

CASA Dean's MMU (Monday Morning Update)

Monday, November 2, 2015

Dear Colleagues,

CASA Board of Counselors had its fall meeting last Friday (October 30th, 2015) in the Transportation Education Center (TEC). The meeting was called to order at 12:15pm by Ms. Camelle Logan, President of the Board, followed by a roll call and approval of minutes for the last meeting. I gave a report to the board about progress and state of the college since our spring board meeting. Camelle Logan provided an SIU Alumni Association report, and Clarence Copping presented an SIU Foundation report. Kevin Lister, Director of Development, provided a fundraising and development report. Old and new business issues were discussed, including Board of Counselors role description; Honor's Day feedback; support for AITP National Collegiate Conference and other RSO events; nominations and election of new board members; and selection of the CASA Distinguished Alumni Award recipient. During an open discussion session, board members reported industry trends in their professions, providing input and suggestions to our academic programs and college operations. The board members attending this meeting included Wayne Machnich, Mark Dillon, Paula Staab-Polk, Camelle Logan, Jill Walker (call-in), Clarence Copping, Dan Sherman (call-in), Terry Owens, Tom Imboden (Faculty representative), Jackie Timmons (call-in), Craig Anz, Tom Shaw, and Barbara Lipe. The meeting was adjourned at 4:30pm and the next board meeting is on Friday, April 8th, 2016.

The SIU Foundation hosted an Academic Scholarship Brunch on Saturday, October 31, 2015, an event to express our appreciation of donors' generous contribution to endowed scholarships. Philanthropic support has always been key to the growth and vitality of the University. Donors of endowed scholarship funds play a special role, establishing an enduring source of scholarship funding for our students. The following donors with endowed scholarship awards in CASA attended this event: Mark B. Dillon and Laurel Dillon (Andrew L. Eggemeyer Memorial Architectural Studies Scholarship Endowment); Vivienne Hertz and Donald Gordon (Donald Hertz Scholarship Endowment Fund); Mike Behrmann (James White Automotive Scholarship); Debra Sarvela (Jeremiah Eugene Price Aviation Technologies Scholarship Endowment Fund); Clarence Copping and Courtney Copping (Joseph Messina II Aviation Explorers Scholarship Endowment); Anne Barrett and Joan Temple (Paul Lougeay Memorial Scholarship in Architecture Fund); Imogene C. Beckemeyer (Robert Dudenbostel DDS Memorial Scholarship Endowment Fund); and Dorothy Bleyer and Bill Bleyer (William and Dorothy Bleyer Scholarship Endowment Fund). A number of donors were not able to come to this event due to other commitments. On behalf of the College, I'd like to again express my thanks to these generous donors for supporting our students. Their gifts have afforded many students the opportunity to pursue their dreams of making a difference in the world.

RESEARCH SYMPOSIUM

Please mark your calendar and prepare to attend the 2015 Applied Sciences and Arts Research Symposium on Saturday, November 21, 2015. This is a whole day event in the Student Center River Rooms and Ballrooms. The Research Committee is working on a detailed agenda, and it will be available soon and be posted online at: <http://research.asa.siu.edu/symposium/index.php>. Interim Chancellor Brad Colwell will give a welcome remark at the open session at 9:00am. Interim Provost Susan Ford will speak during lunch break. Graduate School Dean Yueh-Ting Lee will attend the symposium along with other SIU administrators. In addition to workshop, research presentations, and poster sessions, there is a panel

discussion on Big Data & Analytics from 1:30pm to 3:00pm. The symposium is bringing a diverse group together with faculty, students and professionals from different areas, e.g., Aviation, Automotive, Health, Information Systems, Architecture, etc, where Big Data & Analytics play a critical role. They are all facing challenges and opportunities with the data generated within their fields. For example, data generated during a flight of a commercial airplane or during a road trip with a vehicle; patient health history data and imaging; data produced by smart sensors and actuators in a building; and log files in a computer network. In a university setting, the data related to or produced by students from freshman year to graduation could be analyzed to predict student performance or to alert about students that may need support to succeed in their programs. Due to the increasing activities and interest in Big Data, our College started the *Big Data at SIU* (<http://bigdata.asa.siu.edu>) to provide opportunities for collaboration with faculty, students and industry partners. More information about the research symposium is available at: <http://research.asa.siu.edu/symposium>.

CONGRATULATIONS

- On October 23, 2015 Dr. **Walter V. Wendler** was recognized as a Distinguished Alumni of the College of Architecture at Texas A&M University. Walter was Chancellor of SIU Carbondale from July 1, 2001 – June 30, 2007.

He is currently Director of the School of Architecture and has moved many initiatives forward expanding the reach of the programs and the students served both on and off campus. He is widely regarded as an excellent teacher.

As Chancellor of SIUC, he oversaw a university budget of \$464,713,350, approximately 5,182 faculty and staff, nearly 20,000 students, 25% in graduate and professional programs such as law, medicine, engineering, education, and a long term visioning exercise, Southern at 150: Building Excellence through Commitment, culminating in \$275 million in new buildings including: The Student Health Center, Wall Grand Apartments, the expansion of the Research Park, Morris Library remodeling, planning funding for the Transpiration Education Center, the classroom technology initiative, signage improvements, Saluki Way, and a number of other additions and upgrades to the Carbondale Campus. The Strategic Faculty Hiring Initiative, creation of the Undergraduate Research Assistantship program and a greatly expanded recognition of teaching, research and service excellence for the campus, and the first successful development campaign in the history of SIUC were also completed or initiated during his term as chancellor.

Prior to his appointment as Chancellor, he served as Vice Chancellor for Planning of The Texas A&M University System. Professor Wendler was the Executive Assistant to the President of Texas A&M University and was responsible for directing Vision 2020: Creating a Culture of Excellence. He served as Dean of the College of Architecture. Previously Wendler was head of the Department of Architecture and Executive Associate Dean in the College of Architecture. He began teaching in the college in 1981. He taught at LSU from 1975 – 1981.

Congratulations!



- Please join me in congratulating the Automotive Technology (AUT) Department on the SIU's *First CNG Vehicle!* Under Chair **Michael Behrmann**'s leadership, AUT has maintained strong connection to the automotive industry and strategic partners. General Motors recently donated to SIU Automotive Technology a Compressed Natural Gas (CNG) vehicle. With CNG being considered a very viable fuel source for the commercial and fleet transportation industry, this donation from General Motors is intended to help advance research into this area. CNG is natural gas under pressure which remains clear, odorless, and non-corrosive. Although vehicles can use natural gas as either a liquid or a gas, most vehicles use the gaseous form compressed to pressures above 3,100 pounds per square inch. Natural gas is produced both worldwide and domestically at relatively low cost and is cleaner burning than gasoline or diesel fuel. Natural gas vehicles show an average reduction in ozone-forming emissions of 80 percent compared to gasoline vehicles. The vehicle will provide numerous learning and research opportunities for our undergraduate

students and faculty as well. This donation was made possible by several GM executives and SIU Automotive Technology graduates. Congratulations!



- Please join me in congratulating School of Allied Health Radiologic Sciences (RAD) program for its articulation agreement with Heartland Community College (HCC), Normal, IL. The agreement has been signed by Dr. Rick Pearce, VP for Learning and Student Success of Heartland Community College, and Dr. Susan Ford for President Randy Dunn. According to the agreement, all graduates of HCC with an Associate of Applied Science (AAS) degree in Radiography and meeting SIU Carbondale RAD program admission requirements will be considered for admission into our RAD program: *Magnetic Resonance Imaging and Computed Tomography, Radiation Therapy, Education and Management Option* in CASA based upon the program enrollment criteria and space availability. Congratulations!
- The Department of Aviation Management and Flight had a substantial presence at this year's University Aviation Association's (UAA's) National Fall Conference. Please join me in congratulating the following faculty:
Matt Romero (Assistant Professor of Aviation Management and Flight):
 - Chair - Aviation Maintenance Education Committee meeting.
 - Presented 1 abstract solo-author at the Research Roundtable: "Teaching Fatigue to Undergraduate Aviation Students."
 - Presented 1 abstract as co-author at the Research Roundtable: "Factors Used in Selecting a Collegiate Aviation Institution."

Bryan Harrison (Assistant Professor of Aviation Management and Flight):

- Co-presented a peer reviewed paper: "The Use of FAA Flight Training and Aviation Training Devices at UAA Institutions."
- Presented 1 abstract solo-author at the Research Roundtable: "Analysis of Experimental Amateur-Built Accident Causal Factors."

Dr. Jose Ruiz (Professor of Aviation Management and Flight):

- Received the Captain V.L. Lauren Award (national award) in recognition of teaching excellence and outstanding contributions to aviation education.
- Recognized for being one of two participants/mentors in the UAA's Faculty Mentoring program.
- Presented 1 abstract as co-author at the Research Roundtable: "Factors Used in Selecting a Collegiate Aviation Institution."
- Participated in the Aviation Management Committee meeting, Membership Committee meeting, and Aircraft Dispatch Committee meeting.

Dr. Sam Pavel (Associate Professor of Aviation Management and Flight):

- UAA Treasurer and Executive Board member;
- Chair – Aviation Management Committee meeting; and
- Presented 1 abstract as co-author at the Research Roundtable: "Factors Used in Selecting a Collegiate Aviation Institution."

John Voges (Associate Professor/Interim Chair of Aviation Management and Flight):

- Moderator – Research Roundtable; and
- Participated in the Simulation Committee meeting and Safety Committee meeting.

Mike Robertson (Associate Professor/ Safety Officer of Aviation Management and Flight):

- Moderated - Professional Development Workshop: "Safety Assurance: Development and Implementation of Safety Assurance in a Collegiate Environment."
- Recognized for being one of two participants/mentors in the UAA's Faculty Mentoring program.
- Chair – Safety Committee meeting.
- Presented 1 abstract solo-author at the Research Roundtable: "The Impact of Safety Management Systems Implementation on Safety Culture at Collegiate FAR 141 Flight Schools."

Steve Goetz (Assistant Professor of Aviation Management and Flight):

- Chair – Simulation Committee meeting;
- Co-presented a peer reviewed paper: "The Use of FAA Flight Training and Aviation Training Devices at UAA Institutions,"
- Co-presented an Education Session: "Using Summer Camps to Attract Students to Aviation: Lessons Learned from Running Aviation Camps," and
- Presented 1 abstract solo-author at the Research Roundtable: "Flight Instructor Burnout and Coping Mechanisms."

Matthew Herberlie (Student of Aviation Management and Flight):

- Second place in the undergraduate poster presentation contest.

Congratulations!

- **Tammera L. Holmes**, graduated from the Aviation Management in 2000, was featured in *The Chicago Egyptian*, a publication of the SIU Foundation, October 25, Issue 27. Ms. Holmes is President & CEO of AeroStar Consulting Corporation. When she established her own aviation consulting company, she was seeking to diversify an industry in need of more minority and female professionals. She established Aviation Academic Initiative (AAI) Pipeline, a program that AeroStar, along with other organizations, established to educate youths about the opportunities in the aviation industry. In partnership with After School Matters, AeroStar

provides aviation instruction, mentoring and job shadowing for 20 weeks throughout the school year, in addition to six weeks in the summer. More information is available at: https://www.siu.edu/wordpress/wp-content/uploads/2015/10/Chicago_Egyptian_27.pdf#page=2. Congratulations!



- Please join me in congratulating the Aviation Management and Flight Department on a successful Hope Flies Scholarship Golf Scramble last Thursday, Oct 29th, 2015. The event started at 10:30AM at Hickory Ridge Golf Course. It was organized by caring alumni on behalf of Ryan McShane and the proceeds benefit our Aviation students. Congratulations!
- The Department of Aviation Management and Flight hosted this year's AMS (Aviation Management Society) banquet in the Transportation Education Center Multipurpose Room on Friday, October 30th, 2015. Interim Chancellor, Dr. Bradley Colwell, gave a welcoming remarks at the banquet. The keynote speaker this year was Captain Marshall Warren, who is a Boeing-777 Lead Line Check Airman for Delta Air Lines. In his off time, Captain Warren is a mountain climber, most recently having completed climbing the highest point on every continent in the world. Marshall started his climbing career in the year 2000 at the age of 46 when he climbed Mt. Kilimanjaro (19,320'). He has climbed Denali (20,320'), Mt. Matterhorn (14,687'), Ecuador Volcanoes Cotopaxi (19,347'), Chimborazo (20,701'), Mt. Elbrus (18,481'), Carstensz Pyramid (16,023'), Mt. Vinson (16,077'), Aconcagua (22,840') and Mt. Everest (29,035'). If interested, please see a Youtube video "Marshall Warren climbs Mt. Everest" at <https://www.youtube.com/watch?v=Aigf5Eb9ReA>. Congratulations!
- Members of Women In Aviation, Saluki Aviators chapter went to Mt. Vernon's event "Balloons Over Mt. Vernon" on October 17th, 2015. With the help of AVMAF (Aviation Management and Flight) professor **Lorelei Ruiz** and Aviation Technologies Field Rep **Rachel Lee**, the ladies set up flight simulators and other projects for children attending the event to participate in. This is just one way SIU students engage the community and kindle interest in area children to learn about science and aviation. Congratulations!



- Please join me in congratulating Health Care Management (HCM) on adding another two new members to its External Advisory Board: (1) Rex Ramirez, BS, CNMT, MBA, who is the Program Director for NM and Vascular Disease at Southern Illinois Healthcare. He brings a wealth of knowledge to the HCM program. (2) Lynn Detteman, MPA, LMT, CPC, who is a Patient Financial Services Government Coordinator at Southern Illinois Healthcare. Her knowledge of performance improvement methodologies and ICD-10 will be extremely beneficial to the HCM program. Congratulations!



UAS TASK FORCE

Governor Bruce Rauner announced on Tuesday, October 27, 2015 that he appointed the members of the Unmanned Aerial System (UAS) Oversight Task Force representing the interests of various stakeholders, local governments and State Agencies. The Task Force will prepare comprehensive recommendations for the safe and lawful operation of unmanned aerial systems or drones in Illinois. A report with recommendations is due to the Governor and General Assembly by July 1, 2016.

FYI: SIU is in the process of seeking a Certificate of Authorization (COA) and Section 333 Exemption from FAA (Federal Aviation Administration). Our Aviation Technologies (AVT) Department will offer the first UAS (“drone”) course next May.

RUTGERS TO CUT TUITION IN HALF

New Jersey students who may not have considered applying for college because of financial constraints could have their tuition costs completely waived or reduced by half through a program being offered by Rutgers University-Camden. Families with an adjusted gross income of \$60,000 or less will receive a grant that covers all of their tuition costs as well as the general campus fee. Families with an AGI of \$60,001 to \$100,000 will receive a grant covering 50 percent of their remaining tuition and the general campus fee once any other grants are applied. More information is available at:

<http://nj1015.com/rutgers-camden-to-cut-tuition-costs-in-half-for-some-students/>

FOR-PROFIT COLLEGES UNDER FIRE

Eleven (11) for-profit colleges were sued or investigated by the Illinois attorney general for offering “worthless degrees”: Westwood College, Inc.; International Academy of Design and Technology; American Intercontinental University; Harrington College of Design; Le Cordon Bleu; Sanford Brown; Everest Colleges; ITT Technical Institutes, EDMC Art Institutes, Brown Mackie Colleges and Argosy University. More information is available at: <http://abc7chicago.com/education/chicago-area-for-profit-colleges-under-fire---/1052904/>.

ANOTHER COLLEGE RANKING

The Economist’s first-ever college rankings are based on a simple, if debatable, premise: the economic value of a university is equal to the gap between how much money its graduates earn, and how much they might have made had they studied elsewhere. More information is available at:

<http://www.economist.com/blogs/graphicdetail/2015/10/value-university>.

RESEARCH TIPS

Academic writing can helpfully be thought of as involving three different approaches or phases. A key to successful and positive writing is undertaking them all. The role of each phase is clear, simple and straightforward to grasp and practice:

1. Write for yourself to find out what you know, think, feel and want to say.
2. Redraft to communicate with your reader.
3. Edit for posterity to offer clarity, clear language, structure, grammar, correct references.

Source: “*Inspirational Writing for Academic Publication*” by Gillie Bolton with Stephen Rowland.

ON THIS WEEK’S CALENDAR

- Monday, November 2, 2015: 3:00pm, AVT faculty interview.
- Tuesday, November 3, 2015: 8:30am, HCM External Advisory Committee Meeting, Dean’s Conference Room.
- Wednesday, November 4, 2015: 9:00am - 11:00am, Interim Chancellor Colwell meets CASA Executive Team, Anthony Hall Balcony Conference Room.

- Thursday, November 5, 2015: 8:00am - 10:00am, Graduate Council Meeting, Student Services Building Room 150-160.
- Friday, November 6, 2015: 11:00am - 1:00pm, Drone Webinar, AH Room 321; 5:00pm-8:00pm, Leaders and Scholars Reception and Open House, TEC Multipurpose Room.
- Saturday, November 7, 2015: 5:00pm-8:00pm, AVT 50th Anniversary Celebration, TEC.

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 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