

H. MAJOR RESEARCH AND PUBLIC SERVICE ACTIVITIES

During the 2009-10 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. 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 2013)—over 1200 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.

TCNJ Clinic

The TCNJ Clinic is a community based clinic that provides practical supervised experience for both graduate and post-graduate students in the Department of Counselor Education to further expand their counseling and therapy skills. Student interns address a variety of clinical issues e.g., anxiety, depression, substance abuse, job loss, family communication problems, parenting struggles, grief and loss. Since the Clinic's inception in November 2005, the TCNJ Clinic has served over 447 campus and community clients. The TCNJ Clinic also provides individual counseling and family therapy to faculty and staff through TCNJ's Employee Assistance Program (EAP).

In December 2007 the Clinic had an opening ceremony for its new Interactive Play Therapy Room after receiving a \$10,000 grant from Bright Horizons Foundation for Children. Most recently, the Clinic was awarded a \$170,000 two year grant by Mercer County to provide Parent-Child Interactive Therapy (PCIT) which focuses on improving parent-child interaction for parents of children with behavior problems. This is an evidence based practice that targets children between the ages of 2-10 years old. The Clinic further provides opportunities for research on family systems and treatment.

Center for Youth Relationship Development

The Center for Youth Relationship Development conducted research on young women's narratives about their own and their partners' positive and negative relationship experiences and how these behaviors were related to conflict tactics and relationship satisfaction. Such work will inform future interventions. Research on how youth's sexual abuse experience was related to romantic and sexual intimacy also was completed.

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 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 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

Center Name	Description	Website
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/~sbdc/

The total Academic Research and Development (R&D) Expenditures for fiscal year 2009 increased by 8.7% (\$631,570) from the previous year total. State Financed, Privately Financed and Institutionally Financed Academic R&D expenses have increased from fiscal year 2008, while Federally Financed expenses decreased by nine percent (\$14,105). The R&D Expenditures for fiscal year 2009 are included in the table below.

**Required Table II.H.1.:
Research and Development Expenditures, 2009**

Expenditure	Amount
Federally Financed Academic R&D Expenditures	\$140,247
State Financed Academic R&D Expenditures	\$324,596
Privately Financed Academic R&D Expenditures	\$245,291
Institutionally Financed Academic R&D Expenditures	\$7,203,133
Total Academic R&D Expenditures	\$7,913,267

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