

## **CASA Dean's MMU (Monday Morning Update)**

Monday, November 9, 2015

Dear Colleagues,

The Department of Aviation Technologies (AVT) celebrated its 50's anniversary last week. On Saturday evening, about 200 AVT alumni, friends, faculty, staff and students gathered in the Transportation Education Center (TEC) to celebrate their collective achievements, reflect on their founding years and reminisce about their evolution. Mr. Lewis Russell, a former AVT chair, and Mr. Dick Cannon, retired AVT professor, recalled many memories about the early days of the AVT Department and generated a lot of laughter among the audience. I was very delighted to be there and help mark such a major milestone in the history of the College of Applied Sciences and Arts.

During its 50-year history, AVT has experienced many achievements and transformations. The department offers baccalaureate degrees in aviation maintenance technology with specializations in advanced aircraft maintenance, helicopter maintenance and avionics. The program serves approximately 170 students at SIU's Carbondale Illinois campus. The FAA Approved program prepares students to enter the workforce as certified aircraft technicians, avionics technicians, helicopter mechanics, product support engineers, jet engine mechanics, and many other highly technical fields. Graduates of the program are in extremely high demand and are recruited heavily by local companies such as Boeing, GE Aerospace, Jet Aviation, West Star Aviation, and United Airlines, among others.

The SIU Department of Aviation Technologies is the only FAA approved aircraft maintenance technology program at a public university in the state of Illinois and the only university in the world with a Bell Helicopter approved helicopter maintenance training program. The AVT program is considered one of the best in the nation. The program consistently maintains a 100% student pass rate on national certification exams, which far outpaces the national norm, and places SIU at the top of the ranking. The Aviation Technologies student Aerobatic Team won the International Aerobatic Club (IAC) Collegiate Team Championship six out of the seven years that they competed, beating teams from all the major aviation universities including the U.S. Air Force Academy, Embry Riddle and University of North Dakota. Another aviation technologies student organization, The Rotor and Wing Association of America has been inducted into the Illinois Aviation Hall of Fame.

We are celebrating not only AVT today, but the entire aviation and CASA family; and the gathering last Saturday was a tangible manifestation of that fact. We have built an extensive community of alumni, academics, partners, supporters, friends and many others. Without doubt, it is through our collective efforts and support that AVT has withstood the test of time, and that AVT has been able to grow and develop over the past five decades. On behalf of the College, I thank the AVT faculty and staff for their dedication, contribution, and support!

What AVT has done in its first 50 years is incredible, but where could it go and what can it do in the next 50 years? Chair Mike Burgener and the AVT faculty are developing new specializations, new distance education courses, and a new UAS (Unmanned Aircraft Systems, i.e., drones) course to be offered next May. Over the past three years, AVT has been awarded grants from Boeing totaling more than \$300,000. The new Test Cell Building provides new labs and a research facility for engine testing and fuel

efficiency research. New programs and new research activities will help the AVT department improve its quality, strengthen its reputation, and heighten its visibility.

<h1>Celebrating 50 Years</h1> <p>of Aviation Technologies at Southern Illinois University</p>	
	<p>In 1965, a vision and dream became a reality, as the SIU Aviation Technologies Program opened. Help us celebrate our rich history of academic excellence at our 50<sup>th</sup> Anniversary.</p>
	 

## RESEARCH SYMPOSIUM

Please mark your calendar and prepare to attend the 2015 Applied Sciences and Arts Research Symposium on Saturday, November 21, 2015. We have presenters from Southern Illinois University, St. Louis University, Washington University, University of Kansas, and Carbondale Community High School. It will be a good opportunity to share research ideas and discoveries, and to explore the leading edge of the discipline. Making connections in the applied sciences and arts community can be of huge benefit for faculty and students. Please check the symposium schedule [here](http://research.asa.siu.edu/symposium/schedule.php):  
<http://research.asa.siu.edu/symposium/schedule.php>.

## OPEN HOUSE

SIU wrapped up Fall Open House season with a huge turnout of students and families this past Saturday! Thanks to all the CASA crew for coming out to meet and chat with future Salukis and their parents!

- Dean's Office: Elaine Atwood, Chief Academic Advisor; Tom Shaw, Associate Dean; Craig Anz, Associate Dean.

- Aviation Technologies (AVT): Rachel Lee, Advisor; Tom Swehla, Student Ambassador.
- School of Allied Health (SAH): Scott Collins, Professor and Director of SAH; Quiana Jackson, Advisor; Robert Broomfield, Advisor; Faith Miller, Associate Professor and Program Director of Dental Hygiene (DH); Marcea Walter, Assistant Professor of HCM; Julie Davis, Associate Professor and Program Director of Physical Therapist Assistant (PTA); Abel Salazar, Assistant Instructor of Mortuary Science and Funeral Services (MSFS); Joan Davis, Professor of DH; Jessica Whittaker, Assistant Instructor of Radiologic Sciences (RADS).
- School of Information Systems and Applied Technologies (ISAT): Sam Chung, Professor and Director of ISAT; Jori Krasner, Student Ambassador of ISAT.
- Automotive Technology (AUT): Mike Behrmann, Associate Professor and Chair of AUT; Tracey Logeman; Advisor.
- Aviation Management and Flight (AVMAF): John Voges, Associate Professor and Interim Chair of AVMAF; Michelle Parker-Clark, Advisor.
- School of Architecture (SOA): Shelby Adkinson, Assistant Instructor and Advisor of Fashion Design and Merchandising (FDM); Seung-Hee Lee, Associate Professor and Program Director of FDM; Norm Lach, Associate Professor and Program Director of Architectural Studies (ARC); Melinda LaGarce, Associate Professor and Program Director of Interior Design (ID); Jasmine Winters, Advisor.





## CONGRATULATIONS

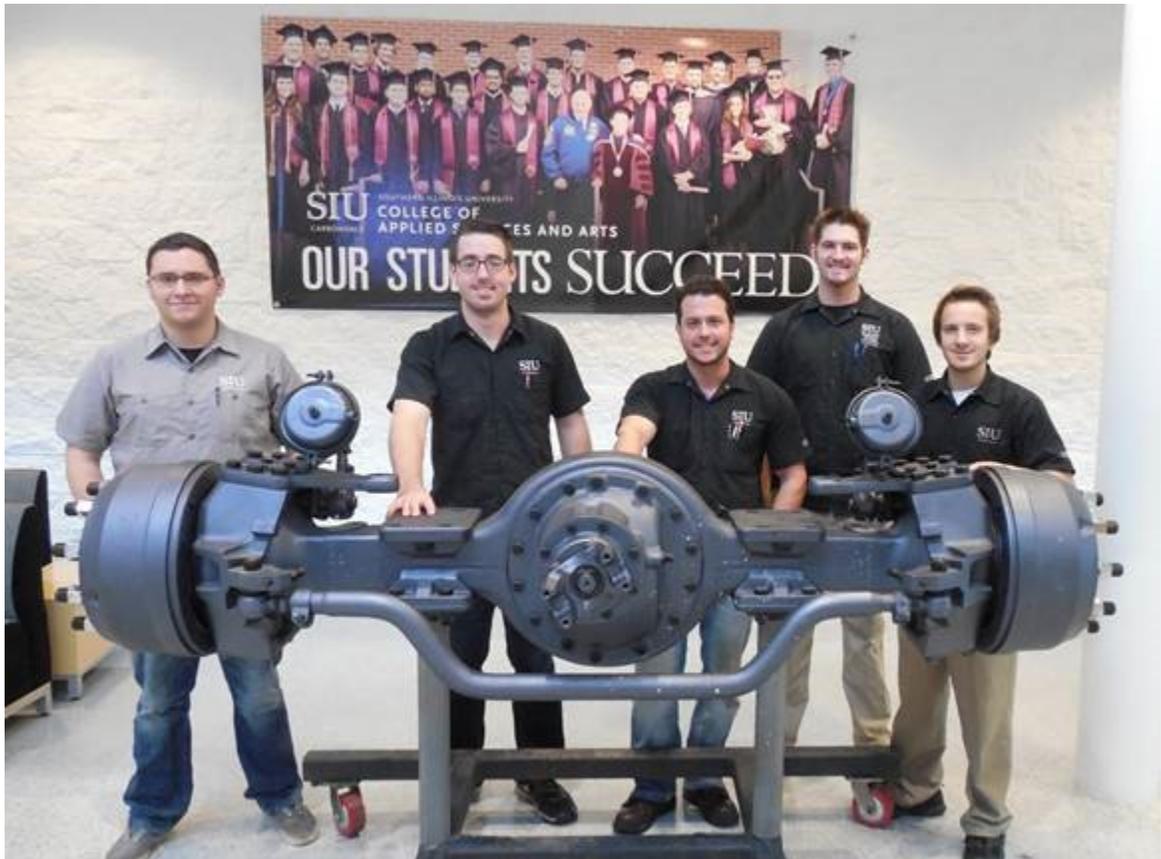
- Navistar Donation to SIU Automotive! Navistar International Corporation recently donated to SIU Automotive \$60,500 of gift in kind support. Donating front steer axles, differential assemblies, fifth hitch assemblies, and numerous engines, Navistar is committed to helping maintain SIU Automotive as this nation’s premier program of developing automotive industry leaders.

Navistar is the manufacturer of International brand commercial trucks, MaxxForce brand engines, IC school buses, Workhorse brand chassis for motorhomes and step vans, and is a major U.S. Defense supplier. Headquartered in Lisle, Illinois, Navistar has 16,500 employees and an annual revenue of \$10.775 billion.

Navistar is an active recruiter of SIU Automotive students for paid corporate internship positions and fulltime positions. SIU Automotive graduates hold numerous executive positions with

Navistar and are responsible for providing this donation. SIU Automotive graduates truly display “Once a Saluki – Always a Saluki”.

Pictured below are a few current SIU Automotive students with a Navistar front drive and steer axle. Congratulations!



- **Dr. Jose R. Ruiz**, Professor of Aviation Management and Flight, received the Captain V.L. Laursen Award on Friday, October 9, 2015 at the UAA (University Aviation Association) Awards Banquet during the 2015 UAA Fall Education Conference. The Captain V.L. Laursen Award is a national award in recognition of teaching excellence and outstanding contributions to aviation education. The award honors former Trans World Airline Captain Vern L. Laursen, a highly respected member of the airline industry whose expertise and knowledge are well known throughout the aviation community. Captain Laursen made significant contributions in the areas of flight training, equipment, and procedures. He is renowned for his technical and administrative abilities in evaluating flight simulator and visual system applications. Professor Jose Ruiz has been highly involved with collegiate aviation for over 20 years. He teaches at both the undergraduate and graduate level in such courses as Air Traffic Control (AVM 360), Aviation Safety Management (AVM 377), Aviation Career Development (AVM 402), The National Airspace System (AVM 460), and Advanced Aviation Safety Administration (POLS 553). Professor Ruiz has been recognized for the quality of his teaching by the College of Applied Sciences and Arts (CASA) at SIUC by selecting him as the CASA Teacher of the Year in 2001 and 2009, and presenting Dr. Ruiz with the E.J. and Mary C. Simon Distinguished Faculty Award in 2012. Congratulations!



- Please join me in congratulating **Paula Staab-Polk** for being the 2015 CASA Distinguished Alumni Award winner! Ms. Staab-Polk earned her Associate Degree in Mortuary Science and Funeral Service (MSFS) in 1990. She is the owner of the Staab-Polk Memorial Home in Chatham, IL; past president of the Chatham Chamber of Commerce, and the past president of the Illinois Funeral Directors Association, the first female president of this organization. Her funeral company has been awarded the National Funeral Directors Association's Pursuit of Excellence Award 10 times. For many years Ms. Staab-Polk has been a tireless advocate for SIU's Mortuary Science and Funeral Service Program as well as the College of Applied Sciences and Arts. She has contributed to mortuary science scholarships, served as a MSFS faculty member, been a guest lecturer numerous times, been an active member on the MSFS Advisory Board for over 10 years and the CASA Board of Counselors since 2011. Her family established the George J. Staab Scholarship and she created the Dennis & Paula Polk Mortuary Science Fund, both of which are designed to help students achieve their education goals. Paula has done great things throughout the years for our MSFS program and for our College. She has touched hundreds if not thousands of young lives. Congratulations!



- Four SOA (School of Architecture) faculty **Siwon Cho** (Associate Professor), **Laura Morthland** (Associate Professor), **Laura Kidd** (Associate Professor), and **Shelby Adkinson** (Assistant Instructor) have a research paper entitled “Developing Soft Skills through Multidisciplinary Cooperative and Situated Learning” accepted for presentation at *2015 Annual Conference of International Textile and Apparel Association (ITAA)* in Santa Fe, NM, November 9 - 13, 2015. Congratulations!
- Eggemeyer Associates Architects held a Ribbon Cutting Ceremony and Open House of their new office location at 3029 South Park Ave, Herrin, IL 62948 last Friday, November, 6th, 2015. Mr. Mark Dillon, President of Eggemeyer Associates Architects, Inc., spoke to the crowd before cutting the ribbon. Mr. Steve Frattini, Mayor of Herrin, and a few others gave a speech at the ceremony as well. President Mark Dillon serves on the CASA Board of Counselors  
Congratulations!



- Please join me in congratulating the Health Care Management (HCM) program on hosting a very successful annual External Advisory Board (EAB) meeting on Tuesday, November 3<sup>rd</sup>, 2015. The meeting was well attended by administration, faculty, staff, health care executives, and HCM students. Discussions on a non-transcriptable professional development series were held in which EAB members provided topic areas they would like to see offered. Board members discussed the status of the Master of Health Administration / Masters of Health Informatics (MHA/MHI) and indicated that providing those programs are approved they would all like to serve on the EAB for those programs as well as continue on the undergraduate program EAB. The annual program assessment was reported and Board members provided suggestions on updating the strategic planning, community/population health, and coding portions of the HCM curriculum. There was also discussion on integrating clinical knowledge, e.g., SOAP notes, into the Managerial Epidemiology course, given health care managers need an understanding of clinical documentation and processes even if they aren't clinically licensed. HCM students gave presentations to the Board on material they have learned in HCM 390 – Human Resources and Labor Relations course. Topics included Doctors and Competency Exams, Gender Gaps in Salary, Resilience Training, Employee Engagement Programs, Generational Issues/Diversity and Inclusion, and Increasing the Number of Women in the C-suite. Board members overwhelmingly enjoyed the exercise and want to continue this practice in the future and students were given the unique opportunity to receive thoughtful critique from field executives on how to improve their presentation skills. Executives also commented that they were pleased to see such up-to-date and relevant information being covered in the curriculum. I would like to extend a special thank-you

to **Sandy Collins** (Associate Professor and HCM Program Director), **Marcea Walter** (Assistant Professor of HCM) and her Students in Healthcare Management Association (SHMA) student organization for assisting Board members with parking and for escorting them to the Dean's Conference room, as well as the setting up and tearing down of the EAB meeting, and **Kyle Chamness** (Allied Health Specialist) for helping in the coordination of student presentations. Congratulations!



- **Peter Smith**, Associate Professor of Architecture, has been leading an annual one-week culturally based project called *"The Art of the Mask"* since 2008. Architectural Studies and Interior Design students participated this project. The goal of the project is to put 100 masks into regional children's hospitals. Through a peer review and selection process, there are a few "artsy shots" of the winning masks in four categories and their winners are listed below:
  - Most Architectural: Dustin Reed (the wire face mask)
  - Most Innovative Use of the Mask: Aaron Beatty (the Lionel train mask)
  - Most Culturally Inspired and Best of Show: Jacob Komperdi (the Bali sort of mask)
  - Most Bizarre: Cole Case (the one with the melted crayons and Rubics cube inside the head)

All of the masks are derived from a simple white "base mask." Children who are patients in the hospital will create ten (10) of their compositions to blend in with the 100 provided by our School of Architecture (SOA) students. The group of masks will move from hospital to hospital adding ten at each stop. Professor Smith is planning to make all the masks for this year on display in the gallery of Quigley Hall before they are sent to children's hospitals. Congratulations!



- This week the Student Healthcare Management Association (SHMA) was featured as SIUC RSO of the week! Each week SIUC features an RSO on their Twitter page. Below are some pictures of the tweets from the SIUC Twitter page. Being featured is a great opportunity for our RSO to get other students involved and make students aware of the RSO and the Health Care Management (HCM) Program. SHMA has about 30 members and it is a very active RSO. Congratulations!





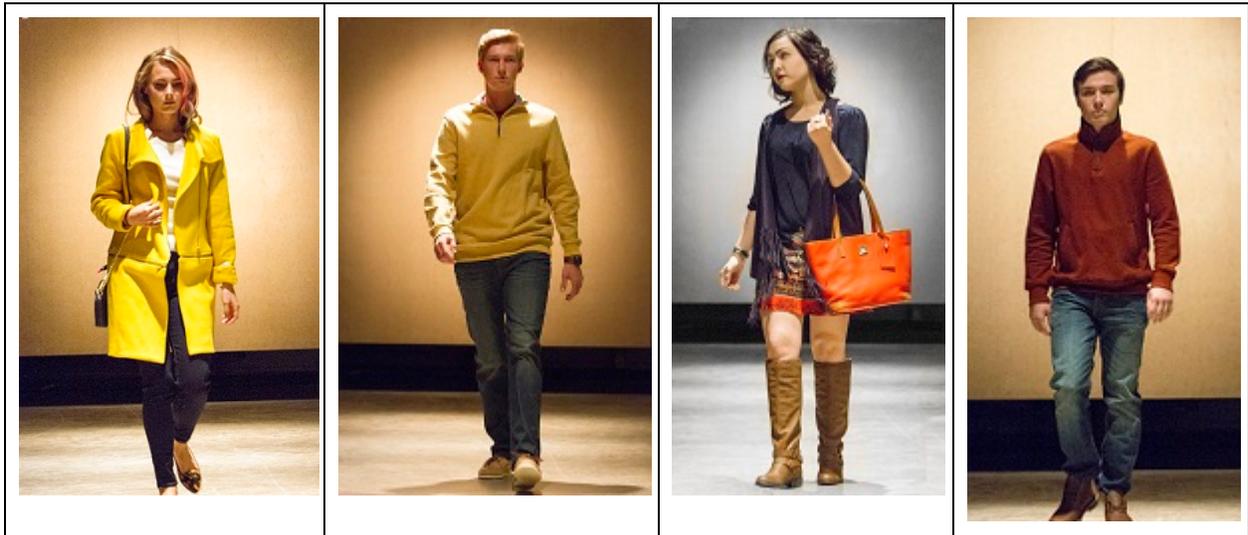
- The Fire Service Management (FSM) program will have a new name: Public Safety Management (PSM). Below is a pop-up image created by Mr. **Gary Kistner** (Program Director of FSM/PSM) and his team to advertise this new program name through an online marketing venue. FSM has been a successful program with a very good reputation. With this new program name and a dedicated faculty / staff team, the program is poised to have a significant growth in student enrollment and quality. Congratulations!



- **Rebecca C. Dothager**, senior student in Health Care Management (HCM), has been selected to receive the Keith and Alberta Jumble College of Applied Sciences and Arts Scholarship for the 2015-16 academic year. Many SIUC scholarships are awarded to students through the generosity of individuals and businesses throughout our community. This award was made possible by such a donation to the College. Congratulations!
- **Alex Glasnovich** earned his Bachelor of Science in Information Systems Technologies (IST) degree in spring 2015. He had several research projects when he studied in IST under the supervision of Dr. Andrey Soares. Alex visited the IST program on Monday, October 19, 2015 and made a successful presentation to IST students. Congratulations!



- On November 5th, 2015, the Fashion Design and Merchandising Association (FDMA) RSO (Registered Student Organization) hosted a fashion show in the Quigley Hall Gallery. The show was sponsored by Macy's and featured trends and fall styles inspired by the colors of the rainbow. Models included students in the design and merchandising program, as well as students from across campus in a myriad of majors. **Arielle Green** (President), **Joshua Gavel** (Vice President), and **Sara Tredway** (Secretary of FDMA) coordinated the show with Macy's at the beginning of the semester and worked tirelessly to make it a success. Congratulations!



- The Department of Aviation Management and Flight (AVMAF) organized an industry showcase and recruitment event on Wednesday, November 4th, 2015. ExpressJet had pilot, maintenance, dispatch and inflight representatives who talked about career opportunities at ExpressJet to the AVMAF students. Congratulations!

we'reBRINGING  
OUR **JET** TO YOUR  
BACKYARD

**SIU** Southern Illinois  
University  
CARBONDALE



Join **ExpressJet** on your campus  
Nov. 4, 2015 8-11 am  
KMDH Airport Ramp

Join ExpressJet on the KMDH ramp at the Southern Illinois Airport!

- Tour a Canadair Regional Jet
- Learn the systems with ExpressJet pilots
- Talk to pilots, dispatchers and mechanics

Our plane lands at 8 am and we'll be on the ground until 11 am.



for more information about ExpressJet, visit [ExpressJet.com](http://ExpressJet.com)

- The SIU Leaders & Scholars Reception was successfully held on Friday, November 6, 2015 in the Transportation Education Center (TEC). Dr. Walter Wendler, Dr. Tom Shaw, Mike Behrmann, and I met ten (10) high achieving students who had selected CASA programs. These students have received Dean's Scholarships or will compete for Chancellor's Scholarships: Kristyn Southwood (RADS), Breanna Peyton (RADS), Sara Ibrahim (RADS), Evan McDaniel (AF), Grace McKee (AF), Kyle Koblas (AVT), Victor Cosme (AVT), Gabrielle Amos (HCM), Alex Batson (AF), and Bailey Gurley (ID). Congratulations!

## **FY15 PUBLIC UNIVERSITY REVENUES AND EXPENDITURES**

For fiscal year 2015, Illinois public universities reported revenue and expenditures of \$6.9 billion. University income funds (i.e. tuition revenue) represent the largest overall source of revenue for public universities at 27.4 percent, followed by State appropriated funds at 17.5 percent. The largest overall expenditure by function is for instructional programs, which represented \$1.76 billion or 25.3 percent of expenditures from all fund sources. Expenditures from total funds under the executive management category is \$70.8 million, 4.5 percent less than in fiscal year 2014. More information is at: <http://www.ibhe.org/Fiscal%20Affairs/PDF/FY15RevenueandExpenditures.pdf>.

## **HS STUDENTS GETTING FEDERAL MONEY TO TAKE COLLEGE CLASSES**

Taking college courses during high school is the classic overachiever's move. It impresses recruiters, employers, and college admissions officers alike—and, as a bonus, it helps students skip ahead to advanced classes once they get to their universities. But for poorer students, the motivation can be completely different. College credits earned in high school—which may cost anywhere from hundreds to thousands of dollars—can translate to a reduced course load in college. That can mean lower tuition bills,

a more manageable academic schedule, and a speedier graduation. Access to these courses also encourages high school students to think of college as an available, and less daunting, possibility. <http://qz.com/537969/us-students-can-now-get-federal-money-to-take-college-classes-while-still-in-high-school/>.

## **SAS ACADEMY FOR DATA SCIENCE**

By successfully passing certification exams, students earn one of two credentials: SAS Certified Big Data Professional or SAS Certified Data Scientist. <http://www.universitybusiness.com/news/sas-academy-data-science-answers-employer-student-calls>.

## **CHEATING IN ONLINE CLASSES**

Entrepreneurs and freelancers openly advertise services designed to help students cheat their online educations. Some examples are described here in this article:

<http://www.theatlantic.com/education/archive/2015/11/cheating-through-online-courses/413770/>.

## **TEACHING TIPS**

It is usually effective to mix up the media used in the classroom. Variety is important to keep students engaged and also to respond to different kinds of learning styles (visual vs. straight lecture vs. hands-on opportunities, for example). Many use combinations of video clips, slides, overhead sheets, podcasting, web-based discussion forum and demonstrations involving students in their classes. Adapted from:

<http://www.celt.iastate.edu/teaching-resources/classroom-practice/large-class-instruction/large-class-teaching-tips/>.

## **ON THIS WEEK'S CALENDAR**

- Monday, November 9, 2015: AVMAF chair search interview.
- Tuesday, November 10, 2015: 10:30am-1:00pm, Deans' Council Meeting, Anthony Hall Balcony Conference Room.
- Wednesday, November 11, 2015: Veteran's Day Holiday.
- Thursday, November 12, 2015: 8:00am - 9:30am, Council of Academic Computing Meeting, Student Center Vermillion Room; 10:00am - 12:00pm, Support Staff Meeting, Dean's Conference Room.
- Friday, November 13, 2015: 12:00pm - 1:30pm, CTE Technology Mentor Training, Morris Library 752.

## **AND FINALLY ...**

If you see something in this update that you want to comment on, please send me an email at my SIU email [awang@siu.edu](mailto:awang@siu.edu) or call me at 618-536-6682. Also, if you know of somebody who might be 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. On the other hand, 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