



SOUTHERN ILLINOIS UNIVERSITY

March 9, 2012

Members of the Board Academic Matters Committee

Ed Hightower, Chair

Don Lowery

Donna Manering

The Academic Matters Committee will meet following the Executive Committee on Thursday, March 22, 2012, 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 8, 2011, Meeting (enclosure)
2. Information Report: *Success at Southern Illinois University / Fiscal Year 2011 Performance Report* (enclosure)
3. Presentation: *SIUC Online: Reaching today's and tomorrow's students*
Presenters: Gayla Stoner, Director, Office of Distance Education and Off-Campus Programs
Suzanne Nasco, Associate Professor, College of Business
4. Other Business

I look forward to seeing you at the meeting.

Sincerely,

Paul D. Sarvela

Vice President for Academic Affairs

/am

Enclosures

cc: Jeff Harrison
Roger Herrin
Mark Hinrichs
John Simmons
Marquita T. Wiley

Glenn Poshard
Rita Cheng
Vaughn Vandegrift
Constituency Heads
Other Interested Parties

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 8, 2011

The Academic Matters Committee met at 9:13 a.m. on Thursday, December 8, 2011, in Ballroom B in the Student Center at Southern Illinois University Carbondale. Present were: Ed Hightower, chair, Michelle Hook Dewey, Don Lowery, and Donna Manering. Other Board members present were: Jeff Harrison, Roger Herrin, Mark Hinrichs, and John Simmons. Board member absent: Marquita Wiley. Executive Officers present were: President Glenn Poshard; Chancellor Rita Cheng, SIUC; Chancellor Vaughn Vandegrift, SIUE; Vice President Paul D. Sarvela; and Senior Vice President Duane Stucky.

Minutes

Motion was made by Trustee Don Lowery to approve the minutes of the November 10, 2011, meeting. The motion was duly seconded by Trustee Michelle Hook Dewey and passed by Committee.

Recommendation for Distinguished Service Award, SIUC [Larry Bailey] (Board Agenda Item K)

Recommendation for Distinguished Service Award, SIUC [Brocton Lockwood] (Board Agenda Item L)

Recommendation for Honorary Degree, SIUC [Deirdre McCloskey] (Board Agenda Item M)

Chancellor Rita Cheng commented on the accomplishments of Larry Bailey, Brocton Lockwood, and Deirdre McCloskey. She recommended that Distinguished Service Awards be granted to Mr. Bailey and Judge Lockwood and that an honorary Doctor of Humane Letters degree be awarded to Dr. McCloskey.

Recommendation for Distinguished Service Award, SIUE [Paige St. John] (Board Agenda Item N)

Recommendation for Honorary Degree, SIUE [Fernando Aguirre] (Board Agenda Item O)

Chancellor Vaughn Vandegrift commented on the accomplishments of Paige St. John and Fernando Aguirre. He recommended that the Distinguished Service Award be

granted to Ms. St. John and that an honorary Doctor of Humane Letters degree be awarded to Mr. Aguirre.

Trustee Michelle Hook Dewey recommended approval of Board agenda items K through O and that they be placed on the Board's omnibus motion. The motion was duly seconded by Trustee Don Lowery and was passed by the Academic Matters Committee.

Information Report: Southern Illinois University Quality Assurance Activities

Vice President Sarvela provided an overview of the quality assurance activities taking place on the SIU Carbondale, SIU Edwardsville, and School of Medicine campuses. He noted that the SIU Quality Assurance Activities report covered topics ranging from full institutional accreditation to program review and program-specific accreditation, as well as staff and faculty reviews.

In response to Trustee Donna Manering's question of whether the report was available online, Vice President Sarvela stated that it was.

Presentation: SIU Carbondale – Blending Campus Assessment and Professional Accreditation

Associate Provost James Allen discussed assessment of student learning and accreditation. Associate Dean Lizette Chevalier provided an overview of program accreditation in the College of Engineering. Dean Dennis Cradit talked about accreditation for programs in the College of Business.

Committee Chair Ed Hightower asked whether the campus was seeing a decline in student enrollment in the Colleges of Business and Engineering.

Dean Cradit responded that enrollment in the College of Business has declined because of the recession. He noted that two years ago, freshmen and high school seniors who indicated their degree interest in business was at the lowest level since the 1970s, but the interest in business as a major was coming back. New freshman declaring accounting as their major increased 75 percent this last fall.

Associate Dean Chevalier indicated that the College of Engineering has seen a slight dip in enrollment, but the decline is something that is seen statewide as well as nationwide. She added that the college, however, continues to advocate for the excellence of its programs in its attempt to increase enrollment.

Board Chairman Roger Herrin stated that he was impressed with the quality of this institution and the standards that have been brought to the table and delivered over the years.

Other Business

Having no further business before it, the Academic Matters Committee adjourned at 10:02 a.m.

PDS/am

SUCCESS
AT
SOUTHERN ILLINOIS UNIVERSITY

FISCAL YEAR 2011
PERFORMANCE REPORT

SUBMITTED BY THE
OFFICE OF ACADEMIC AFFAIRS
TO THE
SOUTHERN ILLINOIS UNIVERSITY BOARD OF TRUSTEES
MARCH 2012

TABLE OF CONTENTS

SOUTHERN ILLINOIS UNIVERSITY	1
SOUTHERN ILLINOIS UNIVERSITY CARBONDALE.....	5
SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE.....	19
SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE.....	31

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY

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 2011 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 2,193 children in its Head Start programs in Jackson, Madison, St. Clair, and Williamson Counties in FY 2011.
- SIU reached 3.2 million people, including preschool through university students and their teachers, with educational services through public media during FY 2011.
- SIU Carbondale brought together 10 campus departments creating the University College, to better serve the students.
- SIU Edwardsville established student success as one of its five “academic affairs imperatives,” which has had a major effort on increasing retention and graduation rates. The six-year graduation rate at SIUE has increased from 44.8 percent in 2005 to 51.4 percent in 2010.
- Approximately 24 percent of the total student SIU population is minority (Black, 15 percent; Hispanic, 4 percent).
- Forty-nine percent of SIU's population is female students.
- SIU confers more than 8,464 degrees annually.

ADULTS REENTERING EDUCATION

RECOMMENDATION 2

- Through SIU in FY 2011, regional citizens earned 2,305 CEUs (Continuing Education Units); 1,884 students enrolled in 134 ILP (Individualized Learning Program) courses; and 3,205 students enrolled in 202 Web-based online semester courses.
- SIU offered 30 baccalaureate completion programs at Illinois community colleges, including an online nursing program and an online information systems technology program.
- SIU School of Medicine provided continuing medical education to over 3,600 doctors and other health providers in FY 2011.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY

GEOGRAPHIC DISPARITIES

RECOMMENDATION 3

- SIU offered approximately 34 capstone programs with community college partners in FY 2011.
- SIU participated actively with community colleges via the SICCM and SIHEC consortia.
- SIU provided degree programs and courses at 51 off-campus sites in Illinois in FY 2011.
- SIU is a charter member of the University Center of Lake County and provided eight degree completion programs at the center and six degree completion programs online in FY 2011.

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 the lowest tuition and fee rates in the state, and SIUC has the lowest tuition and fee rate among doctoral institutions.
- Federal, state, institutional, and private scholarships, loans, and employment provided more than 31,100 students, or 79 percent of the student population, with a total of \$426 million in support in FY 2010.
- SIU provided approximately \$150 million in grants, scholarships, and waivers to more than 18,800 students, or 60 percent of the financial aid-eligible student population, in FY 2010.
- SIU provided over \$44 million in wages to more than 6,800 students through student work programs in FY 2010.

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 7,728.
- 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.
- SIU makes extensive use of external reviewers to evaluate academic programs.
- At least 111 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 many transition programs that help students move to the next educational level. For example, the MEDPREP program has helped 1,264 disadvantaged and minority students prepare for careers in medicine, dentistry, and other health care professions.

SIU offers a substantial number of programs for students transitioning from the military to the University. Both campuses have been recognized by the military for their work with former military students.

FIELDS OF CRITICAL SHORTAGES

RECOMMENDATION 3

- Nursing enrollment has increased to 640 undergraduate and 217 graduate students.
- Pharmacy enrollment continues to increase, enrolling 319 students.
- SIU Edwardsville is partnering with SIU Carbondale to implement a nursing program in Carbondale. In addition, the University prepares many other allied health professionals in fields such as dental hygiene and physician assistant.
- Special education student enrollment is over 260 undergraduates and 70 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.

- Economic impact studies suggest that SIUE contributes \$471 million to the region, and SIUC contributes \$2.3 billion to the state of Illinois in economic impact.
- SIU's funding from grants and contracts passed \$129 million in FY 2011, 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 2011.
- 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. For example, the SIUE National Corn-to-Ethanol Research Center facilitates the commercialization of new technologies for producing ethanol. The SIUC Dunn-Richmond Economic Development Center works with faculty and members of the community to develop small businesses, houses the Illinois Manufacturing Extension Center, and assists in technology and enterprise development. For example, regarding technology transfer, SIUC faculty filed 16 patent applications last year.

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, SIUC 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 SIUC 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 SIUC 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. SIUC 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

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.

Southern Illinois University Carbondale has many accomplishments to be proud of in the last year, but one in particular is that SIU Carbondale moved up in this year's listing of "Best National Universities" to 170 from its ranking a year ago at 183 in the annual *U.S. News & World Report* rankings. Among all public institutions, SIUC ranked 94th. SIU Carbondale is also one of the best universities in the Midwest, according to the latest Princeton Review's "Best of the Midwest" ranking profiles.

U.S. News & World Report Rankings – Illinois Universities

School	2011-2012 Change	2012 Rank	2011 Rank
University of Chicago	+4	5	9
Northwestern University	No Change	12	12
University of Illinois - Urbana Champaign	+2	45	47
Illinois Institute of Technology	No Change	111	111
Loyola University Chicago	-2	119	117
DePaul University	+4	132	136
University of Illinois - Chicago	-7	150	143
Illinois State University	-4	160	156
Southern Illinois University - Carbondale	+13	170	183
Northern Illinois University	Moved to 1 st Tier	194	Second Tier



STUDENT SUCCESS

RECOMMENDATION 1

In accord with the vision and framework developed over the past two years to improve the success of its incoming students—both at the university and in their life beyond—SIU Carbondale has expanded its commitment to its teaching mission by incorporating best practices regarding *Student Success* in two major ways: expansion of many of the programs under the Saluki First Year (SFY) and enfoldng it in the University College, a campus-wide administrative unit focusing on the success of students in their early years.

Expansion of Saluki First Year (SFY) and its programs:

- New Student Orientation and Saluki Startup were successful, with assessment results consistently finding that the great majority of students and their families who attended found it positively influenced their decision to attend SIU

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

Carbondale, and worthwhile in their transitioning to the University, in their understanding of campus resources, and in setting their academic expectations, with 95 percent recommending it to incoming first-year students.

- Attendance at New Student Orientation is correlated with a first-year GPA improvement of half a point (0.5 on a 4.0 scale) on average.
- Average retention increased by one percentage point from 68 to 69 percent from freshman to sophomore year.

University College:

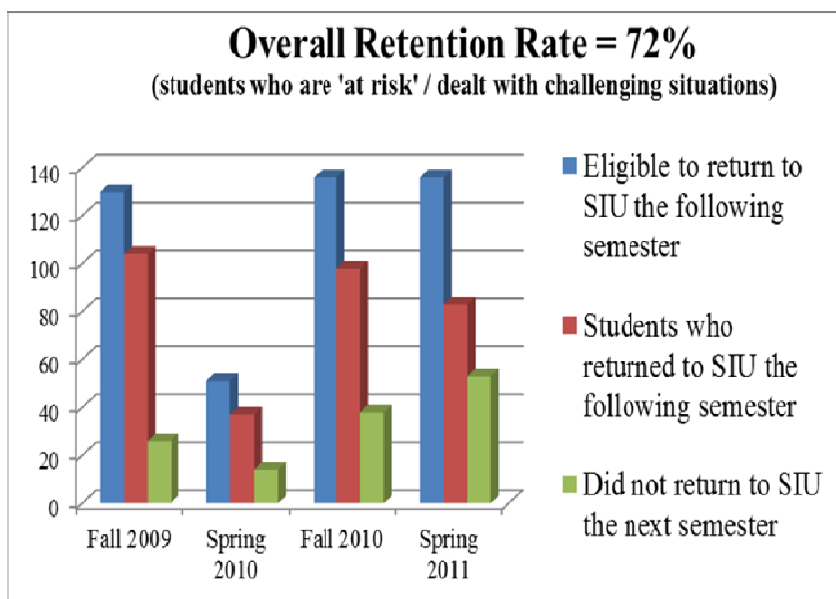
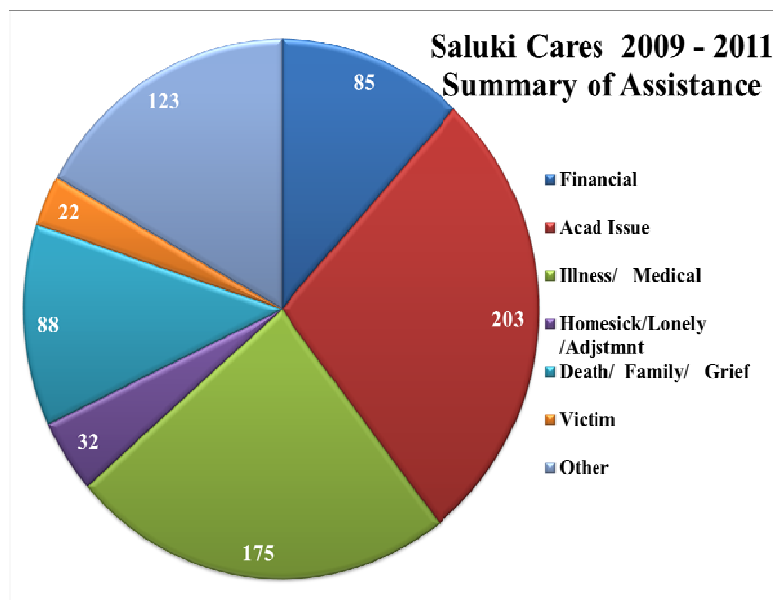
- Brought ten campus departments, most focused on student success, together into one cohesive unit, the University College. This new model includes the University Core Curriculum, the University Honors Program, and two macro-units: Student Success (New Student Programs, Learning Support Services, and Career Services) and Saluki First Year (Center for Academic Success, Pre-Major Advisement, Student Support Services, and First Scholars).
- In concert with the Department of Mathematics, the University College has established a Math Lab offering tutoring in a variety of math courses; additionally, the Department of Mathematics has instituted new pedagogies in its entry-level courses.
- The Department of English is running seven pilots to investigate alternate pedagogies to remediate students lacking in basic skills.
- A First-Year Advisement Committee met regularly over the year and has generated a report recommending best practices in advisement. These recommendations are being considered and implemented.
- SIU Carbondale welcomed its first cohort of First Scholars (recipients of the Suder Foundation's first-generation scholarship/program) to campus and is closely monitoring their progress.
- Faculty Senate passed a resolution to incorporate into the University Core Curriculum a required student-success course (without expanding the total credit hours in the Core).

Additional *Student Success* efforts:

- SIU Carbondale intensified its partnerships with local community colleges, hosting a day-long summit of their presidents and staff, and hosting another day-long meeting with their advisement staffs. One topic of discussion was an effort to streamline the process of students moving from community colleges to four-year universities without acquiring extra credit hours that would not transfer.
- Faculty Senate endorsed a reduction in the posted senior institution hours (from 60 to 42) required of community college transfer students to graduate from SIU Carbondale. Exception to this policy will be clearly indicated program by program to ensure proper advisement both before and after students transfer to SIU Carbondale.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

- Saluki Cares expanded the personnel devoted to a university-wide program that assists students and families via a coordinated effort of care and support. Saluki Cares offers a supportive and encouraging partnership with students by linking them with appropriate resources to overcome barriers to success—both personal and educational.



- Diverse: Issues in Higher Education* published its annual Top 100 Undergraduate Degree Producers and Top Degree Producers among graduate and professional programs. SIU Carbondale earned recognition in 20 undergraduate and 15 graduate categories, including, once again, a remarkable top ranking for bachelor's degrees in education awarded to African American students.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

- The National Security Agency and U.S. Department of Homeland Security designated SIU Carbondale's Information Systems Technologies program as a National Center of Academic Excellence in Information Assurance Education.
- Morris Library now offers students 24-hour-per-day access, five days a week, to study areas on the first floor. The library is pursuing the purchase of a significant collection of streaming videos that will be available campus-wide and at home to authorized users. The collection will contain several thousand high-quality videos for education and research and will cover such topics as American history, counseling and therapy, dance, nursing, world history, and filmmakers. This will be an important new resource for classroom use as well as for distance education programs and students.



- The College of Science spearheaded a new program that will transform the way SIU Carbondale engages middle school students in science. This \$3.25 million project funded by the National Science Foundation will provide science and teaching knowledge and training for 20 Master Teaching Fellows in the high-need fourth through eighth grade schools of rural Southern Illinois. Each fellow will be supported for five years and will gain mastery by conducting research at the Cache River Wetland.
- SIU Carbondale engaged the services of a nationally recognized academic advising consultant, Dr. Lynn Freeman, during the summer. Dr. Freeman visited campus and met with key stakeholders involved and/or interested in the undergraduate advisement process including students, advisors, chief academic advisors, Enrollment Management directors, New Student Programs, deans, and other administrators. SIU Carbondale plans to take steps to improve academic advising for our students as a cornerstone of retention.
- The University continued to engage students in undergraduate research and creative activities through formal programs like REACH, the McNair Scholars, and the Research Rookies. These programs create opportunities for student success as faculty members provide mentoring and academic coaching while students engage in hands-on practical learning experiences. Many participants are members of underrepresented groups, including women, ethnic minorities, first generation, or students from a lower socioeconomic status, in their disciplines, particularly STEM fields. For fall 2011, REACH awarded 23 students

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

grants, McNair Scholars supported 26 students, and Research Rookies had 22 students take advantage of its program.

- Students continue to enjoy opportunities to become involved in undergraduate research and creative activities through the Undergraduate Assistantship program. These opportunities enhance student success by providing paraprofessional positions working with a faculty member in the student's academic discipline or potential career area.
- The School of Law developed an Academic Success program that provides opportunities for students to master the skills of legal analysis needed to succeed in law school. It also offered a free bar preparation program that included workshops and simulated essay exams that enhance the preparation students receive through commercial bar courses.

ADULTS REENTERING EDUCATION

RECOMMENDATION 2

Increasing the number of quality degree programs and certificates offered online demonstrates an alternative recruitment tool to reach adult students. Understanding today's student needs for distance education degree program delivery while staying aware of the current technology happenings are vital to the continued success of the distance education initiative. Results of campus efforts to enable technology enhanced courses and programs are listed below. These efforts will increase the ability of adults to reenter and complete postsecondary credentials. The University:

- Established the Office of Distance Education and Off-Campus Programs to extend the academic and service mission beyond the physical boundaries of the campus.
- Created the Center for Teaching Excellence to serve as the central unit for providing comprehensive leadership for teaching and learning throughout the campus.
- Launched a central distance education and off-campus website to reach adult students with straightforward and up-to-date informational resources.
- Adopted a new learning management system purchased from Desire2Learn to replace Blackboard for all on-campus Web-based courses as well as off-campus online courses.
- Centralized student registration for distance education courses and programs to the Office of Registrar that provides flexible online enrollment procedures for the adult student.
- Expects 75 online courses and 90 off-campus courses to be taught in spring 2012.

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

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

- Established the Veterans Center to holistically support veterans and military in the successful transition from active duty to the classroom. Since opening its doors, SIU Carbondale's Veterans Center remains in the spotlight. Each year SIU Carbondale receives awards from military and veteran publications and tens of thousands of grant dollars for direct service to veterans in higher education. SIUC's peer-to-peer approach ensures that veterans have an advocate for a variety of issues encountered during the application phase through their degree completion.
- Offered undergraduate and graduate degree programs on 24 military bases and multiple civilian sites focused on nontraditional students (adults) who return to school to complete their degree.
- Two scholarships are provided for nontraditional students at SIU Carbondale:
 - Non-traditional Student Services Activity Scholarship for a nontraditional exhibiting need, academic progress, and campus involvement, and
 - Piper McMahan Endowed Scholarship for a current nontraditional, non-freshman undergraduate enrolled full-time with a high school degree from Jackson County, Illinois.
- Offered the Saluki Single Parent Program, a University-sponsored program that assists the single-parent student.

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

- Served 550 students with permanent and temporary disabilities.
- Administered and proctored 1,836 academic exams.
- Converted 334 textbooks into electronic or alternative format.
- Served 136 nondisabled veterans through the IDVA grant.

GEOGRAPHIC DISPARITIES RECOMMENDATION 3

Academic programs offered online are flexible and convenient for adults who require alternative schedules. Actions taken to inspire flexible and cutting-edge design of online course development have been supported through an online course development grant offered to faculty members campus-wide. New distance education courses will increase access to postsecondary credentials for adult learners. In addition, delivery of these courses will be designed to meet the needs of nontraditional adult students as well as traditional students.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

New agreements with regional community colleges have been established since May 2011. Partnerships with regional community colleges to offer distance education programs and courses have been strengthened through the following actions. The University:

- Created collaborative websites offering 15 online and on-site courses.
- Participated in on-site community college registration events.

Approved distance education programs in 2011:

- Bachelor degree completion in Business Administration in the College of Business
- Master's in Manufacturing Systems in the College of Engineering

Initiated Summer 2011 Online Course Development Grant:

- Awarded to 15 faculty members
- Sixteen new online courses in spring 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.

The Board of Trustees approved the distance learning tuition rate in February 2011. This rate is a direct response to new technologies and changing student expectations. The distance learning fee enables the necessary infrastructure and development capabilities to continue forward movement by delivering alternative programs and courses. The chancellor's approval to offer distance education courses at the in-state tuition rate creates affordability for low-income families as well as the adult student with existing financial commitments. As a result, enrollment and expansion of academic program offerings to the growing segment of adult learners have greatly increased.

- New distance learning tuition rate became effective this year for online and off-campus courses and programs.
- Tuition for online academic programs was aligned with the tuition for on-campus programs.

The provision of scholarships and recent endowments at SIU Carbondale will assist in meeting the needs of low-income students and provide research-funded opportunities. SIU Carbondale also offered an alternate tuition rate of 1.0 times the in-state rate for students from the states of Missouri, Indiana, Kentucky, Tennessee, and Arkansas. In addition to this in-state tuition rate for many bordering states, SIU Carbondale offers an alternate tuition rate under the Geographic Enhancement Plan: Southern Illinois Talent Retention, to be known as the Southern Stars Tuition Rate (more information below). It

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

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).

- The Southern Stars Tuition Rate:
 - Continued to address the financial needs of students who might not be able to take advantage of the opportunities afforded by attending SIU Carbondale, the comprehensive major university within their own region, without additional funds.
 - Kept SIU Carbondale competitive with out-of-state public and/or private institutions that might offer financial incentives to lure bright students out of the region.
 - Provided the natural opportunity for SIU Carbondale faculty and administrators to form partnerships with small, rural school districts that may not yet be able to offer a rich curriculum and to develop stronger programs and alternative pathways via dual enrollment at area community colleges for bright southern Illinois students.
 - Supports 109 registered students taking advantage of the Southern Stars Tuition Rate in fall 2011.
- Legacy Tuition Rate:
 - Initiated in fall 2011 for new freshmen or transfer undergraduate students who have parent(s) or legal guardian(s) who are graduates of SIU Carbondale. These students pay an alternate tuition rate of 0.80 times the applicable in-state or out-of-state rate for undergraduate students guaranteed for four years.
 - Supported another 355 students in fall 2011.
- Increased the university-wide academic scholarships annual award from \$3,000 to \$7,000 and increased need-based grant funding by \$500,000 for a total of \$2.95 million.
- Allocated \$1.5 million in new tuition waiver funding to talented Illinois residents with financial need.
- Changed the packaging policy in the Financial Aid Office to better utilize the limited amount of institutional financial aid. Institutional aid was awarded to students who had a 2.0 GPA or higher at the time of packaging.
- Awarded \$5.15 million through the Illinois Veteran Grant, Illinois National Guard, and MIA-POW awards to 835 students with little or no reimbursement from the State of Illinois.
- Funded approximately 150 Undergraduate Assistantship positions this year. Students work 10-20 hours per week and are paid \$10 per hour.
- Provided several scholarship programs to middle-income students and encouraged such students to engage in research-based learning opportunities in their fields of study.

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.

Educating the workforce by increasing high-quality, post-secondary credentials is achieved at Southern Illinois University Carbondale through internships in areas of critical skills shortages and by establishing collaboration between community colleges and employers that allow full-time employees to receive financial assistance while completing their bachelor degree. Professional development workshops are offered in the evenings in several colleges and departments. Supplementary endeavors to improve the number of educated employees, assist with educational transitions, and increase fields with critical skills shortages are compiled under the following recommendations.

HIGH-QUALITY POSTSECONDARY CREDENTIALS

RECOMMENDATION 1

- Provided curation facilities and excavation experiences through our Center for Archaeological Investigations for students that give them a leading edge in the job market.
- Approved high-quality new degrees and certificates to increase the opportunity for people to receive a post-secondary credential. Some include:
 - Bachelor of Arts in International Studies
 - Bachelor of Science in Geosciences
 - PhD in Criminology and Criminal Justice
 - Bachelor of Arts in Art History and Visual Culture
 - Certificate in Instructional Systems Design Specialist (online)
 - Certificate in Event Planning and Management (online)
 - Certificate in Histotechnology
- Welcomed 122 new JD students, 7 MLS students, and 6 LLM students in the School of Law. Despite a national trend of declining applications, SIU Carbondale JD applications were up by 6 percent compared to last year. In addition, SIU Carbondale increased admitted student selectivity in the entering class by 4.8 percent. (Nationally, 9.9 percent fewer students applied to law schools and the overall number of applications declined by 11 percent.)

The University is responding to the state's needs for quality programs, as specified by Public Act 97-320 creating the Higher Education Performance Funding Steering Committee. SIU Carbondale Chancellor Rita Cheng and SIU Carbondale Professor Allan Karnes are participating members of this state-wide committee, which has been charged "to devise a system of performance metrics by which the Illinois Board of Higher Education (IBHE) shall allocate funds to public institutions of higher education"

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

for Fiscal Year 2013. At the campus level, the University is working on its own metrics of performance quality in response to pressing fiscal realities in the state. Three SIU Carbondale committees are examining academic policies, budgetary allocation formulas, and program change rubrics. The results of these deliberations will be evident before the end of Fiscal Year 2012.

Similarly, the University continues to participate actively in the Higher Learning Commission's Academy for the Assessment of Student Learning. Since November 2009, the Saluki First Year (SFY) Program in the new University College, in cooperation with the Office of Assessment and Program Review, has focused on defining learning competencies, creating instruments to measure their achievement, collecting data on learning outcomes, and revising the newly required (for fall 2012) student success courses based on the assessment results. Because SFY instructors are drawn from nearly every college on campus, the driving force behind this assessment effort is the quest to create a culture of transformative inquiry everywhere, not just in the SFY program.

IMPROVE TRANSITIONS RECOMMENDATION 2

Transfer student enrollment grew by 3.2 percent, continuing a trend from last year. Clearly SIUC's renewed focus on this critical area is having a positive impact. In addition to creating an Office of Transfer Student Services, SIUC has revitalized the SIU Carbondale Centers at the regional community colleges. We increased the staff presence and added training, technology, and connectivity. The chancellor made visits to several community colleges in the region and in the Chicago area, and is also hosting an ongoing series of community college retreats designed to enhance the University's partnerships. Additionally, SIUC is working with its seven southernmost community colleges to offer courses to their students. Other ways SIUC is hoping to improve transitions include:

- Expanded orientation and Saluki Startup were enhanced to focus more directly and more thoroughly on issues of transition from high school to university and to offer students more information regarding resources on campus.
- Began a new retention program in the College of Business for students who have shown previous academic difficulty and would like to continue in the college either as a readmitted student, reinstated student, or a new student to the college from a change in major. STARS (Steps Toward Academic Responsibility and Success) allows for the college to provide an integrated support network from academic advisement, enrollment management, and the student's major department.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

FIELDS OF CRITICAL SHORTAGES

RECOMMENDATION 3

- Joined forces with SIU Edwardsville to make a baccalaureate program in nursing (BSN) more accessible to the southern part of Illinois and to address the critical nursing shortage. Students who complete the SIU Edwardsville Regional Nursing Program will earn their BSN degree from SIU Edwardsville but have the convenience of attending all their pre-nursing and nursing courses at the SIU Carbondale campus. Fall 2011 enrollment for the Pre-Nursing program is 158, up 26 students from last fall.
- Graduated students in seven health care professions including Dental Hygiene, Health Care Management, Mortuary Science and Funeral Service, Physician Assistant, Physical Therapy Assistant, Radiologic Sciences, and Medical Dosimetry. These graduates hold the necessary educational credentials for licensure/certification in their respective disciplines.
- Submitted several major grant applications this year to expand the financial resources available to students for enrolling at SIU Carbondale and participating in degree and research-based programs. Among successful efforts are the Green Scholarships funded by NSF, the GK-12 Heartland program, and the McNair Scholars program, the NSF Math and Science Partnership grant to link K-12, community college, and the College of Science educational improvement.
- Initiated a new specialization in Chemistry Education designed to address a critical need by training qualified chemistry teachers at the K-12 level.

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 keeping with its outreach and research missions, the University:

- Will provide the opportunity for partnerships with private automotive and aviation companies in the development and testing of alternative fuel engines with the July 2012 scheduled completion of the \$63 million Transportation Education Center. Two companies have already expressed interest in using the aviation facility to test alternative fuel engines.



SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY CARBONDALE

- Expanded and enhanced the Saluki Student Investment Fund (SSIF) program so that now 60+ students manage approximately \$1 million of assets for the SIU Foundation. This activity provides invaluable experience for students and involves them in market research activities before they enter the investment management workforce in the state and region.
- Is assisting Olive Branch, Illinois, a town of 800 residents who suffered major damage this spring from flooding on the Ohio River, move the town. This is an enormously complex project that will take a couple of years.
- Hosted a workshop with local fish farmers to provide information outreach about best practices and provided educational outreach to local schools, including the addition of Fish U, a summer camp for high school students interested in fishing and aquatic sciences.
- Assisted faculty in the research on coal gasification and liquid fuels synthesis from coal and collaborated with Argonne National Laboratory and National Cheng Kung University from Taiwan on the organization of an energy workshop.
- Supported faculty in the Colleges of Science and Engineering and in collaboration with the Illinois Department of Transportation to assist the State of Illinois with assessment of the health of bridges. An additional task of remotely monitoring the temperature at different elements on the bridge was added to the project.
- Established two new start-up companies based on University inventions with help from the Technology Transfer Program. The program negotiated a license to University inventions with one existing start-up company to facilitate receipt of over \$4.6 million in outside venture capital investment and included a substantial equity share for the University. Of the new start-up companies, one has obtained space in the Southern Illinois Research Park and has been awarded nearly \$1 million in research and development funds for scale-up work.
- Raised awareness, in business and industry, of SIU Carbondale as a center of technology and innovation with the second annual Technology and Innovation Expo.
- Negotiated an exclusive license for the University's invention involving the conversion of carbon dioxide to methanol with a Houston company.
- Launched the Saluki Proof of Concept Fund to enhance commercial viability of University inventions. The first project was just approved.

Selected Technology Transfer Statistics			
Number of Inventions Disclosed	Licenses/Options	U.S. Patent Applications Filed	U.S. Patents Issued
25	4	16	6

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.

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.

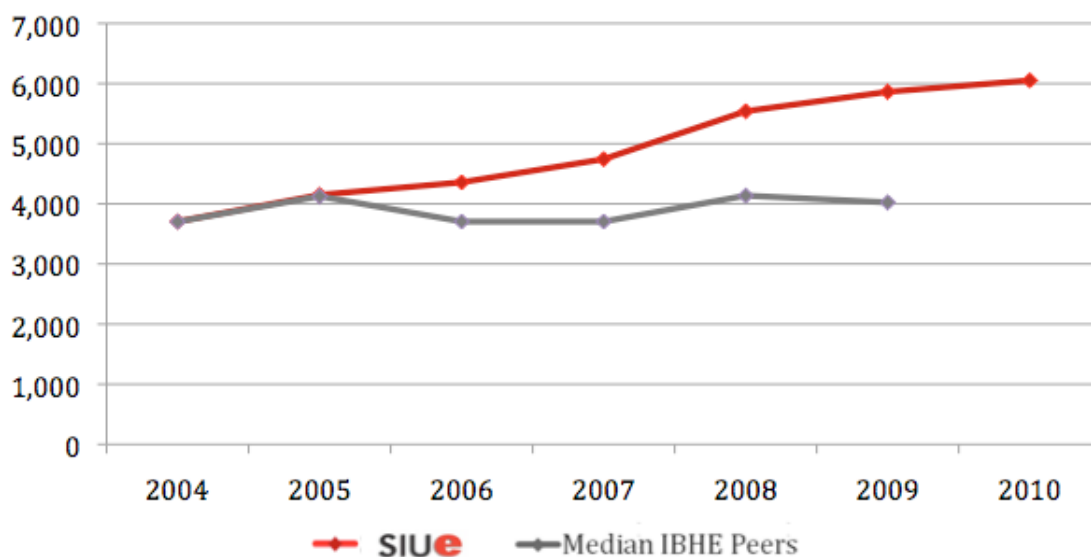
RECOMMENDATION 3: Reduce geographic disparities in educational attainment.

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 *Public*

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

Agenda. Through striving to realize its vision, SIUE attained notable recognition in the past year. Enrollment at SIUE reached an all-time high in fall 2010. Total enrollment climbed to 14,133, and a record undergraduate enrollment was supported by a record freshman class of 2,032. This marked the third year of overall enrollment growth at SIUE. It is the sixth consecutive year of growth in the size of the freshman class that has increased by 18 percent since fall 2004. Every year since 2005, SIUE has admitted more students than its IBHE peers.

SIUE admits more students than the IBHE peers



In addition to unprecedented growth, SIUE continues to be recognized for the quality of its programs and services to students. For the second consecutive year, *U.S. News & World Report* designated SIUE as one of the 68 “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 the sixth year SIUE was recognized for its outstanding Senior Assignment capstone experience program. For seven consecutive years, SIUE was among the top 20 Midwestern master’s universities. The *Washington Monthly* ranks SIUE among the Top 50 master’s-granting private and public colleges and universities. These rankings are based on institutions’ commitment to the public good in three broad areas: Social Mobility, Research, and Service. *The Daily Beast* listed SIUE as the 21st safest residential campus with enrollment over 6,000 students. SIUE ranks at the top of its IBHE peers for federal funding of research grants and contracts. During the 2010–2011 academic year, the University’s faculty and staff were awarded nearly \$34 million in external support for conducting a wide range of scholarly inquiry and supporting teaching and service initiatives.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

STUDENT SUCCESS

RECOMMENDATION 1

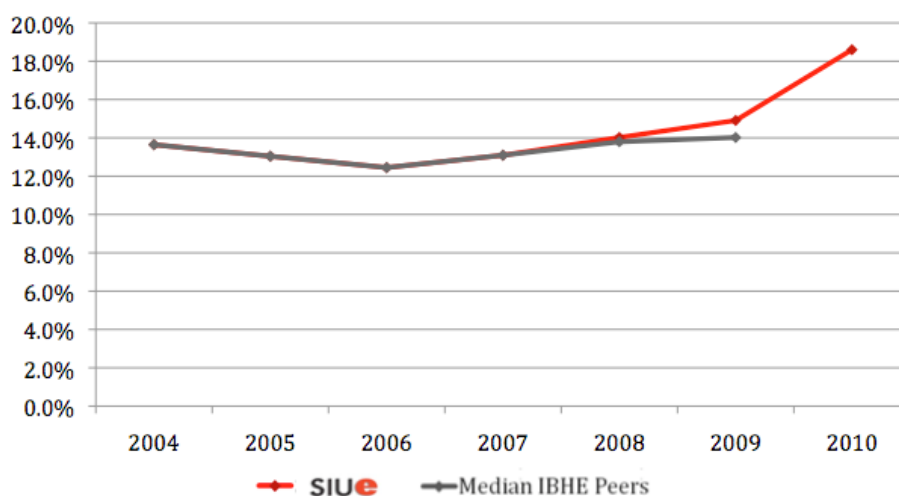
In recognition of its importance at SIUE, *Student Success* has been established as one of the five Academic Affairs Imperatives. The Academic Affairs Imperatives are intended to serve as strategic guidelines to promote and achieve an academic environment at SIUE characterized by vibrant learning and discovery, productive scholarship, insightful interaction, and professional achievement by faculty, staff, and students in an atmosphere of mutual support and collegiality. Within the Student Success Imperative, a Retention Framework has been established in which:

- The retention program is designed within the context of the SIUE Strategic Plan and the Presidential Goals—short-term goals expressed within long-term goals.
- Retention program implementation is an *integrated team approach* between Academic Affairs and Student Affairs.
- Implementation is assigned to specific units with timelines.
- Grounded in a campus culture of assessment, the retention program impact will be measurable using evidence-based trend analysis compared against meaningful benchmarks.

The Retention Framework has resulted in the following successes:

- The six-year graduation rate has increased from 44.8 percent in 2005 to 51.4 percent in 2010.
- In 2005, 15 percent of the SIUE student body was made up of minority students; in 2010 the percentage rose to 20.9 percent. (Note: This is the first year of the new race/ethnicity reporting. The reported percentage includes Black, American Indian/Alaskan Native, Asian, Hawaiian or Pacific Islander, Hispanic, and Multi-Racial and excludes Non-Resident Aliens, Whites, and Unknowns.)

SIUE has increased underrepresented student enrollment

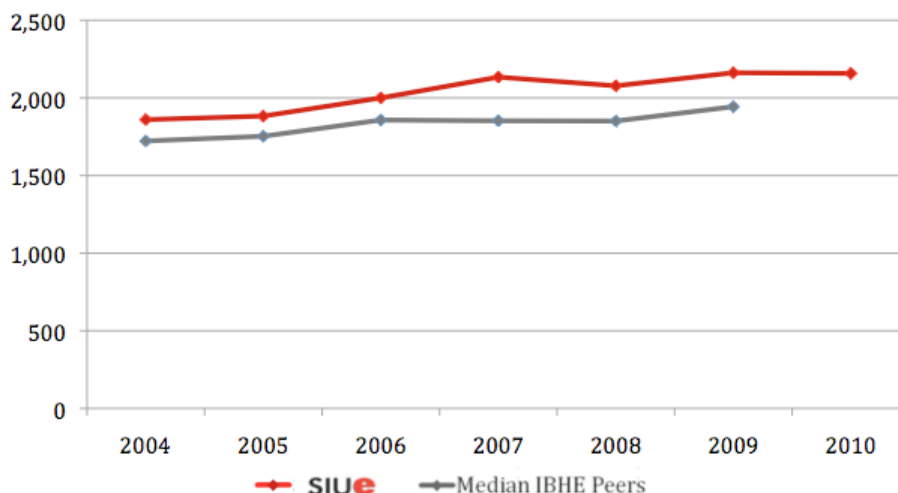


Note: Change in race/ethnicity definitions 2008 forward: minorities include Black, Asian, Hispanic and, after 2008, includes two or more races.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

- Baccalaureate degree recipients increased from 1,860 in 2005 to 2,158 in 2010.

SIUE has a slightly larger undergraduate degree production than the IBHE peers median



- In 2010, women earned 57 percent of the baccalaureate degrees conferred; this percentage is the same as the average of the previous four years.
- An expanded scholarship program was implemented to include a new option for the University's neediest students and a strengthened option to recruit a larger percentage of high-achieving students, particularly students from underrepresented backgrounds. Scholarship offers to high-achieving students increased 117 percent from 2009-2010 to 2010-2011, with acceptances increasing 83 percent and the total amount of the awards increasing 104 percent. Acceptance of 2010-2011 scholarship offers for underrepresented students increased 133 percent from 2009-2010, with the total dollar amount of the acceptances increasing by 196 percent.
- Pass rates for professional fields continue to be near or above the state/national average:

Field	Examination for Licensure	2009			2010		
		# Students	Pass Rate (%)		# Students	Pass Rate (%)	
			Institutional	State/National		Institutional	State/National
Dentistry	National Dental Board Exam, Part II	45	91.1%	NA/80.4%	NA	92%	NA/NA
Nursing	National Council Licensure Exam, RN	162	77.0%	91.0%/88.0%	173	79.2%	NA/87.2%
Education	Assessment of Professional Teaching	388	96.0%	96%/NA	351	98.49%	NA/NA
Speech-Language Pathology	National Examination in Speech-Language Pathology	25	100%	NA/90.0%	NA	100%	NA/NA
Pharmacy	North American Pharmacist Licensure Examination	73	100%	91.9%/78.2%	79	96.19%	89.8%/89.3%

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

In 2009–2010, SIUE expanded opportunities for students to participate in undergraduate scholarly activities. The Undergraduate Research and Creative Activities (URCA) Program started in fall 2009. The URCA program is designed to get undergraduate students more involved with research and activities through collaboration with faculty. Students can apply for a year-long position where they design and lead their own project, or a semester-long position where they assist a faculty member on her/his research or creative scholarship. Currently, approximately 20 percent of eligible faculty members are participating in the URCA program as a faculty mentor for an undergraduate student.

Semester	Faculty	Student Applications	URCA Funded Students	Volunteer Students	Total Student Participation
Fall 2010	75	338	75	31	106
Spring 2011	79	298	78	37	117

Not only can program success be seen in the number of participants, students are demonstrating remarkable outcomes. Forty-three students co-authored professional presentations, at conferences such as the National Chemical Society, The Society for American Archaeology, and the Society for Personality and Social Psychology. Additionally as a result of their scholarship through URCA, three students have publications "in press." Both students and faculty rate the URCA program highly; in fact, 98 percent of the students said they would recommend the URCA program to another student.

ADULTS REENTERING EDUCATION RECOMMENDATION 2

Approximately four years ago, SIUE developed a contemporary redesign of the Office of Continuing Education to establish the Office of Educational Outreach. The mission of the Office of Educational Outreach is to coordinate and expand the University's resources to enable undergraduate, graduate, and professional students, often limited by preparation, time, place, or resources, to complete their educational/professional goals in a timely and convenient manner. This program also serves to enhance the leadership role of SIUE in the greater Metro East community through community service, educational outreach, and professional development programs. 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 workshops in partnership with the SIUE Alumni Association including Fundraising 101, Making a Career Transition, Speed-networking, and Grant Writing.
- Worked with the Regional Office of Education (ROE) to coordinate and support eight professional development programs serving approximately 400 teachers and administrators.
- SIUE currently offers off-campus cohorts catering to adults reentering programs in Education and Nursing in the following locations:

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

- Southwestern Illinois College – Red Bud
- Southwestern Illinois College
- South Roxanna School
- Marie Schaefer 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 Elementary School

GEOGRAPHIC DISPARITIES

RECOMMENDATION 3

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

- Establishing off-campus programs with Barnes Jewish Christian Center for Lifelong Learning, Anderson Hospital, the Regional Office of Education in Madison County, Boeing, Edwardsville/Glen Carbon Chamber of Commerce.
- SIUE received approval from IBHE and HLC to deliver a new online Doctor of Nursing Practice program and a Doctor of Education in Educational Leadership. The University also received approval to offer a Graduate Professional Development Sequence in Healthcare Informatics.
- Enrollment in off-campus offerings increased 33 percent from 2008–2010 and then an additional 1.3 percent from 2010–2011.

With a focus on empowering people and strengthening communities, the SIUE East St. Louis Center is dedicated to improving the lives of families and individuals, from pre-school through adult, in the Metro East area. Through research and community outreach, the East St. Louis Center identifies urban community needs and opportunities, playing a wide role in SIUE's baccalaureate, professional, and master's programs by supporting clinical and practicum experiences. Head Start/Early Head Start, the East St. Louis Charter School, and the performing arts center are among the 12 programs that offer the community renewed hope and an opportunity to reach educational, career, and life goals.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

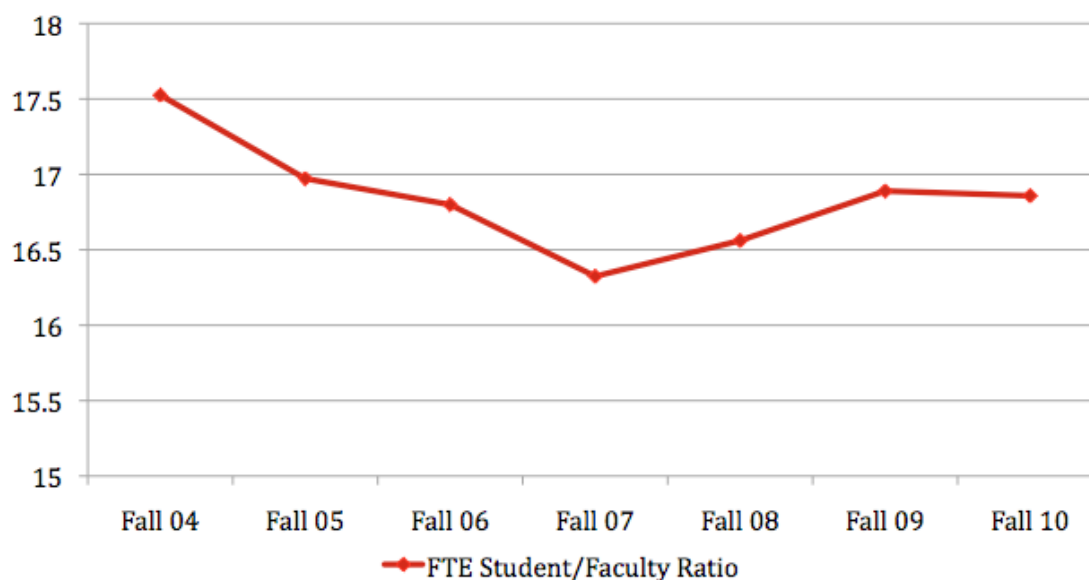
GOAL 2: Ensure College Affordability for Students, Families, and Taxpayers

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 has remained committed to keeping its cost of attendance low while maintaining a student-faculty ratio of less than 17 to 1.

SIUE continues to maintain a favorable student/faculty ratio



- First-generation students in the fall 2010 freshman class were awarded \$8,112,433 in need-based financial aid as compared to \$6,403,062 in 2009. This represents an increase of \$1,709,371 (27 percent).
- SIUE's mandatory tuition and fees remain the lowest of the state universities:

Institution	Fiscal Year 2011 Tuition and Fees		
	Cost Ranking	UG Entry-Level Cost	Cost vs. SIUE
U of I - Urbana/Champaign	1	\$13,658	\$5,257
U of I - Chicago	2	\$12,864	\$4,463
Illinois State University	3	\$11,417	\$3,016
Northern Illinois University	5	\$11,144	\$2,743
SIU Carbondale	5	\$10,467	\$2,066
Northeastern Illinois University	6	\$10,420	\$2,019
U of I - Springfield	7	\$10,374	\$1,973
Chicago State University	8	\$10,366	\$1,965
Western Illinois University	9	\$10,149	\$1,748
Eastern Illinois University	10	\$9,987	\$1,586
Governors State University	11	\$8,746	\$345
Southern Illinois University Edwardsville	12	\$8,401	\$0

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

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

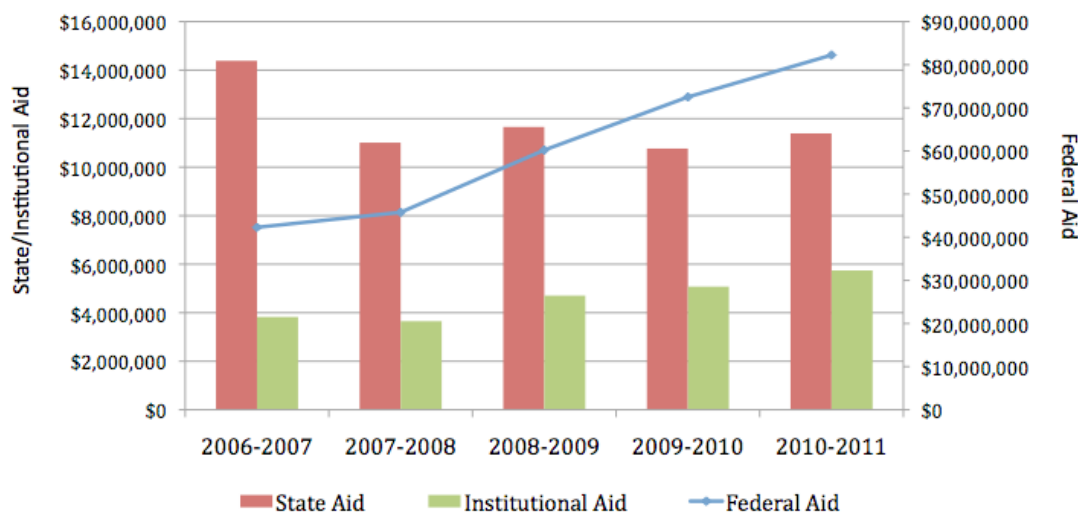
- The significant increase in student credit hour production, coupled with the University's commitment to using faculty resources wisely, has resulted in SIUE being more efficient than the average of Illinois public universities in the amount of dollars devoted to instruction:

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

- While state aid is trending downward, SIUE institutional aid increased nearly 50 percent since 2006, and subsidized student loans are also increasing:

State aid is trending downward at SIUE. Institutional aid has increased by nearly 50% and subsidized student loans are increasing.



SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

- An examination of a 10-year growth in student enrollment versus growth in faculty and staff positions reveals that while faculty positions have kept pace with student enrollment growth, staff positions have been added at a much lower level:

	(FY01)	(FY11)	Increase/(Decrease)	
	Fall 2000	Fall 2010	#	%
Student Enrollment				
Fall Term Head Count	12,193	14,133	1,940	15.9%
Fall Full-Time Equivalent (FTE)	9,556	12,003	2,447	25.6%
Employees (FTE)				
Administrators (w/ Faculty Rank)	93.3	90.3 *	(3.0)	-3.2%
Faculty	580.7	717.7*	137.0	23.6%
Subtotal Faculty	674.0	808.0	134.0	19.9%
Staff	1,320.1	1,405.2	85.1	6.4%**
Total Employees	1,994.1	2,213.2	219.1	11.0%

Data taken from the 2011 Edition SIUE Factbook, p. 83 "All Employees: Historic, Fall 1987-2010.

Full-Time Instructional Faculty increased from 484 in Fall 2000 to 627 in Fall 2010; an increase of +143 (+29.5%).

* Normalized to account for changes in the definition of faculty.

** 89.0 FTE open positions as of 7/8/11. If filled, it would be a 13.2% staff increase.

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

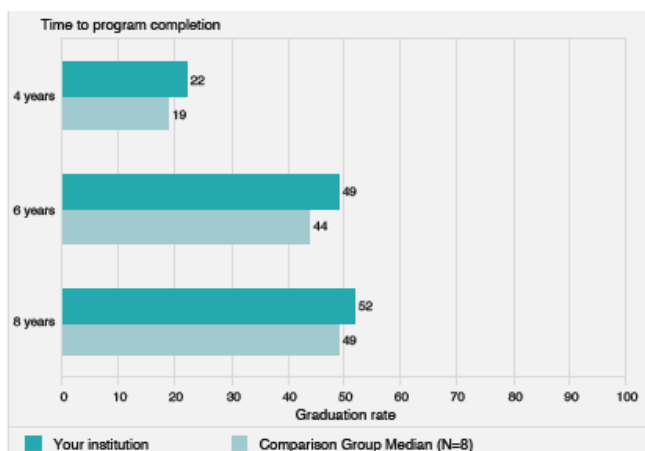
RECOMMENDATION 1: Increase the number of people with high-quality postsecondary credentials to ensure the state has an educated workforce and an engaged citizenry.

RECOMMENDATION 2: Improve transitions all along the education pipeline.

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

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.

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



NOTE: The 6-year graduation rate is the Student Right-to-Know (SRK) rate; the 4- and 8-year rates are calculated using the same methodology. For more information see the Methodological Notes at the end of the report. N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Spring 2011, 200% Graduation Rates component.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

HIGH-QUALITY POSTSECONDARY CREDENTIALS

RECOMMENDATION 1

- SIUE awarded 5 percent more degrees in 2010 (3,034) than in 2008 (2,888).
- At least 95 percent of graduates one year, five years, and nine years post degree rate the quality of their SIUE education as either above average or average, with at least 95 percent saying their college education was important to their professional life, at least 90 percent saying it was important to their community life, and at least 95 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 69 percent of those students reported that their SIUE degree had prepared them well or very well for their additional degree program.
- Of the 45 programs eligible for accreditation, 43 (95.5 percent) have earned accreditation, with one additional program applying for initial accreditation.

IMPROVE TRANSITIONS

RECOMMENDATION 2

- SIUE has developed 2+ 2-type programs 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 2011. 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.

FIELDS OF CRITICAL SHORTAGES

RECOMMENDATION 3

- The School of Dental Medicine graduated 44 students in 2010.
- The School of Nursing graduated 253 (undergraduate and graduate) students in 2010.
- The School of Pharmacy graduated 73 students in 2010.
- The State of Illinois has designated teacher shortage areas in special education and speech/language impairment. In 2010, the School of Education graduated 43 special education teachers and 30 speech-language pathologists.
- The Department of Special Education and Communication Disorders is collaborating with East St. Louis District #189 to provide an off-campus certification program in special education.

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.

- The findings of *The Impact of Excellence: SIUE 2010 Economic Impact* (the most recent economic impact study) revealed that with a total economic impact of more than \$471 million, SIUE has a significant effect on the broader regional economy. For every state dollar allocated to the University, SIUE generates nearly \$7 of economic impact in the local economy. The current impact is more than 32 percent greater than the University's estimated impact in FY 2005. In addition, the University generates nearly \$23 million in state and local tax revenues annually.
- Over the past five years, SIUE has completed more than half of a \$250 million construction and infrastructure improvement plan, generating a significant number of regional construction jobs.
- In FY 2011, SIUE faculty and staff received more than \$34 million in grants and contracts for teaching, research, and service initiatives. Based upon National Science Foundation data, this grant productivity ranks SIUE the highest among its IBHE peers in total research and development dollars.
- The East St. Louis Center received \$16 million in grant awards to fund comprehensive programs, services, and training for more than 6,000 community residents.

The Integration of Educational, Research and Innovation Assets include:

- The Office of Economic Education and Business Research at SIUE is a leader in the development of economics courses and materials for use by teachers in grades K-12. Workshops and seminars on economic education improve the delivery and content of economics courses for K-12 classes, as well as college and university courses. Affiliated with the Illinois Council on Economic Education and with the National Council on Economic Education, the office provides the latest developments in teaching economics and developing economic education programs.
- The International Trade Center (ITC) at SIUE serves businesses in the 47 southernmost counties in Illinois. The ITC provides free export consultation, international market analysis, seminars, and export finance assistance.
- The Construction Leadership Institute is an executive education program that provides participants with the opportunity to broaden their perspective and to learn quickly what would otherwise take many years of experience to gain. The institute also offers the chance to become a part of a network among contractors, subcontractors, owners, and industry experts and provides opportunities to develop competencies for leadership, planning, and management.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

- The Environmental Resources Training Center (ERTC) offers continuing education to individuals involved in the operation, maintenance, and management of drinking water and wastewater treatment systems. The center also trains Illinois licensed plumbers and Illinois certified water operators to become Illinois Environmental Protection Agency (IEPA)–certified Cross-Connection Control Device Inspectors.
- The Illinois Education Research Council (IERC) at SIUE provides education research to support P-20 education policymaking and program development. The IERC undertakes independent research and policy analysis, often in collaboration with other researchers, which informs and strengthens Illinois’ commitment to providing a seamless system of educational opportunities for its citizens. Through publications, presentations, participation on committees, and an annual research symposium, the IERC brings objective and reliable evidence to the work of state policymakers and practitioners.
- The Institute for Urban Research at SIUE is dedicated to the investigation of problems and issues that affect the quality of life of those who live and work in urban or metropolitan areas—issues that are important to the region but that also have implications for the nation as a whole. The fundamental objective of the institute is to create and test paradigms and programs that will help federal, state, and local agencies combat chronic urban problems in Southwest Illinois, especially the Metro East portion of the region.
- The Southwest Illinois Advanced Manufacturing (SIAM) Center performs applied and basic research and workforce development activities for both established and start-up enterprises. The center assists these enterprises in activities including prototype design and fabrication, product development, process organization, and new technology development. The U.S. Department of Commerce Economic Development Administration provides matching funds for SIAM projects, allowing companies to leverage their research and development investments. Collectively, these activities help create and sustain technical and manufacturing enterprises in southwestern and central Illinois.
- The National Corn-to-Ethanol Research Center (NCERC) facilitates the commercialization of new technologies for producing ethanol more effectively, resulting in improved ethanol yields and reduction in costs.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

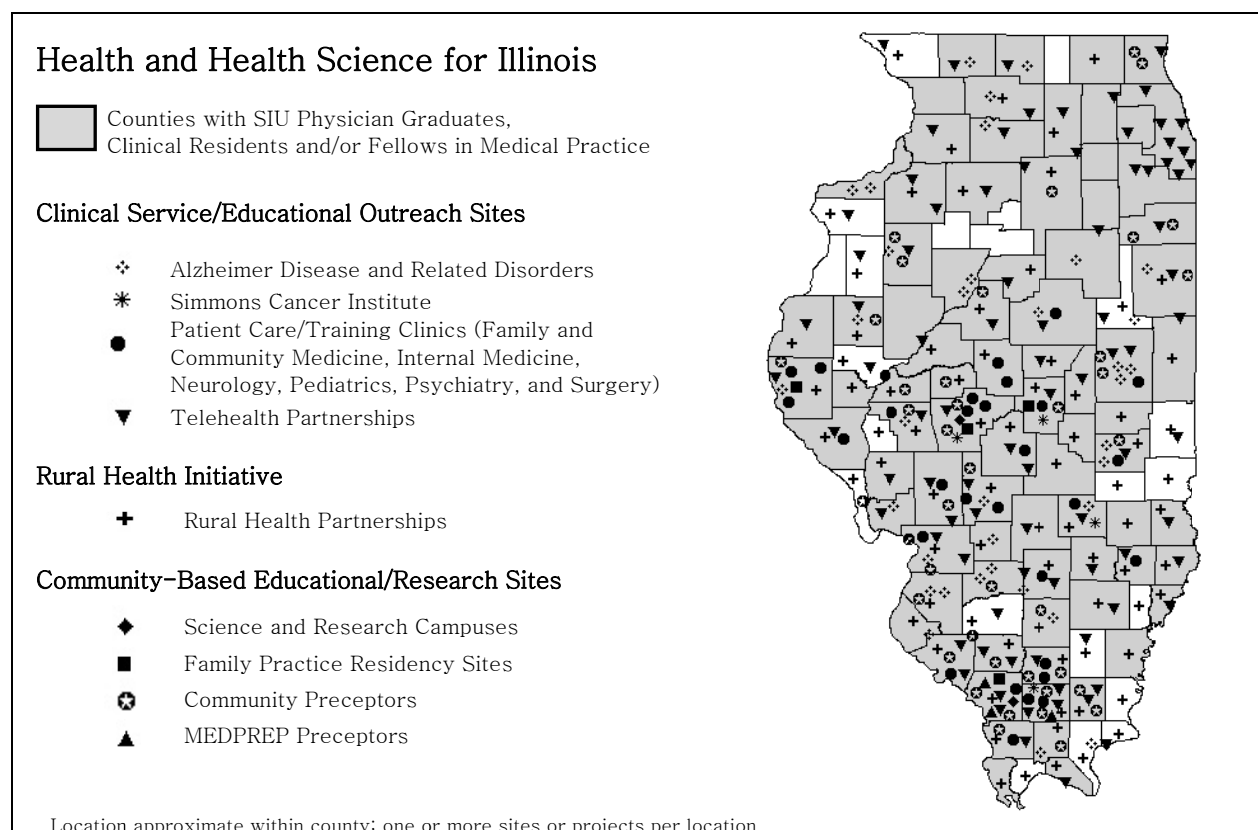
Mission Statement

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 2007-2011*.



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.

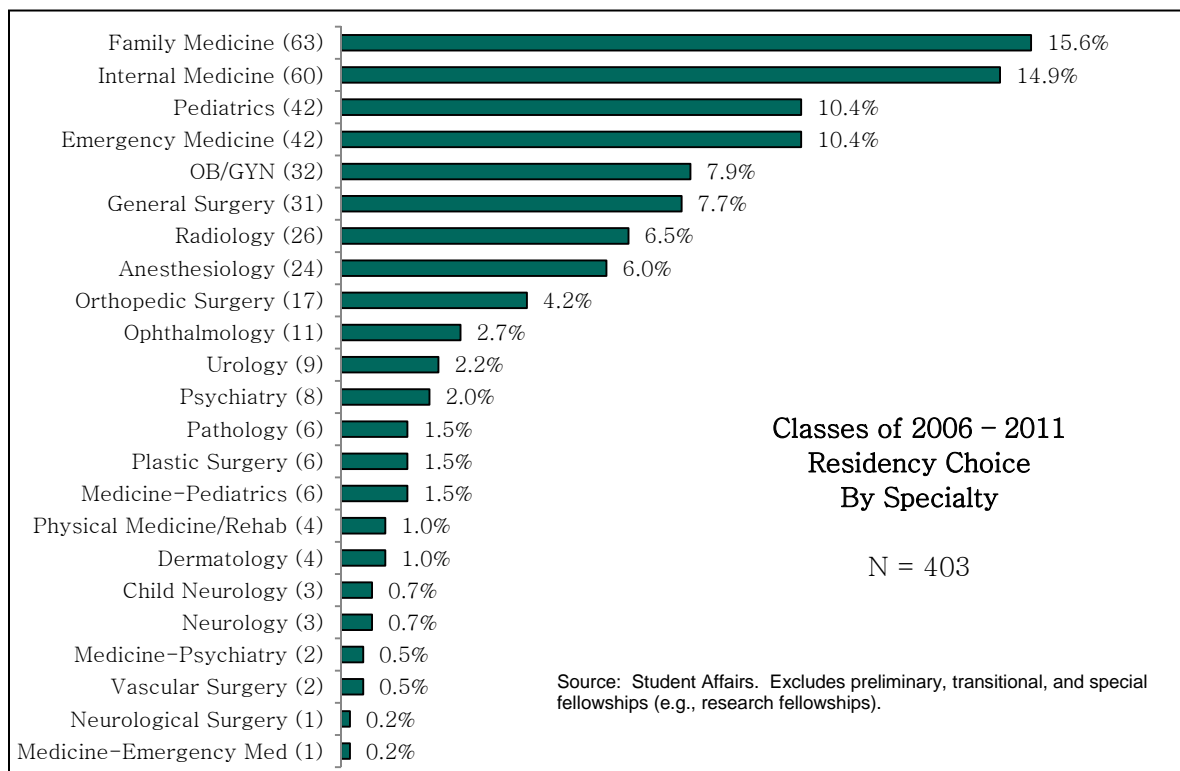
STUDENT SUCCESS

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 2011, the school educated 291 medical students, trained 294 clinical residents/fellows, and provided continuing medical education to over 3,600 physicians and other health care professionals in over 1,400 sessions of regularly scheduled series and symposia.
- **Academic Accreditations:** SIU School of Medicine is fully accredited as a medical education institution. The school 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 and for continuing medical education by the Accreditation Council for Continuing Medical Education. All graduate and service programs were reviewed in FY 2011 and found to be in compliance with 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, 95.0 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. SIU's medical school ranked above the 70th 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

- “Beyond Flexner” – Social Accountability Research Study:** SIU School of Medicine was one of six medical schools selected for a site visit in 2011 by George Washington University’s “Beyond Flexner” research team. This study is exploring models of education that address the social mission of medical education in the 21st century. Observations from the site visit will be used to identify best practices among medical schools considered successful in meeting their social mission. In the discussions, the site team praised SIU School of Medicine regarding its commitment to its social mission and the effectiveness of its associated programs, including its innovative medical curriculum, model health professions preparatory program (MEDPREP), extensive mentoring and student services activities, and supportive hospital/community relations. The “Beyond Flexner” research team ranked SIU School of Medicine 15th out of 140 medical schools for social mission based on the school’s success in graduating physicians practicing in primary care or serving in medically underserved areas, as well as success in the training of physicians from minority backgrounds (*Annals of Internal Medicine*, June 2010). The overall assessment is that SIU's medical school "lives" its social mission.
- Residency Choice:** M.D. graduates of the medical school have been successful in obtaining highly competitive clinical residencies to continue their medical training. Graduates of the Class of 2011 began clinical residencies in summer 2011. Residency choices of the six 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 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								
	2008			2009			2010		
	#	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	72	97%	96%	69	96%	96%	69	97%	97%
USMLE, Step 2 – Clinical Skills	72	99%	97%	70	100%	97%	69	100%	97%

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					
	2010 Actual		2011 Actual		5-Year Total 2007 – 2011	
	Number	Percent	Number	Percent	Number	Percent
Minority Students	13	18.8%	15	24.2%	77	22.5%
African American	8	11.6%	4	6.5%	33	9.6%
Hispanic	2	2.9%	1	1.6%	9	2.6%
All Other	3	4.3%	10	16.1%	35	10.2%
Disabled Students	0	0.0%	0	0.0%	0	0.0%
Female Students	36	52.2%	33	53.2%	180	52.6%
All Graduating Students	69	100.0%	62	100.0%	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. August 31, 2011.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

ADULTS REENTERING EDUCATION RECOMMENDATION 2

Students attending SIU's medical school first graduate from an approved baccalaureate program and complete the Medical College Admission Test (MCAT). 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.
- **Careers in Medicine:** The medical school provided career counseling to all medical students across the four years of medical school. This program includes workshops, seminars, mentoring, and application assistance to residencies. Practicing physicians, medical educators, and departmental interest groups conduct the program and provide individualized counseling.



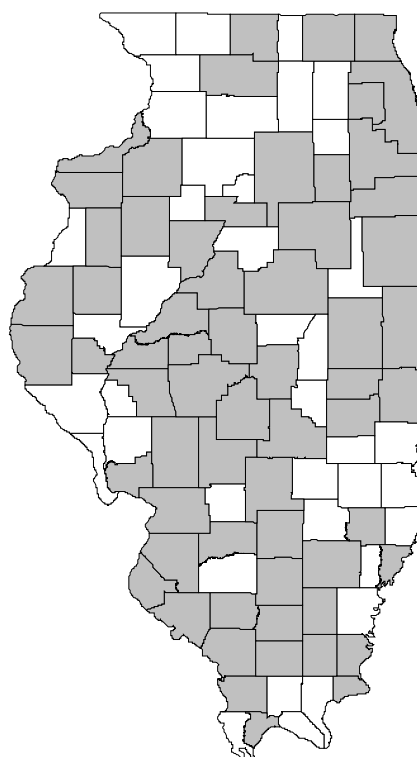
SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

GEOGRAPHIC DISPARITIES

RECOMMENDATION 3

- **Student Hometowns:** SIU's medical students come from rural areas, small towns, and cities in Illinois. In FY 2011, 82 percent of the medical students were from downstate Illinois and 35 percent came from rural counties. Students came from 63 of Illinois' 102 counties. Half (50 percent) of the fall 2010 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/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. Outreach programs included colorectal cancer screenings provided by the Simmons Cancer Institute in collaboration with area hospitals and the Vince Demuzio Colorectal Cancer Screening Initiative; Alzheimer disease outreach and community education provided by the SIU Center for Alzheimer Disease and Related Disorders; and medical student-led community service initiatives including a free health clinic provided for the homeless and uninsured in Springfield. Community education programs included the "Think-First" brain and spinal cord injury prevention program offered by the school's Department of Surgery; as well as numerous other programs focusing on topics such as Parkinson disease, diabetes, and sports medicine. A health career fair and educational program for sixty-eight central Illinois middle school students provided information regarding health careers, health education information, and health promotion activities.

Medical Student Home Counties
AY2011



■ Home County of Medical Student

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY

SCHOOL OF MEDICINE

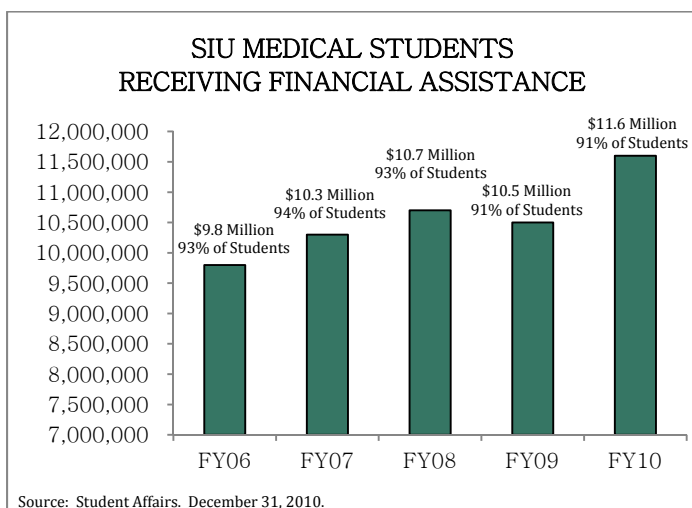
GOAL 2: Ensure College Affordability for Students, Families, and Taxpayers

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

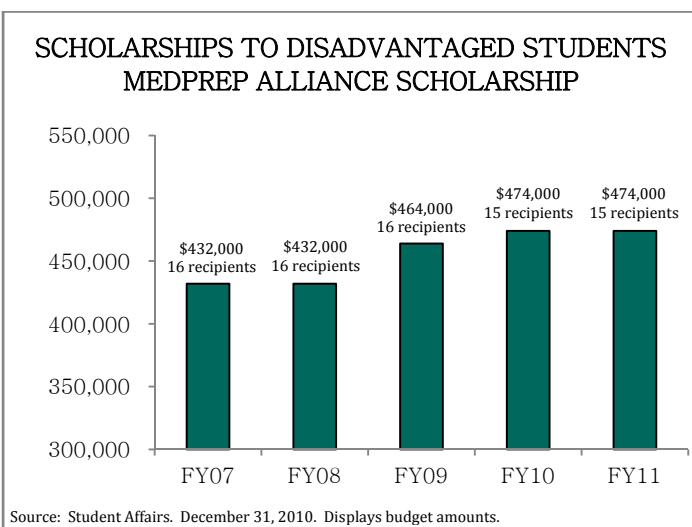
RECOMMENDATION: Make Illinois one of the five most affordable states in the country to get a college education.

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, 91 percent of SIU's medical students received financial assistance.



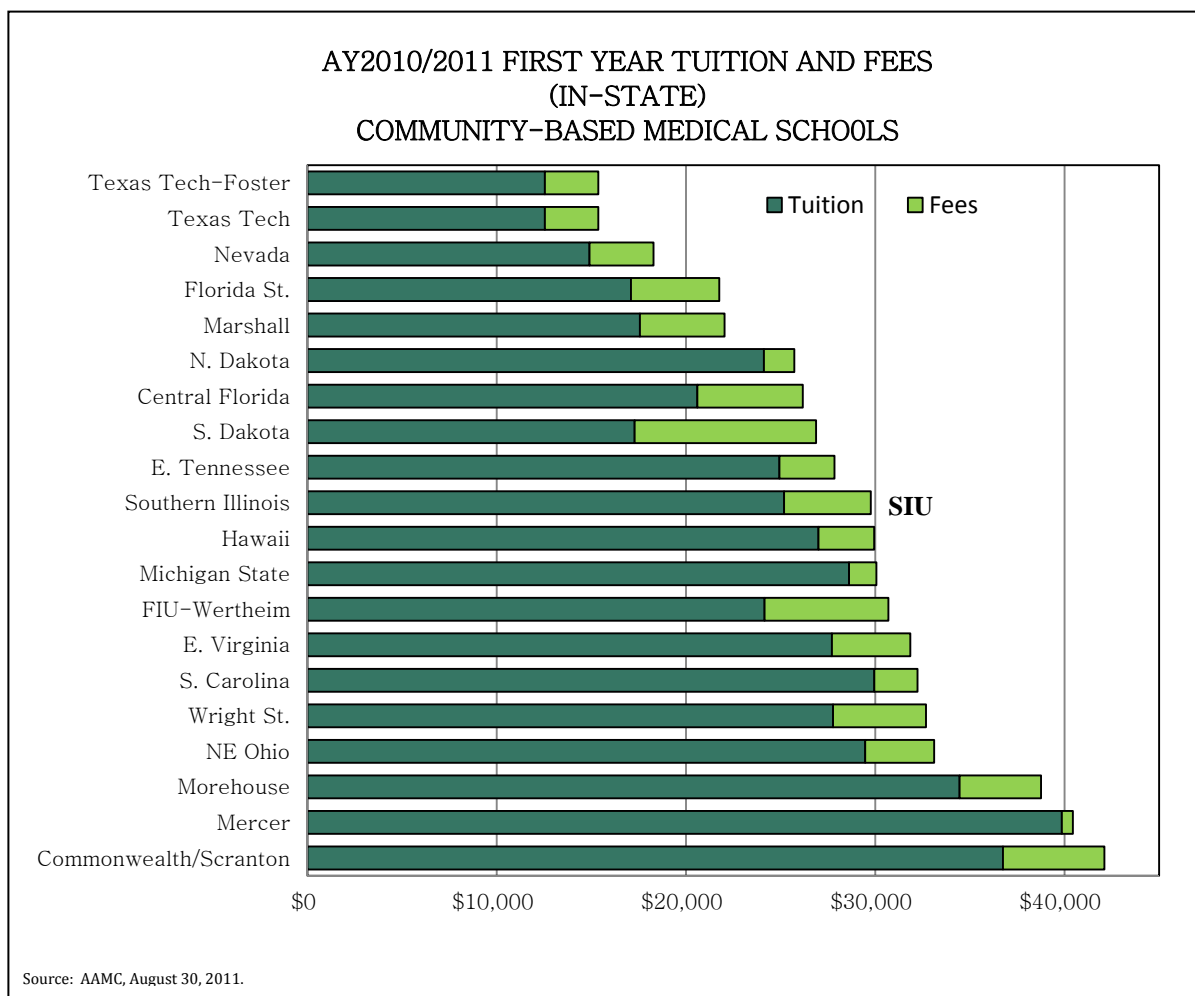
- MEDPREP Alliance Scholarships:** MEDPREP Alliance Scholarships provide funding for MEDPREP* graduates and other students from disadvantaged backgrounds to attend SIU's medical school. Funding for these scholarships comes from the medical school's operating budget. The school allocated \$474,000 to these scholarships in FY 2011 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 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 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 2010/2011		
Student Groups	Enrollment (AY2010/11)	Completed Training/ Graduated (Thru 06-30-11)
Medical Students	291	2,399
Residents/Fellows	294	1,982
Graduate Science (MS/PhD)		
MBMB	82	225
Pharmacology	16	66
Physiology	21	166
Note: "MBMB" is Molecular Biology, Microbiology, and Biochemistry. Completed Training/Graduated counts from programs' implementation through June 30, 2011. Residents/Fellows counts as of June 30, 2011; others as of December 31, 2010. 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 2011; many of which were offered via telehealth. 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. Planning is under way for the Twelfth International Symposium on Advances in

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

Alzheimer Therapy, to be held in Stockholm, Sweden, in May 2012. This symposium, co-sponsored by the medical school, provides an opportunity for 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 school provided graduate medical education to 294 clinical residents and fellows in FY 2011; as of this year, 1,982 residents/fellows have completed training. With its affiliated teaching hospitals, SIU School of Medicine expanded residencies in Family Practice, Obstetrics/Gynecology, and Psychiatry; and established a residency in Integrated Vascular Surgery. The first class of Emergency Medicine physician residents began training in FY 2011. The medical school is also preparing to implement a series of revised standards from the Accreditation Council for Graduate Medical Education, including those associated with patient safety, supervision of residents, and restrictions in duty hours.

CLINICAL RESIDENCIES AND FELLOWSHIPS

Clinical Residencies:

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

Fellowships:

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

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY

SCHOOL OF MEDICINE

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 2010/2011

61 MEDPREP students: 59 (97%) minority
 44 (72%) women

Total MEDPREP alumni: 1,264

Source: MEDPREP Program, March, 2011.

- **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 2011, twenty-two tenth-grade students participated in the second year of this four-year program. Beginning in fall 2011, the program began recruiting and enrolling a new cohort of ten freshman students.
- **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. This includes an annual Diversity Week program that recognizes and celebrates all aspects of diversity through a series of public lectures and events. Other programs include annual Black History Month activities and 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, which works to increase the recognition of the medical school in the community as well as minority involvement in medical school activities; and the Diversity Leadership Group, which provides feedback and suggestions regarding various diversity-related programs and initiatives at the school. Student-led programs in recent years have included mentoring of minority K12 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.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY

SCHOOL OF MEDICINE

FIELDS OF CRITICAL SHORTAGES

RECOMMENDATION 3

- **Student Recruitment:** During FY 2011, 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 program. 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 the campuses to assist them in encouraging their students' interests in medical careers.
- **Collaboration with SIU Edwardsville Pharmacy and Nursing Programs:** SIU School of Medicine collaborates with and provides assistance to the SIU Edwardsville pharmacy and nursing programs. In FY 2011, the medical school provided clinical rotation sites for fourth-year pharmacy students based in Springfield. SIUE Pharmacy faculty were "embedded" into two medical school departments (the Department of Internal Medicine and the Department of Family and Community Medicine), joining medical faculty during clinical rounds, case presentations, grand rounds, and student training.

In support of the SIUE Nursing program, the Simmons Cancer Institute provided faculty instructors and clinical rotations to SIUE nursing students enrolled in the SIUE non-degree program in oncology nursing. In Carbondale, the SIUE School of Nursing, the SIUC College of Science, and the school's Department of Physiology continued support to the SIUE Nursing program based in Carbondale. The school's Physiology faculty will begin teaching physiology, anatomy, and other core science courses to SIUE nursing students based in Carbondale, starting in spring 2012; in the summer 2011 semester, the Physiology faculty offered an anatomy course for pre-nursing students in Carbondale.

The medical school provided support to Springfield-based faculty and students of both the SIUE pharmacy and nursing programs to include providing medical school space, facilities, desktop computer support, and videoconferencing services; as well as full use of the Medical Library in Springfield.

- **MD/MPH Concurrent Degree Program:** SIU School of Medicine and SIUC College of Education and Human Services received University approval to establish a new concurrent degree program awarding both MD and Master's in Public Health degrees. Students will begin the MD/MPH program in the 2012-2013 academic year.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

- **Simmons Cancer Institute at SIU:** In FY 2011, 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. In FY 2011, 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.
 - Engaged in clinical trials programs 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 2011, 175 clinical trials programs were under way and 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 colorectal cancer and cancers of the skin, head, and neck.
 - Announced a new affiliation with the Southern Illinois Healthcare (SIH) Cancer Institute which will enhance specialized cancer treatment for patients in southern Illinois. This agreement allows SIH patients to utilize SCI's advanced cancer care programs, including highly specialized surgery and treatment services, multidisciplinary consultations, and continuing medical education. SIH and SCI will also collaborate on a variety of research projects.
 - Completed a scheduled program review of SCI in which independent teams including experts in cancer centers from other universities reviewed all facets of the Simmons Cancer Institute. The reviewers concluded that the institute is a strong program which provides important services to the community.

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

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

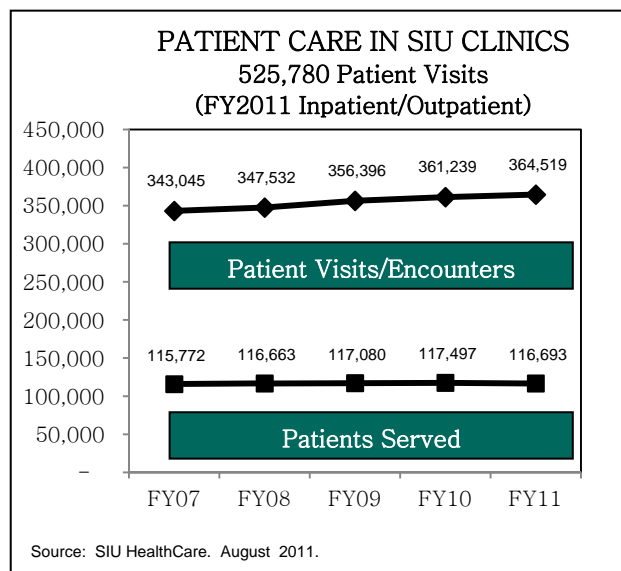
GOAL 4: Better Integrate Illinois' Educational, Research, and Innovation Assets to Meet Economic Needs of the State and Its Regions

**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 meet needs not otherwise met in the area. These complement health care provided by affiliated hospitals and community physicians. In FY 2011, SIU physicians provided services to 116,693 patients during 364,519 visits/encounters in SIU clinics; including inpatient and outpatient services, SIU physicians provided 525,780 patient visits this year.

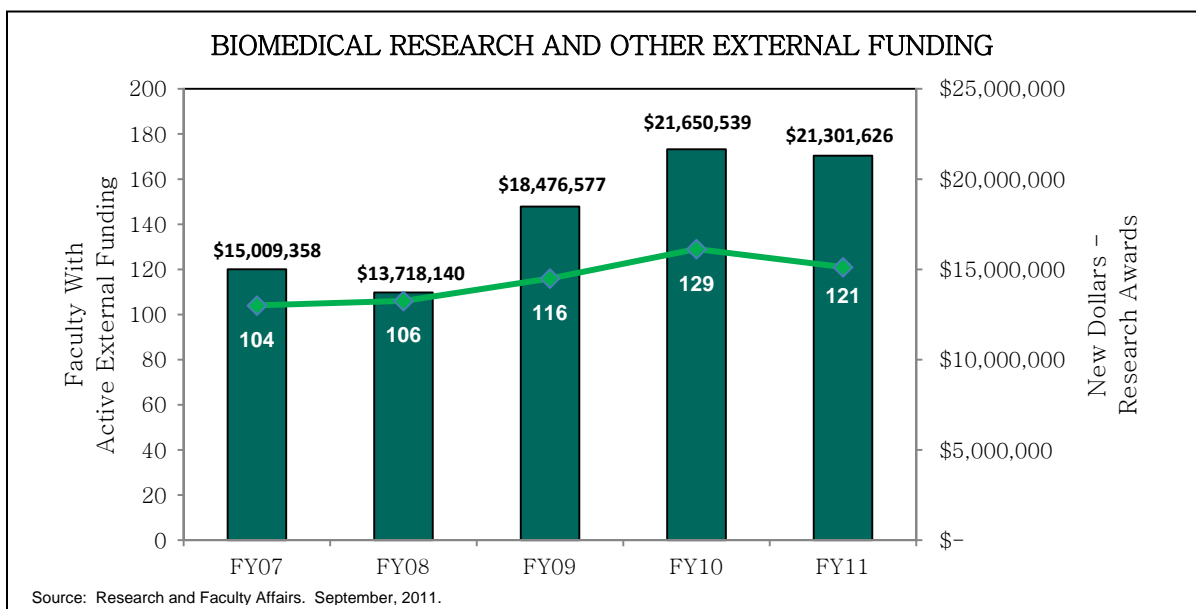


- Clinical Services:** The school relocated and continued operation of its Center for Diabetes and Metabolic Health, a joint program with Springfield's St. John's Hospital; this program provides treatment in Type 1 and 2 diabetes, pre-diabetes, cholesterol and related disorders, metabolic syndrome, and obesity. The Department of Family and Community Medicine established a new prenatal care program called "Centering Pregnancy" that builds upon routine prenatal care/visits by incorporating support groups in order to provide increased educational opportunities, caring, and support. Faculty in the Department of Surgery performed the first Laparoscopic Nephrectomy in Springfield, a minimally invasive robotic surgery used to remove a kidney for transplant from a live donor. Through faculty recruitment, the school increased availability of deep brain stimulation surgery, a procedure for treating various neurological movement disorders such as Parkinson's disease and essential tremor. New faculty recruitments were completed in gastroenterology, adult and pediatric hospital medicine, neurosurgery, stroke/neurology, neuro-oncology, pediatric orthopedic surgery, sports medicine, and gynecology oncology. Also in FY 2011, the school recruited a new Associate Dean for Clinical Affairs/Chief Executive Officer of SIU HealthCare as well as a Chief Medical Officer of SIU HealthCare.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE

- **Clinical Outreach:** During 2011, SIU physician faculty provided patient care and regional outreach programs (including on-site and telehealth programs) in 175 separate clinics/outreach sites in 53 Illinois communities. Examples include primary care clinics, surgical clinics, and psychiatric and Alzheimer's disease outreach clinics in downstate communities.
- **Electronic Health Records:** SIU HealthCare completed the multi-year implementation of the school's electronic health records (EHR) system. All clinical departments are now utilizing this system. The EHR system improves the ability of health care providers to document patient visits and also streamlines the medical prescription process.
- **Health Information Exchange:** The medical school continued development of a community-based health information exchange (HIE) infrastructure designed to share patient medical records securely among the school's clinical practice, teaching hospitals, and other community health care providers. The HIE will improve patient care, quality, effectiveness, and efficiency; support greater physician-to-physician referrals; and facilitate clinical and translational research.
- **Intellectual Property and Technology Transfer:** The school's Office of Technology Transfer (OTT) works with medical school faculty and staff, community groups, possible partner organizations, and funding agencies in developing new intellectual property suitable for commercialization. In FY 2011, OTT processed 18 intellectual property items. This included 11 invention disclosures, 6 new patent applications, and 1 new patent issued.
- **Quality Improvement Initiative:** In 2011, SIU HealthCare continued efforts to ensure patient safety and satisfaction. The practice organization established a "physician and patient advocacy" program to improve physician/patient communication; participated as a Medicare Physician Quality Reporting Initiative site in the development and analysis (including peer comparisons) of selected quality measures across the group practice; and established Quality Improvement Committees in the clinical departments as well as a Quality and Safety Committee reviewing quality issues across the practice.
- **Best Doctors in America:** Twenty-six faculty physicians of the medical school's physician practice organization, SIU HealthCare, were included on the 2011 national "Best Doctors in America" list. Physicians on this list are chosen by peer review and represent the top 5 percent of physicians in more than forty medical subspecialties.

SUCCESS AT SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE



- 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. 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 2011, the school’s faculty continued a multi-year research award studying exercise and breast cancer. Other recent awards include multi-year, multi-million dollar grants to fund research in the areas of breast cancer, prostate cancer, diabetes, and hearing loss. New shared equipment awards totaling nearly \$1.2 million were used to acquire research equipment that may be utilized by any faculty member on the medical school’s Springfield campus.
- 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.

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.