

Cleveland State University

Office of the Vice President for Research & Graduate Studies

Office of Sponsored Programs and Research

George E. Walker, Ph.D.

YEAR-TO-DATE SUMMARY COMPARISON

July 1, 2009 - March 31, 2010

and

July 1, 2008 - March 31, 2009

Awards

| | Dollars | | | | % Change (Total) | Numbers | |
|-----------|---------------|--------------|---------------|----------|------------------|---------|--|
| | Direct | Indirect | Total | % Change | | | |
| 2009-2010 | \$ 12,321,026 | \$ 1,893,718 | \$ 14,214,744 | -1.7% | 176 | 16.6% | |
| 2008-2009 | \$ 13,281,797 | \$ 1,176,327 | \$ 14,458,124 | | 151 | | |

Proposals

| | Dollars | | | | % Change (Total) | Numbers | |
|-----------|---------------|--------------|---------------|----------|------------------|---------|--|
| | Direct | Indirect | Total | % Change | | | |
| 2009-2010 | \$ 46,981,768 | \$ 9,682,803 | \$ 56,664,571 | -1.4% | 177 | -22.7% | |
| 2008-2009 | \$ 48,559,399 | \$ 8,920,762 | \$ 57,480,161 | | 229 | | |

Expenditures

| | Dollars | | | | % Change (Total) |
|-----------|---------------|--------------|---------------|----------|------------------|
| | Direct | Indirect | Total | % Change | |
| 2009-2010 | \$ 11,274,684 | \$ 1,102,307 | \$ 12,376,991 | -19.0% | |
| 2008-2009 | \$ 14,217,666 | \$ 1,057,431 | \$ 15,275,097 | | |

Awards

Monthly Comparison

| | Fiscal Year 2010 | | | Fiscal Year 2009 | | |
|---------------|------------------|--------------|---------------|------------------|--------------|---------------|
| | Direct | Indirect | Total | Direct | Indirect | Total |
| July | \$ 2,087,183 | \$ 473,902 | \$ 2,561,085 | \$ 3,429,786 | \$ 284,679 | \$ 3,714,465 |
| August | \$ 2,466,225 | \$ 400,866 | \$ 2,867,091 | \$ 1,897,016 | \$ 149,904 | \$ 2,046,920 |
| September | \$ 3,578,750 | \$ 471,221 | \$ 4,049,971 | \$ 2,871,607 | \$ 216,053 | \$ 3,087,660 |
| October | \$ 1,093,775 | \$ 117,995 | \$ 1,211,770 | \$ 1,441,991 | \$ 134,608 | \$ 1,576,599 |
| November | \$ 584,548 | \$ 33,571 | \$ 618,119 | \$ 867,460 | \$ 76,203 | \$ 943,663 |
| December | \$ 740,981 | \$ 31,256 | \$ 772,237 | \$ 424,723 | \$ 101,020 | \$ 525,743 |
| January | \$ 114,822 | \$ 20,712 | \$ 135,534 | \$ 699,672 | \$ 86,808 | \$ 786,480 |
| February | \$ 604,198 | \$ 98,754 | \$ 702,952 | \$ 378,120 | \$ 87,632 | \$ 465,752 |
| March | \$ 1,050,544 | \$ 245,441 | \$ 1,295,985 | \$ 1,271,422 | \$ 39,420 | \$ 1,310,842 |
| April | | | | \$ 287,370 | \$ 33,274 | \$ 320,644 |
| May | | | | \$ 301,765 | \$ 35,179 | \$ 336,944 |
| June | | | | \$ 2,093,602 | \$ 140,788 | \$ 2,234,390 |
| Totals | | | | | | |
| July - March | \$ 12,321,026 | \$ 1,893,718 | \$ 14,214,744 | \$ 13,281,797 | \$ 1,176,327 | \$ 14,458,124 |
| Fiscal Year | | | | \$ 15,964,534 | \$ 1,385,568 | \$ 17,350,102 |

Cleveland State University

Office of the Vice President for Research & Graduate Studies

Office of Sponsored Programs and Research

George E. Walker, Ph.D.

Proposals

Monthly Comparison

| | Fiscal Year 2010 | | | Fiscal Year 2009 | | |
|---------------|------------------|--------------|---------------|------------------|---------------|---------------|
| | Direct | Indirect | Total | Direct | Indirect | Total |
| July | \$ 7,899,472 | \$ 2,087,948 | \$ 9,987,420 | \$ 8,974,248 | \$ 1,587,451 | \$ 10,561,699 |
| August | \$ 8,114,277 | \$ 496,984 | \$ 8,611,261 | \$ 892,559 | \$ 154,361 | \$ 1,046,920 |
| September | \$ 4,622,970 | \$ 1,040,159 | \$ 5,663,129 | \$ 4,705,626 | \$ 749,529 | \$ 5,455,155 |
| October | \$ 4,635,632 | \$ 822,195 | \$ 5,457,827 | \$ 3,718,836 | \$ 936,913 | \$ 4,655,749 |
| November | \$ 4,418,248 | \$ 1,387,370 | \$ 5,805,618 | \$ 5,903,185 | \$ 1,315,426 | \$ 7,218,611 |
| December | \$ 6,170,132 | \$ 887,732 | \$ 7,057,864 | \$ 2,266,880 | \$ 436,099 | \$ 2,702,979 |
| January | \$ 3,189,184 | \$ 301,745 | \$ 3,490,929 | \$ 3,477,220 | \$ 682,238 | \$ 4,159,458 |
| February | \$ 4,699,816 | \$ 1,622,757 | \$ 6,322,573 | \$ 15,710,406 | \$ 2,516,871 | \$ 18,227,277 |
| March | \$ 3,232,037 | \$ 1,035,913 | \$ 4,267,950 | \$ 2,910,439 | \$ 541,874 | \$ 3,452,313 |
| April | | | | \$ 7,449,991 | \$ 1,902,022 | \$ 9,352,013 |
| May | | | | \$ 8,714,002 | \$ 1,073,377 | \$ 9,787,379 |
| June | | | | \$ 8,392,484 | \$ 1,351,202 | \$ 9,743,686 |
| Totals | | | | | | |
| July - March | \$ 46,981,768 | \$ 9,682,803 | \$ 56,664,571 | \$ 48,559,399 | \$ 8,920,762 | \$ 57,480,161 |
| Fiscal Year | | | | \$ 73,115,876 | \$ 13,247,363 | \$ 86,363,239 |

Expenditures

Monthly Comparison

| | Fiscal Year 2010 | | | Fiscal Year 2009 | | |
|---------------|------------------|--------------|---------------|------------------|--------------|---------------|
| | Direct | Indirect | Total | Direct | Indirect | Total |
| July | \$ 1,152,901 | \$ 165,018 | \$ 1,317,919 | \$ 1,558,748 | \$ 186,653 | \$ 1,745,401 |
| August | \$ 1,527,367 | \$ 158,056 | \$ 1,685,423 | \$ 1,730,774 | \$ 168,014 | \$ 1,898,788 |
| September | \$ 730,629 | \$ 93,560 | \$ 824,189 | \$ 1,356,513 | \$ 105,025 | \$ 1,461,538 |
| October | \$ 1,368,322 | \$ 156,010 | \$ 1,524,332 | \$ 1,477,863 | \$ 118,792 | \$ 1,596,655 |
| November | \$ 1,378,734 | \$ 78,796 | \$ 1,457,530 | \$ 1,746,595 | \$ 79,311 | \$ 1,825,906 |
| December | \$ 873,636 | \$ 89,024 | \$ 962,660 | \$ 1,442,879 | \$ 90,715 | \$ 1,533,594 |
| January | \$ 2,091,822 | \$ 161,350 | \$ 2,253,172 | \$ 1,883,966 | \$ 104,614 | \$ 1,988,580 |
| February | \$ 1,127,533 | \$ 100,470 | \$ 1,228,003 | \$ 1,540,581 | \$ 81,714 | \$ 1,622,295 |
| March | \$ 1,023,740 | \$ 100,023 | \$ 1,123,763 | \$ 1,479,747 | \$ 122,593 | \$ 1,602,340 |
| April | | | | \$ 1,090,646 | \$ 75,296 | \$ 1,165,942 |
| May | | | | \$ 1,324,769 | \$ 86,769 | \$ 1,411,538 |
| June | | | | \$ 2,183,343 | \$ 177,226 | \$ 2,360,569 |
| Totals | | | | | | |
| July - March | \$ 11,274,684 | \$ 1,102,307 | \$ 12,376,991 | \$ 14,217,666 | \$ 1,057,431 | \$ 15,275,097 |
| Fiscal Year | | | | \$ 18,816,424 | \$ 1,396,722 | \$ 20,213,146 |

Cleveland State University

Office of the Vice President for Research & Graduate Studies

Office of Sponsored Programs and Research

George E. Walker, Ph.D.

YEAR-TO-DATE SUMMARY COMPARISON - AWARDS

July 1, 2009 - March 31, 2010

and

July 1, 2008 - March 31, 2009

College/Division Awards

| | Fiscal Year 2010 | | | | Fiscal Year 2009 | | | |
|---|----------------------|---------------------|----------------------|------------|----------------------|---------------------|----------------------|------------|
| | Direct | Indirect | Total | Count | Direct | Indirect | Total | Count |
| College of Business Administration | \$ 269,763 | \$ 7,021 | \$ 276,784 | 2 | \$ 118,932 | \$ 15,951 | \$ 134,883 | 2 |
| College of Education & Human Services | \$ 3,383,256 | \$ 254,719 | \$ 3,637,975 | 27 | \$ 1,574,074 | \$ 90,509 | \$ 1,664,583 | 21 |
| College of Engineering | \$ 2,986,753 | \$ 629,830 | \$ 3,616,583 | 36 | \$ 1,694,265 | \$ 314,293 | \$ 2,008,558 | 28 |
| College of Law | \$ - | \$ - | \$ - | 0 | \$ 147,976 | \$ - | \$ 147,976 | 2 |
| College of Liberal Arts & Social Sciences | \$ 332,424 | \$ 16,500 | \$ 348,924 | 12 | \$ 713,610 | \$ 91,074 | \$ 804,684 | 15 |
| College of Science | \$ 2,663,906 | \$ 691,218 | \$ 3,355,124 | 36 | \$ 3,109,854 | \$ 379,934 | \$ 3,489,788 | 29 |
| College of Urban Affairs | \$ 1,565,198 | \$ 216,928 | \$ 1,782,126 | 43 | \$ 2,861,361 | \$ 186,892 | \$ 3,048,253 | 41 |
| Central Administration | \$ 1,044,238 | \$ 77,502 | \$ 1,121,740 | 18 | \$ 2,973,529 | \$ 90,618 | \$ 3,064,147 | 12 |
| Continuing Education | \$ - | \$ - | \$ - | 0 | \$ - | \$ - | \$ - | 0 |
| Undergraduate Studies | \$ 75,488 | \$ - | \$ 75,488 | 2 | \$ 88,195 | \$ 7,056 | \$ 95,251 | 1 |
| July - March Totals | \$ 12,321,026 | \$ 1,893,718 | \$ 14,214,744 | 176 | \$ 13,281,796 | \$ 1,176,327 | \$ 14,458,123 | 151 |

Cleveland State University

Office of the Vice President for Research & Graduate Studies

Office of Sponsored Programs and Research

George E. Walker, Ph.D.

YEAR-TO-DATE SUMMARY COMPARISON - PROPOSALS

July 1, 2009 - March 31, 2010

and

July 1, 2008 - March 31, 2009

| College/Division Proposals | Fiscal Year 2010 | | | | Fiscal Year 2009 | | | |
|---|----------------------|---------------------|----------------------|------------|----------------------|---------------------|----------------------|------------|
| | Direct | Indirect | Total | Count | Direct | Indirect | Total | Count |
| College of Business Administration | \$ 2,412,767 | \$ 126,213 | \$ 2,538,980 | 6 | \$ 40,227 | \$ 9,655 | \$ 49,882 | 1 |
| College of Education & Human Services | \$ 4,636,220 | \$ 352,445 | \$ 4,988,665 | 20 | \$ 7,503,716 | \$ 972,992 | \$ 8,476,708 | 41 |
| College of Engineering | \$ 5,680,551 | \$ 1,552,841 | \$ 7,233,392 | 32 | \$ 19,075,285 | \$ 2,936,901 | \$ 22,012,186 | 48 |
| College of Law | \$ - | \$ - | \$ - | 0 | \$ 147,976 | \$ - | \$ 147,976 | 2 |
| College of Liberal Arts & Social Sciences | \$ 326,036 | \$ 27,453 | \$ 353,489 | 5 | \$ 560,250 | \$ 91,790 | \$ 652,040 | 16 |
| College of Science | \$ 26,938,538 | \$ 6,804,983 | \$ 33,743,521 | 55 | \$ 15,339,753 | \$ 4,429,499 | \$ 19,769,252 | 63 |
| College of Urban Affairs | \$ 2,770,196 | \$ 440,583 | \$ 3,210,779 | 44 | \$ 3,996,827 | \$ 371,305 | \$ 4,368,132 | 47 |
| Central Administration | \$ 3,836,313 | \$ 344,488 | \$ 4,180,801 | 13 | \$ 1,807,170 | \$ 101,564 | \$ 1,908,734 | 10 |
| Continuing Education | \$ 381,147 | \$ 33,797 | \$ 414,944 | 2 | \$ - | \$ - | \$ - | 0 |
| Undergraduate Studies | \$ - | \$ - | \$ - | 0 | \$ 88,195 | \$ 7,056 | \$ 95,251 | 1 |
| July - March Totals | \$ 46,981,768 | \$ 9,682,803 | \$ 56,664,571 | 177 | \$ 48,559,399 | \$ 8,920,762 | \$ 57,480,161 | 229 |

| Amount | Sponsor | Title | Principal Investigator | |
|-------------------------------|--|---|-------------------------|------------------------|
| BUSINESS | | | | |
| Dean | | | | |
| \$182,000 | Ohio Department of Development | Cuyahoga SBDC at the Urban League of Greater Cleveland | Hart | Colette |
| \$94,785 | Department of Education | Globalization & Sustainability | Hart & Javalgi | Colette & Raj |
| CENTRAL ADMIN | | | | |
| Advising | | | | |
| \$541,681 | U.S. Department of Education | Cleveland State University Student Support Services Program | Bovell | George |
| \$2,722 | U.S. Department of Education | Cleveland State University Student Support Services Program | Bovell | George |
| Campus Services | | | | |
| \$113,803 | US Department of Education | The CSU Day Care Program: Lifting Low Income, Single Parent Families Out of Poverty and into Higher Education | Mooney & Price & Clough | Kathleen & Anne & Dawn |
| Career Services | | | | |
| \$107,976 | Cleveland Foundation through the Fenn Educational Fund | Cooperative Education LIKN STEM Pathway Program | Klein | Paul |
| \$80,000 | Cuyahoga County Public Library | America Reads: Tutor Support | Klein | Paul |
| \$27,700 | Council of International Programs USA | Project Career | Klein | Paul |
| \$14,995 | Cleveland Public Library | America Reads | Klein & Burt | Paul & Yolanda |
| \$10,000 | Cleveland County Public Library | America Reads Plus | Burt | Yolanda |
| \$9,000 | Cleveland Public Library | America Reads | Klein & Burt | Paul & Yolanda |
| Health Services | | | | |
| \$500 | American College Health Association | What's a Girl To Do? | Guttman & Fortier | Eileen & Lori |
| International Services | | | | |
| \$50,000 | IFSA Foundation | Nontraditional Student Study Abroad Scholarship | Burke | George |

| Amount | Sponsor | Title | Principal Investigator | |
|---------------------------------------|--|--|--|-----------------------------------|
| Library | | | | |
| \$2,775 | Inst. Of Museum and Library Services through State Library of Ohio | | Thornton | Glenda |
| \$1,500 | NASA | Guy Bluford Event Presentation November 18 | Willilams | Angela |
| Multicultural Affairs | | | | |
| \$470 | Ohio Board of Regents | Student Achievement in Research and Scholarship (STARS) Program | Archer | Serreta |
| Provost | | | | |
| \$138,617 | NASA Glenn Research Center | Simulation and Performance Analysis for CNS | Konangi | Vijay |
| \$20,000 | NASA Glenn Research Center | Simulation and Performance Analysis for CNS: Phase II | Konangi | Vijay |
| EDUCATION & HUMAN SERVICES | | | | |
| CASAL | | | | |
| \$500,000 | Corporation for National and Community Service | Training and Service Learning (TaSL) | Aquila | Frank |
| \$257,522 | Institute of Education Sciences | The Career Passport Program: Development and Refinement | Perry & Schultheiss & Stead & Corrigan | Justin C & Donna & Graham & Diane |
| \$28,000 | Martha Holden Jennings Foundation | Tier II Professional Development Series for Administrators - First Ring Leadership Academy | Morin | Deborah |
| Curric & Foundations | | | | |
| \$200,000 | Hanban Confucius Institute HQ | Confucius Institute Year 2 | Wang | Lih-Ching Chen |
| \$38,307 | Hanban Confucius Institute HQ | Confucius Institute Chinese Cultural Experience Corner | Wang | Lih-Ching Chen |
| \$30,000 | Hanban Confucius Institute HQ | Confucius Instute Book Exhibitions | Wang | Lih-Ching Chen |
| \$10,431 | National Science Foundation through University of Maine-Orono | Evaluation of the Umaine NSF-ITEST Project-IDEAS | Liu | Xiongyi |
| \$9,750 | Hanban Confucius Institute HQ | Confucius Institute Great Wall Computer Hardware | Wang | Lih-Ching Chen |

| Amount | Sponsor | Title | Principal Investigator | |
|--------------------------|---|--|-------------------------------|---------------------------------|
| Dean | | | | |
| \$2,331,867 | US Department of Education through Ohio Department of Education | Reading First - Ohio | Purcell | Teri |
| \$133,917 | US Department of Education through Ohio Department of Education | Reading First - Ohio | Purcell | Teri |
| \$65,000 | KnowledgeWorks Foundation | KnowledgeWorks Foundation Data Collection, Analysis, and Reporting | Brown | Sharon |
| \$57,925 | US Department of Education through Ohio Department of Education | Reading First - Ohio | Purcell | Teri |
| Nursing | | | | |
| \$100,000 | Robert Wood Johnson Foundation | New Careers in Nursing Scholarship Program | Delgado | Cheryl |
| Teacher Education | | | | |
| \$248,440 | U.S. Department of Education | Project Reach | Angelova & Wilberschied & Kim | Maria & Lee & Hoe |
| \$201,475 | US Department of Education through Ohio Department of Education | Partnering for Success | Goodell | Joanne & Jackson & Phillips-Bey |
| \$65,000 | Ohio Board of Regents through Miami University | Improving STEM Teacher Preparation: A Long Term Investment | Goodell | Joanne |
| \$15,000 | Ohio Department of Education | Reading Comprehension and Differentiated Instruction | Purcell | Terri |
| \$11,000 | American Association for the Advancement of Science (AAAS) | "Creating Standards-Based Science Lessons Inspired by Public Policy" | Ferguson & Jackson | Robert & Debbie |
| ENGINEERING | | | | |
| Chem & Biomed | | | | |
| \$474,700 | Ohio Board of Regents | Engineering Across the Pipeline | Gatica & Schoof & Charity | Jorge & Schoof & Charity |
| \$450,000 | National Science Foundation | Materials World Network: Synthesis and Characterization of Functional Molecular Building Blocks for Responsive Materials | Holland | Nolan |
| \$100,000 | NASA Headquarters | Strain-Tolerant Self-Sensing Environmental Barrier Coating for SiC/SiC Ceramic Matrix Composites and Si3N4 Ceramics | Tewari & Aziz | Surendra & Ali-Abdul |
| \$72,000 | NASA Glenn Research Center | Development of Acoustics, Tomography and Radiography Sciences and Facilities Operations | Tewari & Aziz | Surendra & Ali-Abdul |

| Amount | Sponsor | Title | Principal Investigator | |
|----------------------------------|--|--|-------------------------------|-------------------------|
| \$52,658 | NASA Glenn Research Center | Planar Optical Diagnostics for flow Field Measurements and Optical Systems Build Up | Tewari & Aziz | Surendra & Ali-Abdul |
| \$52,000 | NASA Glenn Research Center | Propulsion Health Monitoring System Dev & Instrumententaton | Tewari & Aziz | Surendra & Ali-Abdul |
| \$43,465 | NASA through The University of Arizona | Effect of Convection and Step-Change in Growth Speed on Dendritic Array Morphology During Directional Solidification | Tewari | Surendra |
| \$43,427 | NASA Glenn Research Center | Integration of NDE and Finite Elements Modeling & Image Visualization | Tewari & Aziz | Surendra & Ali-Abdul |
| \$40,019 | NASA Glenn Research Center | Propulsion Health Monitoring System Dev & Instrumententaton | Tewari & Aziz | Surendra & Ali-Abdul |
| \$31,968 | NASA Glenn Research Center | Integration of NDE and Finite Elements Modeling & Image Visualization | Tewari & Aziz | Surendra & Ali-Abdul |
| \$19,584 | Algaeventure Systems | Medium Design for Optimal Algae Growth and Lipid Production | Belovich | Joanne |
| \$15,300 | NASA Glenn Research Center | Development of Acoustics, Tomography and Radiography Sciences and Facilities Operations | Tewari & Aziz | Surendra & Ali-Abdul |
| \$15,000 | NASA Glenn Research Center | Integration of NDE and Finite Elements Modeling & Image Visualization | Tewari & Aziz | Surendra & Ali-Abdul |
| \$10,000 | NASA Glenn Research Center | Integration of NDE and Finite Elements Modeling & Image Visualization | Tewari & Aziz | Surendra & Ali-Abdul |
| Civil & Environmental | | | | |
| \$500,000 | National Science Foundation | Implementation and Assessment of Failure Case Studies in the Engineering Curriculum | Delatte & Bosela & Bagaka's | Norbert & Paul & Joshua |
| \$463,400 | US Department of Transportation | Work Zone Safety and Efficiency | Duffy | Stephen |
| \$269,849 | US Department of Energy | Modeling Stress Strain Relationships and Predicting Failure Probabilities for Graphite Core Components | Duffy | Stephen |
| \$20,000 | Ohio Department of Transportation | Study of Bankfull Culvert Design Effectiveness | Tumeo | Mark |
| \$19,913 | Ohio Department of Health | Risk-Based Approach for Examinaing VSD in On-Site Wastewater Disposal Systems | Tumeo | Mark |
| Dean | | | | |
| \$13,000 | Ohio Space Grant Consortium | NASA/OSGC Scholarships for Engineering Students (2008-2009) | Charity | Pam |
| \$4,000 | Ohio Space Grant Consortium | NASA/OSGC Scholarships for Engineering Students (2008-2009) | Charity | Pam |
| Electrical & Computer | | | | |
| \$82,000 | American Diabetes Association | Stabilization of Immobilized Enzymes for Implantable Glucose Monitoring Devices | Yau | Siu-Tung |

| Amount | Sponsor | Title | Principal Investigator | |
|---|--|---|-------------------------------|--------------------------------------|
| \$20,000 | Nat'l Superconducting Cyclotron Lab of Michigan State Univ | Development of Active Disturbance Rejection Based RF Control For Superconducting | Gao | Zhiqiang |
| \$16,000 | National Science Foundation | Towards Verifiable Programs for Reactive Systems (Request for REU Supplement) | Sridhar | Nigamanth |
| \$16,000 | National Science Foundation | Towards a Lightweight Highly Dependable Storage System for Home Networks (REU Supplement) | Zhao, Sridhar, Yu, Fu | Wenbing, Nigamanth, Chansu, Yongjian |
| \$15,000 | National Science Foundation | Travel Support for Students Attending the 2009 ACM Symposium on Embedded Networked Sensor Systems | Sridhar | Nigamanth |
| \$12,000 | National Science Foundation | REU Supplement for CMMI Grant 0826124 | Simon | Daniel |
| \$987 | Oviation Polymers Inc. | System Response Characteristics of Carbon Nanotube Compounds | Simon | Daniel |
| Mechanical | | | | |
| \$530,000 | US Army Power Division via General Technical Svces LLC | Production of High Conductivity Steel and Copper Nanocomposites | Nayfeh | Taysir |
| \$87,612 | NASA Headquarters | Smart Structural Health Monitoring of Rotating Components Using Active Magnetic Force Actuators | Sawicki | Jerzy |
| \$50,000 | State of Ohio through Global Cooling Manufacturing, Inc. | Advanced Commercial Stirling Cooler Development for Integration into Diverse Market Applications | Ibrahim | Mounir |
| \$47,500 | NASA Glenn Research Center | Non-Destructive Evaluation and Structural Health Monitoring of Advanced Composit Materials and Propulsion Systems | Sawicki | Jerzy |
| \$29,204 | NASA Headquarters | Smart Structural Health Monitoring of Rotating Components Using Active Magnetic Force Actuators | Sawicki | Jerzy |
| LIBERAL ARTS & SOCIAL SCIENCES | | | | |
| Art Gallery | | | | |
| \$3,463 | Ohio Arts Council | Sustainability 2010 | Thurmer | Robert |
| Music | | | | |
| \$20,000 | Cleveland Foundation | Cleveland Arts Education Consortium Manager | Shames | Kay |
| \$10,000 | Cleveland Foundation | Cleveland Arts Education Consortium | Shames & Ryder | Kay & Judith |
| \$3,225 | CSU String Project | CSU String Project | Liva | Victor |
| \$3,225 | CSU String Project | CSU String Project | Liva | Victor |

| Amount | Sponsor | Title | Principal Investigator | |
|--------------------------|--|--|-------------------------------|---------------------------------|
| \$2,000 | Cyrus Eaton Foundation | Cleveland Arts Education Consortium - General Operating | Shames | Kay |
| Social Work | | | | |
| \$246,500 | US Department of Health through Ohio Department of Job and Family Services | Child Welfare Workforce Professional Education Program (CWWPEP) | Jackson | Maggie |
| Sociology | | | | |
| \$60,511 | Cuyahoga County Prosecutor's Office | Examining the Application of Discretion in Police Decision Making in Cuyahoga County | Regoeczi, Kent, Dunn & Bowen | Wendy, Stephanie, Ronnie & Bill |
| SCIENCE | | | | |
| Bio, Geo, Environ | | | | |
| \$368,363 | National Science Foundation | U12-dependent Spliceosomal snRNAs | Shukla | Girish |
| \$273,742 | National Institute of Allergy and Infectious Diseases | Characterization of Trypanosome Telomere Complex | Li | Bibo |
| \$272,075 | National Science Foundation | Urban Parks and Vacant Lands as Mechanisms of Ecological and Social Stability in the Cleveland Urban Ecosystem | Walton | B. Michael |
| \$253,231 | National Science Foundation | Late Holocene Climate Variability From Eolian Lake Sediments in Relict San Luis Lakes | Yuan | Fasong |
| \$219,520 | U.S. Department of Education | Cleveland State University McNair Scholars Program | Sarveswaran | Vallipuram |
| \$213,000 | National Institutes of Health | Molecular Regulation of Skeletal Myoblast Apoptosis (ARRA Competitive Revision) | Weyman | Crystal |
| \$77,000 | American Heart Association | Pharmacological Modulation of Cardiovascular Circadian Clock | Kondratov | Roman |
| \$67,938 | National Institutes of Health | Functional Analysis of the Synaptoenmal Complet-Administrative Supplement BOERN08 | Boerner | Valentin |
| \$65,000 | American Heart Association (AHA) | Novel Approach to Create Chimeric Proteins for Therapeutic Applications | Komar | Anton |
| \$60,500 | American Heart Association | Resolution of Cellular Inflammation: Role of Translational Silencing | Mazumder | Barsanjit |
| \$58,220 | National Institutes of Health | Circadian Control of ROS Homeostatis | Kondratov | Roman |
| \$21,000 | American Heart Association | Extra-ribosomal Function of Ribosomal Protein L13a in Translational Silencing and Monocyte Mediated Oxidation of LDL | Mazumder & Das | Barsanjit & Priyanka |
| \$14,707 | Ohio Lake Erie Commission | Protecting Mussel Habitat on Lake Erie's Coast | Krebs | Robert |
| \$3,500 | Research Challenge Funds | Faculty Release Time | Li | Bibo |

| Amount | Sponsor | Title | Principal Investigator | |
|------------------------|--|---|-------------------------------|--------------------|
| Chemistry | | | | |
| \$514,962 | National Science Foundation | MRI: Acquisition of an LC-MS/MS System by Cleveland State University | Xu & Anderson | Yan & David |
| \$500,805 | National Institutes of Health through Cleveland Clinic Foundation | Biophysical and Computational Chemistry Core | Gogonea | Valentin |
| \$306,900 | National Institute of Health | Recombinant and Chemo-/Bio-Orthogonal Synthesis of Liposomal Thrombomodulin | Sun | Xue-Long |
| \$255,000 | National Science Foundation | Mechanistic Insights into Nitric Oxide Synthase Catalytic Function | Bayachou | Mekki |
| \$130,656 | US Department of Education | GAANN Chemistry Scholars | Xu & Anderson & Ng | Yan & David & Lily |
| \$80,000 | Research Challenge Funds | Efficacy of Kinase | Kalafatis | Michael |
| \$10,000 | National Science Foundation through Ohio State University Research Foundation | Ohio Consortium for Undergraduate Research: Research Experiences to Enhance Learning (REEL) | Wei | Robert |
| \$204 | National Institutes of Health/Predocorial Minority Fellowship Program (T31) | Factor Va Regulation of Prothrombinase Activity | Kalafatis | Michael |
| Dean | | | | |
| \$27,312 | Ohio Board of Regents | Choose Ohio First Engaged Scholarship Programs in Bioscience and Healthcare | Bonder | Bette |
| \$27,312 | Ohio Board of Regents | Choose Ohio First Engaged Scholarship Programs in Bioscience and Healthcare | Bonder | Bette |
| \$5,000 | Research Challenge Funds | Professional Services | Anderson | David |
| Health Sciences | | | | |
| \$53,965 | US Department of Health and Human Services through Case Western Reserve University | Geriatric Education Centers | Bonder | Bette |
| Math | | | | |
| \$14,984 | National Security Agency | Sparse Polynomial Systems: Residues and Duality, Toric Codes, and Lattice Points in Polytopes | Sopruncov | Ivan |
| Physics | | | | |
| \$720 | General Electric | Experimental Coatings Deposition | Fodor | Petru S |

| Amount | Sponsor | Title | Principal Investigator | |
|-------------------------------------|--|---|------------------------|---------|
| UNDERGRADUATE STUDIES | | | | |
| Honors Program | | | | |
| \$75,488 | Ohio Board of Regents | Student Success in Mathematics | Margolius | Barbara |
| URBAN | | | | |
| Dean | | | | |
| \$9,301 | Cleveland Clinic | Cleveland Clinic Internship - External Affairs | Singer | Rachel |
| \$7,500 | The Cleveland Foundation | Beyond Foreclosure: A Series of Public Policy Forums | Hexter | Kathryn |
| Health Equity | | | | |
| \$7,571 | The Center for Community Solutions | Treuhaft Chair in Health Planning Initiative | Whitt | Peter |
| NODIS | | | | |
| \$16,341 | Chicago Metropolitan Agency for Planning | Indicators of Civic Engagement and Health | Salling | Mark |
| \$15,002 | TeamNEO | Quarterly Northeast Ohio ZIP Code Occupation Matrix | Salling | Mark |
| Research & Public Policy | | | | |
| \$245,911 | U.S. EPA | Great Lakes Environmental Finance Center 2009 - 2010 | O'Brien | Kevin |
| \$159,200 | Ohio Board of Regents | Advancement of Women in Public Service | Drake | Grace |
| \$150,319 | Economic Development Administration | FY 2009 University Center Economic Development Program | Austrian | Ziona |
| \$139,615 | U.S. Department of Commerce via Upjohn Institute | EDD and CEDS Evaluation Research Project | O'Brien | Kevin |
| \$100,200 | Fund for Our Economic Future | Dashboard Update 2010 & 2011 | Austrian | Ziona |
| \$85,194 | Northeast Ohio Regional Sewer District | Economic Impact of the Capital Improvement Program | Austrian | Ziona |
| \$63,000 | Berea Community Development thru Cleveland Aerotropolis Exploratory Team | Exploring the Feasibility of an Aerotropolis at Cleveland Hopkins International Airport | O'Brien | Kevin |
| \$53,733 | National Science Foundation through University of North Carolina | State Science Policies: Modeling Their Origins, Nature, Fit and Effects on Local Universities | Lendel | Iryna |

| Amount | Sponsor | Title | Principal Investigator | |
|----------------------|--|--|-------------------------------|---------|
| \$53,127 | Economic Development Administration thru University of Michigan | CEAP Program | Austrian | Ziona |
| \$35,251 | Community Partnership for Arts and Culture | AHWRO Research Project | Salling | Mark |
| \$31,900 | NorTech | The High Tech Sector in Northeast Ohio: 2009 Update | Austrian | Ziona |
| \$30,427 | The Center for Community solutions | William Family Fellow | Salling | Mark |
| \$30,427 | The Center for Community solutions | William Family Fellow | Salling | Mark |
| \$25,469 | Ohio Secretary of State | Mock Districting Plan, Training, Manual, Consulting, and Plan Evaluation | Salling | Mark |
| \$25,300 | JumpStart | JumpStart Economic Impact | Austrian | Ziona |
| \$23,250 | Cleveland-Cuyahoga Port Authority | Redeveloping the Waterfront: An Economic Impact Analysis | Austrian | Ziona |
| \$15,156 | Cuyahoga County Dept of Development | Evaluation of the Cuyahoga County Foreclosure Initiative, | Hexter | Kathryn |
| \$11,703 | The Ohio Manufactures Association | Data for the 2010 Ohio Election Guide | Salling | Mark |
| \$10,000 | Ohio Attorney General's Office via Empowering and Strengthening Ohio's People - ESOP | Evaluation of Statewide Foreclosure Prevention Counseling Program | Hexter | Kathryn |
| \$5,400 | Ohio Manufacturers' Association | Automotive Industry Data | Austrian | Ziona |
| \$5,000 | Cuyahoga County Treasurer's Office | Cuyahoga County Foreclosure Prevention Evaluation | Hexter | Kathryn |
| Urban Studies | | | | |
| \$275,000 | Ohio Water Resources Council | Statewide Best Local Land Use Practices Ohio Water Resources Council | Date | Kirby |
| \$37,500 | Greater Cincinnati Workforce Network via Christopher Spence and Colleagues | Evaluation of the Greater Cincinnati Workforce Network | Elvery | Joel |
| \$29,763 | Ohio Lake Erie Commission | Statewide Best Local Land Use Practices Program Lake Erie Basin | Date | Kirby |

| Amount | Sponsor | Title | Principal Investigator | |
|---------------|-------------------------------------|---|-------------------------------|---------|
| \$20,000 | The Gund Foundation | The Center for Energy Policy and Urban Change | Bowen | William |
| \$20,000 | The Generation Foundation | The Center for Energy Policy and Urban Change | Bowen | William |
| \$20,000 | The Cleveland Foundation | The Center for Energy Policy and Urban Change | Bowen | William |
| \$15,000 | City of South Euclid | South Euclid Open Space Plan | Date | Kirby |
| \$12,000 | USDA Forest Service | USDA Forest Service Volunteerism Study | Brudney | Jeffrey |
| \$8,190 | Ohio Lake Erie Commission | Statewide Best Local Land Use Practices Program Lake Erie Basin | Date | Kirby |
| \$1,504 | Albert and Audrey Ratner Foundation | Governance and the Economic and Social Development of Contested Space | Rosentraub | Mark |

Note: The Total Dollars of Awards in this report may differ from the totals contained in the Summary Comparison Section. This is due to the effect of cumulative transactions which cross reporting time periods.