above.

SCHOLARSHIP INTERVIEW

More than 350 high-achieving high school students and their family members were on campus last weekend for the Chancellor's and University Excellence Scholarship Interview Weekend. All of these students have already been admitted to the University. SIU will award 25 Chancellor's Scholarships, which cover tuition, fees and room and board for four years, and a larger number of University Excellence Scholarships, which is an \$8,500 award for four years.

Below are a few photos taken at Friday's College Showcase and Saturday at the Student Center with the Flying Salukis. Great weekend getting to meet our Scholars and their families.





CONGRATULATIONS

- Dr. **Joan Davis**, Professor of Dental Hygiene, has been selected as the recipient of the 2017 ADEA (American Dental Education Association)/ADEAGies Foundation Education Fellowship. Each year, ADEA and the ADEAGies Foundation provide the opportunity for a dental educator to become familiar with a broad range of timely issues facing dental education through a unique learning experience. Dr. Davis will receive a stipend of up to \$15,000 to pursue a cumulative two- to three-month fellowship at the ADEA office in Washington, DC, working with ADEA staff. Congratulations!
- **Shannon S. McDonald**, AIA, Assistant Professor of Architecture and Interior Design (ARC & ID), just published a paper titled “Energy-Efficient Commercial Complex in Kathmandu, Nepal: Integrating Energy Simulations into the Design Process” and co-authored with Sabin Chakradhar, online at: <http://ascelibrary.org/doi/10.1061/%28ASCE%29AE.1943-5568.0000239>. The paper should also appear in a paper copy of the *Journal of Architectural Engineering* in the future. Congratulations!
- Dr. **Qian (Jenny) Huang**, Assistant Professor of Architecture, has a paper titled "A Compact and Versatile Wireless Sensor Prototype for Affordable Intelligent Sensing and Monitoring in Smart Buildings" accepted for presentation at the 2017 International Workshop on Computing in Civil Engineering (IWCCE 2017), which is hosted by the University of Washington and will be held in Seattle, WA, USA, from June 25 to 27, 2017. Congratulations!
- Dr. **Sandy Collins**, Associate Professor and Program Director of the Health Care Management program, has accepted an invitation, to serve on the Criterion 4 Committee for the upcoming Higher Learning Commission (HLC) Sub-Committee for the upcoming HLC reaccreditation of Southern Illinois University. The scope of the committees is to coordinate efforts and provide input and direction on performance and measurement-related topics that will be included in the institution’s self-study due spring 2019. The duties will include a number of working meetings to develop and discuss the requirements for the criterion, data gathering, and drafting of the actual document chapter. Please join me in congratulating Dr. Collins and also thanking her for this important service!
- General Motors recently donated a Chevrolet Cruze to the SIU Automotive Technology program. Equipped with a 1.4L turbo-charged engine, this vehicle is powering up the students diagnostic and problem solving ability. Several SIU Automotive alumni at GM helped make this donation possible. Congratulations!



- Please join me in congratulating the School of Architecture (SOA) for its articulation agreement with St. Louis Community College. The agreement has been signed by Dr. Susan Ford, Interim Provost and Vice Chancellor for Academic Affairs, for Interim Chancellor Brad Colwell, and Dr. Andrew Langrehr, Vice Chancellor for Academic Affairs, and Dr. Jeff L. Pittman of St. Louis Community College. According to the agreement, all graduates of St. Louis Community College with an Associate of Arts (A.A.) degree and meeting SIU Carbondale admission requirements will be considered for admission into SIU Carbondale's Bachelor of Science (B.S.) degree in Architectural Studies (ARC) in the College of Applied Sciences and Arts based upon the Department's enrollment criteria and space availability. Congratulations!
- Please join me in congratulating the School of Information Systems and Applied Technologies (ISAT) for its articulation agreement with McHenry County College, Crystal Lake, IL. The agreement has been signed by Dr. Susan Ford, Interim Provost and Vice Chancellor for Academic Affairs, for Interim Chancellor Brad Colwell, and Dr. Clinton E. Gabbard, President of McHenry County College. According to the agreement, all graduates of McHenry County College with an Associate in Applied Science (A.A.S.) degree in Network Security and meeting SIU Carbondale admission requirements will be considered for admission into SIU Carbondale's Bachelor of Science (B.S.) degree in Information Systems Technologies (IST) in the College of Applied Sciences and Arts based upon the Department's enrollment criteria and space availability. Congratulations!
- Please join me in congratulating Gary Kistner, Program Coordinator and Director of Graduate Studies, Public Safety Management Program, for its articulation agreement with McHenry County College, Crystal Lake, IL. The agreement has been signed by Dr. Susan Ford, Interim Provost and Vice Chancellor for Academic Affairs, for Interim Chancellor Brad Colwell, Dr.

Terri Berryman, Interim Associate Vice President of Career, Technical and Workforce Education, and Dr. Clinton E. Gabbard, President of McHenry County College. According to the agreement, all graduates of McHenry County College with an Associate in Applied Science (A.A.S.) degree in Emergency Medical Technician - Paramedic and meeting SIU Carbondale admission requirements will be considered for admission into SIU Carbondale's Bachelor of Science (B.S.) degree in Public Safety Management (PSM) in the College of Applied Sciences and Arts based upon the Department's enrollment criteria and space availability. Congratulations!

AD STAFF MEETING

The Administrative (AD) Staff will meet on Wednesday, February 8, 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. 2017 Plan to Promote Research and Creativity
3. Transfer Articulations with Community Colleges
4. Distance Education Travel Issues
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, 2/7/2017. All faculty and staff are invited to the open forum section of the Administrative Staff meeting from 9:00am - 9:30am.

MERGERS IN HIGHER ED

- **PA:** With falling enrollment and stagnant funding, Pennsylvania's state university system is undergoing a strategic review that could result in the merger or closure of some of its 14 campuses [<http://www.philly.com/philly/education/>].
- **OR:** Oregon Senate introduced a bill that would allow Oregon community colleges and public universities to voluntarily merge, with a potential for institutional savings, as well as the ease and possible personal savings for students moving across the state higher education system.
- **GA:** After consolidating 12 campuses statewide in the last few years, Georgia Board of Regents recently approved a merger between Georgia Southern University and Armstrong State University. The combined institution will have more than 27,000 students.

STATE SUPPORT

