

Montclair State University
Office of Research and Sponsored Programs

ANNUAL REPORT FISCAL YEAR 2008
External Proposals Submitted/Awards Received

October 20, 2008

Office of Research and Sponsored Programs

Laurie Treleven, Director

Catherine Bruno, Post-Award Manager

Lorraine Ramos, Pre-Award Officer

Fitzgerald Edwards, IRB Administrator

Melissa Ellington, Program Assistant

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| Number of Proposals Submitted | 19 |
| Number of Awards Received | |
| Fiscal Years 2003 – 2008 | |
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MONTCLAIR STATE UNIVERSITY
Office of Research and Sponsored Programs

ANNUAL REPORT ON EXTERNAL FUNDING

PROPOSALS SUBMITTED AND AWARD NOTIFICATIONS RECEIVED
 JUNE 21, 2007 - JUNE 30, 2008

| College/School | Proposals | | | | | | Awards | | | | | |
|--|----------------------|-----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | FY 03 | FY 04 | FY 05 | FY 06 | FY 07 | FY 08 | FY 03 | FY 04 | FY 05 | FY 06 | FY 07 | FY 08 |
| Administration & Student Svcs. (ADMIN & STUDENT SVCS) | 592,454.00 | 907,234.00 | 212,000.00 | 281,600.00 | 814,876.00 | 464,809.00 | 1,525,041.00 | 1,201,866.00 | 16,500.00 | 225,900.00 | 33,200.00 | 115,918.00 |
| Arts (CART) | 621,974.00 | 126,995.00 | 237,209.00 | 976,854.00 | 361,025.00 | 285,305.00 | 49,226.00 | 48,532.00 | 58,884.00 | 108,900.00 | 81,000.00 | 104,478.00 |
| Education and Human Services (CEHS) | 8,388,111.00 | 9,632,552.00 | 7,754,590.00 | 4,072,635.00 | 6,098,173.00 | 5,551,688.00 | 2,482,919.00 | 3,167,355.00 | 2,368,218.00 | 2,519,946.00 | 2,394,407.00 | 740,707.00 |
| Humanities and Social Sciences (CHSS) | 706,740.00 | 1,566,684.00 | 2,146,898.00 | 2,206,611.00 | 7,038,316.00 | 2,915,284.00 | 172,510.00 | 256,000.00 | 234,202.00 | 563,282.00 | 1,000,688.00 | 3,133,548.00 |
| Science & Mathematics (CSAM) | 13,170,863.00 | 90,899,143.00 | 11,732,999.00 | 15,790,236.00 | 12,973,100.00 | 11,668,532.00 | 911,461.00 | 1,736,343.00 | 1,521,782.00 | 2,118,194.00 | 3,905,434.00 | 2,493,001.00 |
| Business (SBUS) | 179,861.00 | 0.00 | 0.00 | 0.00 | 113,795.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Totals | 23,660,003.00 | 103,132,608.00 | 22,083,696.00 | 23,327,936.00 | 27,399,285.00 | 20,885,618.00 | 5,141,157.00 | 6,410,096.00 | 4,199,586.00 | 5,536,222.00 | 7,414,729.00 | 6,587,652.00 |

Annual Report Proposals Submitted From 6 /21/2007 To 6 /30/2008

| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Requested |
|--|--------------------|--|---------------------------------|------------------------------------|------------------|
| ADMIN & STUDENT SVCS | | | | | |
| Facilities Management | | | | | |
| | Bressler, Gregory | Improving Accessibility for Disabled Persons at Freeman Hall | County | Essex County Community Development | \$260,000 |
| Teaching & Learning Resource Center | | | | | |
| | Bain, Kenneth | Helping Faculty Learn What Students Know | Federal | National Science Foundation | \$69,482 |
| Health Promotion | | | | | |
| | Cascarano, Marie | Utilizing a Multidisciplinary Approach: Montclair Alcohol Prevention Project | Federal | US Department of Education | \$135,327 |
| Total for | | | ADMIN & STUDENT SVCS | | \$464,809 |
| CART | | | | | |
| Art & Design | | | | | |
| | Pemberton, Anthony | | | | |

| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Requested |
|---|---------------------|---|---------------------|---------------------------------------|-------------------------|
| | Wheeler, Jedediah | Peak Performances at MSU: David Gordon's The Mysteries and What's so Funny? | Federal | National Endowment for the Arts | \$100,000 |
| The John J. Cali School of Music | | | | | |
| | Aldridge, Robert | Murieta: Tales of El Dorado | Federal | National Endowment for the Arts | \$20,000 |
| Theatre and Dance | | | | | |
| | Baldwin, Neil | American Spring: A Visionary Humanities Festival Celebrating the MSU Centennial | State | NJ Council for the Humanities | \$10,000 |
| Total for CART | | | | | \$285,305 |
| CEHS | | | | | |
| Center of Pedagogy | | | | | |
| | Robinson, Jennifer | Montclair State University-East Orange Collaborative (Year 3) | State | NJ Department of Education | \$291,546 |
| Counseling, Human Dev. & Educational | | | | | |
| | McCotter, Suzanne | A Model of Professional Learning Communities for School Leaders | State | NJ Department of Education | \$113,000 |
| Curriculum & Teaching | | | | | |
| | Eldridge, Deborah | Mathematics and Science Partnership Program | State | NJ Department of Education | \$44,999 |
| Early Childhood/Elem Ed | | | | | |
| | Gregory, Maughn | Primary School Philosophy of Nature | Private | American Philosophical Association | \$10,297 |
| Educational Foundations | | | | | |
| | Gregory, Maughn | NEH 2009 Philosophy of Nature Summer Institute | Federal | National Endowment for the Humanities | \$192,050 |
| | Gregory, Maughn | The Philosophy for Children History and Research Archives Project | Private | American Philosophical Association | \$17,353 |

Proposals submitted from 6 /21/2007 to 6 /30/2008
Montclair State University Office of Research and Sponsored Programs

Monday, October 20, 2008

| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Requested |
|--|------------------|--|--------------|--|------------------|
| Family and Child Studies | | | | | |
| | Gager, Constance | Effects of Parental Marital Discord on Adult Child Outcomes | Federal | National Institute of Child Health and Human Development | \$144,231 |
| | Goldstein, Sarah | Effects of Aggression and Harassment on Academic Performances and Social Adjustment during the Transition to Middle School (Resubmission) | Federal | National Science Foundation | \$359,415 |
| | Goldstein, Sarah | Effects of Aggression and Harassment on Academic Performance during the Transition to Middle School | Federal | National Science Foundation | \$358,524 |
| | Reid, Robert | The Paterson, NJ / Montclair State University Gang Prevention Initiative | Federal | US Department of Justice | \$200,001 |
| | Reid, Robert | Paterson (NJ) Minority Substance Abuse and HIV Prevention Initiative | Federal | US Department of Health & Human Services/SAMHSA | \$2,000,000 |
| Health & Nutrition Sciences | | | | | |
| | Donnelly, Joseph | Safe Dates | Private | Robert Wood Johnson Foundation | \$3,500 |
| | Feldman, Charles | What School Children Actually Eat: A Laboratory Analysis of the Fat content of Food Served in Urban and Suburban New Jersey Public Schools | Federal | US Department of Agriculture | \$99,223 |
| | Feldman, Charles | What School Children Actually Eat: A Laboratory Analysis of Fat | Private | | |

| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Requested |
|---|-------------------|--|--------------|---|------------------|
| CHSS | | | | | |
| Anthropology | | | | | |
| | Siegel, Peter | Historical Ecology in the Pre-Columbian Caribbean | Federal | National Science Foundation | \$143,526 |
| | Siegel, Peter | Historical Ecology in the Pre-Colombian Caribbean | Private | National Geographic Society | \$27,100 |
| Center for Child Advocacy | | | | | |
| | Curcio, Susan | Investigation and Trial of Crimes Against Children | State | NJ Department of Children and Families | \$61,027 |
| | Esquilin, Susan | Incredible Years Parenting Program | State | NJ Department of Children and Families | \$60,000 |
| | McCormick, Robert | Foster Care Program-Passaic County | Private | Hispanic Information Center of Passaic County | \$6,408 |
| Communication Sciences and Disorders | | | | | |
| | Boyle, Mary | Word Retrieval in Discourse | Private | American Speech Language Hearing Foundation | \$69,180 |
| | Eisenberg, Sarita | | | | |

School Department Lead Faculty

| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Requested |
|--------------------------|---------------------|----------------------|---------------------|---------------------|-------------------------|
|--------------------------|---------------------|----------------------|---------------------|---------------------|-------------------------|

School

| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Requested |
|--------------------------|---------------------|---|---------------------|---|-------------------------|
| | Feng, Huan | Passaic River Watershed Socioeconomic Analysis and Environmental Sustainability Study for Ecosystem Management | State | New Jersey Water Resources Research Institute | \$25,181 |
| | Galster, Josh | Investigation of the source sediment loads to streams in NJ: streambank vs. watershed | State | New Jersey Water Resources Research Institute | \$30,000 |
| | Ophori, Duke | Tracing of Petroleum Migration & Accumulation Using Large-Scale Groundwater Flow Through Porous Media, Niger Delta, Nigeria | Private | American Chemical Society-Petroleum Research Fund | \$93,444 |
| | Passchier, Sandra | CAREER: Cenozoic Antarctic Climate Evolution Based on a Multi-Proxy Analysis of the Terrigenous Fraction in Near-Shore Sediment Cores | Federal | National Science Foundation | \$539,861 |
| | Passchier, Sandra | Investigating major shifts in global climate in antarctic sediment core | Federal | National Science Foundation | \$71,229 |
| | Passchier, Sandra | Determining middle Miocene through Pliocene changes in paleo ice-flow and basal ice conditions in East Antarctica through sedimentological analyses of core samples | Federal | National Science Foundation | \$324,424 |
| | Pope, Gregory | Analysis of Manufactured Topsoil | Private | BioGenesis Washing BGW, LLC | \$5,019 |
| | Yu, Danlin | Exploring the Spatial-Temporal Structure of a Regional Economic Development System Using Polynomial Sequential Strategy | Federal | National Science Foundation | \$127,735 |

Mathematical Sciences

| | | | | | |
|--|-----------------|--|---------|-----------------------------|-----------|
| | Billings, Lora | Collaborative Research: Multi-scale modeling of infectious diseases in fluctuating environments-Prediction and control | Federal | National Science Foundation | \$213,186 |
| | Li, Aihua | Center for Undergraduate Research in Mathematics Mini-grant | Federal | National Science Foundation | \$18,700 |
| | Trubatch, David | Conference on Innovation in Undergraduate Research and Teaching | Federal | National Science Foundation | \$32,589 |
| | Wolff, Kenneth | Fellows in the Middle: Partnerships for Inquiry and Interdisciplinary Middle School Science and Mathematics | Federal | National Science Foundation | \$100,000 |
| | Yecko, Philip | The Role of Capillarity in the Breakup of Fluid Interfaces at Finite Reynolds Number | Federal | National Science Foundation | \$276,136 |

Proposals submitted from 6 /21/2007 to 6 /30/2008
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| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Requested |
|--------------------------------|-----------------|--|--------------|---|---------------------|
| Passaic River Institute | | | | | |
| | Barrett, Kirk | Planning Coastal Wetland Habitat Restoration Along a Bulkheaded, Contaminated Estuary: an Innovative Approach for a Highly Constrained Situation | State | New England Interstate Water Pollution Control Commission | \$54,609 |
| | Barrett, Kirk | A Near-Future Prediction and Alert System for Coastal Flooding: Integration of Near Real Time Monitoring, Geographic Information Systems and Modern Telecommunications | State | NJ Sea Grant | \$4,970 |
| | Barrett, Kirk | Summer Environmental Science Field School Students from Urban, Disadvantaged School Districts in Northern New Jersey | Federal | US Environmental Protection Agency | \$49,898 |
| | Barrett, Kirk | A Comprehensive Assessment of Restoration of Salt Marshes Affected by an Oil Spill and Comparison with an Unrestored Oil Marsh | Federal | National Oceanic & Atmospheric Administration | \$129,580 |
| PRISM | | | | | |
| | Willis, Jacalyn | e-CUSP: elementary-Creative University School Partnerships (year 2 of 3) | State | NJ Department of Education | \$510,250 |
| Total for CSAM | | | | | \$11,668,532 |
| Grand Total | | | | | \$20,885,618 |

Proposals submitted from 6 /21/2007 to 6 /30/2008
Montclair State University Office of Research and Sponsored Programs

Monday, October 20, 2008

Annual Report Awards

Award notices received From 6 /21/2007 To 6 /30/2008

| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Awarded |
|-------------------|--------------|---------------|--------------|--------------|----------------|
|-------------------|--------------|---------------|--------------|--------------|----------------|

ADMIN & STUDENT SVCS

Center for Career Services & Community Based Learning

| | | | | | |
|--|----------------|--|---------|---|----------|
| | Sessa, Valerie | Expanding Capacity for Engaged Learning Across MSU: Building academic, personal and civic development through a Service Leadership Program | Private | Association of American Colleges & Universities | \$90,000 |
|--|----------------|--|---------|---|----------|

Global Education

| | | | | | |
|--|--------------------|--|-------|-------------------------------|---------|
| | Cunningham, Marina | Italian Sense of Place: Land and Identity (Italian Festival of Arts and Humanities at MSU) | State | NJ Council for the Humanities | \$9,990 |
|--|--------------------|--|-------|-------------------------------|---------|

Health Promotion

| | | | | | |
|--|------------------|---|--|--|--|
| | Cascarano, Marie | Companuh-7.1(hm0dpnTm0mpnj/tgs)3.7(56 0 2734ttthe4c006 01 Twdi0mpnj/tgs)3.7(56 0 2734ttthe4c006 01 T80 Tw()Tj0 7.98 -7.98 0 288.36 2)iT161.04 42 T | | | |
|--|------------------|---|--|--|--|

| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Awarded |
|--------------------------|---------------------|----------------------|---------------------|---------------------|-----------------------|
| Theatre and Dance | | | | | |

| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Awarded |
|----------------------------------|---------------------|---|--------------|--|----------------|
| CHSS | | | | | |
| Anthropology | | | | | |
| | Siegel, Peter | Historical Ecology in the Pre-Colombian Caribbean | Private | National Geographic Society | \$27,100 |
| Center for Child Advocacy | | | | | |
| | Esquilin, Susan | Essex County Incredible Years Parenting Project (Year 2 at MSU) | State | NJ Department of Children and Families | \$80,000 |
| | McCormick, Robert | New Jersey Child Welfare Training Consortium | State | NJ Department of Children and Families | \$1,357,950 |
| | McCormick, Robert | Post BA Certification in Child Advocacy | State | NJ Division of Youth and Family Services | \$173,250 |
| | McCormick, Robert | Post BA Certification in Child Advocacy | State | NJ Division of Youth and Family Services | \$59,665 |
| | McCormick, Robert | Foster Care Program-Passaic County | Private | Hispanic Information Center of Passaic | \$6,408 |
| | McCormick, Robert | New Jersey Child Welfare Training Consortium | State | NJ Department of Children and Families | \$984,435 |
| Justice Studies | | | | | |
| | Connolly, Norma | CASA Training Program | Private | CASA of New Jersey | \$10,800 |
| Linguistics | | | | | |
| | Feldman, Anna | Machine Translation Evaluation (English - Indonesian) | Federal | US Army - Fort Monmouth | \$2,969 |
| | Fitzpatrick, Eileen | Interview Analysis for Detection of Deception | Federal | US Department of Defense | \$254,279 |
| | Fitzpatrick, Eileen | Discourse Structure Annotation of Legal Texts | Private | Complyon Inc. | \$538 |

**Award notices received from 6 /21/2007 to 6 /30/2008
Montclair State University Office of Research and Sponsored Programs**

Monday, October 20, 2008

| School Department | Lead Faculty | Project Title | Sponsor Type | Sponsor Name | Amount Awarded |
|----------------------------------|---------------------|--|--------------|-------------------------------|--------------------|
| Political Science and Law | | | | | |
| | Wishnick, Elizabeth | China as a Risk Society | Private | Smith Richardson Foundation | \$58,968 |
| Psychology | | | | | |
| | Dickinson, Jason | Collaborative Research: The Impact of Cuing on Children's Eyewitness Testimony and Source Monitoring | Federal | National Science Foundation | \$117,186 |
| Total for CHSS | | | | | \$3,133,548 |
| CSAM | | | | | |
| Biology/Molecular Biology | | | | | |
| | Halaby, Reginald | Establishment of a MARC Program at Montclair State University (Year 2) | Federal | National Institutes of Health | \$233,830 |
| | Vega, Quinn | MSU-UMDNJ-GSBS Bridges to the Doctorate (Year 6) | Federal | National Institutes of Health | \$216,186 |
| Chemistry/Biochemistry | | | | | |
| | Schelvis, Johannes | | | | |

MONTCLAIR STATE UNIVERSITY
Office of Research and Sponsored Programs

Figure 1
Number of Proposals Submitted by Fiscal Year
Number of Awards Received by Fiscal Year
2003 - 2008

Figure 2
Award Amounts Received by Fiscal Year
2003 - 2008