



Supporting San Diego State University

Incorporated in 1943, SDSU Research Foundation is a non-profit corporation and auxiliary organization of San Diego State University. Authorized by California's Education Code and governed by a board of directors composed of SDSU faculty and staff and community members, the research foundation exists to serve the educational, research, and community service mission of SDSU.

The research foundation administers roughly 3,000 research, training, and self-support projects and manages nearly one million square feet of property. Revenues administered reached over \$230 million in the 2010-11 year, including \$36 million on behalf of The Campanile Foundation, SDSU's philanthropic auxiliary organization.

SDSU Research Foundation carefully manages the grants and contracts awarded to SDSU faculty and staff which last year totaled \$145 million. From account set up through final audit, staff ensure that monies are spent appropriately to achieve both sponsor and research objectives.

Providing Key Services

As an auxiliary organization, SDSU Research Foundation works in partnership with SDSU to facilitate the work of its researchers. For the benefit of the university, staff:

- Assist faculty and staff in developing and administering federal, state, and privately funded projects.
- Identify funding sources, offer grant-related workshops, and assist with proposal development and submission.
- Develop project budgets, obtain university approvals, and negotiate sponsored grant and contract awards.
- Assist with staff recruitment, and purchasing support for funded projects.
- Provide technology transfer services, protect intellectual property, and commercialize technology developed at the university.
- Identify, acquire, and manage real property in support of sponsored programs not housed in university facilities.
- Provide accounting and financial reporting support for research and project funds, scholarships, institutes, and The Campanile Foundation.



INVESTING IN RESEARCH

Research Program Support

In addition to the ongoing services provided to SDSU researchers last year, the research foundation provided \$6.5 million to enhance current programs and to invest in new research initiatives. Last year, "research support funds" were used to provide seed money for new projects, start-up funds for new researchers, gap funding, lab technician positions, matching funds for equipment, and financial support for joint doctoral programs and the university grants program.

Housing SDSU's Expanding Research Program

SDSU Research Foundation houses approximately two-thirds of the sponsored research activities conducted by university faculty and staff. In response to growing research and university needs, the research foundation manages a portfolio of space valued at nearly \$125 million.

Last year, new space was identified and designed for SDSU's Center for Behavioral Teratology. Center director Ed Riley and associate director Sarah Mattson and colleagues are pioneering efforts to understand fetal alcohol syndrome and the effects of prenatal alcohol exposure and other teratogens.

Psychology professors Pamela Moses, Ralph-Axel Mueller, and Robin Weersing were relocated to 5,000 square feet of space where they study brain and cognitive development of children with developmental disorders and interventions for anxiety and depression in children and adolescents.

A new suite including shared office space and a sound booth was designed for speech pathologists Tracy Love and Lewis Shapiro who study language processing in child and adult populations.

BioScience Center

Support for this important research center where scientists are conducting innovative projects to help understand and prevent cardiovascular and other diseases, continues. The research foundation provides an annual lease payment that funds the debt service on this 30,000 square foot building. Last year, a consortium was established with the University of Nebraska Medical Center to facilitate development of a novel approach to make vaccines for both young and elderly patients. An additional generous donation last year from Darlene Shiley will allow the final floor of this state-of-the-art facility to be developed.

"It is a privilege to assist the dedicated and accomplished faculty and staff at SDSU. We are proud to partner with the university to facilitate their remarkable work."

Bob E. Wolfson, executive director, SDSU Research Foundation

Coastal and Marine Institute Laboratory

One of the few marine laboratories constructed in an urban environment, the Coastal and Marine Institute Laboratory provides indoor and outdoor laboratory space for SDSU faculty and students studying environmental and public health issues related to local coastal waters. The 40,000 square foot building also houses U.S. Geological Survey employees who collaborate with SDSU faculty and The Center for Bay and Coastal Dynamics which was established last year by SDSU, the Port of San Diego, Scripps Institution of Oceanography, and Hubbs SeaWorld Research Institute.

Last year, Dr. Todd Anderson and his colleagues secured an important National Science Foundation grant to enhance the flow-through seawater system - the "lifblood" of any marine laboratory. Planned enhancements will result in better water quality, labor reduction, the ability to conduct longer-term experiments, and an expansion of research possibilities for SDSU faculty and students.

OTHER SUPPORT

Technology Transfer Services

Since its inception in 1998, the Technology Transfer Office has managed 220 intellectual property disclosures, including 145 patentable inventions, 71 copyrightable works and four trademarks. The current portfolio includes 31 issued patents and 39 active license agreements. Last year's licenses included:

- Software that treats Social Anxiety Disorders
- "DUI On System" to allow SDSU's nationally recognized Driving Under the Influence therapy and training materials to be accessible through online access
- Technology that provides a novel virus expression system for drug delivery that offers less danger and lower costs.

Our **Professors Helping Professors** (PhP) mentoring program matches senior faculty with junior researchers who are developing grant programs. Last year, six teams from the colleges of sciences, engineering and education participated. Three proposals were submitted and one award was received.

Washington DC Representation

To help federal government decision makers find solutions to pressing national needs, SDSU Research Foundation works with a Washington-based firm to raise awareness of SDSU's unique capabilities. The firm has worked with members of Congress to include authorization language for a few select high priority research and education programs to address critical national needs.



① Testing behavioral syndromes in estuarine fishes at the Coastal and Marine Institute Lab (Dr. T. Anderson), ② Coastal and Marine Institute Laboratory, ③ Researchers at the Coastal and Marine Institute Lab study the behavioral ecology of the longjaw mudsucker (Dr. T. Anderson)