Development Award, the School of Medicine’s proof of concept to commercial viability, was launched in FY11. One project has enhanced the commercialization of technologies developed through SIU inventors and potential investors in an effort to promote and support start-up companies. The annual Technology Innovation Expo continues to bring together University’s researchers and scientists have disclosed 123 inventions, issued 54 licenses or options for innovations, filed 122 patents, and received more than $4.4 million in royalties.

Specifically in FY11:
- 19 federal awards received
- National Science Foundation 8
- U.S. Patent applications filed 14
- 95 patents issued
- Illinois start-ups founded with 3
- 13 partnerships formed
- Professors Ken Anderson and John Crelling of the Department of Geology have established Thermaquatica, Inc, a start-up company developing advanced materials to substantially improve the performance of solar panels. Based upon research conducted by Associate Professor R. Barry Meyers of the Department of Mechanical Engineering and Energy Processes, SIU School of Medicine, and Jarlen Don and Ajay Mahajan, Professor Bakul Dave of the Department of Chemistry and Biochemistry, College of Science. Multiple Phase Reactions Nano-Reagents with Cooperative Catalysis and their Uses in Agriculture, College of Agriculture.
- At Southern Illinois University, you’ll find research activities that exemplify our commitment to make the world better. SIU remains ranked by the Carnegie Foundation as a “high-research” institution, which puts us in the top few hundred public universities in the country. Our research activity is an important part of our mission to advance learning and discovery and to serve the region, the state, and the nation. Every year we conduct more than a half billion dollars in sponsored research, which supports the training of graduate and undergraduate students, the development of new knowledge, and the advancement of the arts and humanities.
- In FY11, SIU received in the last 10 years, is the second greatest annual amount the University has ever received in the last 10 years.
- For fiscal year 2011, grant and contract funding totaled $71,117,241, an increase of 2.5 percent more than last year’s total. Federal funding from the National Institutes of Health (NIH) exceeded last year’s total while support for the College of Medicine increased significantly. Support from the state of Illinois remained robust at $45.2 million, despite the phasing out of the federal stimulus program. Support from non-federal sources increased by 5.2 percent, and private sources increased by 2.2 percent. Research expenditures this year were a record $71.1 million, an increase of 2.5 percent more than last year’s total while support for the College of Medicine increased significantly.

To learn more about SIU research, visit siu.edu/research, or contact:
Amy Dion.  Photos University Communications.  Printed by the authority of the State of Illinois, 03/2012, x M, XXXXXXXXX.

At SIU, we help the independent-minded academic find his destination for every research journey. At SIU, we help the independent-minded academic find his destination for every research journey. At SIU, we help the independent-minded academic find his destination for every research journey. At SIU, we help the independent-minded academic find his destination for every research journey. At SIU, we help the independent-minded academic find his destination for every research journey.
Passion restoration efforts in Olive Branch, Ill. in the aftermath of the Nicholas Pinter, Department of Geology, and Craig Anz, Ahmad Fakhoury and Jason Bond, associate professors in the Department of Anthropology, received $422,126 from the United Soybean Board for a seven-state, concentration project in which researchers are determining whether insecticides used in an urban environment lead to elevated isoflavones and/or soy protein isolate. Dale Hales, chair of the Department of Physiology, was the first three years of a six-year grant.

Karen Nelson, professor in the Department of Public Health, and Karen Yager, associate professor in the School of Nursing, have teamed up with Dr. Debra Bennett, associate professor in the Department of Social Work, to create a new minor in the field of family violence. The minor will build upon existing courses in the major, preparing students to pursue such careers as counselors, therapists, Social Workers, or researchers in the field of Family Violence. The minor will be open to students in all Undergraduate Programs.

The SIU School of Medicine, has received funding in excess of $1.6 million from the National Science Foundation (NSF) for a yearlong, full-time translational/in-house Clinical Research Training in Mechanisms of Hearing Loss Initiative. The goal of the project is to cultivate a new and diverse generation of scientific professionals with a career commitment to the hearing and balance sciences.

The SIU School of law’s Legal Clinic received funding totaling $1.33 million to John Washburn, professor in the Department of Criminology and Criminal Justice, received a $395,481 grant from the U.S. Department of Justice to examine whether implementing different policing strategies within hot spots can reduce crime.

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