



SOUTHERN ILLINOIS UNIVERSITY

March 21, 2013

Member of the Board Academic Matters Committee
Donna Manering

The Academic Matters Committee will meet at 9:00 a.m. on Wednesday, April 3, 2013, in Ballroom B in the Student Center at Southern Illinois University Carbondale.

The following items are suggested for the agenda:

1. Approval of the Minutes of the December 13, 2012, Meeting (enclosure)
2. Information Report: *Success at Southern Illinois University / Fiscal Year 2012 Performance Report* (This report was mailed with the packet for the February 28, 2013, meeting. Please let me know if you need another copy.)
3. Endorsement of Pathways to Excellence: A Strategic Plan, SIUC (Board Agenda Item OO)
4. Presentation: *Voices – Musical Selections by Students and Faculty from the SIUC School of Music*
 Singers: Jeanine Wagner, Director, School of Music
 Vincent Hale, Research Assistant, School of Music
 Madalyn Mentor, Teaching Assistant, School of Music
 Allison Spiller, Undergraduate Assistant, School of Music
 Pianists: Margaret Simmons, Professor Emerita, School of Music
 Paul Transue, Assistant Professor, School of Music
5. Other Business

I look forward to seeing you at the meeting.

Sincerely,

Paul D. Sarvela
Vice President for Academic Affairs

/am

Enclosure

cc: Jesse Cler	Marquita T. Wiley	Constituency Heads
David Hamilton	Glenn Poshard	Other Interested Parties
Roger Herrin	Rita Cheng	
Don Lowery	Julie Furst-Bowe	

Office of the President, Stone Center - Mail Code 6801, 1400 Douglas Drive, Carbondale, Illinois 62901

BOARD OF TRUSTEES

SOUTHERN ILLINOIS UNIVERSITY

Minutes of the Academic Matters Committee Meeting

December 13, 2012

The Academic Matters Committee met at 9:02 a.m. on Thursday, December 13, 2012, in Ballroom B in the Student Center at Southern Illinois University Carbondale. Present were: Donna Manering, chair pro tem, Ed Hightower, and John Simmons. Other Board members present were: Jesse Cler, David Hamilton, Roger Herrin, Mark Hinrichs, Don Lowery, and Marquita Wiley. Executive Officers present were: President Glenn Poshard; Chancellor Rita Cheng, SIUC; Chancellor Julie Furst-Bowe, SIUE; Vice President Paul D. Sarvela; and Senior Vice President Duane Stucky.

Minutes

Motion was made by Trustee Ed Hightower to approve the minutes of the November 8, 2012, meeting. The motion was duly seconded by Trustee Donna Manering and passed by Committee.

Recommendation for University Distinguished Service Award, SIUC [Ella Phillips Lacey] (Board Agenda Item J)

Recommendation for University Distinguished Service Award, SIUC [Pamela Pfeffer] (Board Agenda Item K)

Recommendation for University Distinguished Service Award, SIUC [Philip Pfeffer] (Board Agenda Item L)

Recommendation for Honorary Degree, SIUC [Robert Murphy] (Board Agenda Item M)

Chancellor Rita Cheng commented on the accomplishments of Ella Phillips Lacey, Pamela Pfeffer, Philip Pfeffer, and Robert Murphy. She recommended that Distinguished Service Awards be granted to Dr. Lacey, Mrs. Pfeffer, and Mr. Pfeffer, and that an honorary Doctor of Humanities degree be awarded to Dr. Murphy.

Recommendation for University Distinguished Service Award, SIUE [Jerry and Mary Kane] (Board Agenda Item N)

Chancellor Julie Furst-Bowe commented on the accomplishments of Jerry and Mary Kane. She recommended that the Distinguished Service Award be granted to Mr. and Mrs. Kane.

Trustee Ed Hightower recommended approval of Board agenda items J through N and that they be placed on the Board's omnibus motion. The motion was duly seconded and was passed by the Academic Matters Committee.

Presentation: *The SIU Debate Team*

Todd Graham, Director of Debate, and student debaters Mike Selck, Sid Rehg, Ben Campbell, and Josh Rivera gave a presentation about the SIU Debate Team. Dr. Graham noted that over the holidays, SIU will take a team to Berlin to debate at the World Debating Championships, where 75 countries will be represented.

Other Business

Having no further business before it, the Academic Matters Committee adjourned at 9:50 a.m.

PDS/am

SUCCESS
AT
SOUTHERN ILLINOIS UNIVERSITY

FISCAL YEAR 2012
PERFORMANCE REPORT

SUBMITTED BY THE
OFFICE OF ACADEMIC AFFAIRS
TO THE
SOUTHERN ILLINOIS UNIVERSITY BOARD OF TRUSTEES
FEBRUARY 2013

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SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY

In 2009, the Illinois Board of Higher Education adopted the *Illinois Public Agenda for College and Career Success*. The *Illinois Public Agenda* is the strategic plan for higher education in Illinois.

The plan, which was based on input from multiple stakeholder groups representative of the people of the state of Illinois, challenges public universities to:

- Increase educational attainment to match best-performing states.
- Ensure college affordability for students, families, and taxpayers.
- Increase the number of high-quality postsecondary credentials to meet the demands of the economy and an increasingly global society.
- Better integrate Illinois' educational, research, and innovation assets to meet economic needs of the state and its regions.

In 2010, the Illinois Board of Higher Education reaffirmed the goals of the *Illinois Public Agenda* and outlined a communications plan and accountability reporting system used to share information regarding progress in attaining *Illinois Public Agenda* goals with stakeholders. In 2012, IBHE implemented for the first time a performance funding model to determine in part the allocation of funds to Illinois public universities. This process has increased the importance of the *Illinois Public Agenda*, because many of the variables in the performance funding model are related to *Illinois Public Agenda* goals. For these reasons, it is important for universities to share with stakeholders their achievements as they relate to the *Illinois Public Agenda* goals.

This report documents the efforts of Southern Illinois University faculty, staff, and students, and the University's regional and statewide partners, as they relate to the four goals outlined in the *Illinois Public Agenda*. Although only a sample of the work completed in FY 2012 can be presented in this report, the document provides an overview of the educational programs, research and scholarly activities, and community service that Southern Illinois University provides the people of Illinois.

GOAL 1: Increase Educational Attainment to Match Best-Performing U.S. States and World Countries

PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION 1: Increase success of students at each stage of the P-20 education pipeline to eliminate achievement gaps by race, ethnicity, socioeconomic status, gender, and disability.

RECOMMENDATION 2: Increase the number of adults, including GED recipients, reentering education and completing a postsecondary credential.

RECOMMENDATION 3: Reduce geographic disparities in educational attainment.

STUDENT SUCCESS

RECOMMENDATION 1

- SIU served approximately 2,185 children in its Head Start programs in Jackson, Madison, St. Clair, and Williamson Counties in FY 2012.
- SIU served approximately 473 people at the East St. Louis Center in FY 2012.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY

- SIU reached 3.2 million people, including preschool through university students and their teachers, with free educational services through public media during FY 2012.
- SIU partnered with three school districts, the Boys and Girls Club, and Illinois Masonic Children's home in the Land of Lincoln AmeriCorps program. Ten students participated in the program and completed over 80 hours of training, conferences, and professional development. These 10 students assisted more than 500 children in our region and contributed over 8,000 hours in tutoring and mentoring.
- SIU operated one charter school and partnered with 308 teacher education partnerships in 197 schools in 74 districts in FY 2012. In FY 2012, SIU placed 1,493 teacher education students in these partnership schools.
- SIU has 298,539 living alumni who have benefited from an SIU education.
- Approximately 25 percent of the total SIU student population is minority (Black, 16 percent; Hispanic, 4 percent).
- Forty-nine percent of SIU's population is female students.
- SIU confers more than 8,236 degrees annually.

ADULTS REENTERING EDUCATION

RECOMMENDATION 2

- Through SIU in FY 2012, regional citizens earned 2,454 CEUs (Continuing Education Units) and 377 CPDUs (Continuing Professional Development Units); 1,498 students enrolled in 117 ILP (Individualized Learning Program) courses; and 5,432 students enrolled in 363 Web-based online semester courses.
- SIU offered 54 baccalaureate completion programs at Illinois community colleges, including two online nursing programs, an online information system technology program, and an online business administration program.
- SIU Student Services provided career services, counseling, disability support, and other services to assist adults reentering education.

GEOGRAPHIC DISPARITIES

RECOMMENDATION 3

- SIU offered approximately 27 capstone programs with community college partners in FY 2012.
- SIU participated actively with community colleges via the SICCM and SIHEC consortia.
- SIU provided degree programs and courses at 41 off-campus sites in Illinois in FY 2012.
- SIU is a charter member of the University Center of Lake County and provided eleven degree completion programs at the center, six degree completion programs online, and one certificate program online in FY 2012.
- Eighty-three percent of SIU's students come from Illinois.
- SIU enrolled 4,149 out-of-state students and 1,641 international students.

GOAL 2: Ensure College Affordability for Students, Families, and Taxpayers

PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION: Make Illinois one of the five most affordable states in the country to get a college education.

- Federal, state, institutional, and private scholarships, loans, and employment provided more than 31,500 students, or 81 percent of the student population, with a total of \$448 million in support in FY 2011.
- SIU provided approximately \$162 million in grants, scholarships, and waivers to more than 20,206 students, or 64 percent of the financial aid-eligible student population, in FY 2011.
- SIU provided over \$46 million in wages to more than 6,680 students through student work programs in FY 2011.
- SIU has been traditionally an affordable university that provides a quality education at a reasonable price. FY 2012 new entering freshman tuition: SIUC – \$7,794; and SIUE – \$6,630. SIU’s medical school tuition and fees are comparable to other community-based medical schools.
- SIU provides housing at the national average cost.

GOAL 3: Increase the Number of High-Quality Postsecondary Credentials to Meet the Demands of the Economy and an Increasingly Global Society

PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION 1: Increase the number of people with high-quality postsecondary credentials to ensure the state has an educated workforce and an engaged citizenry.

RECOMMENDATION 2: Improve transitions all along the education pipeline.

RECOMMENDATION 3: Increase the number of postsecondary degrees in fields of critical skills shortages.

HIGH-QUALITY POSTSECONDARY CREDENTIALS

RECOMMENDATION 1

- SIU has a graduate and professional enrollment of 7,624.
- SIU confers more than 2,200 graduate and professional degrees annually.
- SIU assures the quality of its education through 74 national and regional accrediting agencies.
- All degree programs are involved in multi-level (classroom, discipline, and program) assessment to ensure quality.
- SIU makes extensive use of external reviewers to evaluate academic programs.
- Faculty continually monitor and assess the critical thinking, written and oral communication, and computational skills of students in their core curriculum.
- At least 119 external advisory boards are utilized to identify internships, job opportunities, best practices, curriculum relevance, and development.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY

IMPROVE TRANSITIONS

RECOMMENDATION 2

- SIU offers preparatory programs for various professional careers.

FIELDS OF CRITICAL SHORTAGES

RECOMMENDATION 3

- SIU student performance on professional licensing exams was better on average than the state and national averages. Exam results are factored into program evaluation.
- Nursing enrollment has increased to 657 undergraduate and 238 graduate students.
- Pharmacy enrollment continues to increase, enrolling 322 students.
- Special education student enrollment is 228 undergraduates and 68 graduate students.

GOAL 4: Better Integrate Illinois' Educational, Research, and Innovation Assets to Meet Economic Needs of the State and Its Regions

PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION: Boost Illinois into the ranks of the five states with the fastest growing economies.

- SIU had an FY 2012 budgeted payroll of \$484 million, with employees generating approximately \$48 million to \$58 million in Illinois tax revenue each year.
- SIU's funding from grants and contracts passed \$138 million in FY 2012, with much of the dollars coming into Illinois from out of state.
- SIU provided jobs for more than 7,800 employees in Illinois in FY 2012.
- SIU provided medical, dental, and nursing care at clinics throughout southern Illinois. SIU physicians provided 532,700 patient visits in FY 2012.
- SIU provides southern Illinois with research, service, and training through its centers and institutes in diverse areas including agriculture, wildlife, coal, public policy, education, environment, archeology, broadcasting, and community services.
- More than 551 full-time-equivalent employees provided public service to individuals and organizations outside the University in FY 2012.
- SIU received approximately \$18 million in private giving in FY 2012.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

Mission Statement

Southern Illinois University Carbondale, now in its second century, is a major public higher education institution dedicated to quality academic endeavors in teaching and research, to supportive programming for student needs and development, to effective social and economic initiatives in community, regional, and statewide contexts, and to affirmative action and equal opportunity.

Enrolling students throughout Illinois and the United States and from a large number of foreign countries, SIU Carbondale actively promotes the intellectual and social benefits of cultural pluralism, encourages the participation of non-traditional groups, and intentionally provides a cosmopolitan and general education context which expands student horizons and leads to superior undergraduate education.

Seeking to meet the educational, vocational, social, and personal needs of its diverse population of students and helping them fully realize their potential is a central purpose of the University. Emphasis on accessibility and regional service which creates distinctive instructional, research, and public service programs also gives SIU Carbondale its special character among the nation's research universities, and underlies other academic developments, such as its extensive doctoral programs and the Schools of Medicine and Law.

Committed to the concept that research and creative activity are inherently valuable, the university supports intellectual exploration at advanced levels in traditional disciplines and in numerous specialized research undertakings, some of which are related directly to the southern Illinois region. Research directions are evolved from staff and faculty strengths and mature in keeping with long-term preparation and planning.

Even as SIU Carbondale constantly strives to perpetuate high quality in both instruction and research, it continues a long tradition of service to its community and region. Its unusual strengths in the creative and performing arts provide wide-ranging educational, entertainment, and cultural opportunities for its students, faculty, staff, and the public at large. Its programs of public service and its involvement in the civic and social development of the region are manifestations of a general commitment to enhance the quality of life through the exercise of academic skills and application of problem-solving techniques. SIU Carbondale seeks to help solve social, economic, educational, scientific, and technological problems, and thereby to improve the well-being of those whose lives come into contact with it.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

GOAL 1: Increase Educational Attainment to Match Best-Performing U.S. States and World Countries

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COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION 1: Increase success of students at each stage of the P-20 education pipeline to eliminate achievement gaps by race, ethnicity, socioeconomic status, gender, and disability.

RECOMMENDATION 2: Increase the number of adults, including GED recipients, reentering education and completing a postsecondary credential.

RECOMMENDATION 3: Reduce geographic disparities in educational attainment.

Southern Illinois University Carbondale has made great strides in increasing its responsibility to sustainability over the past year. The physical environment, organizational structure, and fiscal health of the University are set to be in better shape for those who will follow. Renovation projects, modifications of energy usage, and even placement of more recycling bins have begun to solidify our dedication and commitment to a greener campus. Construction projects such as the new Student Services Building which broke ground this year, will offer improved services for our students. Most importantly, the new Transportation Education Center opened for operations this fall. The new geothermal facility will provide great opportunities for instruction, research, and recruitment. The TEC is SIU Carbondale's first LEED-certified building. LEED stands for Leadership in Energy and Environmental Design. LEED-certified buildings are designed to lower operating costs and increase asset value, reduce waste, conserve energy and water, be healthier and safer for occupants, and reduce harmful greenhouse gas emissions.



STUDENT SUCCESS

RECOMMENDATION 1

Initiatives are in place at SIU Carbondale for continued development and expansion of programs dedicated to student success. Practices to establish a foundation for new

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students that will continue to have an impact throughout their educational career have been implemented through University College.

Student Success Courses

- Increased the delivery of student success courses from 20 to 95+ sections of UCOL 101 Foundations of Inquiry, now required of all first-year entering students.
- New Student Programs hired, trained, and empowered 100 continuing students as Saluki Peer Mentors (SPM) to support the overall transition and retention of new first-year students in an engaging, meaningful mentor relationship focused on the development of academic and personal skills essential for success during the first year at SIU Carbondale.
- To provide additional support for retention and persistence, an SPM was assigned to each of the 95+ sections, to attend classes and to meet with students outside of the class.
- The UCOL 101 curriculum and pedagogy were revised to follow a student developmental model incorporating student attitudes and stressors indicated by the Wellness Center.

Early Intervention System (EIS)

- To identify students experiencing difficulty, EIS continued to track attendance in freshman-heavy courses including English, speech communication, and University College 101.
- For fall 2012, entry-level courses in mathematics were added to the EIS, tracking progress in Math 107, 108, and 113.
- Students identified as having academic difficulty were contacted by their math graduate assistant (GA), their UCOL 101 Saluki Peer Mentor, and their Academic Advisor; those having attendance difficulty were contacted by their Saluki Peer Mentor and Learning Support Services.
- During AY 11-12, 5,700 students were contacted.

Learning Support Services

- Learning Support Services provided academic tutoring free of charge to accommodate students of all races, ethnicities, socioeconomic status, genders, and abilities/disabilities.
- Staffed three math labs.
- During AY 11-12, served 1,600 students through group study sessions.
- Tutoring and group study sessions (previously Supplemental Instruction) showed retention rates 20 percent higher than the institutional average (87-92 percent compared to 67-70 percent).
- Four-year graduation rates were typically 9 percent higher than the institutional average (29-38 percent compared to 20-26 percent).

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- Six-year graduation rates were typically 20 percent higher than the institutional average (63–66 percent compared to 43–45 percent).

First Scholars Program

- Retained 18 of the 19 eligible scholars from fall 2011 to spring 2012.
- All scholars earned a 2.5 GPA or above for fall 2011, with 12 of the 18 returning scholars earning a 3.0 or above, and 4 of those 12 making it onto the Dean's List for their college.
- The scholars averaged higher fall 2011 GPAs and were retained at a higher rate than other self-identified first-generation freshmen at SIU, and higher than the overall freshman class, as displayed in the graphic below.
- Both cohorts were approximately 75 percent female, while our institution's overall undergraduate enrollment was approximately 34 percent female.
- The racial and ethnic representation of the two cohorts consisted of approximately 43 percent minority students, while our institution overall had an undergraduate minority enrollment rate at approximately 29 percent.
- The scholars averaged higher spring 2012 and cumulative SIU GPAs, and were in good academic standing with the University at a higher rate than the entire freshman class as well as the self-identified first-generation freshmen at SIU, as displayed in the graphic below.
- Retained 17 of 18 eligible scholars from spring 2012 to fall 2012 (continued retention rate of approximately 94 percent for the program, a striking improvement over the institution's retention rate from first to second year).

	Spring 2012 GPA	Cumulative SIU GPA	Retention from Fall to Spring	Probation Status after Spring 2012	Suspended after Spring 2012
SIU First Scholars	2.643	2.877	94.74%	5.56%	0.00%
First-Gen SIU Freshmen	2.276	2.208	83.05%	8.78%	20.50%
All SIU Freshmen	2.323	2.265	83.93%	8.48%	17.81%

Student Support Services

- Created to ease the financial burden of attending college, the TRiO SSS Program offers a textbook loan library that allows students to check out textbooks for the semester. During fall 2012, \$6,701.17 was appropriated to provide 56 students with textbooks. Students can use this service throughout their undergraduate career.

University Honors

- Three SIU Carbondale students are among just 60 nationwide named to the annual *USA Today* All-USA College Academic Team. Lee Stewart of Dowell, a political science major, and Jessica Stout of Taylorville, a physiology major, each

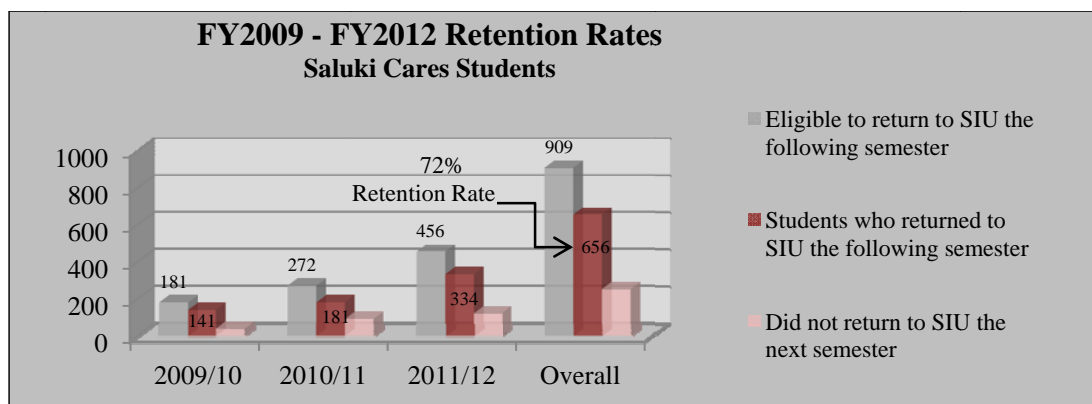
SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

have a place on the “First Team” as defined by *USA Today*, and Jordan Kabat of Waltonville, a 2011 mechanical engineering graduate, is on the third team. All three are University Honors students and Presidential Scholars. SIU is the only university in the nation to place two students on the First Team. Other students on the First Team hail from such universities as Rice, Cornell, the Naval Academy, Northwestern, and the University of California at Berkeley.

Saluki Cares

By working closely with faculty, staff, students, and their families, SIU Carbondale displays a culture of caring by demonstrating to our students and families that they are an important part of the community. Saluki Cares is an early alert initiative composed of professionals from different areas of campus life who work with students on a regular basis. Referrals are made from faculty, staff, parents, or other students, or by the student him/herself. The Saluki Cares team supports students with issues surrounding, but not limited to: adjustment issues, academic performance concerns, homesickness, financial stress, deaths, (student/family), extended illnesses, general welfare concerns, and other signs of stress.

- Represents a radical, cultural shift that starts to redefine the way SIU Carbondale engages with students.
- Saluki Cares Tuition Waiver Awards in FY12 = \$17,900; Saluki Cares Book Stipends Total Awarded FY12 = \$4,300. *Special thanks to the Alumni Association.
- Saluki Cares served 456 students during the 2011-2012 academic year.



Disability Support Services

SIU Carbondale has a long history of excellence in serving the needs of students with disabilities. Disability Support Services (DSS) is responsible for providing academic support services, including but not limited to test proctors, note takers, lab assistants, interpreters, and adapted textbooks and course materials. Overall, services offered through DSS reach virtually every aspect of the University, most noticeably classroom

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settings, and are directly tied to retention and degree attainment for students with disabilities. In the past year, DSS has:

- Served 545 students with permanent and temporary disabilities.
- Administered and proctored 1,735 academic exams.
- Converted 319 textbooks into electronic or alternative format.

Additional Student Success efforts by college include:

College of Applied Sciences and Arts

- The Federal Aviation Administration selected SIUC as an affiliate institution in the new General Aviation Center of Excellence.
- SIUC Flying Salukis Intercollegiate Flight Team placed third in the nation at the National Intercollegiate Flying Association national championships in May 2012 (28 teams competed).

College of Business

- In order to improve the success of incoming students, the College of Business provided instructors for seven sections of UCOL 101B, serving approximately 165 new freshmen.

College of Education and Human Services

- Collaborated through a formal Professional Development School (PDS) model with four area school districts, in part to help local schools improve student academic success.
- Department of Educational Administration and Higher Education hosted two annual professional development conferences for school administrators in the bottom 33 counties. These conferences impacted over 300 local administrators.
- Collaborated with Egyptian School District with professional development workshops, a master's degree cohort in Teacher Leadership and a summer program for high school youth in an effort to improve student achievement and teacher performance.

College of Liberal Arts

- English Chair Michael Molino and faculty created a new pilot program that focused on a small group of at-risk students in English 101 composition courses. The new hybrid approach achieved remarkable results. The normal success rate in English 101 among Center for Academic Success students was 70 percent. The pilot success rate was 95 percent. The results led to the implementation of the teaching approach into all 107 sections of English 101.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

- A collaboration between the English department and Curriculum and Instruction used software to complement teaching and learning. Offering readings in both courses can possibly promote student success in writing courses and help students see the connection between the two subjects.

College of Mass Communication and Media Arts

- Radio-Television developed a new specialization in Broadcast Sports and the School of Journalism developed a specialization in Sports Journalism in response to growing workforce needs, the many sports cable networks, and students' interests. Radio-TV students are already involved in sports-related production on campus, including managing all visual productions for the Scoring Board during home-games.
- The School of Journalism instituted a detailed assessment plan to ensure that students achieve important competencies that the school and its accreditors consider important. The competencies are writing, grammar, law, and ethics. Their assessments show steady improvements. Every student is creating an online portfolio that will be assessed at the student's halfway point and upon graduation. This will help them assess the student learning outcomes and also give the student a portfolio with which to get a job or internship.

College of Science

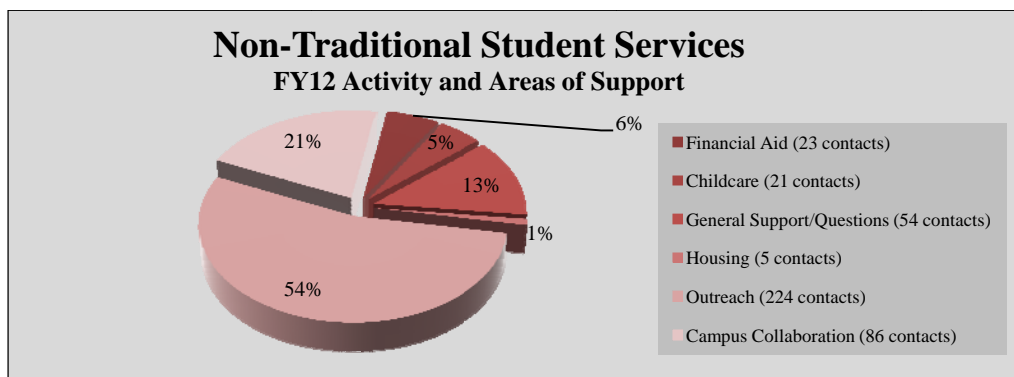
- Developed grants both from the State of Illinois and from the federal government to establish partnerships with K-12 schools and community colleges to improve science teaching pedagogy and the quality of science content provided in K-12 curricula by our partner teachers. Over \$4 million in science and education and training grants were active in 2011-2102, including IGERT (NSF), NOYCE (NSF), Southern Illinois Partnership for Achievement in Math and Science (IBHE), Partnership for Improved Science Instruction and Achievement through Computational Science (ISBE), SIU Carbondale Elementary SMART (ISBE), A Community of Problem-Solvers (NSF), and a renewed McNair Scholars Program.
- Internally, the Departments of Chemistry and Mathematics have instituted assistive technology-based learning laboratories for introductory courses in their respective programs, with great success in terms of improving student learning outcomes and overall educational attainment in these courses by a full letter grade in Math 107 and 108, and in Chem 200A and 210, major gateway courses to students in STEM fields.

ADULTS REENTERING EDUCATION RECOMMENDATION 2

SIU Carbondale established the office of Non-Traditional Student Services/Single Parent Programs to serve SIU's adult student population through guidance, support, and resource referral to enhance educational experiences from the point of entry to degree completion.

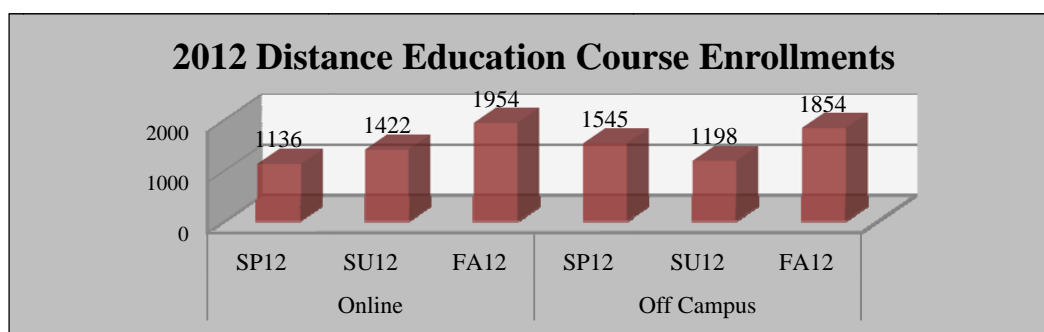
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- Provided two scholarships for SIU’s non-traditional students:
 - Non-traditional Student Services Activity Scholarship for a non-traditional exhibiting need, academic progress, and campus involvement.
 - Piper McMahan Endowed Scholarship for a current non-traditional, non-freshman undergraduate enrolled full time with a high school degree from Jackson County, Illinois.
- Implemented strategies to connect with students:
 - Established a student-led organization, Association of Non-Traditional Students, dedicated to building a sense of community among and increasing scholarship opportunities for SIU’s adult student population.
 - Developed electronic news communication sent monthly to nearly 5,000 students.
 - Provided general support, outreach, and resource referral pertaining to childcare, financial aid, and housing through over 400 individual student and campus contacts (see graphic, below).



It is the intention of Distance Education and Off-Campus Programs to provide high-quality programs to a culturally diverse student population through distance education systems. Outcomes of campus reorganization to expand online courses and programs are listed below.

- Offered 119 online courses and 149 off-campus courses during fall 2012.
- Offered undergraduate and graduate degree programs on 24 military bases and multiple civilian sites focused on adult learners and military students.



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College of Business

- The online BS degree in Business Administration completed its first full year of operation, doubling its enrollment. This program allows students with an AA degree to complete a BS degree without relocating and incurring all of the associated costs.
- The online MBA program enrolled its fourth cohort and doubled in size. The average age of online MBA students is 37, ranging from 24–58 years old, with an average of 14 years of business experience.

College of Education and Human Services

- Conducted a Grow Your Own (GYO) undergraduate degree program for “non-traditional” special education students in conjunction with Shawnee Community College. The program continues and now has 13 candidates enrolled at SIU Carbondale; five additional candidates are enrolled at Shawnee Community College. In 2009 there were three enrolled at SIU Carbondale.
- Offered a Workforce Education and Development undergraduate degree program on 13 military installations and one civilian site, focused on non-traditional students (adults) who return to school to complete their bachelor’s degree.
- Department of Workforce Education and Development began delivery of a master’s degree program, with a human resource development focus, in Southern California (Riverside) to help non-traditional students in that state complete a graduate degree for promotion and career advancement purposes.
- Off-campus cohorts in the Elementary Education department are particularly geared to re-entering adults, by offering many of the courses in the evening and on weekends.

College of Mass Communication and Media Arts

- The college provides a veteran-friendly atmosphere that supports returning veterans in the classroom and beyond. The School of Journalism is providing additional education and training for newsroom professionals returning to upgrade their skills and to get a deeper knowledge of media ethics and law. This year a retired Air Force colonel wrote a series of published stories on the mental health problems of returning vets.

GEOGRAPHIC DISPARITIES RECOMMENDATION 3

Emphasis continues upon the importance of serving the place-bound adult learner as part of the distance education strategic plan for the University. The University recently applied for and received an American Council of Education award to target place-bound adult learners attending academic military and civilian programs. This award will promote distance education and coordinate supporting place-bound adult learners

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through a single point of contact, including an online academic advisement tool to complement efforts to grant degree credit for prior training or military experience. Initiated in 2012, New Online Program Development Funding awarded to develop five online certificates and one online master's degree.

Fall 2011 Distance Education Enrollments and Course Transitions		
Online and Off-Campus Courses Transferred to Academic Units	Off-Campus Student Enrollment	Online Student Enrollment
31	2002	405

Undergraduate Admissions

- SIU partners with local high schools and the Illinois Association for College Admission Counseling (IACAC) to host a regional Illinois College Exposition, serving students of far southern Illinois. Grants from IACAC reimburse regional high schools for busing their students to the event, and outreach by the Undergraduate Admissions Office promotes preparation among attending high school students through college-readiness presentations at the high schools in the weeks prior to the program.

College of Agricultural Sciences

- Over the last few years the SIU College of Agricultural Sciences has significantly increased online offerings in Animal Science, Agricultural Systems Technology, Biotechnology, and Hospitality and Tourism Administration. This includes new online certificate programs in Events Planning and Management, Companion Animal Nutrition, Food and Beverage Management, and Urban Ecological Landscape Design. The Events Planning and Management Certificate is also now offered at the University Center of Lake County north of Chicago. Efforts are under way to expand these online offerings.

College of Business

- Summer 2012 College of Business courses were made available online to residential students. Online course offerings allowed students to make progress towards their degrees from any location.
- The College of Business approved an online-completion option for off-campus, non-Business degree seeking students to complete the following Business minors: Business Administration, Management, and Marketing.
- The online MBA program has significantly extended its "reach": online MBA students hail from 16 states and American Samoa.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

College of Education and Human Services

- Overall, the college maintained off-campus programs with four community colleges in southern Illinois (Kaskaskia, Rend Lake Marketplace, Shawnee, and Southwestern Illinois) as well as in Belleville, Benton (Jefferson-Franklin Special Education District), Libertyville, the University Center of Lake County, and 14 military bases across the country.
- Health Education program offered six different online courses including Driver Task Analysis, Introduction to Biostatistics, and Injury Prevention and Safety.
- Rehabilitation Institute collaborated with school districts in the Metro East area and with developmental centers in Anna, IL, and Centralia, IL, to deliver autism treatment services and treatment for other developmental disabilities.
- Evaluation and Developmental Center (in the Rehabilitation Institute) is funded to provide job placement services in southern Illinois and to upgrade the only disabled driver education program in southern Illinois.
- Conducted a summer program for Egyptian High School students in an effort to improve student achievement and to motivate the students to begin planning for admission to an institution of higher education.

College of Mass Communication and Media Arts

- Continued to develop undergraduate and graduate courses that are offered online. The School of Journalism is developing a certificate program in journalism aimed mainly at students in a variety of professions who want to develop these skills as well. In addition, the graduate program is developing an online certificate program for communication officers in non-governmental organizations (NGO) in response to the growing needs of these organizations worldwide to employ professional communicators to advance their goals. As far as we are aware, this will be the first certificate of its kind.

GOAL 2: Ensure College Affordability for Students, Families, and Taxpayers

**PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION**

RECOMMENDATION: Make Illinois one of the five most affordable states in the country to get a college education.

Providing outstanding educational opportunity in a cost-effective and productive way reduces disparities within achievement by race, ethnicity, and socioeconomic status, and remains a focus of our University. Continued distance education program expansion with consistent in-state tuition rates creates affordability for low-income families as well as the place-bound adult student. Rate consistency will enhance the University's ability to provide place-bound adult learners to be successful with degree and certificate completion.

SIU Carbondale met the needs of low-income students and provided research-funded opportunities through the provision of scholarships and recent endowments. SIU

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

Carbondale also offered an alternate tuition rate for students from the states of Missouri, Indiana, Kentucky, Tennessee, and Arkansas. SIU Carbondale also offers an alternate tuition rate under the Geographic Enhancement Plan: Southern Illinois Talent Retention, to be known as the Southern Stars Tuition Rate. It provides that new, first-time freshmen from the 34 southern-most counties in Illinois who qualify for the Pell Grant and have taken a rigorous course of high school study be given an alternate tuition rate of 0.80 times the Illinois resident rate for four years, in accordance with Illinois Public Act 93-0228 (The Truth in Tuition Act).

- Southern Stars Alternate Tuition Rate students totaled 139
- Legacy Alternate Tuition Rate students totaled 701
- Border State Alternate Tuition Rate students totaled 784
- Saluki Scholarships provided to students with a financial aid gap equaled between \$1,000 and \$5,000 in assistance.

Financial Aid Office

- In 2011-2012, awarded \$5.07 million through the Illinois Veterans' Grant, Illinois National Guard, and MIA-POW awards to 771 students with \$1.8 million in reimbursement from the State of Illinois.
- Changed the packaging policy in the Financial Aid Office to better utilize the limited amount of institutional financial aid.
- Awarded over \$5.8 million in institutional grants in financial aid packages for 2012-2013.
- Awarded more than \$1.4 million in academic scholarships to 221 new, undergraduate students for 2012 fall semester, including 24 full-ride Chancellor's scholarships.
- Funded 170 undergraduate assistantship positions for 2012-2013.

College of Agricultural Sciences

- The College of Agricultural Sciences offers nearly \$200,000 in scholarships to agricultural-specific majors annually through the Heritage Scholarship Program, making it easier for families to afford a college education.

College of Applied Sciences and Arts

- AVMAF, via its Captain's Club Fundraising group, raised nearly \$39,000 toward aviation scholarships at its annual Aviation Scholarship Golf Scramble in June 2012. Through its departmental scholarship program through the SIU Foundation, AVMAF awarded over \$50,000 in scholarships to its students in the 2011-2012 academic year.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

College of Business

- The online MBA program has recently been ranked based on affordability and identified as a “Best Buy MBA” program.

College of Education and Human Services

- Granted approximately 70 college-wide and departmental scholarships totaling over \$150,000/year for undergraduate and graduate students.
- Employed six full-time academic advisors for on-campus programs and one full-time advisor for off-campus programs (besides the WED/military programs, which employ several more on its own).
- Rehabilitation Institute funded approximately 80 graduate assistantships in service delivery areas including autism, traumatic brain injury, mainstream rehabilitation, substance abuse rehabilitation, and correctional rehabilitation.

College of Mass Communication and Media Arts

- Distributed over \$36,000 in scholarships and tuition waivers to students last year. In addition, the college awarded \$17,758 to 21 students from the MCMA Student Emergency Fund. Increasing scholarship funds remains a focus of their development work to emphasize the need for scholarship endowments from alumni.

GOAL 3: Increase the Number of High-Quality Postsecondary Credentials to Meet the Demands of the Economy and an Increasingly Global Society

PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION 1: Increase the number of people with high-quality postsecondary credentials to ensure the state has an educated workforce and an engaged citizenry.

RECOMMENDATION 2: Improve transitions all along the education pipeline.

RECOMMENDATION 3: Increase the number of postsecondary degrees in fields of critical skills shortages.

HIGH-QUALITY POSTSECONDARY CREDENTIALS

RECOMMENDATION 1

All SIU Carbondale academic policies have undergone thorough review in the last year as an effort to better support student outcomes. Many of the policies had not been revised for many years and in some cases conflicted with each other. As a result of the year-long effort, we have implemented a number of academic policy changes. The new policies range in topic from GPA calculation, course limits, admission requirements, to student email and will help promote completion of degrees for students.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

College of Agricultural Sciences

- The demand for positions in the Food, Agriculture, Hospitality, and Renewable Resources sectors which the SIU College of Agricultural Sciences represents is very high. Enrollment in the College of Agricultural Sciences has increased 9.1 percent in the last five years.

College of Applied Sciences and Arts

- The Transportation Education Center, which supports the BS in Automotive Technology, the BS in Aviation Management, the BS in Aviation Technologies, and the AAS in Aviation Flight, is now open and will further enhance the student experience in all four of these degree programs.
- The Aviation Flight program is investing over \$2.4 million in new flight simulation equipment within the Transportation Education Center and has just invested \$1.5 million in new Cessna 172R aircraft with glass cockpits and an additional \$300,000 in the upgrading of existing Cessna 310R and 152 aircraft in the fleet. This is a \$4.2 million investment in equipment to support an already-excellent program, which supports the aviation industry in the state of Illinois and in the nation.
- The Aviation Management program is investing over \$500,000 in new air traffic control training equipment for the minor in Air Traffic Control. This is a major enhancement of both the AVM program and the ATC minor.

College of Business

- The College of Business is in the second year of offering Foundation Workshops in Business Fundamentals for people without an undergraduate degree in Business. Over 20 students have completed the workshops (offered before the fall and spring semesters in a boot-camp style). Although many of the students who complete this professional certificate program are intending to enroll in our on-campus MBA program, not all of the participants are looking for additional degrees. Rather, they want a certificate and the fundamental knowledge of how to run a business.

College of Education and Human Services

- Our programs enjoy noteworthy national rankings (among public and private universities) according to the *U.S. News and World Report*: Rehabilitation Counseling (RI) is #6; Workforce Education (WED) is #8; Communication Disorders and Sciences (RI) is #72; Social Work is #82; and the graduate programs (together) in Education are #71, up from #100 the year before (and ahead of many notable flagship institutions such as the University of Kentucky,

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

Iowa State University, Virginia Tech, University of Louisville, etc., and all programs in Illinois except Northwestern, University of Illinois at Urbana-Champaign, and University of Illinois at Chicago). Our doctoral program in Health Education was ranked a few years ago by a scholarly journal as #11 in the country.

College of Mass Communication and Media Arts

- Offered its students six experiential learning programs, five housed in the college and one in conjunction with the SIU Alumni Association. Last year, the College of Mass Communication and Media Arts placed 23 students in externships in five states (Illinois, California, Tennessee, Florida, and Georgia) as well as in Washington, D.C.
- Maintained five summer internship programs, known as the Studies Programs, in Hollywood (27 students), Chicago (8 students), New York (8 students), Nashville (7 students), and Washington, D.C. (1 student), for a total of 51 students. All of these programs are off-campus, residential programs except Chicago Studies, which does not have a housing component. In the 16-year history of the program, over 900 students have benefitted from involvement in the Studies Programs.
- Continued to meet annually with the Dean's National Industry Council, a group of alumni who evaluate programs from a media industries standpoint. The dean, associate dean, chairs, and directors discuss courses of study frequently with other alumni as well. The college routinely adds and modifies course offerings based upon this feedback.
- The Department of Cinema and Photography is the home of the Big Muddy Film Festival, the longest-running student film festival in the world. The department this year innovated a course in "Film Festival Studies," a rising sub-area of the discipline, taught by the graduate student assigned to assist faculty members in running the festival.
- Students in the School of Journalism's New Media News Production specialization learned to create and manage websites, a skill important to the Internet-based economy. The specialization's diverse, international faculty, including professors from Nigeria, India, and China, teach a broad view of the world and media coverage internationally.
- The Department of Radio-TV continued to train students in the live news broadcast River Region Evening Edition and other collaborations with WSIU, the public broadcasting station hosted in the college, and prepared them for the professional world with hands-on experience in the real broadcast world.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

IMPROVE TRANSITIONS

RECOMMENDATION 2

University College

New Student Programs

- Provided New Student Orientation for all incoming students (freshmen and transfer students) to meet the needs of self-identified populations (veterans, non-traditional, families/guests) and outreach of support for minority populations. For 2012, there was an 89 percent attendance rate at New Student Orientation, with a 95 percent enrollment rate from attendees at New Student Orientation.
- Provided intentional extended orientation programs during Saluki Startup (four days of transition/extended orientation programming immediately prior to the fall semester beginning) and Week of Welcome (the integration of new students with continuing students during the first week of the fall semester).
- Increased first-year student involvement in campus traditions: more than doubled participation in Saluki Spring, New Student Tailgate, and additional alcohol-alternative programming/events throughout the year including Dawg's Nite Out (four times during this academic year), Family Weekend, and Homecoming.

Student Support Services

- During AY 2011-2012, 22 students enrolled in the TRiO Student Support Services (SSS) Program graduated. Eighteen of the students were African-American and four were Caucasian. Of this group of graduates, 18 were female and four were males. Background characteristics of these students included 59 percent who were low income and first generation, 32 percent who were only first generation, and 9 percent were only low income.
- Currently, 150 students are enrolled in the program: 105 are both low income and first generation; 36 are first generation, and nine are low income.
- Of the 150 current students, 138 are African-American, nine are Caucasian, and three are Hispanic.

College of Agricultural Sciences

- Over 60 percent of the students in the College of Agricultural Sciences are community college transfers. Well-written articulation agreements and the Capstone program have made transitions between community colleges and SIU relatively seamless.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

College of Applied Sciences and Arts

- Articulation agreements have been developed this year between SIUC's Health Care Management program and several John A. Logan College associate degree programs. Other programs continue to maintain and initiate articulation agreements with regional community colleges.

College of Business

- The STARS (Steps Toward Academic Responsibility and Success) Program completed its first year of providing an integrated support network for students who have shown previous academic difficulties. The program was presented at the 2012 NACADA Annual Conference in Nashville, TN.

College of Education and Human Services

- Department of Workforce Education and Development's military programs employed three academic advisors, a customer service representative, a financial advisor, a work experience and technical training evaluator, and a program manager to ensure that students have a degree plan, a financial plan, and support to finish their degree program.
- Yearlong Student Teaching Internships and the Teaching Fellows Program facilitate better preparation and transitioning from the bachelor's to the master's degree and to a well-prepared classroom teacher.
- Rehabilitation Institute began collaboration with Shawnee Community College to train substance abuse counselors.

College of Mass Communication and Media Arts

- For the past several years, Kellogg Hall in Thompson Point has been designated an all-MCMA residence hall. Residents live and study together, furthering the interdepartmental involvement so important in today's digital age. Students continued to take advantage of the computer lab, which added newer versions of Final Cut Pro and Adobe Bridge, programs used in many of their courses.

Undergraduate Admissions

- Expanded SIU Carbondale Service Center services by adding seven full-time staff to serve local seven community colleges. Service Center coordinators coordinate fall and spring transfer days on the community college campuses, hosting representatives from various SIU colleges and programs, providing informational sessions, and assisting with application completion.
- A bilingual admissions coordinator was hired to assist Spanish-speaking families through the enrollment process and transition to SIU.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

FIELDS OF CRITICAL SHORTAGES

RECOMMENDATION 3

College of Agricultural Sciences

- Demand for majors such as Crop, Soil, and Environmental Management, Agricultural Education, and Agribusiness Economics is particularly high. The SIU College of Agricultural Sciences is well positioned to train this workforce.

College of Applied Sciences and Arts

- In an effort to prepare students for the global job market, the School of Allied Health and the School of Information Systems and Applied Technologies, have developed the *Saluki Global Classroom*, an Internet portal. Currently, there is a project under way with Finland and a dental hygiene faculty member.

College of Education and Human Services

- Reading Teacher Endorsement coursework and Reading Specialist certification program offered by the Department of Curriculum and Instruction.
- Math–science partnership grants, such as SMART and PIASICS, offer courses to teachers for the improvement of elementary and middle school math and science instruction and learning.
- The Department of Workforce Education and Development’s Career and Technical Education (CTE) Teacher Certification Program prepares teachers in: (a) Health Careers; (b) Business, Marketing, and Computer Education; (c) Family and Consumer Sciences; and (d) Technology Education. Agricultural Education, the fifth CTE area, is offered through the College of Agricultural Sciences. SIU Carbondale is the only institution in the state that prepares teachers in all five CTE areas. Few teachers are certified in these areas, even though jobs in these technical areas are in high demand for students finishing CTE courses and programs.

GOAL 4: Better Integrate Illinois’ Educational, Research, and Innovation Assets to Meet Economic Needs of the State and Its Regions

**PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION**

RECOMMENDATION: Boost Illinois into the ranks of the five states with the fastest growing economies.

In an effort to increase collaboration across campus and to aid in regional economic revitalization, the Office of Economic and Regional Development was assigned this past year to the Chancellor’s office. Housed in the Southern Illinois Research Park, the office is working to create and implement initiatives for University innovation. As the largest employer in southern Illinois, the University continues to have a major economic impact in the state and region. Below are statistics released last year from a collaborative study entitled “The Economic Impact of Southern Illinois University Carbondale in the

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

Region and the State of Illinois.” The study utilizes data from the previous fiscal year for compilation of economic impact on the state and region.

- For every \$1.00 appropriated by the state to SIUC, it generates roughly \$7.72 of economic activity annually to the state.
- SIUC contributes approximately \$8.14 billion in increased expected work life earnings for its graduates each year. Roughly half of that amount, or \$4.07 billion, gets circulated in the Illinois economy as 50 percent of SIUC graduates choose to stay in Illinois.
- SIUC contributes approximately \$859.1 million of total economic activity in the southern Illinois region and supports both directly and indirectly, 12,402 jobs generating \$551.5 million in personal income.
- Ultimately, each \$1.00 appropriated by the state to SIU Carbondale will return \$2.00 in the form of state and local taxes and generate \$46.00 of economic activity in the state
- SIU Carbondale had approximately 104,599 alumni working in Illinois.

Estimated Contribution of SIU Carbondale to the Economy			
	Direct	Indirect and Induced	Total
Expenditure	827.81 million	1,457.45 million	2,285.26 million
Employment	11,093	12,810	23,903
Labor Income	557.60 million	635.32 million	1,192.92 million

SIU Carbondale is keeping with its outreach and research missions by pursuing an aggressive program designed to upgrade the information technology infrastructure. The project includes an expansion of our bandwidth, network security, and hardware and wireless connectivity to our academic and student life buildings. We are also collaborating with the City of Carbondale on a grant proposal to bring additional fiber connectivity to the outlying areas of the campus. Better connections will provide security and quicker access to information while enhancing research capability. We have also implemented several policy changes to more effectively manage the vital research mission and strengthen the University. Many noteworthy faculty research accomplishments from the past year as well as current technology statistics at SIU Carbondale are noted below.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

2012 Faculty Research	
Publications	Conference Presentations
1,000 Journal Articles	583 Internationally
66 Books	1,000+ Nationally
139 Book Chapters	473 Regionally and Statewide
20 Productions	
60 Exhibitions	

Selected Technology Transfer Statistics			
Number of Inventions Disclosed	Licenses/ Options	U.S. Patent Applications Filed	U.S. Patents Issued
25	4	16	5

College of Agricultural Sciences

- The college is intimately involved in working with local produce producers to market and to better supply a crop of local foods in a sustainable manner.
- Innovative green technologies such as green roof construction and utilization, green walls, and other ecological landscapes are being tested and used to train students.
- A \$7 million grant from the Howard Buffet Foundation is being used to make traditional agriculture more sustainable and environmental friendly.

College of Applied Sciences and Arts

- The aviation and automotive departments are working with the Jackson Growth Alliance to leverage the assets of the Transportation Education Center (TEC) to attract new business and industry to the southern Illinois region. In addition, the development of the new TEC allows for the potential repurposing of the former automotive technology campus for economic growth.

College of Business (Online MBA Students)

- Completed full marketing plans for six local companies/organizations in spring 2012 (Jackson Growth Alliance, Southern Illinois Research Park, Carbondale Main Street, Bus to Chicago, Champion Investments, and Southern Illinois Credit Union).
- Completed full brand audits and brand positioning projects for five local companies and prospective local companies (Carbondale Main Street, SIU Communications Internal Branding, Southern Illinois Airport Authority, Saluki Hotel, Natural Med Apothecary).

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

- Collaborated with the Entrepreneurship and Business Development arm of the Office of Economic and Regional Development to create full promotional plans for five local small businesses (Kathleen's Bridal, Orderbolt Mobile App, Lill' Taste of Cuba, Little Egypt Brewery, Cool Spoons Frozen Yogurt) and ran/evaluated a one-month promotional campaign for the clients.
- Continued a long-standing relationship with Symrise, a major producer of flavors and fragrances. Students in the Product Development class do projects related to developing new flavors to evaluating the market potentiality of existing new product ideas.
- Worked with the Southern Illinois Research Park to assist in business plan creation and/or marketing plan creation with a number of university innovation initiatives that emerged out of the Operation Mousetrap program.

College of Education and Human Services

- The Illinois Innovative Delivery Education Alliance for Homeland Security (IDEA HS) awarded a grant for \$8,000 to fund development of the online course Disaster Preparation and Emergency Management for Families.
- Faculty member Dr. Beth Freeburg and students conducted an in-depth needs assessment for the Independent Electrical Contractors of Greater St. Louis that was used to evaluate their apprenticeship program that prepared commercial and residential electricians for the bi-state region.
- The International Laborers Union of North America contracted with the Workforce Education and Development department to provide an instructor preparation program for its trainers.
- ManTraCon looked to the WED department as a strong partner in its workforce development efforts during the plant closure period of Maytag/Whirlpool and Technicolor Universal Media Services (TUMS). WED conducted education fairs for displaced workers.

College of Engineering

- The College of Engineering is home to the Center for Embedded Systems (CES) that was established by the National Science Foundation as an industry/university partnership dedicated to developing a globally recognized center for embedded computing system technologies. In 2011, three new companies (General Dynamics, Hamilton Sundstrand, and Rockwell Collins) joined CES to conduct industry-relevant, multi-disciplinary research toward the design of embedded systems; develop clear and well-defined mechanisms to transfer the research results to industry; provide the nation with a cadre of scientists and engineers whose knowledge base and practical training covers a broad range of topics in embedded systems technology; and study the cross-disciplinary nature of embedded systems research that transcends the traditional computer science and electrical engineering boundaries.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

College of Mass Communication and Media Arts

- Initiated and led the Antarctica: Imagined Geographies interdisciplinary project that integrated research and creative work with community engagement and activism and resulted in 24 educational events on campus and in the community during spring 2012, including several prominent guests. The success of this project as a template for collaborations across campus and within the region has led the college to embrace the activities of Imagined Geographies as an on-going initiative.

Additional research and economic accomplishments:

- The Fisheries and Illinois Aquaculture Center received \$1.7 million for continued research on Asian carp, led by Director James Garvey.
- The Cooperative Wildlife Research Laboratory continues to be a top graduate research and education program in wildlife ecology. It brought in more than \$1 million in grants and contracts last year and currently supports nearly 30 graduate students. One of those students, Rachael Urbanek, was named Wildlife Student of the Year in 2011 by the North Central Section of The Wildlife Society.
- SIU Carbondale students volunteered more than 38,000 hours of service to assist non-profit organizations last fiscal year. More than 1,000 hours and contributions from over 160 students and faculty were made during the clean-up effort in the aftermath of the Harrisburg February 29th tornado. The School of Journalism raised over \$10,000 for the effort from the sale of “4:56A.M.”, a book depicting the story of the tornado’s tragedy.
- Construction began this year on the new Student Services Building. The facility will house 19 departments and offer improved services for our students, as well as present a wonderful front door to the campus. This visible improvement further maintains SIU Carbondale’s focus on student success.



Construction of the new Student Services Building at SIU Carbondale

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Mission Statement

Southern Illinois University Edwardsville is a public comprehensive university dedicated to the communication, expansion and integration of knowledge through excellent undergraduate education as its first priority, and complementary excellent graduate and professional academic programs; through the scholarly, creative, and research activity of its faculty, staff and students; and through public service and cultural and arts programming in its region.

Focus Statement

Southern Illinois University Edwardsville serves traditional college-aged undergraduate students, with many commuting from the surrounding area, as well as older, part-time, and minority students. The campus offers a balance of instruction, research, and public service programs consonant with its role as the only public university in southwestern Illinois. Southern Illinois University Edwardsville also administers the School of Dental Medicine at Alton and operates a center in East St. Louis. In addition to pursuing statewide goals and priorities, Southern Illinois University Edwardsville:

- offers undergraduate programs and master's programs encompassing instruction in the arts and sciences, education, social services, business, engineering, and the health professions in order to improve the quality of life, economy, health care, and environment in the greater St. Louis metropolitan area.
- emphasizes graduate-level programs that prepare practitioners and professionals in those fields that are particularly relevant to addressing the social, economic, and health-care needs of the region.
- focuses off-campus programs in southwestern Illinois, except in fields such as nursing in which the University is distinctly positioned to offer off-campus completion programs for the central and southern Illinois areas; addresses the need for dentists in the central and southern regions of the state through its School of Dental Medicine; and addresses the need for pharmacists in the central and southern regions of the state through its School of Pharmacy.

The vision statement of Southern Illinois University Edwardsville (SIUE) states that “Southern Illinois University Edwardsville, as a premier Metropolitan University, will be recognized nationally for the excellence of its programs and development of professional and community leaders” and clearly embraces the goals of the *Illinois Public Agenda*.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

GOAL 1: Increase Educational Attainment to Match Best-Performing U.S. States and World Countries

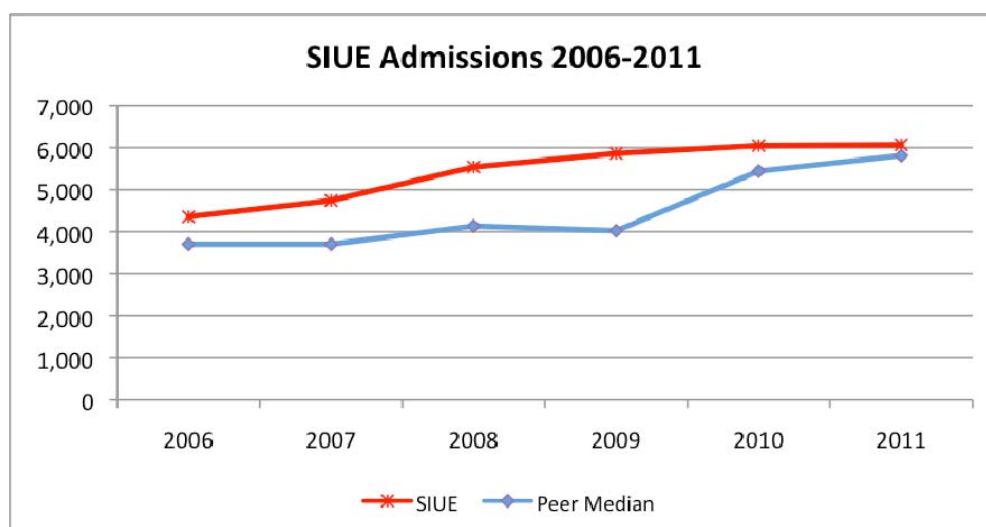
PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION 1: Increase success of students at each stage of the P-20 education pipeline to eliminate achievement gaps by race, ethnicity, socioeconomic status, gender, and disability.

RECOMMENDATION 2: Increase the number of adults, including GED recipients, reentering education and completing a postsecondary credential.

RECOMMENDATION 3: Reduce geographic disparities in educational attainment.

Through striving to realize its vision, SIUE attained notable recognition in the past year. Enrollment at SIUE reached an all-time high in fall 2011. Total enrollment climbed to 14,235, with the record undergraduate enrollment supported by a record freshman class of 2,060. This marked the fourth year of overall enrollment growth at SIUE. It is the seventh consecutive year of growth in the size of the freshman class that has increased by 18 percent since fall 2005. Every year since 2006, SIUE has admitted more students than its IBHE peers:



In addition to unprecedented growth, SIUE continued to be recognized for the quality of its programs and services to students. For the third consecutive year, *U.S. News & World Report* designated SIUE as one of the “up and coming schools” in the nation for “making the most promise and innovative changes in the areas of academics, and faculty and student life.” For eight consecutive years, SIUE was among the top 20 Midwestern master’s universities. The *Washington Monthly* ranked SIUE among the Top 50 master’s granting private and public colleges and universities for a second year. Rankings are based on institutions’ commitment to the public good in three broad areas: Social Mobility, Research, and Service. SIUE ranks at the top of its IBHE peers for federal funding of research grants and contracts. During the 2011–2012 academic year, the University’s faculty and staff were awarded \$34.2 million in external support for

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

conducting a wide range of scholarly inquiry and supporting teaching and service initiatives. SIUE received the FOCUS St. Louis *What's Right with the Region* award in the category of Improving Racial Equality and Justice for its work through the SIUE East St. Louis Center.

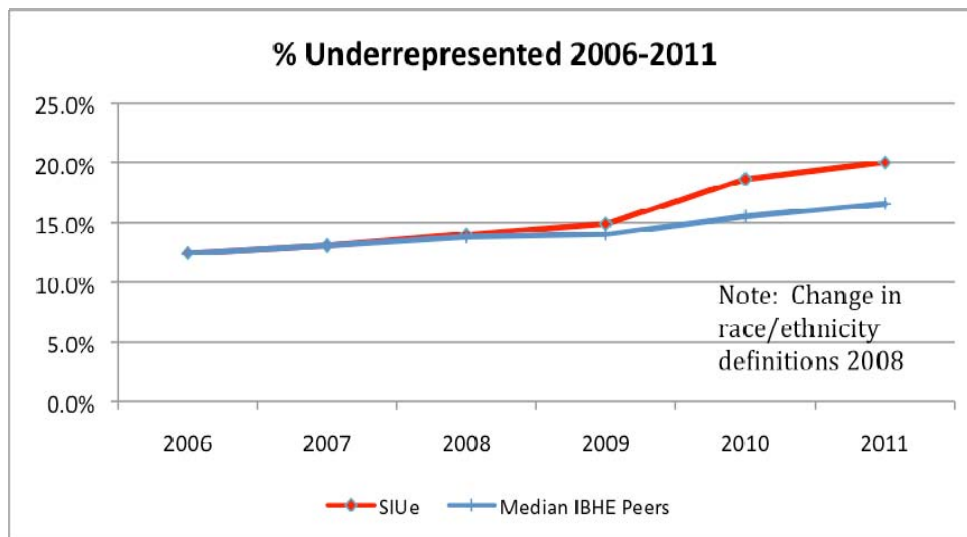
STUDENT SUCCESS

RECOMMENDATION 1

In recognition of its importance at SIUE, *Student Success* is one of the five Academic Affairs Imperatives. In support of this imperative, the University has established a Student Success Advisory Council and hired its first full-time Director of Retention and Student Success. The council and director are guided by a retention plan that is unique to SIUE, but is grounded in retention best practices.

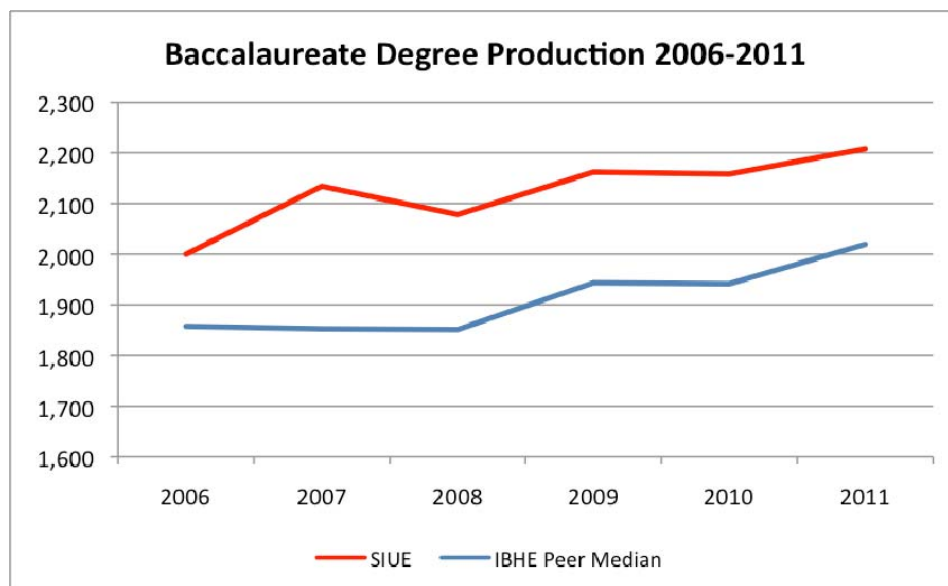
FY 2012 student success accomplishments include the following:

- The six-year graduation rate has increased from 44.7 percent in 2006 to 51.9 percent in 2011.
- In 2007, 13.1 percent of the SIUE student body was made up of minority students; in 2011 the percentage rose to 20.1 percent. Since 2008, SIUE has increased its percentage of underrepresented students at a greater rate than the median of its IBHE peers:



SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

- Baccalaureate degree recipients increased from 2,112 in FY 2007 to 2,208 in FY 2011.
- SIUE had a higher baccalaureate degree production than the IBHE peer median:



- In FY 2011, women earned 56 percent of the baccalaureate degrees conferred; this percentage is approximately the same as the average of the previous five years.
- Over the past five years, the SIUE STEM Center has consistently worked with 25 schools in St. Clair County to deliver and support STEM outreach programs, including Science Olympiad, Science and Engineering Research Challenge, and the STEM Resource Center. Through external grants from Scott Air Force Base and Vernier, Inc. the STEM Center acquired scientific probeware to loan to educators, including K-12 schools and community organizations.
- SIUE established the William Frederick Graebe Sr. STEM Learning Center, a 21st-century, high-tech classroom located at the SIUE East St. Louis Charter High School, constructed with a \$1 million gift from Robert H. and Norma J. Graebe.
- The SIUE Charter School continues to make great strides, generally outperforming the other high schools in District 189. The Charter School has an average attendance rate of 87 percent for the past four years and a 100 percent graduation rate for 2012. The graduation rate is up 5 percent from 2011. Ninety-two percent of the 2012 graduates were accepted to community colleges or universities. Charter High School students continue to take advantage of additional instructional support throughout the school year (including Saturdays and summer school), with 14 percent more students participating in the Upward Bound Program in 2012.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

- Through more than \$600,000 in grants, SIUE faculty provided professional development to chemistry, mathematics, science, history, and English teachers.
- Pass rates for professional fields continue to be near or above the state/national average:

Field	Examination for Licensure	2010			2011		
		# Students	Pass Rate (%)		# Students	Pass Rate (%)	
			Institutional	State/National		Institutional	State/National
Dentistry	National Dental Board Exam, Part II	NA	98.0%	NA/94.1%	NA	97.8%	NA/NA
Nursing	National Council Licensure Exam, RN	173	79.2%	NA/87.2%	177	83.0%	NA/88.0%
Education	Assessment of Professional Teaching	351	98.5%	NA/NA	359	99.7%	NA/NA
Speech-Language Pathology	National Examination in Speech-Language Pathology	NA	100%	NA/85.6%	NA	100%	NA/85.6%
Pharmacy	North American Pharmacist Licensure Examination	79	96.2%	89.8%/89.3%	78	100%	93.4%/93.8%

The Undergraduate Research and Creative Activities program included 183 faculty members and 183 stipend-supported students participating in the research assistants program, with an additional 169 students volunteering their time to work in faculty members' research labs. Ten research associates were financially supported, and nine of them presented their work in professional venues. Eleven research assistants also presented their work in professional venues.

ADULTS REENTERING EDUCATION RECOMMENDATION 2

Through partnerships between the Office of Educational Outreach and the academic units, the University is able to more effectively meet the needs of adult learners:

- Offered a workshop entitled *Board Development* in partnership with the SIUE Alumni Association.
- Worked with BJC Healthcare system to coordinate and support an interdisciplinary MS in Healthcare Informatics on-site at the BJC Learning Institute.
- Offered a healthcare workshop in partnership with the SIUE Office of Human Resources.
- Worked with Regional Offices of Education in Madison and St. Clair Counties to offer grant-funded workshops and experiences serving approximately 200 teachers and administrators.
- Collaborated with School of Education to offer National Endowment for the Humanities (NEH) summer workshops, bringing approximately 80 national and international educators to campus.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

- Served as the point of contact for the Madison County Department of Employment and Training for contract and tuition updates, as well as enrollment verification, and addition of programs for the Illinois Workforce Development system.

During the 2011–2012 fiscal year, SIUE offered off–campus cohorts catering to adult programs or professional development in the following locations:

- Southwestern Illinois College – Red Bud
- Southwestern Illinois College
- Dorris Intermediate School, Collinsville, IL
- Alton High School
- Belleville District 118 Building
- Waterloo High School
- South Roxanna School
- Whiteside Middle School
- Jersey Community High School
- St. Clair County Regional Office of Education
- SIUE School of Nursing – Carbondale
- SIUE School of Nursing – Springfield
- Staunton High School
- BJC Learning Institute
- Watershed, Edwardsville, IL

GEOGRAPHIC DISPARITIES

RECOMMENDATION 3

SIUE is pursuing a new initiative to provide more non–traditional credit courses and programs. These courses and programs encompass off–site, on–line, video, hybrid, or other non–traditional delivery modes designed to extend access to more students and increase the capacity of the University to serve these students. Current accomplishments include:

- EChOS (Early Childhood On–Site Programs), a part–time cohort program that prepares working adults to be early childhood educators in public and non–public birth–to–third grade school settings. EChOS is offered at the undergraduate and graduate levels with both certification and non–certification options and currently enrolls 23 students at off–campus locations.
- a regional nursing program on the SIUC campus to meet the need for baccalaureate–prepared nurses in southeastern Illinois. The program is growing, and the full complement of students was admitted for fall 2012.
- a Master of Science in Education with a concentration in history program, supported through the Teaching American History grant from the Department of Education, which is serving 80 fourth– to sixth–grade teachers in 27 school districts in St. Clair County. Teachers have the option to combine the 18 hours

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

of coursework taken through the grant project and offered at the St. Clair County Regional Office of Education with coursework offered at the Whiteside Middle School to complete the degree. As many as 250 other teachers (including pre-service teachers) will be served through workshops and activities as a result of this program.

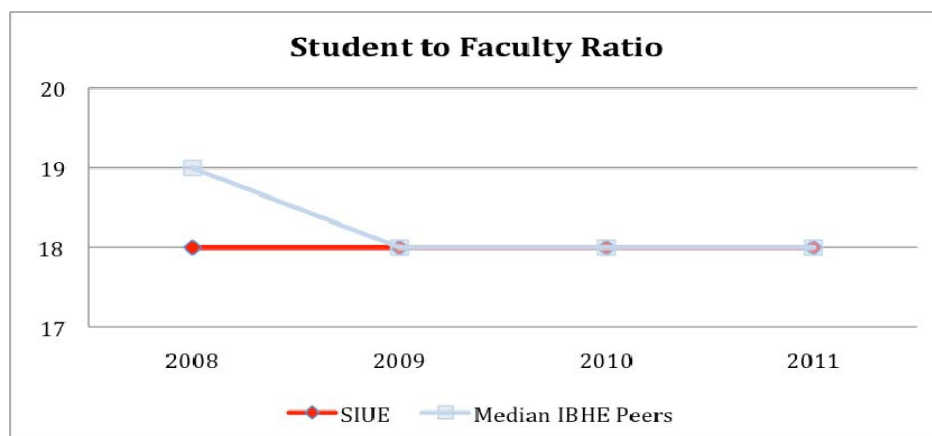
- a Master of Science in Educational Administration, with approximately 50 students pursuing this degree at Whiteside Middle School.
- an Illinois Superintendent Specialist Degree to be offered for the first time in fall 2012 at Whiteside Middle School.
- a newly approved *e Learning at SIUE* plan to be implemented to guide the strategic offering of online and blended courses and programs.
- the first cohort for the new online Doctor of Nursing Practice program.
- an increase in enrollment in off-campus offerings of 1.5 percent in 2011-2012.

GOAL 2: Ensure College Affordability for Students, Families, and Taxpayers

PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION: Make Illinois one of the five most affordable states in the country to get a college education.

SIUE continues to maintain a favorable student/faculty ratio that is comparable to the median of its IBHE peers:



- First-generation students in the fall 2011 freshman class were awarded \$3,461,991 in need-based financial aid as compared to \$2,823,890 in 2010. This represents an increase of \$638,100 (23 percent).
- Scholarship offers to high-achieving students increased 123 percent from 2010-2011 to 2011-2012, with acceptances increasing 129 percent and the total amount of the awards increasing 97 percent. Acceptance of 2011-2012 scholarship offers for underrepresented students increased 223 percent from 2010-2011, with the total dollar amount of the acceptances increasing by 225 percent.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

- SIUE's mandatory tuition and fees remain the lowest of the state universities:

Institution	Fiscal Year 2012 Tuition and Fees		
	Cost Ranking	UG Entry-Level Cost	Cost vs. SIUE
U of I – Urbana/Champaign	1	\$14,414	\$5,549
U of I – Chicago	2	\$13,464	\$4,599
Illinois State	3	\$12,230	\$3,365
Northern Illinois University	4	\$11,795	\$2,930
SIU Carbondale	5	\$11,394	\$2,529
Northeastern Illinois University	6	\$11,038	\$2,173
U of I – Springfield	7	\$10,984	\$2,119
Chicago State University	8	\$10,724	\$1,859
Western Illinois University	9	\$10,719	\$1,854
Eastern Illinois University	10	\$10,534	\$1,669
Governors State University	11	\$8,936	\$71
Southern Illinois University Edwardsville	12	\$8,865	\$0

Note: Tuition and fee rates are for in-state, undergraduate, entry-level students, as provided by IBHE.

- The significant increase in student credit hour production, coupled with the University's commitment to using faculty resources wisely, has resulted in SIUE being more efficient than the average of Illinois public universities in the amount of dollars devoted to instruction:

Institution	UG Instruction Cost (Per FTE Student)
Chicago State University	\$11,544
University of Illinois – Springfield	\$10,960
Governor's State University	\$9,232
University of Illinois - Urbana/Champaign	\$9,048
University of Illinois – Chicago	\$8,862
Illinois State University	\$8,781
Eastern Illinois University	\$8,719
Northeastern Illinois University	\$8,640
Southern Illinois University Carbondale	\$8,517
Western Illinois University	\$8,405
Northern Illinois University	\$8,358
Southern Illinois University Edwardsville	\$7,196
Total Public Universities (Average)	\$8,747

Source: IBHE FY11 Tuition as a Percent of Instructional Costs Tables, February 17, 2010

Note: This is the most recent version of the IBHE Instructional Cost data.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

- While full-time-equivalent (FTE) Faculty Rank increased from fall 2010 (678.8) to fall 2011 (695.1) to keep pace with the FTE increase in students (12,003 in fall 2010 vs. 12,072 in fall 2011), the FTE for Faculty Rank & Administrative Title (129.2 in fall 2010 vs. 123.5 in fall 2011) and Administrative Title Only (484.6 in fall 2010 vs. 473.2 in fall 2011) both decreased.

GOAL 3: Increase the Number of High-Quality Postsecondary Credentials to Meet the Demands of the Economy and an Increasingly Global Society

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ILLINOIS BOARD OF HIGHER EDUCATION

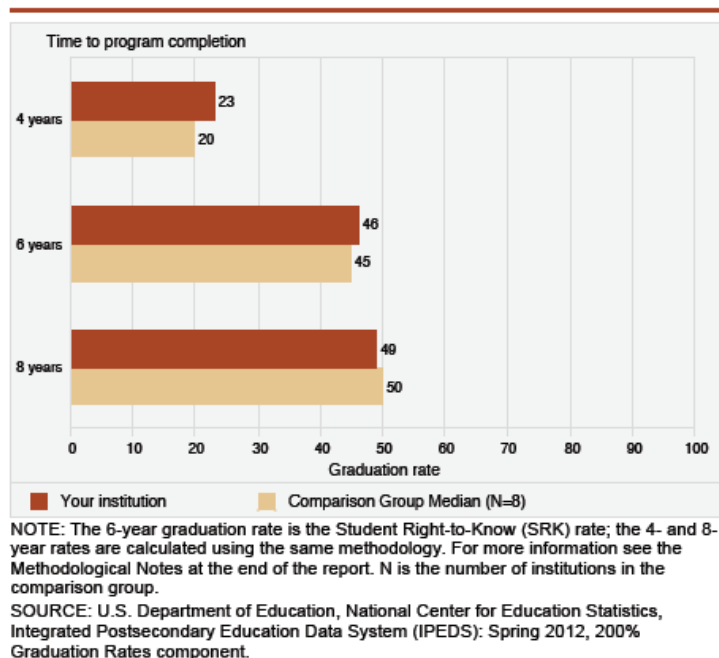
RECOMMENDATION 1: Increase the number of people with high-quality postsecondary credentials to ensure the state has an educated workforce and an engaged citizenry.

RECOMMENDATION 2: Improve transitions all along the education pipeline.

RECOMMENDATION 3: Increase the number of postsecondary degrees in fields of critical skills shortages.

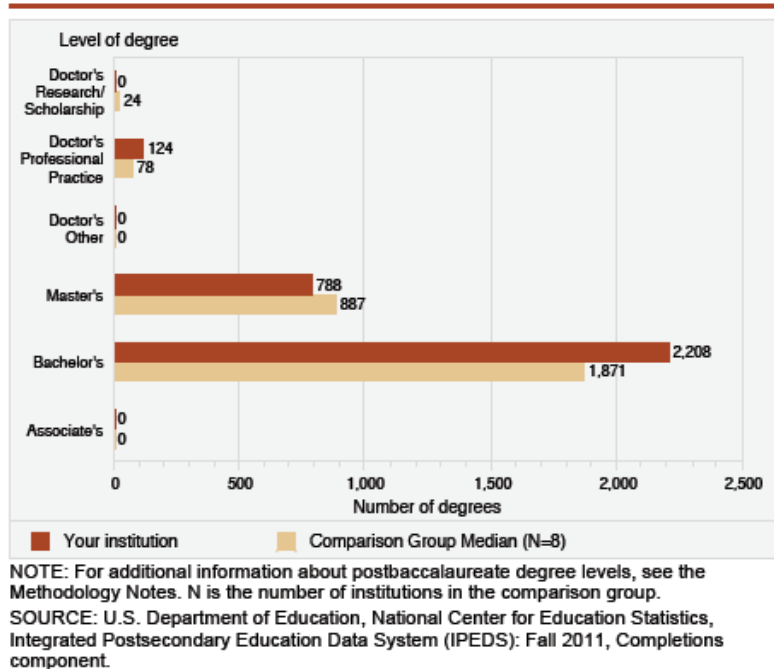
SIUE graduates are prepared in a variety of fields that address not only the demands of the economy but the increasing global society. SIUE prepares professionals in several fields of critical shortage such as nursing, dental medicine, pharmacy, and education. In fall 2011, 52,107 SIUE graduates lived in Illinois (a 3.8 percent increase over fall 2010) and 36,124 graduates lived in the Illinois portion of the St. Louis metropolitan area (a 3.0 percent increase over fall 2010).

The most recent IPEDS report shows that SIUE's four-year and six-year rates are higher than its IBHE peers, with eight-year graduation rates 1 percent lower:



SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Although SIUE had a lower unduplicated 12-month headcount than its IPEDS peers (16,484 vs. 19,205), the University awarded a higher number of degrees, especially at the baccalaureate level:



HIGH-QUALITY POSTSECONDARY CREDENTIALS RECOMMENDATION 1

- SIUE awarded 9.6 percent more degrees in 2011 (3,168) than in 2008 (2,891).
- The first cohort began the Doctor of Education in Educational Leadership program in fall 2011.
- From June 2011 to May 2012, the Environmental Resources Training Center (ERTC) trained over 950 students and awarded over 22,000 continuing education contact hours. The center had 25 students entering the one-year Water Quality Control Operations Program in fall 2011.
- In spring 2012, 27 participants from regional construction companies participated in the nine-week Construction Leadership Institute certificate program.
- SIUE implemented Caregiver Education & Training, a 10-week program designed to prepare individuals to perform caregiver activities for persons requiring assistance in their homes. The opportunity for employment is on the increase as the population of the U.S. ages. Participants are trained in safety, stress management, basic healthcare procedures (transferring, positioning, vital signs, and health conditions among others) in order to render safe and appropriate care of individuals requiring care and assistance.
- Boeing established a competitive Preferred Provider program from which it selects partners for specific educational needs. SIUE was selected as a Preferred

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Provider and works with Boeing on programs within its self-reported core competencies.

- At least 95 percent of graduates 1 year, 5 years, and 9 years post degree rate the quality of their SIUE education as either above average or average, with at least 94 percent saying their college education was important to their professional life, at least 89 percent saying it was important to their community life, and at least 96 percent saying it was important to their personal life.
- Of the nine-year-out graduates, 39 percent reported that they had earned an additional degree and 94 percent of those students reported that their SIUE degree had prepared them adequately to very well for their additional degree program.
- From 64 percent to 74 percent of 1 year, 5 years, and 9 years post degree graduates report involvement with non-degree career-related, organized formal learning, and 70 percent to 77 percent report involvement with volunteer work or community service activities.

IMPROVE TRANSITIONS

RECOMMENDATION 2

- SIUE continues to expand 2+ 2-type programs and/or dual admission programs with the following community colleges:
 - Kaskaskia Community College
 - Lewis & Clark Community College
 - Southwestern Illinois Community College
 - St. Charles Community College
- *GI Jobs Magazine*, a comprehensive guide for people transitioning out of the U.S. military, named SIUE a “Military Friendly School” for the second year. This honor places SIUE in the top 15 percent of all schools nationwide in offering programs and support for veteran and active duty military personnel.
- The School of Engineering offered summer residential sessions for 50 high school students to introduce engineering career choices and to give them a taste of life on campus.

FIELDS OF CRITICAL SHORTAGES

RECOMMENDATION 3

- The School of Dental Medicine graduated 46 students in 2011.
- The School of Nursing graduated 280 (undergraduate and graduate) students in 2011. The school implemented a highly successful, semester-long online Leadership Development Academy for healthcare agency-based nurses to assist them in moving into leadership/administrative positions within their agencies.
- The School of Pharmacy graduated 78 students in 2011. A concurrent PharmD/MBA degree program has been developed and approved. The school was recently recognized as the lead in a National Institutes of Health (NIH) Center of Excellence in Pain Education interdisciplinary team.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

- In 2010–2011, the U.S. Department of Education designated teacher shortage areas in special education, speech/language impairment, bilingual education, mathematics, physical education (K–8), reading, and science. In 2011, the School of Education graduated 49 students in special education, 28 students in speech/language impairment, 56 students in mathematics, 67 students in physical education, 7 students in reading, and 43 students in science.
- The Speech–Language Pathology program received Continuing Education Provider status from the American Speech–Language and Hearing Association and began offering CEUs in spring 2012.
- The University applied for IBHE approval to establish a Master of Science in Healthcare Informatics. The program will initially be offered for Barnes Jewish Christian Medical Center employees.

GOAL 4: Better Integrate Illinois' Educational, Research, and Innovation Assets to Meet Economic Needs of the State and Its Regions

PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION: Boost Illinois into the ranks of the five states with the fastest growing economies.

- In FY 2012, SIUE faculty and staff received more \$34.2 million in grants and contracts for teaching, research, and service initiatives. The *Washington Monthly* ranked SIUE 6th for research expenditures by master's-granting institutions out of more than 350 such institutions nationwide.

The Integration of Educational, Research and Innovation Assets include the following:

- The Illinois Small Business Development Center at SIUE–East St. Louis Center met with 183 clients resulting in 650 counseling sessions. It conducted nine “Starting a Business in Illinois” educational workshops with a total of 54 attendees. The economic impact from this center includes four individuals starting businesses, 19 jobs created, and two business expansions.
- The Southwest Illinois Advanced Manufacturing Center (SIAM) completed 12 projects with a \$15 economic multiplier. For each dollar invested in SIAM projects, more than \$15 was returned to the regional economy in the form of retained and newly created jobs, productivity improvements, and quality enhancements. SIAM performs basic and applied research and workforce development activities for U.S. manufacturing and engineering companies. SIAM's primary service area consists of the 22 counties in the southwest and central regions of Illinois.
- NCERC at SIUE, in collaboration with the USDA and Biotork (a private sector firm), successfully converted “corn bran” into cellulosic ethanol. The 30L scale fermentation was the first of its kind, thus opening the door for a variety of cellulosic feedstocks to be converted into biofuels.
- Faculty in the School of Engineering are working on research projects with AmstedRail, APC Data Centers, Schlumberger and USTRANSCOM at Scott Air

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Force Base on manufacturing engineering, IT hardware and software, and transportation needs.

- A training affiliation agreement between the School of Dental Medicine (SDM) and the Scott Air Force Base (SAFB) AEGD program won an award from the Office of the Assistant Secretary of Defense (Health Affairs) for innovation in sharing resources in mutually beneficial ways. The SDM fills a much needed mentor position at SAFB, and dental staff members from SAFB volunteer to share their time at SDM, teaching in their areas of expertise.
- SIUE is an active participant in the Greater St. Louis Regional Chamber and Growth Association with representation on the Executive Committee, the Talent Initiative Human Resources Group, and the Health Economy Forum.
- University Park SIUE, Inc. (UP) is a University Related Organization that serves as a vital link between the University and the St Louis metropolitan area economic development community. Objectives are determined by aligning UP capabilities with indigenous resources and economic priorities within the region. UP staff members participate and hold leadership positions in several external stakeholder organizations including the St. Louis Regional Chamber and Growth Association, the Leadership Council Southwestern Illinois, the Madison Bond County Workforce Investment Board, and the Edwardsville Economic Development Alliance. These groups formulate economic development strategies and provide feedback creating context and guidance for UP objectives. UP operates a technology park that attracts private business tenants benefiting from a relationship with University faculty and students. Many of these tenants were referred to UP by external stakeholders.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

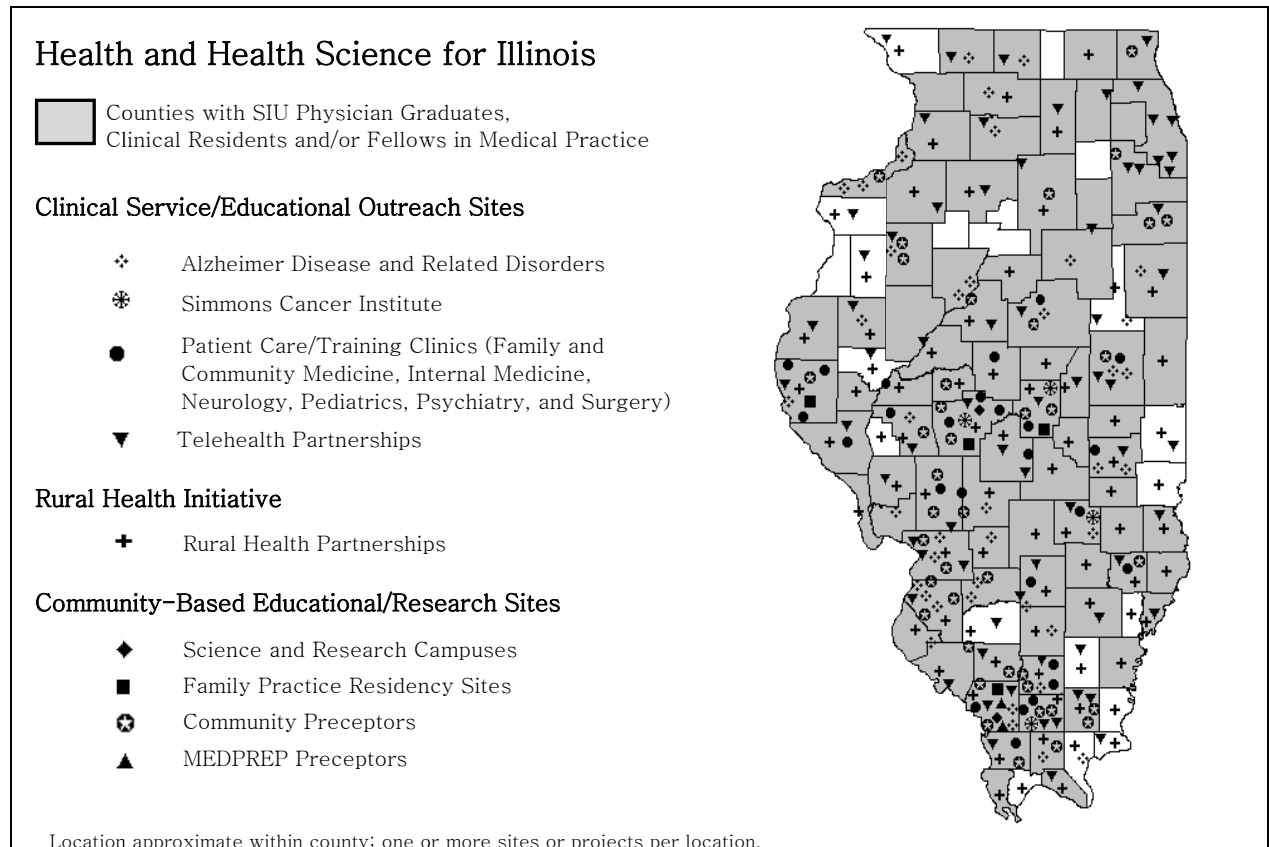
Mission Statement

The mission of the SIU School of Medicine is to assist the people of central and southern Illinois in meeting their health care needs through education, patient care, research, and service to the community.

Focus Statement

SIU School of Medicine will be a preeminent medical school stressing excellence and compassion in its programs. The school's education programs will be among the finest in the world, leading in innovation and scholarship, and excelling in the preparation of physicians and biomedical scientists. The school's clinical programs will bring the highest quality medical care to central and southern Illinois, extending these services through effective community outreach programs. Through the application of cutting-edge methodologies and ideas, the school's research programs will provide new avenues of thought to improve health care and enhance synergy with the school's education and patient care programs. SIU School of Medicine's highest aim is to serve its community through the advancement of knowledge and its application for the common good.

From *Southern Illinois University School of Medicine, Strategic Plan.*



SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

GOAL 1: Increase Educational Attainment to Match Best-Performing U.S. States and World Countries

PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION 1: Increase success of students at each stage of the P-20 education pipeline to eliminate achievement gaps by race, ethnicity, socioeconomic status, gender, and disability.

RECOMMENDATION 2: Increase the number of adults, including GED recipients, reentering education and completing a postsecondary credential.

RECOMMENDATION 3: Reduce geographic disparities in educational attainment.

SIU School of Medicine's academic and service programs increase educational opportunities for the school's medical students, clinical residents and fellows, as well as expand community access to the school's educational resources.

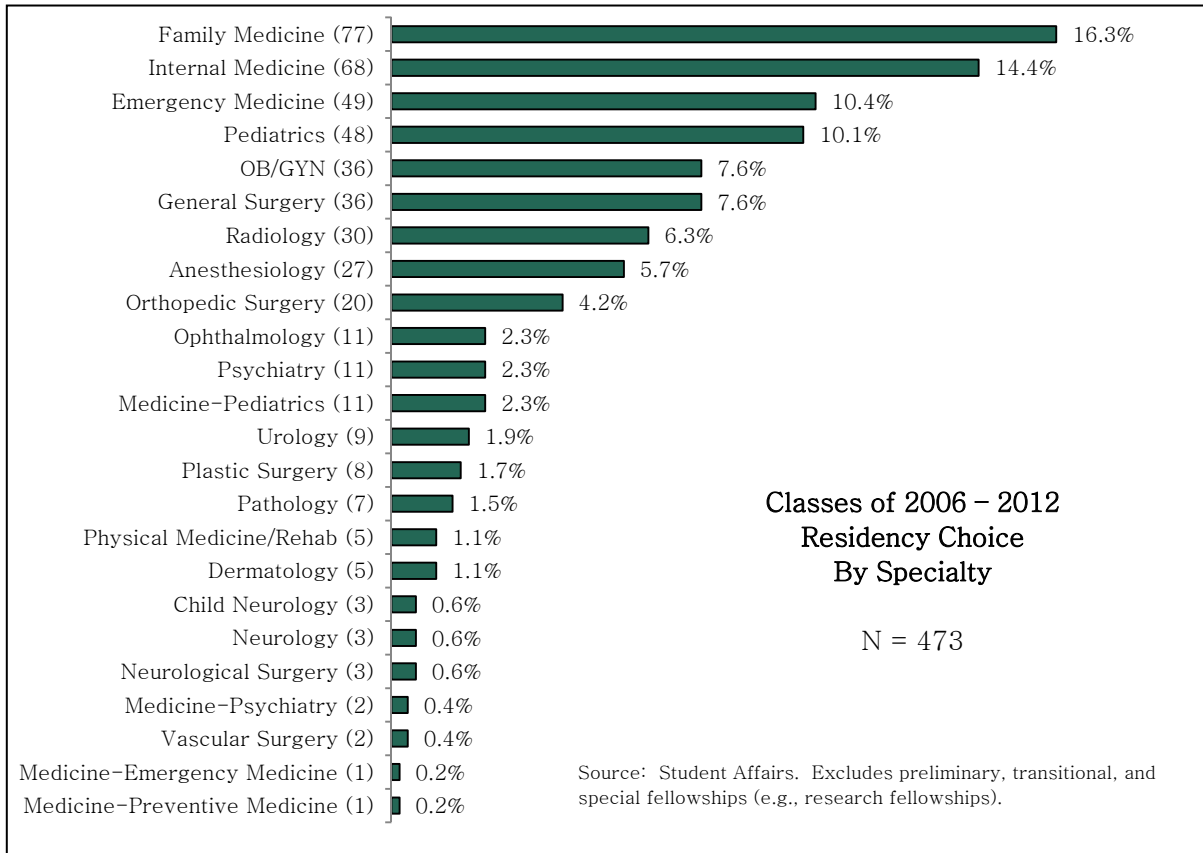
STUDENT SUCCESS

RECOMMENDATION 1

- **Medical Education:** The school's undergraduate medical education program leading to the M.D. degree is designed to prepare physicians for practice in the region; clinical residencies and fellowships train specialists in the medical and surgical specialties most in need in central and southern Illinois; and continuing medical education provides ongoing professional development to the region's practicing physicians and other health care professionals. In FY 2012, the school educated 298 medical students, trained 314 clinical residents/fellows, and provided continuing medical education to over 11,730 physicians and other health care professionals in over 1,400 sessions of regularly scheduled series and symposia.
- **Academic Accreditations:** In FY 2012, the medical school's Continuing Medical Education (CME) program received full "Accreditation with Commendation" from the Accreditation Council for Continuing Medical Education (ACCME). This six-year accreditation reflects CME's commitment to maintaining high professional standards for its courses and for demonstrating superior engagement and support to physician learning. SIU School of Medicine is fully accredited as a medical education institution and was reaccredited for undergraduate medical education (M.D. program) by the Liaison Committee on Medical Education in FY 2007; and in FY 2008 for graduate medical education (clinical residencies/fellowships) by the Accreditation Council for Graduate Medical Education. All graduate and service programs are in compliance with review requirements of the Illinois Board of Higher Education.
- **Comparisons to Other Medical Schools:** SIU's medical school compares favorably to other medical schools on key measures of student satisfaction and graduate practice choices. Based on data provided by the Association of American Medical Colleges, 94.8 percent of recent SIU medical graduates said that they were satisfied with their medical education, placing the school above the 90th percentile of all medical schools in the nation. SIU's medical school ranked above the 80th percentile for graduates practicing in primary care, above the 80th percentile for graduates practicing in underserved areas, and above the 90th percentile in graduates practicing in rural areas. These results are consistent with the school's mission.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

- Residency Choice:** M.D. graduates of SIU's medical school have been successful in obtaining highly competitive clinical residencies to continue their medical training. Graduates of the Class of 2012 began clinical residencies in summer 2012. Residency choices of the seven most recent graduating classes are shown here.



SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

- Medical Program – Examination Pass Rates:** SIU’s medical students pass the national U.S. Medical Licensing Examination (USMLE) Step 2 examinations at rates typically equal to or above students at other medical schools. Pass rates from the last three examination periods are listed below.

USMLE Step Examination	PASS RATES FOR SELECTED EXAMINATIONS								
	2009			2010			2011		
	#	Pass Rate (%)		#	Pass Rate (%)		#	Pass Rate (%)	
	Students	Inst'l	Nat'l	Students	Inst'l	Nat'l	Students	Inst'l	Nat'l
USMLE, Step 2 – Clinical Knowledge	69	96%	96%	69	97%	97%	62	95%	97%
USMLE, Step 2 – Clinical Skills	70	100%	97%	69	100%	97%	65	100%	98%

Note: Reflects examinations for first-time test takers taking examinations in the academic years noted. Source: National Board of Medical Examiners, USMLE reports, for the years noted.

- Medical Program – Graduates:** The school has been successful in graduating medical students, including those from underrepresented groups. Data from the most recent five-year period are summarized here.

MEDICAL STUDENT COMPLETION AND GRADUATION RATES BY GRADUATING CLASS						
Student Category	Graduating Classes					
	2011 Actual		2012 Actual		5-Year Total 2008 – 2012	
	Number	Percent	Number	Percent	Number	Percent
Minority Students	15	24.2%	25	34.7%	87	25.4%
African American	4	6.5%	9	12.5%	35	10.2%
Hispanic	1	1.6%	3	4.2%	12	3.5%
All Other	10	16.1%	13	18.1%	40	11.7%
Disabled Students	0	0.0%	0	0.0%	0	0.0%
Female Students	33	53.2%	34	47.2%	175	51.2%
All Graduating Students	62	100.0%	72	100%	342	100.0%

Note: Student categories listed here (Minority Students, Disabled Students, Female Students) are not mutually exclusive. All Graduating Students is the total count of medical students graduating in the periods noted; this includes the student categories listed above and all other students. All Graduating Students counts, as such, are not the sum of the categories shown in the table. Source: Student Affairs. September 4, 2012.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

ADULTS REENTERING EDUCATION RECOMMENDATION 2

Students attending SIU's medical school normally first graduate from an approved baccalaureate program and must complete the Medical College Admission Test (MCAT) prior to admission. Most students come to medical school directly from their undergraduate programs; in some cases, students may have first pursued graduate study or brief periods of professional employment. As such, they are better described as continuing their education rather than reentering it. SIU School of Medicine provides services to assist its students in completing their studies.

- **Student Services:** The school continued its successful student services and benefits programs, including new student orientation, student mentoring, student performance/improvement assessment, scholarships and student advisement, financial consulting services, career counseling, wellness activities, disability insurance program, diversity training, and student research support.
- **Career Counseling:** The medical school provided career counseling to all medical students across the four years of medical school. This program includes seminars, mentoring, and application assistance to residencies. Practicing physicians, medical educators, and departmental interest groups conduct the program and provide individualized counseling.

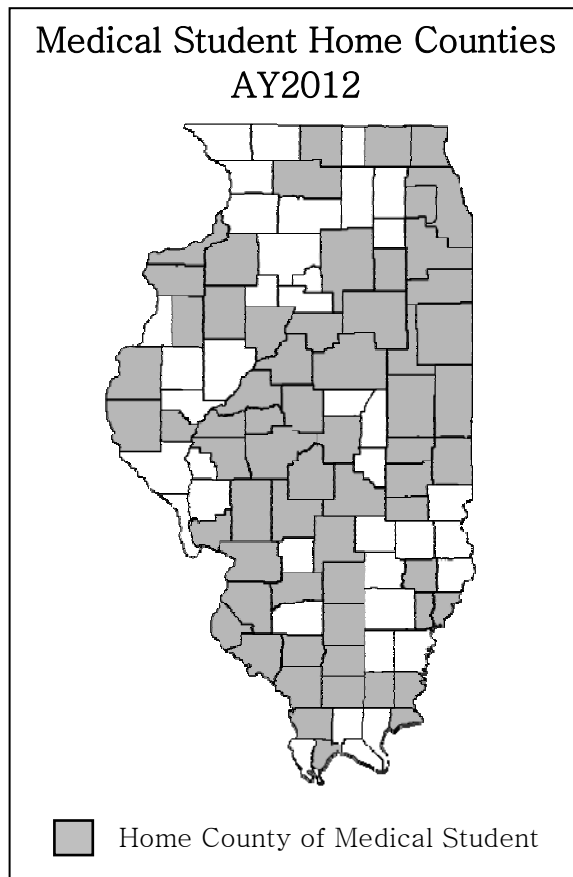


SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

GEOGRAPHIC DISPARITIES

RECOMMENDATION 3

- **Student Hometowns:** SIU's medical students come from rural areas, small towns, and cities in Illinois. In FY 2012, 82 percent of the medical students were from downstate Illinois and 33 percent came from rural counties. Students came from 63 of Illinois' 102 counties. More than half (58 percent) of the fall 2011 matriculating class came from communities of 25,000 or fewer citizens.
- **Regional Educational and Training Activities:** The school continued programs providing patient care and medical student/clinical resident training in regional locations including SIU's Family and Community Medicine medical education/patient care clinics in Carbondale, Decatur, Springfield, and Quincy; and the community-based student training (preceptorship) program rotating medical students through local physicians' offices, clinics, and hospitals.
- **Community Education and Outreach:** The medical school provided numerous community health and public education programs around the region. These included disease screenings, health assessments, and health education programs that were provided free to the community. An example is the medical student-run health care clinics programs for the homeless and under/uninsured in Springfield. Other outreach programs featured a health fair for Head Start families and teachers that provided health screenings and educational information on topics such as nutrition, physical activity, and disease prevention; a community outreach and education program for individuals suffering from Alzheimer disease and related disorders; and colorectal cancer screenings provided by the Simmons Cancer Institute in collaboration with area hospitals and the Vince Demuzio Colorectal Cancer Screening Initiative. The school provided community education programs such as the "Think-First" brain and spinal cord injury prevention program, as well as numerous other programs focusing on community health topics such as Parkinson disease, diabetes, and parenting skills/infant care for new/expecting parents. In FY 2012, the medical school's Division of Endocrinology's diabetes self-management education program was recognized by the American Diabetes Association (ADA) for its high quality.



SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

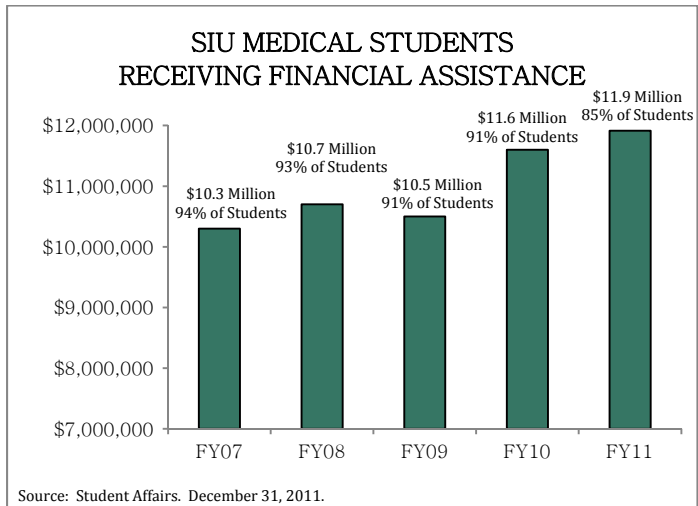
GOAL 2: Ensure College Affordability for Students, Families, and Taxpayers

**PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION**

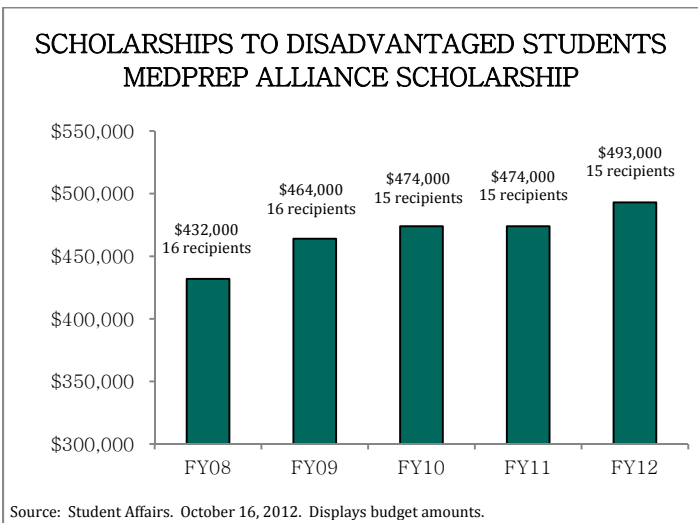
RECOMMENDATION: Make Illinois one of the five most affordable states in the country to get a college education.

SIU School of Medicine is committed to promoting value in tuition and providing additional funding for student scholarships. As such, the school strives to maintain affordability in its tuition, increase its funding of medical school scholarships, and provide other services and benefits of value to medical students, resident physicians and fellows, and graduate science students.

- Financial Assistance:** SIU School of Medicine assists medical students by awarding financial aid to help pay for their medical education. Because scholarship funds are limited, most financial need is met by combining various loan and scholarship programs. In recent reporting, 85 percent of SIU's medical students received financial assistance.



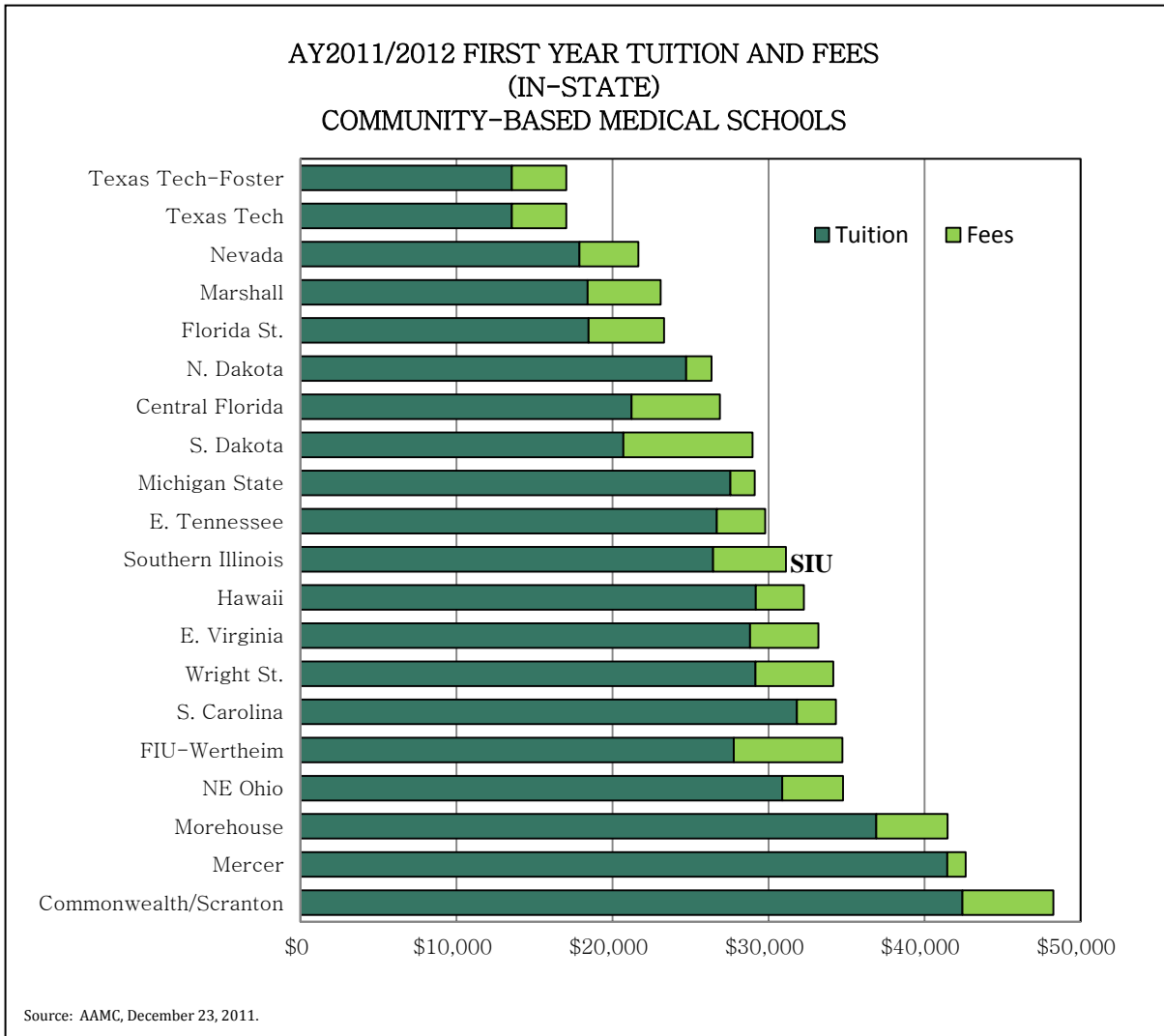
- MEDPREP Alliance Scholarships:** MEDPREP Alliance Scholarships provide funding for MEDPREP* graduates and other students from disadvantaged backgrounds to attend SIU's medical school. Funding for these scholarships comes from the medical school's operating budget. The school allocated \$493,000 to these scholarships in FY 2012 and indexes the scholarship each year to accommodate tuition increases.



(*Medical/Dental Education Preparatory Program)

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

- Student Financial Aid:** The SIU School of Medicine assists medical students in qualifying for and managing their educational grants, scholarships, and loans. Financial counselors in the school's Financial Aid office provide loan indebtedness counseling and assistance with securing outside loans, scholarships, and short-term emergency borrowing. Consulting begins during the student's interview prior to admission and continues through graduation, with frequent information sessions and one-on-one consultations with financial experts. Students with loans receive counseling regarding minimizing and managing their debt after graduation. The medical school's student financial aid programs are designed to be responsive to the needs of medical students.
- Tuition and Fees:** Medical school tuition and fees must be kept affordable to ensure access to medical education by qualified students and to encourage graduating physicians to remain and practice in the region. SIU's medical school tuition and fees are comparable to those of other community-based medical schools.



SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

GOAL 3: Increase the Number of High-Quality Postsecondary Credentials to Meet the Demands of the Economy and an Increasingly Global Society

PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION

RECOMMENDATION 1: Increase the number of people with high-quality postsecondary credentials to ensure the state has an educated workforce and an engaged citizenry.

RECOMMENDATION 2: Improve transitions all along the education pipeline.

RECOMMENDATION 3: Increase the number of postsecondary degrees in fields of critical skills shortages.

Excellence in professional and graduate education and leadership in research, scholarly, and creative activities are integral to the mission of the SIU School of Medicine. The medical school has effectively adapted its curricula and programs to better meet the needs of students and the community.

HIGH-QUALITY POSTSECONDARY CREDENTIALS

RECOMMENDATION 1

- Professional and Graduate Study:** SIU School of Medicine educates future physicians, new and established practicing physicians, and graduate science students. Enrollments and graduation numbers are shown to the right.
- Graduate Science Programs:** The medical school offers graduate science programs approved by the Illinois Board of Higher Education, including master's and doctor's degree programs in pharmacology, physiology, and molecular biology, microbiology, and biochemistry (MBMB). The MBMB and physiology programs are provided jointly with the SIUC College of Science.

TOTAL LEARNERS ACADEMIC YEAR 2011/2012		
Student Groups	Enrollment (AY2011/12)	Completed Training/ Graduated (Thru 06-30-12)
Medical Students	298	2,471
Residents/Fellows	313	2,068
Graduate Science (MS/PhD)		
MBMB	93	244
Pharmacology	19	67
Physiology	22	170

Note: "MBMB" is Molecular Biology, Microbiology, and Biochemistry. Completed Training/Graduated counts from programs' implementation through June 30, 2012. Residents/Fellows counts as of June 30, 2012; others as of December 31, 2011. Source: Student Affairs, Residency Affairs, and Program Offices.

- Continuing Education:** The school conducted continuing medical education programs for physicians, other health care providers, and community leaders during FY 2012. Many of these programs were offered via distance-learning telehealth technologies. Topics included emerging treatments in Alzheimer's disease and other neurological diseases, cancer care, women's health, chronic wound care, urological diseases, sports injuries, and newborn care, as well as health care reform/access and a variety of primary and specialty care topics. The Twelfth International Symposium

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on Advances in Alzheimer Therapy, co-sponsored by the medical school, was held in Stockholm, Sweden, and provided an opportunity for over 1,000 physicians and scientists from around the world to collaborate on key topics such as current therapies, new methods of diagnosis, pharmacological interventions, and other topics concerning Alzheimer disease.

- **Graduate Medical Program:** With its accredited teaching hospitals, the medical school provided graduate medical education to 313 clinical residents and fellows in FY 2012; as of this year, 2,068 residents/fellows have completed training. Residencies were expanded in general surgery, pediatrics, neurology and family medicine. Training and resident participation in quality and patient safety-focused topics was also increased in FY 2012, in compliance with new requirements of the Accreditation Council for Graduate Medical Education.

CLINICAL RESIDENCIES AND FELLOWSHIPS

Clinical Residencies:

- Dermatology
- Emergency Medicine
- Family Medicine (four sites)
- General Surgery
- Internal Medicine
- Medicine/Psychiatry
- Neurology
- Obstetrics/Gynecology
- Orthopedic Surgery
- Otolaryngology
- Pediatrics
- Plastic Surgery
- Psychiatry
- Radiology
- Urology
- Vascular Surgery

Fellowships:

- Adult Reconstructive Surgery
- Child Psychiatry
- Colorectal Surgery
- Endocrinology
- Gynecologic Surgery
- Hand Surgery
- Head and Neck Oncology
- Infectious Diseases
- Mohs Surgery
- Neurorehabilitation
- Pulmonary Medicine
- Spine Surgery
- Sports Medicine
- Vascular Surgery



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IMPROVE TRANSITIONS
RECOMMENDATION 2

- Medical/Dental Education Preparatory Program (MEDPREP):** The school continued MEDPREP, SIU’s nationally recognized program of preparatory learning for disadvantaged and minority students tracking toward health professions. Program graduates have attended the nation’s leading health professional schools, including SIU School of Medicine.

MEDPREP ACADEMIC YEAR 2011/2012	
60 MEDPREP students:	54 (90%) minority 49 (82%) women
Total MEDPREP alumni:	1,290
Source: MEDPREP Program, February 2012.	

- Physician Pipeline Preparatory Program (P4):** In cooperation with the Springfield public school district (District 186), the medical school continued its “Physician Pipeline Preparatory Program (P4)”, a pipeline program designed to encourage local high school students interested in becoming physicians. P4 includes after-school programs, case studies, job shadowing, skill training, and mentoring of participating high school students by physicians and scientists of the medical school. In FY 2012, thirty-nine students participated in the third year of this four-year program. The program enrolled an additional cohort of ten new freshman students to begin participation in fall 2012.
- Diversity Programs:** SIU School of Medicine provides outreach programs that celebrate the ethnic and cultural diversity of the community. The school’s Office of Diversity, Multicultural, and Minority Affairs offers numerous educational programs to students, faculty, and staff of the medical school as well as to the general public. These programs include the annual Black History Month event, which in 2012 featured an address by Dr. Marc Nivet, chief diversity officer of the Association of American Medical Colleges. Also in FY 2012, the SIU chapter of the National Medical Association (NMA) was established. NMA is the largest and oldest national organization representing African American physicians and their patients in the U.S.

Continuing activities include the annual Diversity Week program that recognizes and celebrates all aspects of diversity through a series of public lectures and events as well as bimonthly ethnic celebration programs. Special electives provide opportunities for medical students to spend time with minority physicians. Community input and support is fostered through the Community Minority Advisory Committee and the Diversity Leadership Group. Student-led programs in recent years have included mentoring of minority K-12 students in Springfield by the members of the school’s Student National Medical Association (SNMA) chapter as well as support to the medical school’s neighborhood partner school, Enos School, an elementary school located in an economically disadvantaged area of Springfield.

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FIELDS OF CRITICAL SHORTAGES

RECOMMENDATION 3

- **Student Recruitment:** In FY 2012, Student Affairs conducted an information workshop that brought to campus representatives from the twelve universities and colleges providing the greatest number of matriculants to SIU's medical school. This workshop featured a presentation on recent changes to the MCAT and highlighted significant accomplishments at the school. As in past years, the school continued its efforts to encourage pre-medical students from around Illinois to apply to SIU's medical school and medical/dental preparation program during recruitment visits to colleges and universities. Student Affairs staff represented the medical school during recruitment fairs and conferences as well as in small group and individual settings at the state's public universities and private universities and colleges. Many high school and college-age students visited the medical school to tour the campus and receive information on SIU's programs. In all settings, staff provided information regarding SIU and its programs and counseled students on health careers, application processes, and financing for medical school. Staff also provided information to advisors, professors, and other individuals on other campuses to assist them in encouraging their students' interests in medical careers.

- **MD/MPH Concurrent Degree Program:** SIU School of Medicine and SIUC College of Education and Human Services began accepting applications and finalizing the first year curriculum of a concurrent degree program awarding both the M.D. and Master's in Public Health degrees. Beginning in fall 2012, two students enrolled in the program for its initial year. It is intended to provide graduates with a broad understanding of community and population health and the ability to identify, understand, and create policies and programs addressing public health issues.

- **Simmons Cancer Institute at SIU:** In FY 2012, the Simmons Cancer Institute at SIU continued programs to improve cancer care in the region, expanded research into cancer treatment and prevention while attracting external funding to the community, enhanced the training of physicians and other health care workers regarding cancer care, and helped patients, their families, and the general community confront cancer and its impacts. This year's important developments included:
 - Provided state-of-the-art, multi-specialty cancer care to patients in the region. Patients from more than seventy counties in Illinois and from around the region received care at the institute. Approximately 1,900 patients per month visit SCI physicians and clinics. SCI has eleven cancer care teams, including lung, breast, head and neck, colorectal, pediatric, gynecology-oncology, melanoma, musculoskeletal, prostate, neuro-oncology, and behavioral/psychosocial oncology.

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- Engaged in clinical trials which provided treatment for patients with breast, lung, head and neck, or renal system cancers, and completed clinical trials addressing cancers of the gastrointestinal and lymph systems as well as the effects of nutrition and exercise upon cancer. As of March 2012, 263 clinical trials were under way at SCI, providing patients with access to promising medical innovations.
- Provided numerous community education, health promotion, and disease prevention programs, including the annual cancer symposium; various continuing medical education programs for physicians, health care providers, patients, and patient care givers; and community screening programs for cancers of the skin, head, and neck.
- Continued the school's affiliation with the Southern Illinois Healthcare (SIH) Cancer Institute which enhances specialized cancer treatment for patients in southern Illinois. This agreement allows SIH patients and physicians to utilize SCI's advanced cancer care programs, including highly specialized surgery and treatment services, multidisciplinary consultations, and continuing medical education. SIH and SCI also collaborate on a variety of research projects to include a study that will explore disparities in the treatment of lung cancer in southern Illinois. This study will examine mortality rates and causes of lung cancer in the state's 16 most southern counties in order to identify the extent of regional treatment disparities. This research is funded by a two-year grant from the American Cancer Society and is being conducted in association with the Illinois State Cancer Registry.

The Simmons Cancer Institute is one of the medical school's Centers of Excellence programs and a unique resource within the region.



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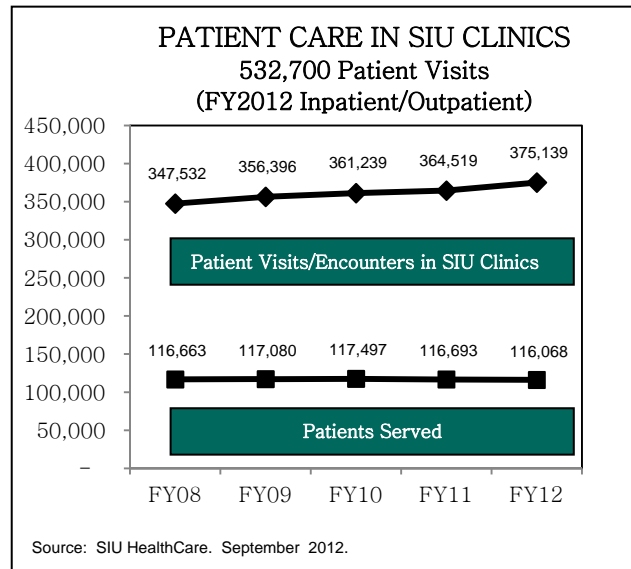
GOAL 4: Better Integrate Illinois' Educational, Research, and Innovation Assets to Meet Economic Needs of the State and Its Regions

**PUBLIC AGENDA FOR
COLLEGE AND CAREER SUCCESS
ILLINOIS BOARD OF HIGHER EDUCATION**

RECOMMENDATION: Boost Illinois into the ranks of the five states with the fastest growing economies.

SIU School of Medicine's academic and patient care programs enhance Illinois' economic environment through direct impact upon the health care market and related industries. These programs exemplify the school's contribution to regional economic development and health care service.

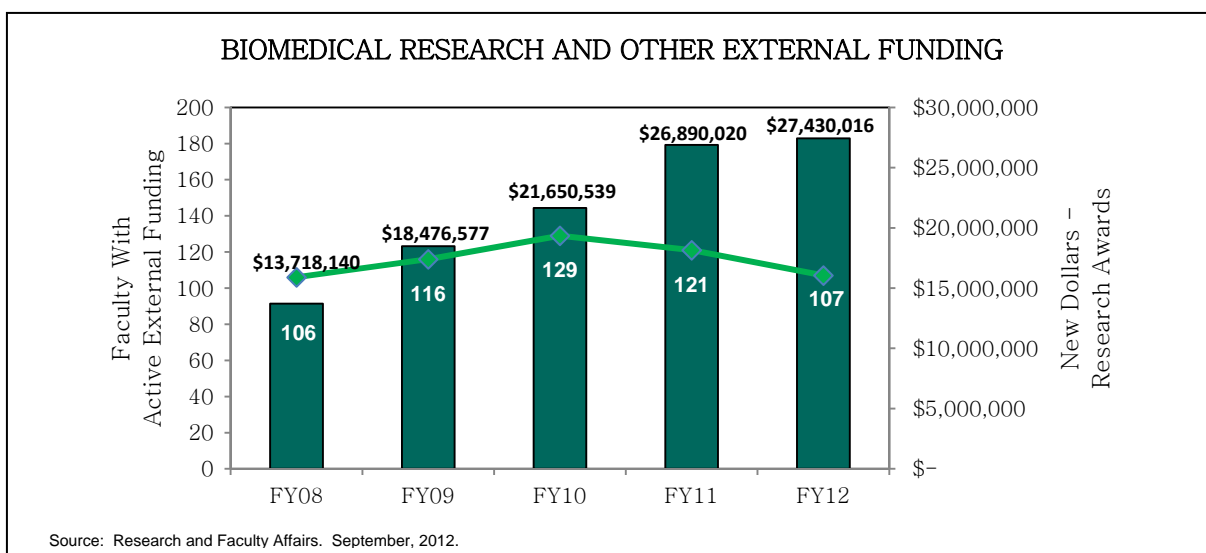
- **Patient Care:** Patient care services and clinical outreach site programs provided by the medical school offer primary and specialty physician services to address patient needs not otherwise met in the area. These complement health care provided by affiliated hospitals and community physicians. In FY 2012, SIU physicians provided services to 116,068 patients during 375,139 visits/encounters in SIU clinics, including inpatient and outpatient services, SIU physicians provided 532,700 patient visits this year.



- **Clinical Services:** A second Neurology clinic was opened in Springfield in order to meet the growing patient need for movement disorder, stroke, and neuro-oncology services. The Department of Surgery established an orthopedic surgery practice in Quincy to increase access to orthopedic health care services in west-central Illinois. In conjunction with the Sangamon County Health Department, the Department of Family and Community Medicine (FCM) established the "Centering Pregnancy" prenatal care program which builds upon routine prenatal care/visits by incorporating support groups that increase educational opportunities, caring, and support. FCM also received a federal grant to establish a federally qualified health center (FQHC) within the department's Springfield clinical site. The FQHC will assist SIU HealthCare to better serve uninsured patients in Springfield. New faculty recruitments were completed in highly specialized areas such as interventional stroke, female urinary incontinence, and pediatric infectious diseases as well as recruitments in gastroenterology, general internal medicine, family medicine, child and adult psychiatry, orthopedics, neonatology, pulmonary medicine, obstetrics/gynecology, and plastic surgery.

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- Clinical Outreach:** During FY 2012, SIU physician faculty provided patient care and regional outreach programs (including on-site and telehealth programs) in 139 separate clinics/outreach sites in 58 Illinois communities. Examples include primary care clinics, surgical clinics, psychiatric clinics, and an Alzheimer's disease primary provider network in downstate communities.
- Quality Improvement Initiative:** In FY 2012, SIU HealthCare continued efforts to ensure patient safety and satisfaction. A practice-wide Quality and Safety Committee was established along with four sub-committees that have focused on clinical quality initiatives, operational quality initiatives, risk and safety issues, and staff development/continuing educational needs of staff and faculty.
- Intellectual Property and Technology Transfer:** The school's Office of Technology Transfer (OTT) works with medical school faculty and staff, community groups, partner organizations, and funding agencies in developing new intellectual property suitable for commercialization. In FY 2012, OTT processed 78 intellectual property items.



- Biomedical Research:** SIU School of Medicine's research programs focus on diseases and health conditions prominent in the region, improving both the quality of health care and medical training in central and southern Illinois. Clinical research brings clinical trials of new drug and medical device therapies to patients in the region. In FY 2012, the school engaged in more than 500 active clinical research studies. The school's research activities also enhance regional economic development, through programs such as its technology transfer initiatives and work within the Mid-Illinois Medical District. In FY 2012, the school's faculty were awarded multi-year, multi-million-dollar grants to fund research in the areas of ovarian cancer, noise-induced hearing loss, and fatigue in chronic viral disease. Other significant grants received in this year will be used to conduct research in the areas of human aging, tinnitus, chronic pain treatment, and metabolic syndrome.

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- **Rural Downstate Health Care:** Funds from the school's Rural Health Initiative were used to upgrade rural ambulance services in seven east-central Illinois counties. This initiative improves the community's ability to respond to and provide cardiac emergency care. With this funding, ten ambulance services purchased and installed equipment that provides advanced cardiac monitoring. Funding is also supporting training for emergency medical service personnel. These efforts are expected to improve overall patient outcomes for populations living in these rural Illinois counties.
- **Community Health and Service:** The school conducted a Community Service Public Forum with Springfield city and area agency leaders to identify and discuss the health needs of the local community. Information gathered through this and future meetings will support the school's efforts to provide leadership in improving the health and well-being of the communities in which it operates. The school's Community Service Committee is the school's leader in these efforts, which include community service/health advocacy, citizenship activities through employee volunteerism, community engagement to identify and address community health concerns, and the development of educational programs/electives on the topics of community service.
- **Collaboration with Mid-Illinois Medical District:** The Mid-Illinois Medical District was established by Public Act in 2003 to provide for the "orderly creation, maintenance, development, and expansion of health care facilities and medical research/high technology parks" in Springfield's medical corridor. The medical school is a founding partner in the medical district, with membership on the district's commission. The school continues collaboration with the medical district.
- **Support to Military and Veteran Health:** SIU School of Medicine joined with over 100 U.S. medical schools in signing a pledge to improve the health and wellness of military service members and their families as part of the Joining Forces initiative. These medical schools pledged to support military members and veterans by considering this population's unique needs through the institution's educational programs, research efforts, patient care services, and community outreach programs.

Southern Illinois University (SIU) School of Medicine was founded in 1970 with a legislative mandate to help meet the health care needs of the people of central and southern Illinois. The school has maintained a firm commitment to that mandate, emphasizing innovative and high-quality medical education, patient care, clinical outreach, and research programs. Building upon its original primary care focus, the school has grown and matured to provide a wide array of primary and multi-specialty educational and patient care programs.