

CASA Dean's MMU (Monday Morning Update)

Monday, March 20, 2017

Dear Colleagues,

Please join me in congratulating SIU Security Dawgs team on winning the second place in the Midwest Collegiate Cyber Defense Competition (MWCCDC)! Below is a team photo, and more information will be provided in the CONGRATULATIONS section.



OPENSIUC TOP DOWNLOADED PAPERS

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I am pleased to report to you that, as of March 19, 2017, based on the average number of full-text downloads per day since the paper was posted, the “All Time Top 10 Downloads Most Popular Papers” list at OpenSIUC (<http://opensiuc.lib.siu.edu/topdownloads.html>) has two papers from CASA:

- #3: “Hybrid Air Conditioning Systems Overview,” by **Eugene Talley**, Associate Professor of Automotive Technology;
- #8: “Hybrid Regenerative Braking Systems,” by **Timothy Janello**, Associate Professor of Automotive Technology, and **Eugene Talley**, Associate Professor of Automotive Technology.

Congratulations!

JASA READERSHIP

As many of you know, Dr. Andrey Soares (Associate Professor of Information Systems Technologies, IST) is conducting his postdoctoral research at the University of Colorado Denver, exploring data science and analytical techniques. Last week, he shared with me the total number of downloads, the number of downloads in the past 30 days, and the access from different countries for the JASA - Journal of Applied Sciences and Arts, as shown in the picture below:



This information was captured from the interactive map at the bottom of the JASA webpage: <http://opensiuc.lib.siu.edu/jasa>. This dynamic and interactive map is a good marketing tool for the journal. You will be able to see which of your papers has been downloaded by which country/region, and how many times it has been downloaded. So, if you publish your paper with JASA, you will have a very good readership and publicity! Please note that the next submission deadline for JASA is **July 15, 2017**. I hope to see many papers in the next JASA issue coming from our College. Thank you.

2017-2018 UGA APPLICATIONS

Undergraduate Assistantship (UGA) applications are now being accepted for the 2017-2018 academic year. All faculty and qualified staff are encouraged to consider potential UGA opportunities within their area for the 2017-2018 academic year (Fall 2017 and Spring 2018) and submit a position request. The UGA positions must be creative activity or research projects resulting in the student presenting a poster at the Undergraduate Creative Activities and Research Forum to be held on the first Monday of April 2018.

Positions that were approved for the 2017-2018 academic year are not automatically approved for the next academic year. Faculty and staff must re-apply and compete for funding each year. Only one application is to be submitted each year by a faculty or staff member. UGA applications are submitted

electronically from the UGA website. To apply for a UGA position, please go to: <http://undergraduateassistantship.siu.edu/apply/>

The deadline date to submit an application is **Monday, April 10, 2017**. After the deadline to apply, a University committee reviews the applications and selects the positions to be funded for the 2017-2018 academic year. Approved positions will be posted to the UGA website.

CONGRATULATIONS

- SIU Security Dawgs was placed second at MW CCDC: The SIU Security Dawgs RSO and cyber defense team traveled to compete in the 2017 Erich J. Spengler Midwest Collegiate Cyber Defense Competition (MWCCDC) event at Moraine Valley Community College in Palos Hills, Illinois last weekend. The competition started on Friday, March 17th, 2017, at 5:00pm and stopped at 10:00pm. The competition resumed Saturday morning at 9:00am and competition went until 6:00pm. During the course of the event, teams were tasked with securing their assigned computer systems, defending against attacks from professional ethical hackers, and completing nearly 70 business tasks assigned by the competition staff.

The SIU Security Dawgs did fantastic representing SIU and earning a second place finish, the best the team has done in nearly ten years. DePaul University won the event and University of Louisville came in third place. Please join me in congratulating the following team members for a great job done!

- Cody Lingle
- Jonathon Farmer
- Vincent Davis
- Logan Truckenmiller
- Brandon Truckenmiller
- Curtis McRoy
- Christian Scott
- Trenton Taylor
- Tom Imboden - Adviser







- Mr. **J. Kenneth Bro**, Assistant Instructor of Aviation Management and Flight, had a 2017 summer research proposal titled “FDM Machine Learning: Neural Network Prediction of Go-around Events” recommended for funding by the College of Applied Sciences and Arts. This project is a novel use of neural networks in post-hoc modeling of FDM go-around decisions with implications for predictive ad-hoc devices. Congratulations!
- Mr. **Bryan Harrison**, Associate Professor of Aviation Management and Flight, had a 2017 summer research proposal titled “Developing an Online Aviation Master’s Degree: A Needs Assessment” recommended for funding by the College of Applied Sciences and Arts. This project answers an important question for the future of SIU aviation: What should an online master’s degree in aviation from SIU look like? Congratulations!
- Mr. **Donald R. Morris**, Assistant Professor of Aviation Technologies, had a 2017 summer research proposal titled “To Fly with Raspberry Pi – Low Cost Electronic Cockpit Enhancement” recommended for funding by the College of Applied Sciences and Arts. The aims of this project are three-fold: (1) The extension of the benefits of low-cost open-source hardware and software into the world of general aviation; (2) Enhanced training for future aviation maintenance technicians. Low cost solutions will allow schools to train cutting edge technicians on actual equipment, instead of simulating training on out-of-date or non-functional equipment; and (3) Establish SIU’s position as a leader in aviation technology. Congratulations!
- Dr. **Qian (Jenny) Huang**, Assistant Professor of Architecture, had a 2017 summer research proposal titled “Software and Hardware Co-Design for Low-Cost, Compact, Autonomous

Wireless Sensor Platform for Smart Buildings” recommended for funding by the College of Applied Sciences and Arts. The objectives of the proposed research are to systematically develop and optimize a low-cost, compact, versatile and autonomous wireless sensor platform from a software and hardware co-design perspective. Congratulations!

- Dr. **Jon Daniel Davey**, AIA, Professor of Architecture and Interior Design, had a 2017 summer research proposal titled “The Operationalizing of Lynch’s Cognitive Representation Elements of Large Scale Environments” recommended for funding by the College of Applied Sciences and Arts. This is a research project collaboration with Professor Gregory Rose, Director of the Center for Integrated Research in Cognitive & Neural Sciences, Anatomy, SIU School of Medicine. Congratulations!
- Please join me in congratulating **Faith Yvette Miller**, RDH, MSED, Associate Professor and Program Director of Dental Hygiene (DH) program in the School of Allied Health (SAH), on a creative way to connect current students with alumni and future students through an “Alumni Achievements” web page on their program website!



OBAID BAIG– Please join us in congratulating Obaid Baig as he takes on the role of Product Marketing Coordinator, reporting to Ann O’Connor, VP, Periodontal SBU. Obaid will provide marketing support for programs and initiatives that are a key part of the growth strategy for the preventive and power scaling product lines.

As an intern for the periodontal team over the past five months, Obaid’s contributions touched many areas of the business including product strategy, global market analysis, and event planning, playing an integral role in the success of the RDH Under One Roof event in August.

Prior to joining Hu-Friedy, Obaid, a dental hygienist, provided treatment and education to patients at Asian Human Services health center.

Obaid earned his Bachelor's degree in Dental Hygiene from Southern Illinois University Carbondale, where he was a recipient of Hu-Friedy's Golden Scaler Award honoring students who have demonstrated outstanding skills and a commitment to clinical excellence. He received his Certificate of Business Management and Marketing from Insotus College. Obaid, who is married and lives in the Edgewater area of Chicago, is looking forward to joining Hu-Friedy. He shares, "My relationship with Hu-Friedy began in 2005 as a first year dental hygiene student. Since then, I've admired the company for its quality and commitment to dentistry. I am honored to officially join the Hu-Friedy family and I look forward to contributing to the future growth of the organization!"

Congratulations, Obaid!

For more information, please visit the Dental Hygiene Alumni Achievements page via the URL here: <http://sah.siu.edu/undergraduate/dental-hygiene/alumni-achievements.php>.

- Please join me in congratulating the School of Allied Health (SAH) 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. Clinton E. Gabbard, President of McHenry County College, and Mr. Chris Gray, VP of Academic & Student Affairs 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 Business Management, or Health and Fitness Education, or Occupational Therapy Assistant, and meeting SIU Carbondale admission requirements will be considered for admission into SIU Carbondale's Bachelor of Science (B.S.) degree in Health Care Management (HCM) 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!
- Please join me in congratulating the School of Architecture (SOA) 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. Clinton E. Gabbard, President of McHenry County College, and Mr. Chris Gray, VP of Academic & Student Affairs 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 Fire Science 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 to **John Dobbins**, **Gary Kistner** and all SOA faculty/staff!

AD STAFF MEETING

The Administrative (AD) Staff will meet on Wednesday, March 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. Update on Program Prioritization and Non-Instructional Program Review Committee Final Report
3. Summer Research Support and Spring Faculty Research Flash Talk
4. Round Table Discussion
5. 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, 3/21/2017. All faculty and staff are invited to the open forum section of the Administrative Staff meeting from 9:00am - 9:30am.

ON THIS WEEK'S CALENDAR

- Monday, March 20, 2017: Annual Performance Evaluations due for AP Employees.
- Tuesday, March 21, 2017: 10:00am - 12:30pm, Deans Council Meeting, Anthony Hall Balcony Conference Room.
- Wednesday, March 22, 2017: 9:00am - 12:00pm, CASA Ad Staff Meeting, Dean's Conference Room.
- Thursday, March 23, 2017: 3:00pm - 4:00pm, CASA Diversity and Inclusivity Committee Meeting, Dean's Conference Room.
- Friday, March 24, 2017: 9:00am - 11:30am, Chancellor/Provost Special Meeting, Anthony Hall Balcony Conference Room.

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