

State of the College Report



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Dean's Message



Dean Andy Ju An Wang, Ph.D.

As SIU enters another fiscal year (FY 2016) without a state budget, the College of Applied Sciences and Arts (CASA) continues to stand strong and secure through the support of alumni and friends. Based on Illinois Gov. Bruce Rauner's FY 2017 budget proposal, Illinois public universities will face a 20 percent reduction based on FY 2015 state appropriations. Given that almost 50 percent of the SIU budget is derived from state appropriations, this is an extremely difficult time. This financial crisis has forced SIU to reduce spending, slash budgets, and seek new sources of revenue to meet this challenge.

However, as our report confirms, the College of Applied Sciences and Arts (CASA) has been "doing more with less" for several

years. Our CASA enrollment, retention and graduation rates strongly contribute to the overall health of the university. Over the past three years, CASA has grown 4.97 percent (2015 fall enrollment over 2013 fall enrollment); and the CASA average retention rate for this period was 80.89 percent. In an environment of uncertainty and challenges, our College has helped to steady the ship.

This continues to be a critical time for innovative efforts which can increase interest, awareness and enrollment in SIU degree programs. We hope to provide interested alumni with opportunities to share their SIU experiences with prospective students and families, and to offer new forums for referring quality recruits to join our Saluki family. The personal attention and encouragement SIU alumni provide can make a difference during the college selection process. You are always welcome to join and support our CASA recruitment, retention and support efforts in any way, shape or form. Thank you for the many ways you contribute, serve and support us as a member of our SIU community!

Andy Wang, Ph.D.

Professor and Dean

Introduction

The College of Applied Sciences and Arts (CASA) at Southern Illinois University Carbondale has a rich heritage of student success, faculty dedication and nationwide industry support for graduates of our diverse degree programs. Our SIU CASA faculty, staff and students are strengthened by the vibrant and longstanding support of Saluki alumni nationwide. For more than 65 years, CASA has remained a national leader in the recruitment, mentoring and education of students who graduate equipped with critical 21st century skills that are in high demand. Regardless of financial restraints or uncertainty imposed on our University and College, we commit to reach even farther across our region to tap into new populations of learners from underrepresented populations who seek to enter promising career pathways for decades to come.

A TRADITION OF SUCCESS

A STANDARD OF EXCELLENCE



The SIU Transportation Education Center (TEC) officially opened in the Fall of 2012.



Since our inception in the 1950s as the Vocational Technical Institute (VTI), CASA has undergone continuous change.

Our History

The College has evolved over the past 65 years from its original name of SIU Vocational-Technical Institute (VTI) to the School of Technical Careers (STC) to the College of Technical Careers (CTC) to its current name of College of Applied Sciences and Arts (CASA). CASA programs host 15 varied advisory boards comprising professionals in their industries and alumni dedicated to creating the most current and influential courses possible to prepare our graduates for contemporary and evolving work. This critical relationship remains a key for ensuring the ongoing success of our CASA graduates and the continued strengthening of each degree program offered.

CASA Undergraduate Degree Programs

CASA degree programs educate students through our School of Architecture (SOA), School of Allied Health (SAH), School of Information Systems and Applied Technologies (ISAT), Department of Automotive Technology (AUT), Department of Aviation Management and Flight (AVM/AF) and the Department of Aviation Technologies (AVT) degree programs. We invite you to learn more about CASA degree programs through the website links below.

School of Architecture (SOA) at architecture.siu.edu/

- Architectural Studies, architecture.siu.edu/undergraduate/arc-studies/
- Fashion Design and Merchandising, architecture.siu.edu/undergraduate/fdm/
- Interior Design, architecture.siu.edu/undergraduate/id/
- Public Safety Management, architecture.siu.edu/undergraduate/psm/

School of Allied Health (SAH) at sah.siu.edu/

- Dental Hygiene, sah.siu.edu/undergraduate/dental-hygiene/
- Health Care Management, sah.siu.edu/undergraduate/health-care-management/
- Mortuary Science and Funeral Service, sah.siu.edu/undergraduate/mortuary-science-funeral-service/
- Physical Therapist Assistant, sah.siu.edu/undergraduate/physical-therapist-assistant/
- Radiological Sciences (specializations include radiation therapy, medical sonography (ultrasound) and magnetic resonance imaging/computed tomography), sah.siu.edu/undergraduate/radiologic-sciences/



School of Information Systems and Applied Technologies (ISAT) at isat.siu.edu/

- Information Systems Technologies, isat.siu.edu/undergraduate/information-technology/
- Technical Resource Management, isat.siu.edu/undergraduate/technical-management/
- Electronic Systems Technologies, isat.siu.edu/undergraduate/electronic-technology/

Department of Automotive Technology (AUT) at automotive.siu.edu/

Department of Aviation Management and Flight (AVM/AF) at aviation.siu.edu/

Department of Aviation Technologies (AVT) at aviation.siu.edu/technologies/



CASA Graduate Degree Programs

asa.siu.edu/academics/masters-degrees.html

MASTER OF ARCHITECTURE

This degree is accredited by the National Architecture Accrediting Board and will help students develop the skills and insights necessary to earn National Council of Architectural Registration Board (NCARB) certification. The degree is available in a 15-month accelerated program, allowing professionals the option of pursuing higher education credentials through an on-campus or on-line learning environment.

MASTER OF SCIENCE IN PUBLIC SAFETY AND HOMELAND SECURITY

This degree is geared toward a working professional with a bachelor's degree in a public safety discipline or fire safety-related field. The degree is available on-line and at off-campus locations. Students can complete this degree in as few as 16 months.

MASTER OF SCIENCE IN MEDICAL DOSIMETRY

This online program gives students the knowledge and expertise necessary to generate radiation dose distributions and dose calculations in collaboration with medical physicists and radiation oncologists.

MASTER OF HEALTH ADMINISTRATION

Those interested in the management of hospitals, long-term care facilities, physician practices, government health agencies or other care providers benefit from advanced knowledge in this growing field. Working professionals can complete this degree through our online program offering.

MASTER OF HEALTH INFORMATICS

Hospital managers, health information technicians, coding specialists, nurses, physicians and other place-bound professionals benefit from our MHI degree program which has been specifically tailored to build the knowledge, skills and credentials needed for fast-growing careers in this high-job-growth industry.

MASTER OF SCIENCE IN RADIOLOGIC SCIENCES

MSRS is a comprehensive degree program that prepares students to advance in the professional workforce with a graduate degree in radiology, specializing in either management or education.

MASTER OF PUBLIC ADMINISTRATION WITH SPECIALIZATION IN AVIATION ADMINISTRATION

This 43-hour curriculum offers students who are planning for careers in aviation administration a firm foundation of the essentials of public administration, as well as advanced specialized training in aviation.

CASA Degree Program Student Enrollment

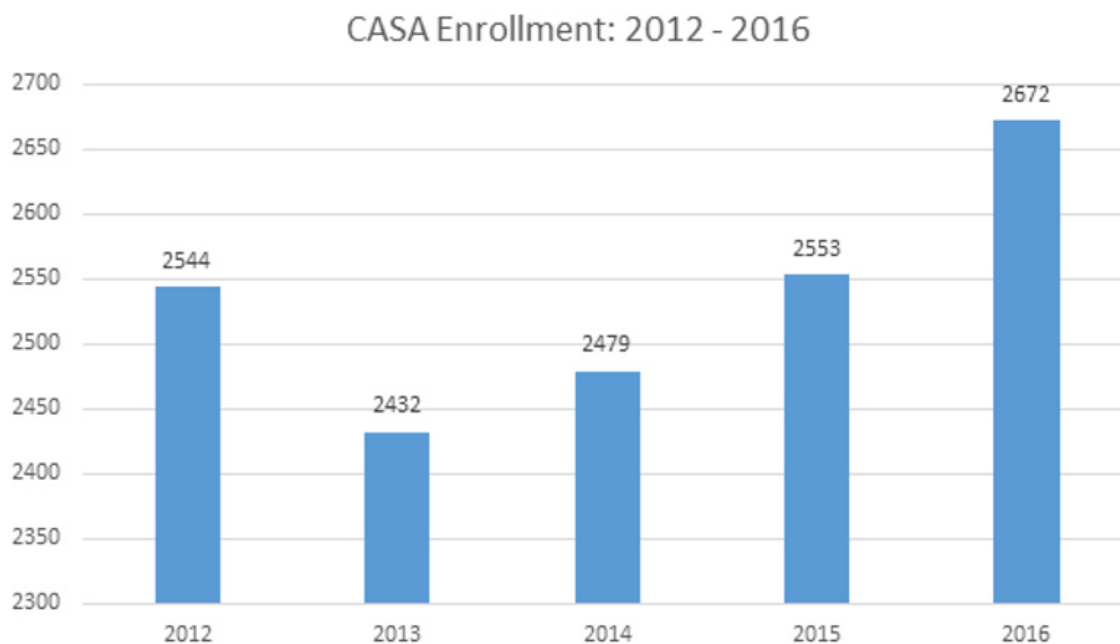


Table 1 identifies Southern Illinois University student enrollment by college (2011-2015). CASA has consistently ranked in the top third of total student enrollment for the university.

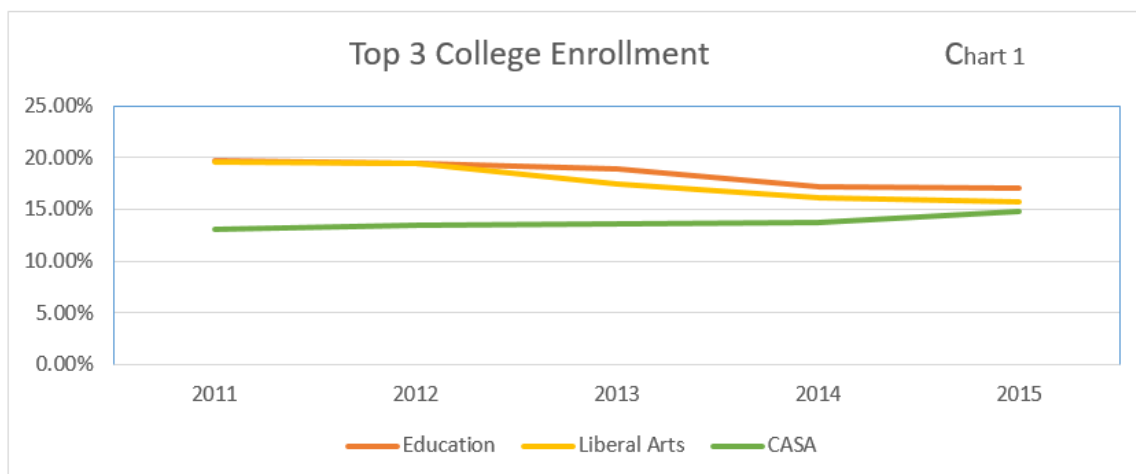


	STUDENT ENROLLMENT BY COLLEGE									
College	Table 1									
Enrollment	Fall 2011		Fall 2012		Fall 2013		Fall 2014		Fall 2015	
	Total	% of Total	Total	% of Total	Total	% of Total	Total	% of Total	Total	% of Total
Liberal Arts	3878	19.57%	3654	19.39%	3392	18.88%	3089	17.17%	2954	17.08%
Education	3914	19.75%	3674	19.49%	3132	17.43%	2907	16.16%	2723	15.75%
CASA	2596	13.1%	2544	13.5%	2432	13.54%	2479	13.78%	2553	14.76%
Science	1871	9.44%	2026	10.75%	2014	11.21%	2153	11.97%	2070	11.97%
Engineering	1531	7.73%	1478	7.84%	1554	8.65%	1669	9.28%	1637	9.47%
Business	1430	7.22%	1425	7.56%	1425	7.93%	1433	7.97%	1432	8.28%
University College	1482	7.48%	1071	5.68%	1028	5.72%	1379	7.67%	1106	6.4%
Agriculture	1053	5.31%	1030	5.47%	1031	5.74%	1030	5.73%	1025	5.93%
Mass Comm	971	4.9%	923	4.9%	891	4.96%	821	4.56%	753	4.35%
School of Medicine	390	1.97%	385	2.04%	435	2.42%	435	2.42%	436	2.52%
School of Law	395	1.99%	362	1.92%	361	2.01%	368	2.05%	372	2.15%
Graduate School	306	1.54%	275	1.46%	269	1.5%	226	1.26%	231	1.34%
Total:	19817	100%	18847	100%	17964	100%	17989	100%	17292	100%

Note: Effective fall 2013, the Physician Assistant program moved to the SIU School of Medicine, while the Physical Therapist Assistant (two-year) program remains in CASA. As shown through Table 1 (above), fall 2012 college enrollment was 2,544 students (of which 58 students were in the PA program), and fall 2013 reflects an enrollment decline of 112 students (of which half of these losses were from the PA program). As shown, the college absorbed the loss of PA enrollment figures and has shown consistent, positive student enrollment gains each year.

As shown, CASA generates about 14.76 percent of current university enrollment. Whereas university enrollment over the decade in some colleges has been declining (as shown in Chart 1 on following page), CASA growth has held steady and recorded a modest 1.66 percent increase in total enrollment percentage growth from 2011 to 2015.

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CASA is ranked high in overall undergraduate student enrollment. As shown in Table 2, our college's modest 3 percent growth rate (years 2013 to 2015) contributes to our overall health.

	Enrollment by Degree-Undergraduate				Table 2
	2013	2014	2015	Difference	% Growth
	BS	BS	BS	2015-2013	2015/2013
CASA	2303	2316	2372	69	3%

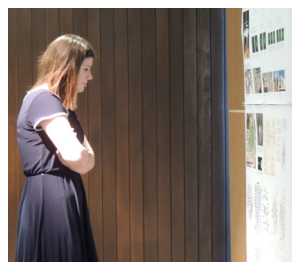
Three new graduate degree programs that launched in summer 2016 have positioned the college for exponential growth potential. The college also is in the process of developing a collaborative Ph.D. in applied sciences and arts at SIU. Table 3 (below) shows our CASA graduate degree program enrollment had a 35.2 percent growth rate from 2013 to 2015, adding 44 students, while continuing to show strong growth projections.

	Enrollment in Graduate Degree Programs				Table 3
	2013	2014	2015	Difference	Growth
	MS	MS	MS		
CASA	125	141	169	44	35.20%



Table 4 shows CASA three-year program enrollment data and average for each CASA program. Thirteen of 16 programs show a 4.97 percent increase in fall 2015 enrollment over fall 2013.

	CASA ENROLLMENT			Table 4
On-campus and distance education				
Major	Fall 2013	Fall 2014	Fall 2015	3 Year AVG.
AF	192	200	198	196.67
ARC	214	193	168	191.67
ARCM	78	99	107	94.67
AUT	241	268	292	267
AVM	188	188	197	191
AVT	167	170	138	158.33
DH	116	112	118	115.33
EST	103	87	77	89
FDM	109	90	81	93.33
FSHS	11	14	23	16
FSRV	66	88	96	83.33
HCM	279	270	306	285
ID	47	41	45	44.33
IST	212	211	226	216.33
MDOS	36	28	29	31
MSFS	75	92	106	91
PTH	67	73	70	70
RADS	166	178	190	178
RADS			9	3
TRM	52	52	63	55.67
Total	2,432	2,479	2,553	2,488



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Student Retention

Student retention is an essential reflection of the overall enrollment health of our college. Strong retention is a byproduct of effective recruitment, quality programs, engaged faculty and professional advisement. CASA is proud to share data that reflects strong student retention indicators for first-time/full-time, transfer and continuing students. The continuing student retention rate shown in Table 5 (2012-2014) reflects above-average student retention outcomes.

The first-time/full-time CASA retention rate of 71.93 percent (2012-2014) is indicative of meaningful and successful recruitment and admittance policies. Our transfer retention rate of 79.5 percent speaks to our CASA student commitment and success year after year.

CASA Retention Rates (2012-2014)

Program	FT/FT 3 YR AVE	Transfer 3 YR AVE	Contin 3 yr AVE
ARCH	55.58%	77.35%	77.55%
AUTO	76.21%	83.28%	88.18%
AVF	69.1%	74.18%	84.36%
AVM	55.56%	84.83%	72.89%
AVT	70.67%	87.22%	87.81%
DH	81.21%	98.33%	98.64%
EST*	0%	82.97%	57.69%
FDM	52.96%	61.48%	82.59%
FSM*	0%	68.48%	39.81%
HCM	61.11%	70.26%	70.28%
ID	70.84%	66.67%	82.11%
IST	74.44%	85.93%	88.46%
MSFS	85%	93.33%	92.18%
PTH	100%	90.91%	90.2%
RAD	82.43%	69.37%	91.19%
TRM*	0%	77.43%	90.27%
College	71.93%	79.50%	80.89%
Total	77.44%		



Dental Hygiene students (pictured above) and Aviation Technologies students (below) reflect the broad diversity in backgrounds, ethnicities, talents and passions of our CASA student body.

CASA Graduation Rates

High graduation rates speak to the importance of the quality of student recruitment and retention efforts campus-wide. The CASA six-year graduation rate ranks our graduates second overall at 65.2 percent; outperforming the overall university six-year graduation rate of 45.2 percent.

CASA is the third-largest degree-granting college for the university. Table 7 (below) provides a five-year average of degrees granted by college, indicating CASA students, on average, represented 17.02 percent of all SIU degrees to graduates from 2010-2014.

Extraordinary student outcomes in enrollment, retention and graduation rates position CASA as a foundational component to the overall health of Southern Illinois University Carbondale. Our potential for growth through extended-campus and online degree programs is limited only by available resources to support faculty and facility space expansion requirements.

Table 6	6 YR GRADUATION RATE	
UNITS	2007	2008
ARC	64%	58%
AUTO	78%	84%
AF	74%	67%
AVM	43%	43%
AVT	76%	80%
DH	100%	85%
EST	55%	65%
FDM	60%	54%
FSM	43%	46%
HCM	52%	50%
IST	65%	65%
ID	80%	52%
MSFS	77%	72%
RADS	82%	84%
TRM	72%	100%

TABLE 6 SIX-YEAR GRADUATION RATES OF CASA DEGREE PROGRAMS.

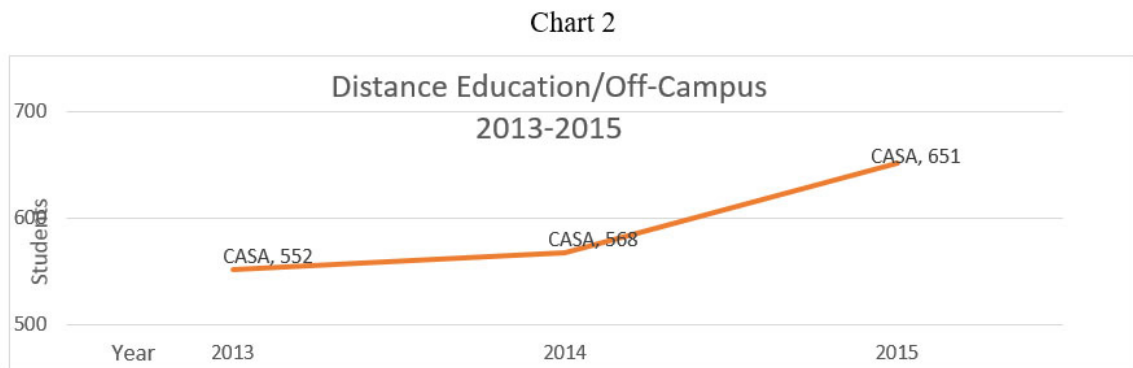
	Degrees by College				Table 7
COLLEGE	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
AGR	5.66%	5.09%	6.52%	5.70%	6.2%
CASA	17.23%	16.51%	16.47%	18.16%	17.66%
BUSINESS	9.27%	8.98%	8.38%	8.16%	7.62%
EDUCATION	26.17%	27.83%	27.57%	25.45%	25.26%
ENGINEERING	8.27%	8.47%	9.41%	8.18%	7.91%
LIBERAL ARTS	19.01%	18.75%	19.1%	19.89%	19.95%
MASS COMMUNICATION	5%	4.74%	4.67%	4.65%	5.09%
SCIENCE	5.26%	5.99%	5.74%	5.4%	5.88%
LAW	2.64%	2.28%	2.51%	2.66%	2.15%
MEDICINE	1.47%	1.3%	1.48%	1.54%	2.15%
TOTAL	99.98%	99.94%	101.84%	99.81%	99.88%

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Distance Education Growth

Our CASA extended-campus and online degree program enrollment keeps CASA a top producer in distance education student enrollment growth for the university. Our School of Allied Health has received approval to provide online degree completion options for our popular Dental Hygiene program. Online graduate degree programs in Health Care Administration (MHA) and Health Care Informatics (MHI) have successfully launched.



The School of Information Systems and Applied Technologies (ISAT) is offering more robust web-based learning opportunities. Aviation Management and Flight expanded its extended-campus program sites to include Southwestern Illinois Community College (SWIC), and plans are in the works to soon open a new site at Beaver County Community College in Pennsylvania. The CASA three-year trend for distance-education student population enrollment steadily increased from 2013 to 2015.

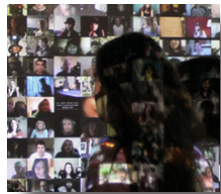
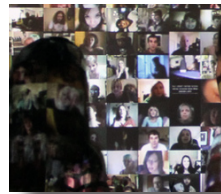


Faculty Research Production

Faculty research production is becoming increasingly important to the College of Applied Sciences and Arts, as reflected by the strong participation of CASA faculty and students in our research symposium. The college invests in faculty research production through:

1) The **Applied Sciences and Arts Research Symposium**: The inaugural research symposium took place in fall 2015 with more than 100 attendees and five academic and industry sponsors: SIU Workforce Education Research and Development Laboratory; TAC Air; Holabird & Root; Eggemeyer Associates Architects; the SIU Graduate School; and the SIU Center for Undergraduate Research and Creative Activities. This symposium showcased faculty research and expertise, student posters, and industry engagements. CASA faculty led 24 presentations, including six by summer research recipients; 31 students prepared research posters; and an IBM Watson Analytics workshop drew 70 participants. The second Applied Sciences and Research Symposium will take place Oct 14-15, 2016, at the SIU Transportation Education Center.

2) The **Journal of Applied Sciences and Arts**: Through the college's research committee, CASA



CASA FACULTY SUPPORT

Over the last several years (2011-2014), the college also has been forced to absorb the loss of 19.6 percent of our tenured faculty and 54.2 percent of tenure-track faculty. During this same period, non-tenure-track faculty positions increased by 21.1 percent.

TT/NTT Faculty				
Table 9				
	Total 2011	Total 2014	Number	Percentage
CASA	152	134	-18	-11.84%

Table 9 reflects an 11.8 percent CASA decline in faculty lines during a period that already has been reported as one of steady enrollment growth, increased credit hours, and more degrees offered and awarded.



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created and developed a peer-reviewed journal to foster the dissemination of research relevant to the specific disciplines studied in our degree fields. The Journal of Applied Sciences and Arts is independent of the college, and CASA has no editorial influence on the editor. A link to the journal can be found at research.asa.siu.edu/journal/.

3) CASA Summer Research Funding: The college recognizes the importance of supporting junior faculty in developing their research agendas. Therefore, CASA re-established summer funding for junior faculty research to encourage and increase research and grant production activities. Recipients are requested to present findings, results and further actions at the ASA Research Symposium, or at other forums.

4) Faculty Awards: The E.J. and Mary C. Simon Distinguished Faculty award winner for 2015 was Jennifer Sherry – SAH; and

the winner in 2016 was Richard McKinnies - SAH. Each school/department selects a tenure/tenure-track Teacher of the Year, as well as a term Teacher of the Year recipient. This year's recipients for T/TT Teacher of the Year were: AUT – Eugene Talley; AVMFT – Steven Goetz; AVT – Donald R. Bartlett; SAH – Sandra K. Collins; and ISAT – Belle Woodward. Term Teacher of the Year recipients were: SOA – Judy Huyck; AUT – Neil Black; AVMFT – Adrian Krupa; AVT – Thomas Roy; SAH – Tim Davis; and ISAT – Edward Workman. CASA T/TT Teacher of the Year and CASA Term Teacher of the Year recipients were Sandra K. Collins and Neil Black.

Professional Licensure

Most of the CASA degree programs are accredited by nationally recognized professional agencies that require students pass a national competency exam prior to receiving licensure. Reports of CASA students passing national exams at rates exceeding 85 percent for first-time takers is the norm, not the exception. The ongoing success of CASA students preparing for, and passing, national certification exams is another example of the critical expertise and capabilities of the CASA faculty and staff who work with our students to prepare them with the state-of-the-art competencies and credentials in high demand nationwide and worldwide today.

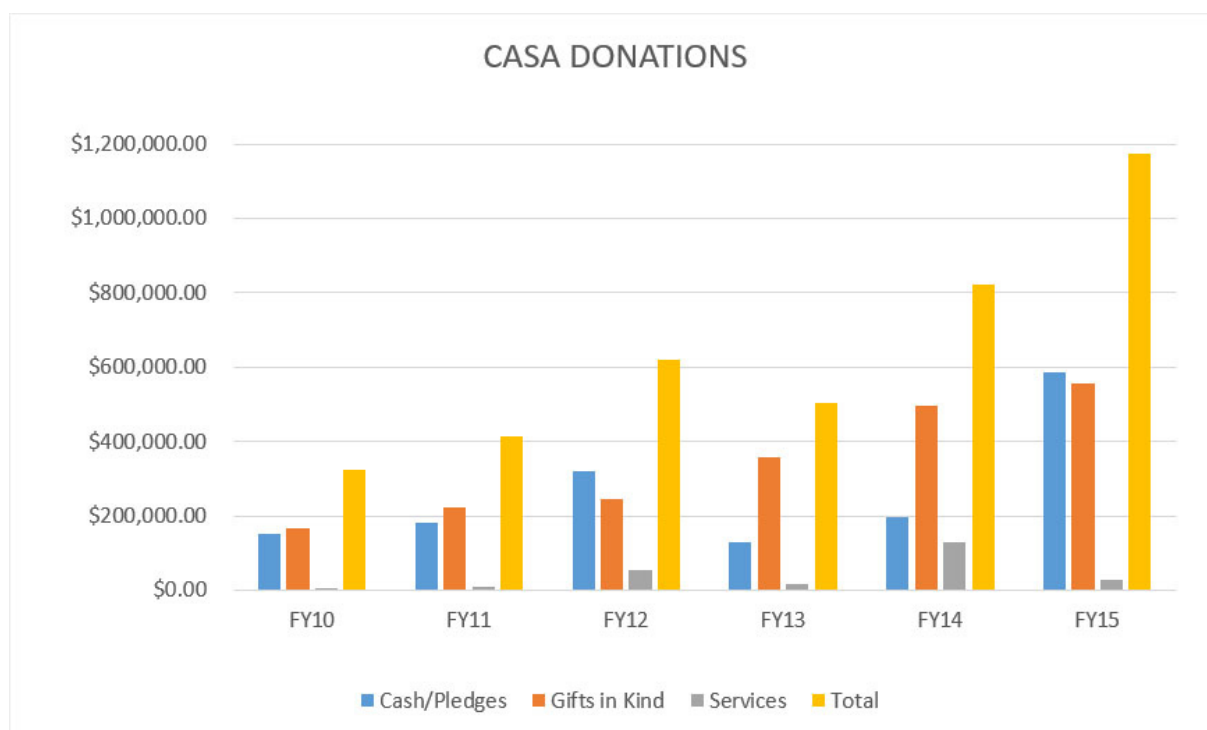
Donations are Critical to CASA Success

CASA donations are a central component of the success of our degree programs.

Gifts in-kind, as well as pledges made, play a significant role in our ability to update equipment and buy supplies for labs and facilities. Pledges attract and keep students engaged by providing critical scholarships to students with financial needs. Table 10 captures recent CASA gift-giving levels.

CASA DONATIONS					
FY	Cash/Pledges	Gifts in Kind	Services	Total	
10	\$151,101.25	\$166,859.20	\$6,250	\$324,210.45	
11	\$181,247.95	\$223,543.87	\$7,889	\$412,680.82	
12	\$319,584.86	\$243,818.98	\$54,860.90	\$618,264.74	
13	\$127,748.34	\$357,200.40	\$18,463	\$503,411.74	
14	\$195,050.92	\$497,095.40	\$129,403	\$821,549.32	
15	\$586,918.66	\$557,507.00	\$29,439.95	\$1,173,865.61	

The data show our College of Applied Sciences and Arts continues to receive critical support from industries and alumni through contributions to strengthen our student learning experiences.



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The college recently was assigned a new development officer through the SIU Foundation. New grant development teams also are in place to identify opportunities for increasing external funding of essential programs and services. Donations to our Automobile Technology program have included Navistar, General Motors, Toyota, Mitsubishi Motors and others for many years.



Navistar, the manufacturer of International brand commercial trucks, donated nine medium- and heavy-duty semi-tractor trailers, several engines, transmissions and supplies for our students.

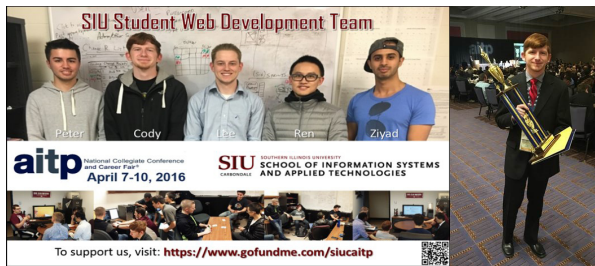


General Motors donated a Cadillac CTS-V, which features a 6.2-liter, supercharged V-8 engine that produces 556 horsepower; and a new GMC Sierra dual-cab four-wheel-drive pickup for the program.



Mitsubishi Motors donated three new Outlander Sport vehicles, five constant-variable transmissions and two engines for student learning. Numerous manufacturers and suppliers have given generous gifts and donations to support our Automotive Technology, Aviation Flight and Aviation Technologies program needs. Thank you to each donor and friend for your invaluable support to Southern Illinois University and our College of Applied Sciences and Arts as we face uncertain funding levels from the state of Illinois.

CASA Student Success and Points of Pride



Information Systems and Applied Technologies

- The SIU “Security Dawgs” student-registered Cyber Defense team has won three Illinois Collegiate Cyber Defense competitions, the last in 2014. The team finished second in 2015 and 2016, and advanced to Midwest regional competition in 6 of the last 9 years.
- The School of Information Systems and Applied Technologies holds a National Center of Academic Excellence in Information Assurance Education designation from the National Security Agency and the U.S. Department of Homeland Security.
- ISAT hosts SIU Cyber Security Day competition events each spring on our SIU campus.

- Cody A. Lingle, a senior student in Information Systems Technologies (IST) and president of the Security Dawgs, received first place in the security competition hosted by AITP during its national collegiate conference in Chicago.

School of Architecture



- Sara Diesburg, a 2015 graduate of the Interior Design program, was one of five national finalists last winter in the Steelcase National Student Design competition. There were 800 student entries from universities across the United States and Canada.
- The college’s online Master of Architecture program is one of only four in the nation.
- The Public Safety Management degree provides specializations in fire service management, emergency medical services and emergency medical administration.



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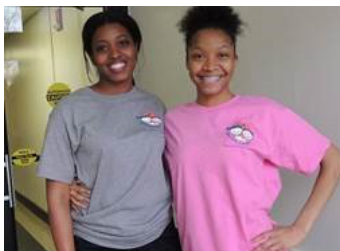
· Matt Baumgartner, a senior architectural student in the School of Architecture, presented his plan for a model “Downtown Square Park” in the Murphysboro, Illinois this year.

School of Allied Health



· The Dental Hygiene Clinic faculty and students lead “Give Kids A Smile Day” and “Give Adults A Smile Day” community events throughout the year. The events provide free preventive dental services to hundreds of children, adults and veterans at each clinic site.

· A dental sealant program gives preventive services to children ages 3 to 14.



· The Sonography program in the School of Allied Health offers free ultrasounds for pregnant women in the region through special outreach programs offered each fall.

· Radiologic Sciences students Shauna Crawford, Kati McIntyre, Becca Armstrong and Alex Roberts won third place in the Scholar Bowl at the 81st annual ISSRT conference.



Automotive Technology



· The automotive and ground transportation industry recognizes the Department of Automotive Technology’s outstanding quality by consistently providing more than \$500,000 of gift-in-kind support annually and numerous paid

internships for students to experience leadership operations with major corporations each year.

- The College's Transportation Education Center houses our nationally recognized automotive and aviation programs in a \$63 million state-of-the-industry training facility.
- Eighty-eight percent of SIU Carbondale's automotive technology graduates accept job offers prior to graduation, with a mean annual starting salary of \$57,000.



Illinois Education Secretary Beth Purvis visited the TEC along with SIU Interim Chancellor Brad Colwell, SIU President Randy Dunn and Gov. Bruce Rauner in summer 2016.



Aviation Management and Flight



The Air Race Classic (ARC) is an annual national competition that began in 1929 with Amelia Earhart winning the first ARC trophy. In 2015, 112 women competed in the ARC, and SIU aviation flight students (pictured above left) Jessica Reed and Stephanie Armstrong won first place in the air race classic and first place in the collegiate flight competition!

Emily Frasca, a senior in Aviation Management and Flight (pictured above right), was featured in the "Faces of '15" published by The News-Gazette in the Champaign-Urbana metropolitan area.

The nine-time National Champion Flying Salukis have finished in the top three in the National Intercollegiate Flying Association Championships for the last six years, winning titles in 2011, 2014 and 2015, and finishing with a strong second place in May 2016.

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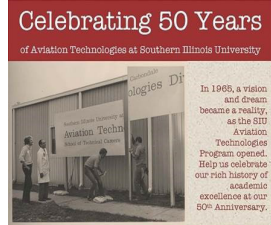


- The Aviation Flight and Aviation Management programs place SIU among a group of 66 universities that have received Federal Aviation Administration certification that reduces the required flight time for graduates interested in becoming airline pilots.
- SIU is the only university that works with major airlines to fly students to campus for Aviation Career Day events. SIU holds an Aviation Career Day with American Airlines in the fall, United Airlines in the spring and Southwest Airlines through alumni visits.
- The aviation program has two Salukis on the Navy's flight demonstration team, the Blue Angels: Lt. Ryan Cunningham, the No. 6 pilot, and Lt. Cmdr. Declan Hartney, a demonstration team maintenance officer. Both will serve with the crew through 2016.

Aviation Technologies

• Aviation Technologies offers students hands-on experiences working with general aviation and commercial fixed-wing aircraft and helicopters. Before moving on to advanced specifications, most students complete the requirements for their Airframe

and Powerplant licenses through our FAA-approved Aircraft Maintenance Technical School.



• Internships are a primary component of our aviation programs. Three Aviation Technologies students have been with the Commemorative Air Force during the last two summers as part of maintenance and flight crew training experiences.

• In the last three years, the Aviation Technologies program has received more than \$330,000 in grants from the Boeing Corp. and strong alumni support year-round.

• A partnership with Saudi Aramco, a global energy firm and Saudi Arabia's state-owned oil company, has trained 100 percent of their aviation mechanics at SIU Carbondale.



CASA 2016 HONORS DAY

Honors Day at SIU Carbondale commemorated the accomplishments of the university's highest-achieving students who have maintained a minimum grade point average of 3.5 on a 4.0 scale for both total undergraduate studies at SIU Carbondale and transfer credits. In our college, 510 students met these minimum requirements, including 57 freshmen, 66 sophomores, 120 juniors and 267 seniors. Among these 510 students, 247 students maintained a GPA of 3.75 or above; and 105 students maintained a GPA 3.90 or above. Congratulations to our CASA high achievers!



State of the College Report

SIU Externship Program

Twenty-eight CASA students completed a one-week externship experience over spring break (March 14-18, 2016) with these externship sponsors:

Hunter Engineering Company, Bridgeton, Missouri – (Automotive Technology)

Legat Architects, Waukegan, Illinois – (Architectural Studies and Interior Design)

Liaison Technologies, Carbondale, Illinois – (Information Systems and Applied Technologies)

Mackey Mitchell Associates, St. Louis – (Architectural Studies / Interior Design)

Nelson, Chicago – (Architectural Studies and Interior Design)

FWIA Architects, Springfield, Illinois – (Architectural Studies and Interior Design)

Perkins + Will, Chicago – (Architectural Studies and Interior Design)

G. Meredith Funeral Home, Carbondale, Illinois – (Mortuary Science and Funeral Services)

SIU Project Management Office – (Information Systems and Applied Technologies)

Regional Brain and Spine Center, Cape Girardeau, Missouri – (Health Care Management)

Remiger Design, St. Louis – (Interior Design)

Whitney Architects, Oak Brook, Illinois – (Architectural Studies)

GE Aviation, Evandale, Ohio – (Aviation Technologies)

Rockwell Collins, Cedar Rapids, Iowa – (Aviation Technologies)

AAR Corp., Wood Dale, Illinois – (Aviation Management and Flight)

Cape Air, Bridgeton, Missouri – (Aviation Management and Flight)

IDOT Division of Aeronautics – (Aviation Management and Flight)

Gensler, Chicago – (Architectural Studies and Interior Design)

VOA Associates, Chicago – (Architectural Studies and Interior Design)

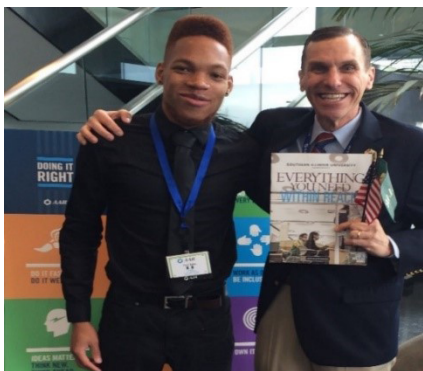
Broward County Aviation Department, Dania Beach, Florida – (Aviation Technologies/Aviation Management and Flight).



Automotive technology junior student Jacob Gaylord (pictured above) completed his SIU externship at Hunter Engineering in St. Louis working with several SIU CASA alums.



Morgan Meinhart, a junior in interior design, and Shawn Ankenbrandt, a junior in architectural studies (pictured left), completed their externship experiences at Mackey Mitchell Architects in St. Louis, with their sponsor, Elizabeth (Beth) Kutterer-Sanchez (SIU alumni 2005), working alongside.



Aviation management senior student Paul Egbo (picture above) completed his SIU externship with alumni Greg "G-Man" Dellinger at AAR Corp.



Fashion design and merchandising (FDM) students had their design work shown as a part of the New York Fashion Week (February 12-16, 2016), and hosted their own fashion show on the SIU campus.



Collin Wece and John Curtis Thompson went to Rockwell Collins for Aviation Management and Flight.



Interior design senior student Zoey Koester completed her externship experience with FWAI Architects (pictured above).



Belle Woodward, an associate professor of information systems and technologies, (picture on left and below) organized a study abroad trip for students during summer 2015 in Germany with the Deggendorf Institute of Technology.

The trip focused on study in privacy, ethical, social and legal issues of cyberspace.

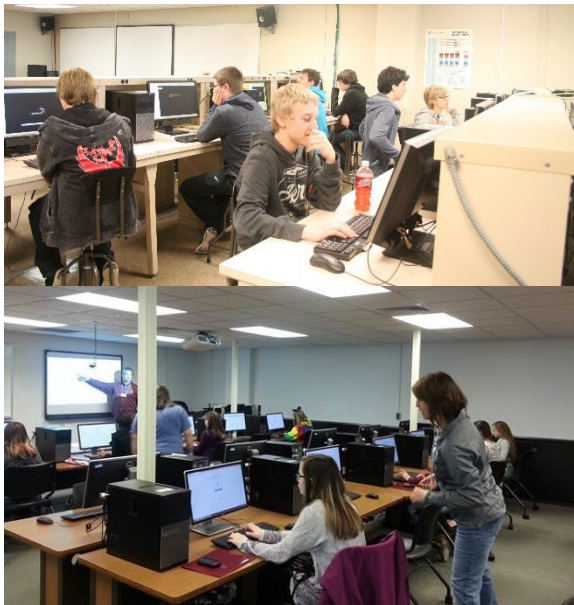


Jon Davey, a professor of architecture, organized a study abroad trip for students from May 15 to June 2, 2015, which took students to Venice and Rome in Italy, and Delphi and Athens in Greece.

Community Outreach Supports CASA Program Recruitment



The Adopt-A-Pilot program held at the SIU Transportation Education Center (TEC) was sponsored by Southwest Airlines. John Hallock, a captain at Southwest Airlines and graduate of Aviation Management and Flight '93, brought the 5th grade class from Nashville, Illinois.



The Information Systems and Applied Technologies (ISAT) degree programs host numerous school groups throughout the year to learn about web design applications and cybersecurity.



The Automotive Technology and Aviation Management and Flight degree programs offered special badge experiences for the Greater St. Louis Area Council of the Boy Scouts of America.



CASA hosted the southern qualifier of the First Tech Challenge (FTC) Robotics Competition, with 23 teams of junior high and high school students from three states – along with their parents, coaches, mentors and numerous volunteers – filling the SIU Transportation Education Center for the day.



The Women in Aviation group held a special event with area Girl Scouts which allowed girls to experience being a pilot in the cockpit through the help of the airplane simulators (left). The event fostered mentoring relationships with AVM&F faculty and students.

The School of Allied Health (right) hosted an Upward Board college-to-career discussion, which highlighted jobs in mortuary science and funeral service, and other fast-growing careers.



State of the College Report

In Closing

The College of Applied Sciences and Arts is positioned for steady growth in demand for our on-campus, online and extended-campus degree programs by learners and industries dependent on our skilled graduates. Support for our CASA programs, faculty, students and graduates by our SIU alumni and friends remains an essential component of our success. Thank you to our talented and committed faculty, staff, students and alumni who continue to help SIU and our College of Applied Sciences and Arts meet the educational needs of our region year after year.

Andy Wang, Ph. D.
Professor and Dean

