

CASA Dean's MMU (Monday Morning Update)

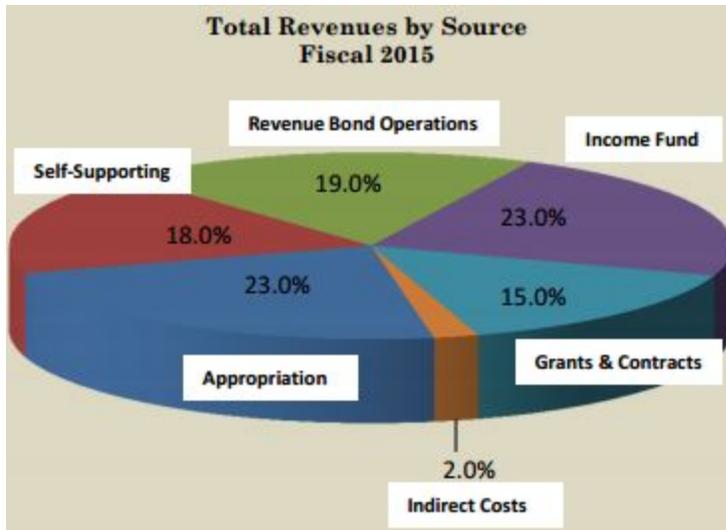
Monday, October 5, 2015

Dear Colleagues,

The Illinois Senate Higher Education Committee met last Thursday at John A Logan College to discuss the current financial state of higher education institutions and the impact of the state's budget crisis on higher education. The Illinois Board of Higher Education (IBHE) members will meet tomorrow, October 6, 2015, at Roosevelt University in Chicago to identify the impact of the current budget impasse on Illinois students and colleges. According to Pew's 2015 report, revenue from federal and state funding makes up a significant share of public college and university budgets. As shown in the picture below, as the national average, revenue from federal and state sources made up 37% of total revenue at public colleges and universities in 2013.



In the SIU system, the state appropriation takes 23% of the total revenue source, as shown in the following picture:



SENATOR MCGUIRE VISITING TEC

State Senator Pat McGuire, Chair of the Senate Higher Education Committee, visited the Transportation Education Center (TEC) at SIUC last Thursday. Chair Mike Behrmann of the Automotive Technology Department showed the automotive labs and classrooms to Senator McGuire. Paul Bouras, an automotive student from Joliet, explained how he selected SIU and how he has been studying here at SIUC. The Senator was excited to meet with him since Paul Bouras was transferred from Joliet Junior College which is in the district (43rd Senate District) Senator McGuire is representing and the Senator does a lot of work and knows the automotive program there very well. Paul was a good representative of our typical Automotive student in that he already has several job offers and does not graduate until May.



The picture below shows that Senator McGuire visiting one lab in the Test Cell Building accompanied by Chair Mike Burgener of the Aviation Technologies Department. It is a Continental IO-520 being readied for operation in one of our reciprocating engine test cells. This is a six-cylinder, horizontally-opposed aircraft engine produced by Teledyne Continental Motors.



The two pictures below are of a Pratt and Whitney JT-12 turbojet installed in our 5000 LB thrust gas turbine test cell. These engines are being used to support the engine operation, adjustment, and testing requirements of multiple courses in our FAA Approved Part 147 Aviation Technologies program.





AUTOMOTIVE TECHNOLOGY NEWS

- **Industry Recruitment:** Industry recruitment of SIU automotive students continues to be very aggressive. Due to the international quality reputation of the program and its graduates, many of the world's largest corporations flock to SIU in an attempt to attract the industry's top talent. Once students are accepted to enter into the competitive admissions of SIU Automotive program, industry courting and recruitment begins. Corporations battle each other to attract students very early on in an effort to identify high potential future industry leaders. With numerous paid corporate internships even beginning for the program's first year students, students must quickly become prepared to lead. Many Automotive students with May graduation dates have already received several full-time career offers.

With numerous corporations such as Ford Motor Company, Cummins Engines, CIT, and Fiat Chrysler Automobiles already visiting and interviewing SIU Automotive students this semester, the Transportation Education Center (TEC) is a very busy place. Last week, General Motors and Ally Financial were at the TEC recruiting and interviewing Automotive students. Ford Motor Company interviewed over 70 SIU Automotive students during their meetings. Below is a picture of the Ford recruitment team. In addition, Ford Motor Company helped sponsor the automotive registered student organization's Thursday Hot Dog's in the Hallway sale.



- **Automotive Conference:** The Automotive Technology Department is hosting the Illinois College Automotive Instructors Association (ICAIA) conference this week on October 8 and 9. This is the 80th semiannual conference for ICAIA. Originating in Illinois in 1976, the ICAIA has over 300 members from both secondary and postsecondary institutions from across the midwest. Having these instructors on the SIU campus is a great opportunity to further the understanding of the academic quality of SIU.

The 2-day conference kicks off on Thursday with a large industry trade show of automotive training tools, equipment, and educational materials available to support the STEM instructor. Following the trade show, members will be attending some of the 35 professional presentations over 5 different presentation sessions. During the Thursday evening banquet, 4 SIU automotive students with a passion to become educators will be receiving financial scholarships from funds raised on behalf of the ICAIA conference at SIU.

With many automotive STEM educators being graduates of SIU Automotive, we anticipate over 40 graduates to be in attendance. In addition, Mr. Steve Elza, the 2015 Illinois Teacher of the Year and SIU Automotive graduate will be in attendance at the conference.

CONGRATULATIONS

- Dr. **Seung-Hee Lee**, Program Director and Associate Professor of Fashion Design & Merchandising, has a paper entitled "Compulsive buying and branding phenomena", co-authored with Jane Workman, published in *Journal of Open Innovation: Technology, Market, & Complexity*. Congratulations!
- **Jennifer S. Sherry**, RDH, MSED, Associate Professor of Dental Hygiene, has applied for a grant from the ADHA Institute for Oral Health/Wrigley Company Foundation for the "Give Adults a Smile Day" program. The grant is for community service leading up to National Dental Hygiene Month. The grant will be awarded to applicants who are involved in a specific community health project that improves the public's oral health and provide oral health education. She applied for the \$2,500 grant on behalf of the Southern Illinois Dental Hygienists' Society #12. Congratulations!
- **Mike Behrmann**, Chair of Automotive Technology Department, just received a donation from General Motors for a new 2015 GMC Sierra Crew Cab Denali truck. The vehicle is valued at over \$57,000 and will be used in student research and development projects. The donation was made possible by several SIU Automotive alumni employed with GM. Congratulations!



- **Mike Behrmann**, Chair of Automotive Technology Department, turned in the paperwork last week for a new Cadillac and parts from General Motors. This gift was valued at almost \$58,000. The new Cadillac will be used in teaching and research to assist the nationally recognized Automotive Technology program. Congratulations!
- **Jennifer Marie Meyer**, Assistant Instructor of Dental Hygiene, secured gift-in-kind donations from Johnson & Johnson that will be used in the Dental Hygiene Clinics for teaching and learning. The Dental Hygiene program requires clinical education in addition to coursework. Students earn hands-on experience with patients while working in a supervised environment. The clinical experience is helpful when taking the licensing examinations required of dental hygienists. The secured gift donation including dental supplies and equipment will help both the program and our students greatly. Congratulations!
- **Donald Bartlett**, Assistant Professor of Aviation Technologies, was elected to be the Chair of the CASA Curriculum Committee consisting of the following members: Stephen C. Shih, Julie Davis, Melinda La Garce, Nancy Martin, Blaine M. Heisner, Elaine H. Atwood (ex-officio), and Craig Anz (ex-officio). The Curriculum Committee review and recommend proposed curricular changes for courses and programs within the College and make recommendations to the Dean. Congratulations!
- Five Information Systems Technologies (IST) faculty members, **Sam Chung, Tom Imboden, Belle Woodward, Andrey Soares, and Nancy Martin**, attended ACM SIGITE 2015 from Thursday to Saturday last week at DePaul University in Chicago. They had a panel discussion on “*Rebirth of IT Degree Program to Create Your Future Again*” at this ACM (Association for Computing Machinery) Special Interest Group for Information Technology Education (SIGITE) 2015 conference, Wednesday, September 30 – Saturday, October 2, 2015, Chicago, IL. Congratulations!
- **Brian P. Kazmierzak**, a graduate from SIU Fire Service Management (FSM), who is the division chief of training for the Penn Twp. Fire Dept. in Mishawaka, Indiana, published a paper entitled “Firefighting Tactics: Change Breeds Debate” in *Fire Engineering* magazine, For over 133 years, Fire Engineering magazine has provided training, education, and management information for fire and emergency services personnel worldwide. Articles are written by experts in the fire service and focus on lessons-learned.. Congratulations!



AD STAFF MEETING

The Administrative (AD) Staff will meet on Wednesday, October 7, 2015, 9:00am - 11:30am in the Dean's Conference Room. The tentative agenda of the meeting is below:

1. Welcome, open forum, and Dean's briefing
2. Career Services presentation and discussion

3. Grant F&A incentives and college guidelines
4. Campus-wide program review discussion
5. Distinguished Alumni Award and fundraising update
6. 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, 10/6/2015. All faculty and staff are invited to the open forum section of the Administrative Staff meeting from 9:00am - 9:30am.

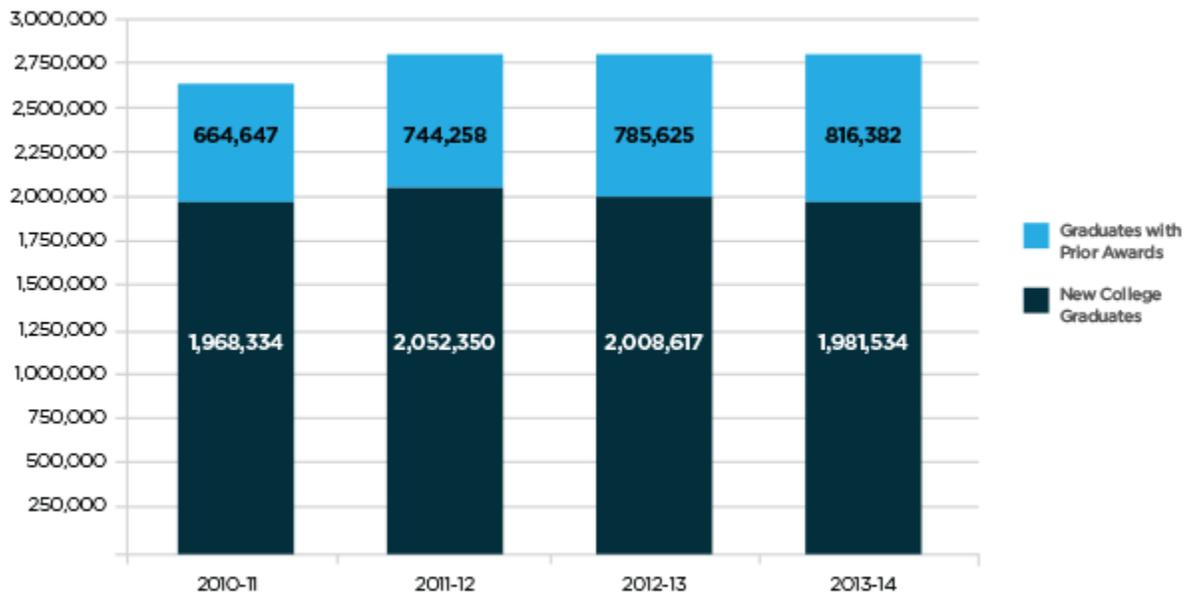
DISTINGUISHED ALUMNI AWARD

The college is seeking nominations for the 2015 CASA Distinguished Alumni Award. This award honors an alum who has excelled in their profession and contributed to CASA students and programs. The CASA Board of Counselors will make the selection of the award recipient during their Fall meeting on October 30 this year. The award recipient will be recognized during the Honors Day event next Spring. The deadline for the CASA Distinguished Alumni Award nomination is Friday, October 9, 2015.

NEW COLLEGE GRADUATES REPORT

For a second consecutive year, the number of students receiving their first college credential fell, even as the number of students earning a second or third undergraduate credential continue to increase. According to a new report published by the National Student Clearinghouse Research Center, (<https://nscresearchcenter.org/newcollegegraduates-201314/>), in 2013-14, the number of *new college graduates* in the U.S. — students earning their first postsecondary credential — fell for a second straight year, while the number of students receiving their second or third undergraduate credential continued a postrecession increase. The following chart shows that counts of students receiving undergraduate degrees (bachelor’s and associate’s) in each academic year, disaggregated by new college graduate status. The number of new college graduates has been falling since 2011-12, while the number of graduates with prior credentials has continued a postrecession increase. The total number of undergraduate degree recipients has been essentially flat since 2011-12.

(Click to Enlarge)



The number of new college graduates saw strong growth in the first two years covered by this report (increasing at annual rates of 4.9 percent in 2010-11 and 4.3 percent in 2011-12), followed by two years

of declines (-2.1 percent in 2012-13 and -1.3 percent in 2013-14). In 2013-14, U.S. Title IV degree-granting institutions awarded 1,981,534 associate and bachelor's degrees to students with no prior postsecondary award, only 0.7 percent more than they awarded in 2010-11 (1,968,334). Cumulatively, over eight million students received their first college degree (associate or bachelor's) during this four-year period.

TEACHING TIPS

- **Formative assessment:** Formative assessment occurs as part of the instructional process, and provides information needed to adjust teaching and learning as they are happening. It therefore informs both students and instructors about student understanding at a point when timely adjustments can be made. Doing so helps students achieve learning outcomes more effectively. One way to think about formative assessment is as practice, without holding students fully accountable for skills and concepts that have just been introduced. Formative assessments come in many forms but would include homework problems, small quizzes, drafts of papers with responses, and even “clicker” feedback during a lecture to measure student understanding among others. What instructors do with the knowledge they gain from formative assessments determines whether it is effective for improving student learning.
- **Summative assessment:** Summative assessments are given at intervals to determine what students know and do not know. This form of assessment is the traditional test at the end of a unit, a final term paper, or final exams. The larger standardized tests such as the SAT, ACT, MCAT and LSAT would fit in this category of assessments as well. These are spread out and occur after instruction as a final measure of learning for a particular topic in a course. This type of assessment occurs too far down the learning path to provide feedback for a particular learner, although they do serve as an important measure for faculty to determine how to more effectively teach a topic.

ON THIS WEEK'S CALENDAR

- Monday, October 5, 2015: 8:00am, CASA Tenure & Promotion Committee Meeting, Dean's Conference Room.
- Tuesday, October 6, 2015: 9:00am, EC Director Search Meeting, AH 17.
- Wednesday, October 7, 2015: 9:00am - 11:30am, Ad Staff Meeting, Dean's Conference Room.
- Thursday, October 8, 2015: 11:30am - 1:00pm, Faculty Senate Faculty Luncheon, Student Center Old Main; Automotive Technology Education Conference, October 8-9, TEC.
- Friday, October 9, 2015: 9:30am - 11:00am, Open House, Student Center; 12:30pm, AVT Advisory Committee Meeting, 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