

## I1: Research

<i>COLLEGE</i>	<i>DEPT</i>	<i>PI</i>	<i>TITLE</i>	<i>SPONSOR</i>
Communication	Composition and Rhetoric	Diane Penrod	National Writing Project Application for Continued Funding 2004-05	National Writing Project
Education	Special Education	Stanley Urban & Joy Xin	Restructuring Teacher Preparation Program to Support Ed. Of Children with Disabilities	NJ Department of Education
Education	Office of the Dean	Carol A. Sharp	Valuing Yesterday, Learning Today, and Building Tomorrow	NJ Commission on Higher Education
Education	Education Institute	Ronald Butcher	New Jersey Consortium for Middle School Teacher Preparation	U.S. Department of Education Grant to Kean University
Education	Education Institute	Ron Butcher	Alternate Route Pre Service	NJ Department of Education
Education	Education Institute	Ron Butcher	Alternate Route Pre Service- Supplement	NJ Department of Education
Engineering	Mechanical Engineering	Anthony Marchese, John Chen, Hampton Gabler	A 1.1 Second Drop Tower for Fundamental Combustion and Fluid Dynamics Research	National Science Foundation
Engineering	Mechanical Engineering	Jennifer Kadlowec	Differential Mechanical Performance of the Q3	Children's Hospital of Philadelphia
Engineering	Mechanical Engineering	Hong Zhang	Interactive Mobile Aqua Probing & Surveillance	National Science Foundation
Engineering	Civil and Environmental	William Riddell	Compatibility of Highway Railroad Crossing Gates with Overhead Catenary System High Voltage Power for Trains	NJ Department of Transportation
Engineering	Civil and Environmental	Beena Sukumaran, Shreekanth Mandayam	Collaborative Research: Three-dimensional Characterization Modeling of Angular Materials	National Science Foundation
Engineering	Civil and Environmental	Yusuf Mehta	Implement Portable Water Distribution in Thailand	Engineers Without Borders
Engineering	Civil and Environmental	Jess Everett	Amiba and Bird Evaluation At Lipari Landfill	US Army Corps of Engineering (USACE)
Engineering	Electrical and Computing	Ravi P. Ramachandran	Objective Assessment of Speech Quality Using Pattern Recognition Techniques	Rome Airforce Labs through a sub/ Research Associate
Engineering	Civil and Environmental	Jess Everett	Bird Mulch Trench Demonstration at Dover AFT	Earth Science Services
Engineering	Civil and Environmental	Joseph Orlins	Upper Mantual Creek Regional Stormwater Management Plan (Resubmission)	Camden County Soil District & NJDEP
Engineering	Electrical and Computing	Gina Tang	JAVA CODE OBFUSCATION	Lockheed Martin
Engineering	Office of the Dean	Dianne Dorland	Southern New Jersey Satellite Campus Pilot Program	U. S. Department of Education
Engineering	Civil and Environmental	Jess Everett	BiRD Injection Demonstration at Goodfellow AFB	Earth Science Services
Engineering	Civil and Environmental	Jess Everett	BiRD Injection Demonstration at Chevron	Earth Science Services
Engineering	Electrical and Computing	Peter Jansson	NJ Anemometer Loan Program for Wind Energy	NJ Board of Public Utilities/US Dept. of Energy
Engineering	Office of the Dean	Dianne Dorland	Southern New Jersey Campus Pilot Program	NASA
Engineering	Civil and Environmental	Kauser Jahan	Microbial Transformation of Arsenic	American Institute of Bangladesh Studies
Engineering	Civil and Environmental	Yusuf Mehta	Evaluation of Interlayer Bonding of HMA Layers	Wisconsin Department of Transportation

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Final Summary of Grant Activity in Fiscal Year 2006				
Engineering	Electrical and Computing	Shreekanth Mandayam	CT System	National Science Foundation
Engineering	Electrical and Computing	Robert Krchnavek	REU Supplement to Dynamic Switching of Perpendicular Magnetic Nanostructures and Patterned Recording Media	National Science Foundation
Engineering	Electrical and Computing	Robert Krchnavek	Dynamic Switching of Perpendicular and Patterned Magnetic Recording Media	National Science Foundation
Liberal Arts and Science	Mathematics	Eric Milou	South Jersey Mathematics Partnership at Rowan Univ	NJ Department of Education
Liberal Arts and Science	Mathematics	Janet Caldwell	NJ SSI Regional Center	NJ Statewide Systemic Initiative
Liberal Arts and Science	LAS Institute	DeMond Miller	Water Reuse for Gloucester County	US EPA
Liberal Arts and Science	Psychology	Janet Cahill	Child and Family Assessment Clinic	Division of Youth and Family Services
Liberal Arts and Science	Chemistry and Biochemistry	Eric Spokas	Effect of Lead on Ion Transport in Fathead Gill	National Institute of Health
Liberal Arts and Science	Psychology	Linda Jeffrey	NJ Consortium Alcohol Social Norms & Party Drug- #06-455-ADA-1	NJ Dept. of Human Ser. & Div. Of Addiction Service
Liberal Arts and Science	Psychology	Linda Jeffrey	Rebel University Initiative- #06-1983-TOB-M-O	NJ Dept of Health/Division of Addiction Services
Liberal Arts and Science	Mathematics	Janet Caldwell	NJ Math Science Partnership/YEAR 4	NSF (Subcontract from Rutgers)
Liberal Arts and Science	Physics & Astronomy	Hong Ling	Amplification of Matter Waves	National Science Foundation
Liberal Arts and Science	Biological Sciences	Courtney Richmond	Development of a stage-based population model for predicting Johnson's sea grass responses to environmental and anthropogenic stressors	Florida Fish and Wildlife Conservation Commission
Liberal Arts and Science	Special Education	Mian Wang	Family-Professional partnership & Family Quality of Life in Early Childhood Education Programs	NIDRR (U.S. Department of Education)
Liberal Arts and Science	Special Education	Marie Cammarota	Health Occupations Students of America	NJ Department of Education
Liberal Arts and Science	Special Education	Marie Cammarota	Vocational Student Organization	NJ Department of Education
Liberal Arts and Science	Secondary Education	Frank Orlando	Alternate Route Curriculum Realignment	NJ Department of Education
Liberal Arts and Science	History	Jim Heinzen	Corruption, Politics and Everyday Life in the Soviet Union, 1940-1960s	National Council for Eurasian and East European
Liberal Arts and Science	Biological Sciences	Gregory Hecht	RUI: Genetic Investigation of Bacterial Lead Phosphate Precipitation	National Science Foundation
Liberal Arts and Science	Psychology	Janet Cahill	Evaluation of Multisystemic Therapy Program	NJ Center for Family Services
Office of the Provost	Camden Campus	Eric Clark	FYO5 C.H.A.M.P./GEAR UP PROGRAM	NJ Commission of Higher Education
Office of the Provost	Camden Campus	Eric Clark	FYO5 GEAR UP PROGRAM	NJ Commission of Higher Education
Office of the Provost	Camden Campus	Eric Clark	Camden Neighborhood Technology Center/Champ Learn and Earn Computer Youth Technology Project	Camden Empowerment Zone Corporation

Source: Office of Grants and Sponsored Research, FY05 Grant Report (Awarded &amp; Addtl. Funding) (09/08/06)

## I.2 Community Service in Fiscal Year 2007

### **Education**

Reading Enrichment Program at Tri-County Head Start, Glassboro  
 Mentoring at Glassboro Child Development Center  
 J. Harvey Rodgers School Tutoring Program  
 Big Brother/Big Sister Mentoring Program  
 Mural at SERV  
 Unity Day  
 Glassboro Boys and Girls Club  
 Junior Achievement Teaching Program @ Kindle  
 Points of Light Homeless Survey

### **Economic**

Habitat for Humanity - Gloucester County Chapter  
 Act, Speak, Build Week: SERV playground built by Habitat Club  
 Assist with United Way's Chili Cook-Off  
 Abilities Center of Southern NJ - Holiday Drive  
 Operation Backpack - SERV - Camden  
 Cans Across the Pit Food Drive  
 United Way of Gloucester County Food Drive  
 Hurricane Katrina Rebuild - Alternative Spring Break

### **Environmental**

SGA Big Event: Glassboro High School & SERV  
 Campus Clean & Green (October & April)

### **Health**

American Red Cross Sickle Cell and Anemia Education  
 South Jersey Food Bank "One Big Table"  
 March of Dimes - Walk America  
 Red Cross Blood Drive (4)  
 South Jersey AIDS Coalition "Adopt a Family" - Thanksgiving, Christmas  
 Emmanuel Cancer Foundation  
 Relay for Life - American Cancer Society  
 America's Second Harvest "One Big Table"  
 Locks for Love Hair Donations  
 Breast Cancer Awareness Table & Fundraiser  
 Alternative Spring Break - Give Kids the World Village  
 Cell phone drive - Special Olympics  
 Can Tab Donations for Ronald McDonald House  
 Parent Baskets for Neonatal Center at Kennedy Hospital  
 Alternative Spring Break: Camp boggy Creek  
 Monthly Programs at:  
 \*Post House Senior Center, Glassboro  
 \*Sterling Assisted Living Center, Deptford  
 \*Planet Hope Prom: Gown Collection

### **Recreational**

Activities at Glassboro Guardian Adult Daycare (6)  
 Senior Citizens' Prom  
 Together Shelter Cookout & Funplex  
 Ronald McDonald House Dinner & Activities  
 Haunted Student Center

**I.2 Community Service in Fiscal Year 2007**

***International***

DVD Drive - Care Packages for Soldiers in the Middle East

Source: Kim Joyce, Office for Service Learning (07/26/2007)