

CASA Dean's MMU (Monday Morning Update)

Monday, October 17, 2016

Dear Colleagues,

The third annual ASA Multidisciplinary Research Symposium took place last Friday and Saturday in the Transportation Education Center. The Symposium started with a panel discussion on “Unmanned Aircraft Systems (UAS) - What are They?” Mike Burgener (Moderator), Dr. Jim Peterson, Wayne Glass, Steve Goetz, and Mike Robertson were the panelists. Another panel discussion was held after lunch on Friday focusing on “Sustainable Mobility for Rural Small University Towns” with the following panelists: Ralph Tate (Moderator), Shannon McDonald, Stanley Young, Sam Chung, Michael Behrmann, Shelby Orr, Audrey Wagner, and Joseph Schafer. Becky Robinson offered a workshop on “Strategies for Successful Grant Seeking” Friday afternoon.

Saturday started with a welcome address by Geory Kurtzhais, SIU Sustainability Coordinator, who talked about the relationship between sustainability and innovation in the Applied Sciences and Arts, highlighting the current need for sustainability and how it fits into higher education and the careers for which we are preparing our students. Dr. Stanley Young from the National Renewable Energy Laboratory gave a keynote address titled “Planning for a Sustainable Surface Transportation System in an Uncertain Future” during Saturday lunch.





Over 20 parallel research presentations and 18 student posters about “Emerging Technologies” were presented with authors from SIUC and other regional institutions. Top student poster awards were given to three of SIUC's Architecture students: Jacob Petty, Zoey Koester, and Adam Tregoning.





I would like to thank the following sponsors for their support of the 2016 ASA Multidisciplinary Research Symposium:

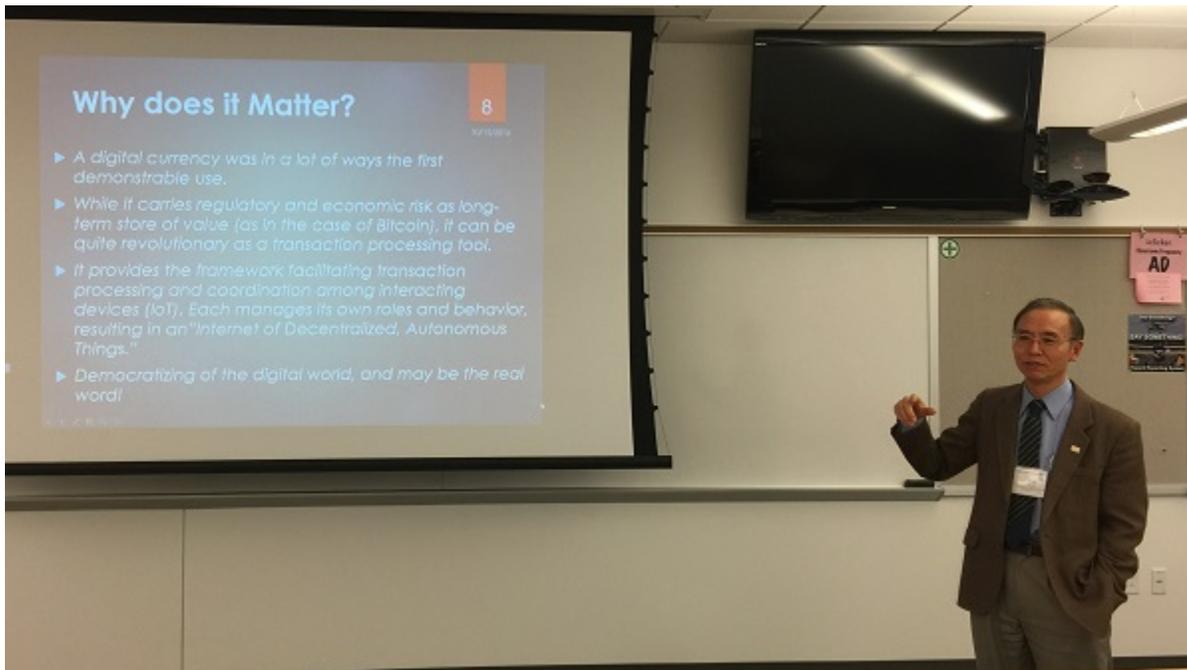
- Platinum Sponsor: SIU Office of Workforce Innovation and Research, <http://ehs.siu.edu/wed/>
- Gold Sponsor: Southern Illinois Healthcare, <http://www.sih.net/>
- Silver Sponsor: TAC Air, <http://tacair.com/>.
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- Bronze Sponsors: SIU Graduate School, <http://gradschool.siu.edu/>

Please join me in congratulating the CASA Research Committee for organizing successfully the 2016 Applied Sciences and Arts Multidisciplinary Research Symposium! The two-day event involved much

work planning and organization. The symposium would not be possible without the dedicated members of the CASA Research Committee, who contributed enormously through their hard work preparing and organizing the event. On behalf of the College, I'd like to extend a heartfelt thanks to all the Research Committee members for their great effort and wonderful job done!

- Chad Schwartz, Co-Chair, School of Architecture.
- Karen Jo Johnson, Co-Chair, Department of Aviation Technologies.
- Jennifer S. Sherry, School of Allied Health.
- Tom Imboden, School of Information Systems and Applied Technologies.
- Sean M. Boyle, Department of Automotive Technology.
- Seung-Hee Lee, School of Architecture.
- Marcea Walter, School of Allied Health.
- Jose Ruiz, Department of Aviation Management and Flight.





OPEN HOUSE

There was a good turn-out for the Open House on Saturday in the Student Center International Lounge, while the ASA Multi-Disciplinary Research Symposium was occurring in the Transportation Education Center. The CASA tables and show-case were crowded with lots of high school Juniors and Seniors still

searching for the right university. Thanks to all of you who rolled out bright and early to man the CASA tables!

- School of Allied Health (SAH): **Scott Collins, Brandon Hirsch, Julie Davis, and Abel Salazar.**
- School of Architecture (SOA): **Jasmine Winters, John Dobbins, Jon Davey, Laura Kidd** with students **Olivia and Emily.**
- Department of Automotive Technology (AUT): **Mike Behrmann, Ralph Tate, Kent Meckfessel, Drew Croxell,** plus AUT students Ambassadors **David, Andy, and Amanda.**
- Department of Aviation Management and Flight (AVMAF) and Department of Aviation Technologies (AVT): **Michelle Parker-Clark, Todd Dugan, Rachel Lee,** and students **Thomas and Jordan.**
- School of Information Systems and Applied Technologies (ISAT): **Shannon Gwaltney.**
- Dean's Office: **Elaine Atwood,** Chief Academic Advisor.







CONGRATULATIONS

- Ally Financial recently donated to SIU Automotive Technology a 2014 Volvo S60. Ally provides a wide variety of banking as well as numerous consumer and dealership products and services. Several SIU Automotive alumni at Ally helped make this donation possible, and it will greatly enhance our students' ability to develop their knowledge and skills to become potential Ally employees in the future. Congratulations!



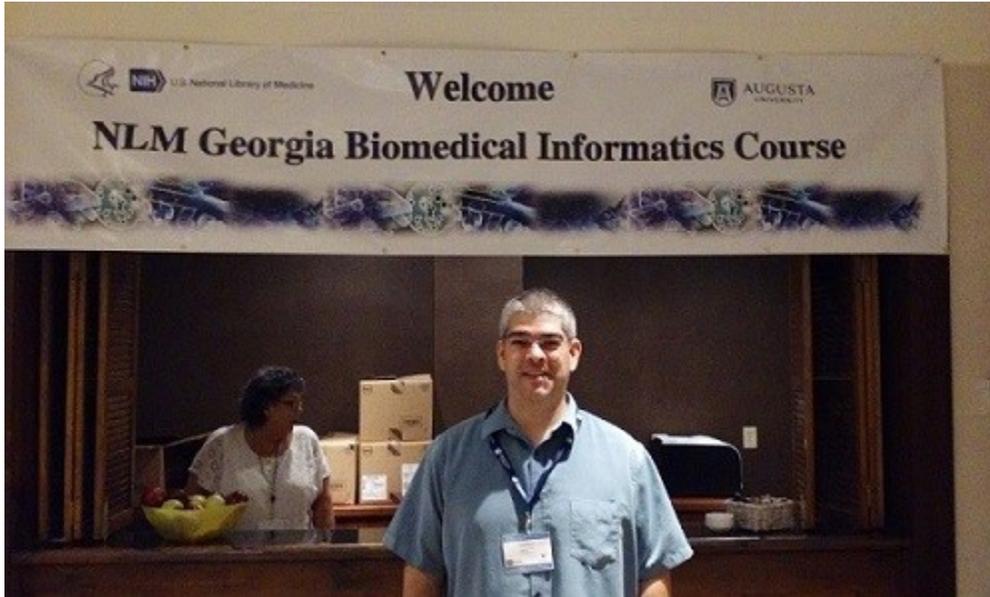
- Dr. **Seung-Hee Lee**, Professor of Fashion Design & Merchandising, has a paper published in *International Journal of Consumer Studies*. In this paper, a "fashion adoption model" was proposed and tested, which resulted in a better application to fashion phenomena.

Workman, J. E. and Lee, S-H. (2016). What do we know about fashion adoption groups? A proposal and test of a model of fashion adoption. *International Journal of Consumer Studies*. doi:10.1111/ijcs.12314 (SSCI Journal).

Congratulations!

- Dr. **Andrey Soares**, Associate Professor of Information Systems Technology, has been accepted for presenting his research, entitled "*Analysis of Tobacco Users Accepted to Intensive Care Units*," at the 14th Annual Rocky Mountain Bioinformatics Conference (December 8-10, 2016). His co-authors are Dr. Sonia Leach (National Jewish Health- Bioinformatics, and University of Colorado- School of Medicine), Dr. Kevin Cohen (University of Colorado- School of Medicine), and Dr. **Joan Davis** (Southern Illinois University- School of Allied Health). Dr. Soares is currently on educational leave as a Postdoctoral Fellow in the School of Medicine at the University of Colorado Denver - Anschutz Medical Campus. Congratulations!
- Dr. **Andrey Soares**, Associate Professor of Information Systems Technology, attended as a Fellow the NLM Georgia Biomedical Informatics Course (Fall 2016), Sponsored by the U.S.

National Library of Medicine. The course offered a week-long immersive experience on topics related to biomedical informatics methods, clinical informatics, big data and imaging, genomics, consumer health informatics, data visualization, mathematical modeling, as well as telemedicine and telehealth. One of the instructors was Dr. Nina Antoniotti, Executive Director for Telehealth and Clinical Outreach at the SIU School of Medicine.



- **Blaine Heisner** and **Andrew Croxell**, Assistant Professors of Automotive Technology, have had their multi-article series “Understanding the Fiat Multi-Air System” accepted for publication in *Undercar Digest*. Article one is currently in print in the October edition and Article two will follow in the November edition. Congratulations!

- **Jennifer S. Sherry**, Associate Professor of Dental Hygiene, has an article published through the ADHA (American Dental Hygienists' Association) website about the "Give Veterans a Smile Day" program:
http://www.adha.org/resources-docs/Give_Veterans_a_Smile_Day.pdf

This is an effective way to showcase and market our academic programs and community service events. Congratulations!

- **Ralph Tate**, Associate Professor of Automotive Technology, had a *Science café* presentation titled "Is an Electric Car in Your Future?" in the Science Center on September 22, 2016. "The audience widely varied, from high school students to retirees, people from the community and faculty from SIUC and John A. Logan." "This is a topic of increasing interest in the public, and there was an unusual number of questions," according to Chris Walls, Executive Director, and Gerard V. Smith, Chair Science Café Committee. Congratulations!
- Dr. **Michael Grey**, Associate Professor of Radiological Sciences, recently was invited as Guest Speaker to two different international conferences in Japan. Congratulations! He shared a few photos below:
 - (1) Presenting at the 32nd Japan Conference of Radiological Technologists in Gifu, Japan, on September 16, 2016.



- (2) Visiting medical imaging equipment manufacture Shimadzu, located in Kyoto, Japan.



(3) Dinner with represents from several countries (Japan, Thailand, Hong Kong, South Korea, and Vietnam) and the President of the International Society of Radiographers and Radiological Technologists from South Africa.



(3) Dinner with the key people of the Japan Association of Radiological Technologists.

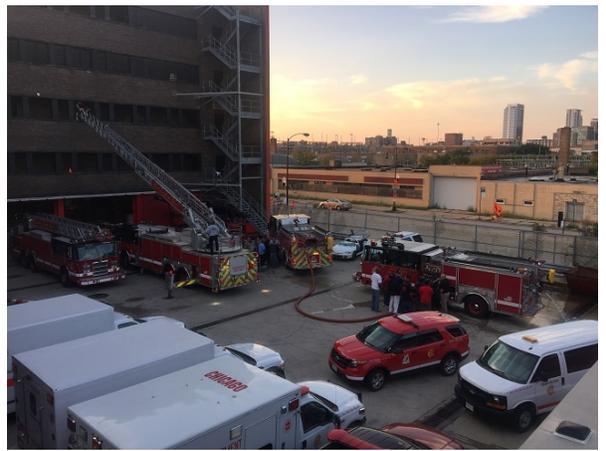


- **Norman L. Lach**, Program Director and Associate Professor of Architectural Studies, has received one Undergraduate Assistantship (UGA) for his student **Ashley Hemmen**: 20 hours, Fall 2016 and Spring 2017.

The Undergraduate Assistantship (UGA) provides an opportunity for the student to work under the guidance of a faculty exploring an issue of interest and communicate the results to others. It prepares for future advanced study, such as going to a graduate school, and to develop research and presentation skills. Engaging students in research gives them a wealth of additional training beyond the normal classroom learning, such as critical thinking, research ethics, oral and written communication skills, and information literacy. Students and faculty interact closely outside the classroom, providing exceptional opportunities for students to learn and building a lasting relationship between the student and faculty mentor. Congratulations!

- Within a very short period of time before the beginning of this semester, Chicago Fire Department (CFD) requested SIU to offer a special course, FSM 260 - Fire Apparatus Engineer, for CFD employees. This course teaches firefighters how to operate the fire apparatus such as pumps, ladders, hydraulics, and vehicle operation. At the conclusion of this 10-week class the students will be qualified to be promoted to Fire Apparatus Engineers. The class consists of 70 Chicago Fire Department personnel who are looking to get promoted to the next level within the CFD. Class meets on Monday, Tuesday, and Wednesday to accommodate the different shifts that the students are working. They attend class on their time off. The pictures below show CFD students during the class time of FSM 260.

Students from the Chicago Fire Department learn about the pump panel on one of their engines while others learn to pump in relay as well as to aerial ladders.





On the picture above, from left to right, Pete Renz, Nick Tomeczko, Jason Demas, and Lindsay Laycoax. This was a class on Wednesday, October 12, 2016.

- Thanks again to Flying Salukis members for helping at the October 7 tailgating event. The first picture below shows some Flying Salukis working at the College of Applied Sciences and Arts tent. The second picture shows those working in the SIU Alumni Association tent serving refreshments.



AD STAFF MEETING

The Administrative (AD) Staff will meet on Wednesday, October 19, 2016, 9:00am - 11:00pm in the Transportation Education Center TEC 126A. The tentative agenda of the meeting is below:

1. Welcome, Open Forum, and Dean's Update
2. Budget Management and Program Prioritization Discussion
3. Planning "Day of Giving" on March 1st, 2017
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, 10/18/2016. All faculty and staff are invited to the open forum section of the Administrative Staff meeting from 9:00am - 9:30am.

DRONE TO MONITOR HURRICANE

The whale-like drone below, \$130 million unmanned airplane, was deployed by NASA and NOAA two weeks ago from its base in California to collect data as Hurricane Matthew barreled up the country's southeastern seaboard. This drone can fly up to an altitude of 65,000 feet and for 30 hours at a time if the weather permits, according to NASA. While in flight, it gathers scientific data about the storm. The data will also be used as part of NOAA's Sensing Hazards with Operational Unmanned Technology (SHOUT) mission to help inform future weather models. Hurricane Matthew weakened to a Category 3 storm overnight after slamming the Caribbean. However, with wind gusts up to 120 mph, it still posed a significant risk for those in its path. For more information, please refer to:

<http://www.uavexpertnews.com/drone-monitor-hurricane/>.



ON THIS WEEK'S CALENDAR

- Monday, October 17, 2016: 4:00pm - 5:30pm, President Dunn: State of the System Address, Student Center Ballroom D.
- Tuesday, October 18, 2016: 10:00am - 12:00pm, Deans Council Meeting, Anthony Hall Balcony Conference Room.
- Wednesday, October 19, 2016: 9:00am - 11:00am, Ad Staff Meeting, TEC 126A; 12:00pm - 4:00pm, CASA Board of Counselors Meeting, TEC 126A. 12:00pm - 2:00pm, Shawnee Community College Transfer Fair, Shawnee, IL. CASA will have a table at that event.
- Thursday, October 20, 2016: 9:00am - 12:00pm, SIU Foundation Board Members Training, Kaplan Hall Conference Room.
- Friday, October 21, 2016: 8:30am - 11:30am, SIU Foundation Board Meeting; 11:30am - 1:30pm, SIU Foundation Board Luncheon.

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