

H. MAJOR RESEARCH AND PUBLIC SERVICE ACTIVITIES

During the 2010-11 academic year, faculty and staff at The College of New Jersey were involved in a variety of research projects supported by both internal and external grants, sabbatical leaves, and summer undergraduate student-faculty research projects. Faculty, staff, and students are also dedicated to public service to the community, New Jersey, the nation and the world through partnerships, centers (see table on next page), and other initiatives. For example, the TCNJ Professional Development School Network partners our School of Education with 18 New Jersey public schools to provide staff development activities. Examples of a few of TCNJ's varied research and public service activities are included below.

Bonner Center for Civic and Community Engagement

TCNJ continued to receive regional and national awards for its commitment to community engaged learning (or service-learning) initiatives. This year the Bonner Center is launching AmeriCorps*VISTA Fellow Program. Members will work on a variety of hunger, nutrition, literacy, job creation, employment training, and volunteer recruitment projects intended to alleviate poverty within Trenton and New Brunswick. The College's student leadership and service scholarship program—the Bonner Community Scholars--spent approximate 20,000 hours addressing the unmet needs of the Trenton area and the state. These students also mobilized the first year class (the class of 2014)—over 1300 individuals—to complete an additional 11,000 hours of community engaged learning projects between September and June. Faculty members were a key part of this mission driven activity--as students in 50 courses participated in projects that provided them with the opportunity to learn while having a positive impact in the community.

Adaptive Technology Center for NJ Colleges

The Adaptive Technology Center for New Jersey Colleges increases opportunities for New Jersey college students who have disabilities to meet the academic demands of college by providing access to appropriate technology tools. The Center disseminates information on assistive technology, operates an adaptive technology lending program, and provides outreach and training to faculty, staff and students at New Jersey colleges and universities. Supported by the New Jersey Commission on Higher Education, the Center just received an award of \$1,000,000 in funding for the next five years.

Career and Community Studies

The Career and Community Studies (CCS) program, established at the college in 2005 was awarded 1.2 million to continue its development with providing its students with a comprehensive transition post-secondary college experience. TCNJ received one of twenty-seven Federal grants that were issued in October 2011 to four -and two – year institutions of higher education to create opportunities for student with intellectual disabilities to attend and be successful in higher education.

Municipal Land Use Research Center

MLUC @ TCNJ was established six years ago to improve the coordination and integration of transportation planning and land-use decision-making by working closely with State departments and agencies while simultaneously enhancing local governments' planning capacity. Sustainable Jersey – a program of The College of New Jersey's Municipal Land Use Center – won the national Ashoka/Community Matters Changemakers competition, "Strong Communities: Engaging Citizens, Strengthening Place, Inspiring Change." Sustainable Jersey has received \$5,000 and recognition as the top social change innovation in the country.

Center for Global Engagement

The Center for Global Engagement directs Education Abroad and International Student Services at The College of New Jersey. TCNJ has instated a new semester program in Israel at Ben-Gurion University. Additionally, TCNJ is among ten U.S. colleges and universities chosen by the Institute of International Education (IIE) to participate in the year-long International Academic Partnerships Program, funded by the U.S. Department of Education, to help the College establish partnerships with academic institutions in China.

Centers at TCNJ

Center Name	Description	Website
Adaptive Technology Center For NJ Colleges	The Adaptive Technology Center for New Jersey Colleges increases opportunities for New Jersey college students who have disabilities to meet the academic demands of college by providing access to appropriate technology tools.	http://adaptivetech.tcnj.edu/
The Alan Dawley Center for the Study of Social Justice	The ADCSSJ aims to provide a focal point for students, scholars, community leaders, and public intellectuals involved in social justice issues in the state of New Jersey and beyond. The ADCSSJ seeks to be the voice and nerve center of TCNJ's core beliefs and public mission that "regards education in the service of human welfare as its chief end."	http://www.tcnj.edu/~adcssi/
Bonner Center for Civic and Community Engagement	The Bonner Center cultivates the common ground that exists between the educational mission of the College and the interests and needs of the local community. It does so by creating teaching and learning opportunities that simultaneously build the capacity of TCNJ students and community organizations in Trenton and the region. In so doing, the Center puts the College's main values into action and strives to foster a more enlightened, participatory and egalitarian society.	http://www.tcnj.edu/~bonner/
Career and Community Studies	Career & Community Studies is a college-based, liberal studies program designed to prepare students (ages 18-25) for adult life through academic rigor, career discovery and preparation and peer socialization as part of a diverse community of learners. Students wanting to be considered for this program must present a disability that is characterized by significant limitations both in intellectual functioning and in adaptive behavior, seeking a post-secondary experience on a college campus and requires a strong system of supports. Students must be highly motivated young adults who have received extensive educational services in either public or private schools and would likely have considerable difficulty succeeding in a traditional college degree program.	http://www.tcnj.edu/~ccs/
Center for the Arts	The Center serves to promote arts activities, both on and off campus, collaborate with arts organizations in New Jersey and beyond, advocate for arts education in schools and communities, and serve as a link to the curricular needs of all of the Schools in the College of New Jersey. The Center facilities include the College Art Gallery, Mildred and Ernest E. Mayo Concert Hall, Kendall Hall Main Stage Theatre, Don Evans Black Box Theatre, WTSR radio, and soon to be opened Sarnoff Collection Museum. The Center serves as a producer for campus sponsored events as well as a presenter for events brought to the community for entertainment and education.	http://www.tcnj.edu/~arts/facilities/index
Center for Assistive Technology And Inclusive Educational Studies (CATIES)	CATIES is a research and service initiative of The College of New Jersey's School of Education. It is dedicated to improving the educational experiences of children with disabilities by linking faculty and staff expertise with the needs of New Jersey 's educational community.	http://www.tcnj.edu/~caties/
The Center for Excellence in STEM Education	The Center for Excellence in STEM (Science, Technology, Engineering, and Mathematics) Education at The College of New Jersey brings together a multidisciplinary team of educators, researchers, and practitioners. The Center promotes inquiry and design-based learning to engage learners in the understanding and application of mathematical, scientific, technological, and engineering concepts and principles. It functions as a school service center, a demonstration and professional development center for teachers, a product development center, and a community resource.	http://center4stem.org
Center for Excellence in Teaching and Learning	The center sponsors major lectures, special symposia, teaching and learning communities, scholars and fellows programs, and consultation pertaining to the teaching and learning process. The center also acquires resources that our faculty and professional staff can use to inform their work as teacher-scholars dedicated to providing students with a rich educational experience. In addition, the center honors outstanding innovations and achievements in teaching and learning by members of our community.	http://cetl.pages.tcnj.edu/

Center Name	Description	Website
Center for Global Engagement	The Center for Global Engagement directs Education Abroad and International Student Services at The College of New Jersey. The Center oversees advising for study abroad, international internships, and other global initiatives as well as international student services for TCNJ students holding the F and J visas enabling study in the USA.	http://www.tcnj.edu/~goglobal/undergraduate/
Center for Youth Relationship Development	The Center for Youth Relationship Development conducts research, develops interventions, and educates students and professionals to improve understanding of the emotional and cognitive processes in relationships. Satisfying relationships are central for mental and physical health.	http://www.tcnj.edu/~cyrd/
Municipal Land Use Research Center	MLUC @ TCNJ was established six years ago to improve the coordination and integration of transportation planning and land-use decision-making by working closely with State departments and agencies while simultaneously enhancing local governments' planning capacity. Even in its relatively brief history, MLUC @ TCNJ has already achieved a long list of proud accomplishments. We are currently a leading partner in "Sustainable Jersey," and are engaged with municipalities throughout the state in extensive zoning and land-use reform. In this way, MLUC @ TCNJ has added environmental planning and social equity concerns to its original repertoire of transportation planning and land-use decision-making.	http://www.tcnj.edu/~mluc/
Professional Development School Network	The PDSN is a dynamic partnership between and among The College of New Jersey and select school districts located within a 30-mile radius of The College.	http://www.tcnj.edu/~educat/pdsn/index.html
Small Business Development Center	The College of New Jersey Small Business Development Center is part of a statewide/nationwide network of small business development centers designed to provide free and confidential small business management counseling and low-cost comprehensive training workshops to assist the small business communities in Mercer and Middlesex counties.	http://www.tcnj.edu/~sbdcc/

1. Research and Development Expenditures

The total Academic Research and Development (R&D) Expenditures for fiscal year 2010 increased by 5.0% (\$399,311) from the previous year total. Federally Financed, Privately Financed and Institutionally Financed Academic R&D expenses have increased from fiscal year 2009, while State Financed expenses decreased by 68% percent (\$219,504). The R&D Expenditures for fiscal year 2010 are included in the table below.

**Required Table II.H.1.:
Research and Development Expenditures, 2010**

Expenditure	Amount
Federally Financed Academic R&D Expenditures	\$327,066
State Financed Academic R&D Expenditures	\$105,092
Privately Financed Academic R&D Expenditures	\$262,549
Institutionally Financed Academic R&D Expenditures	\$7,617,871
Total Academic R&D Expenditures	\$8,312,578

Source: Dollar amount as reported to the National Science Foundation (NSF) on Form #411 (Survey of Research and Development Expenditures at Colleges and Universities).