

# The University of Toledo

## Office of Research

### Detail of Awards for Fiscal Year 2006 Grouped by College and Department\*

<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
<b>The College of Arts and Sciences</b>										
<b>Administration, College of Arts and Sciences</b>										
PI	Hanson, Bryant	AARS	40.0%	National Science Foundation	Solvent Structure and Function in Macromolecules	1/3/2006 to 2/28/2007	\$218,364	\$66,722	\$87,346	\$26,689
Co1	Viola, Ronald	CHEM	20.0%							
Co2	Mueser, Timothy	CHEM	20.0%							
Co3	Pinkerton, A.	CHEM	20.0%							
Sum of Department/Center Award Credit for Administration, College of Arts and Sciences = 0.4									\$87,346	\$26,689
<b>Department of Art</b>										
PI	Davis, Debra	ART	100.0%	Trust for Mutual Understanding	Cultural Domestication - Instinctual Desire: An Exhibition of Contemporary Czech Art	1/1/2005 to 12/31/2005	\$10,000	\$0	\$10,000	\$0
PI	Davis, Debra	ART	100.0%	Ohio Arts Council	Cultural Domestication - Instinctual Desire An Exhibition of Contemporary Czech Art	7/1/2005 to 12/31/2005	\$5,000	\$0	\$5,000	\$0
Sum of Department/Center Award Credit for Department of Art = 2									\$15,000	\$0

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<b>Department of Biological Sciences</b>										
PI	Komuniecki, Richard	BIOL	100.0%	National Institutes of Health	Regulation of Pharyngeal Pumping in Parasitic Nematodes	2/1/2006 to 1/31/2007	\$281,232	\$85,932	\$281,232	\$85,932
Co1	Komuniecki, Patricia	BIOL	0.0%							
PI	Leaman, Douglas	BIOL	100.0%	American Heart Association	Role of ISG12 in Interferon-Induced Mitochondrial Changes	7/1/2006 to 6/30/2007	\$60,500	\$5,500	\$60,500	\$5,500
PI	Ashburner, Brian	BIOL	100.0%	Ohio Board of Regents	Regulation of NF-kappaB Activity Through Interaction with Transcriptional Coactivator Proteins	12/15/2005 to 12/14/2006	\$4,000	\$0	\$4,000	\$0
PI	Duran, Emilio	BIOL	100.0%	Bowling Green State University, with funding from OBOR	Northwest Ohio Center of Science and Mathematics Education	7/1/2005 to 6/30/2006	\$18,215	\$1,349	\$18,215	\$1,349
Co1	Thomas, William	MATH	0.0%							
PI	Taylor, William	BIOL	100.0%	Concern Foundation	Regulation of the G2/M Transition by Tumor Suppressor p53	7/1/2005 to 6/30/2007	\$50,000	\$0	\$50,000	\$0
PI	Duran, Emilio	BIOL	50.0%	Ohio Board of Regents	IMAGINE	1/20/2006 to 5/31/2007	\$157,058	\$11,625	\$78,529	\$5,813
Co1	Czerniak, Charlene	CURI	50.0%							

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PI	Czerniak, Charlene	CURI	100.0%	U.S. Department of Education	UToledo, UTeach, UTouch the Future (UT3)	10/1/2005 to 9/30/2006	\$1,282,713	\$70,726	\$0	\$0
Co1	Weber, William	CURI	0.0%							
Co2	Schneider, Rebecca	CURI	0.0%							
Co3	Templin, Mark	CURI	0.0%							
Co4	Thomas, William	MATH	0.0%							
Co5	Dubrul, Ernest	BIOL	0.0%							
Co6	Nadarajah, Arunan	CHME	0.0%							
Co7	Cooks, Helen	AEPS	0.0%							
Co8	Bopp, Bernard	PHYS	0.0%							
Co9	McGuire, Patrick	URB	0.0%							
C10	Teclehaimanot, Berhan	CURI	0.0%							
C11	Duran, Emilio	BIOL	0.0%							
PI	Duran, Emilio	BIOL	100.0%	Academy of Applied Science	2006 Ohio Junior Sciences and Humanities Symposium	10/1/2005 to 8/30/2006	\$10,000	\$0	\$10,000	\$0
Co1	Komuniecki, Patricia	BIOL	0.0%							
PI	Duran, Emilio	BIOL	100.0%	Ohio Department of Education	NWO TEAMS	3/1/2006 to 6/30/2006	\$82,160	\$6,086	\$82,160	\$6,086
Co1	Johnson, Carla	CURI	0.0%							

Sum of Department/Center Award Credit for Department of Biological Sciences = 7.5

\$584,636	\$104,680
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### Department of Chemistry

PI	Kim, Dong	CHME	100.0%	National Science Foundation	A Novel Approach to Antibiotic and Anti-biofouling Activities of Natural Phenols	9/1/2006 to 8/31/2009	\$185,470	\$56,671	\$0	\$0
Co1	Huang, Xuefei	CHEM	0.0%							

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PI	Hanson, Bryant	AARS	40.0%	National Science Foundation	Solvent Structure and Function in Macromolecules	1/3/2006 to 2/28/2007	\$218,364	\$66,722	\$131,018	\$40,033
Co1	Viola, Ronald	CHEM	20.0%							
Co2	Mueser, Timothy	CHEM	20.0%							
Co3	Pinkerton, A.	CHEM	20.0%							
PI	Jorgensen, Andrew	CHEM	100.0%	American Chemical Society	Project Seed at The University of Toledo	6/1/2006 to 8/25/2006	\$8,325	\$0	\$8,325	\$0
PI	Schmidt, Joseph	CHEM	100.0%	Ohio Board of Regents	New Catalytic Systems Based on 3-Iminophosphine Palladium Complexes	to	\$12,000	\$0	\$12,000	\$0
PI	Anderson, Jared	CHEM	100.0%	Ohio Board of Regents	Evaluating Solvation Properties of Functionalized Ionic Liquids in Biphasic Systems	5/15/2006 to 12/31/2006	\$12,000	\$0	\$12,000	\$0
PI	Compaan, Alvin	PHYS	100.0%	National Renewable Energy Laboratory	Sputtered II-VI Alloys and Structures for Tandem PV	12/9/2003 to 7/31/2006	\$216,667	\$95,333	\$0	\$0
Co1	Giolando, Dean	CHEM	0.0%							
Co2	Karpov, Victor	PHYS	0.0%							
Co3	Collins, Robert	PHYS	0.0%							
PI	Viola, Ronald	CHEM	100.0%	National Institutes of Health	Probing the Enzymatic Basis of Canavan Disease	2/1/2006 to 1/31/2007	\$227,622	\$69,551	\$227,622	\$69,551
PI	Mueser, Timothy	CHEM	100.0%	National Science Foundation	CAREER: Structural Analysis of Branched DNA Recognition	3/1/2006 to 2/28/2007	\$130,000	\$39,722	\$130,000	\$39,722
PI	Averill, Bruce	CHEM	100.0%	U.S. Department of State	Critical Infrastructure Protection	2/20/2006 to 2/19/2007	\$192,996	\$0	\$192,996	\$0
PI	Compaan, Alvin	PHYS	27.0%	National Renewable Energy Laboratory	Fabrication and Physics of CdTe Devices by Sputtering	4/1/2006 to 3/31/2007	\$197,000	\$60,194	\$39,400	\$12,039
Co1	Karpov, Victor	PHYS	26.5%							
Co2	Collins, Robert	PHYS	26.5%							
Co3	Giolando, Dean	CHEM	20.0%							
PI	Huang, Xuefei	CHEM	100.0%	Ohio State University, with funding from NSF	Ohio Consortium for Undergraduate Research	9/1/2005 to 8/31/2007	\$10,000	\$3,055	\$10,000	\$3,055

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Huang, Xuefei	CHEM	100.0%	National Institutes of Health	Development of New Carbohydrate Synthesis Methodologies	3/1/2006 to 2/28/2007	\$264,384	\$73,698	\$264,384	\$73,698
PI	Compaan, Alvin	PHYS	27.0%	National Renewable Energy Laboratory	Fabrication and Physics of CdTe Devices by Sputtering	3/1/2005 to 3/31/2006	\$106,193	\$31,047	\$21,239	\$6,209
Co1	Karpov, Victor	PHYS	26.5%							
Co2	Collins, Robert	PHYS	26.5%							
Co3	Giolando, Dean	CHEM	20.0%							
PI	Mueser, Timothy	CHEM	100.0%	National Science Foundation	CAREER: Structural Analysis of Branched DNA Recognition	3/1/2005 to 2/28/2006	\$6,015	\$1,838	\$6,015	\$1,838
PI	Lind, Cora	CHEM	100.0%	National Science Foundation	CAREER: Exploration of Negative Thermal Expansion Materials: From Basis Properties to Formation of Composites	6/1/2006 to 5/31/2007	\$143,000	\$30,556	\$143,000	\$30,556
PI	Huang, Xuefei	CHEM	100.0%	National Science Foundation	CAREER: Syntheses of Hyaluronan Oligosaccharides as Biological Probes	6/1/2006 to 5/31/2011	\$298,000	\$91,055	\$298,000	\$91,055
PI	Viola, Ronald	CHEM	100.0%	National Institutes of Health	Probing the Enzymatic Basis of Canavan Disease	2/15/2005 to 1/31/2006	\$18,000	\$0	\$18,000	\$0
PI	Akkus, Ozan	BIOE	95.0%	National Institutes of Health	Diagnosis of Crystalopathies via Raman Spectroscopy	8/25/2005 to 7/31/2006	\$97,000	\$22,000	\$4,850	\$1,100
Co1	Lind, Cora	CHEM	5.0%							
PI	Huang, Xuefei	CHEM	100.0%	National Institutes of Health	Development of New Carbohydrate Synthesis Methodologies	1/1/2006 to 2/28/2007	\$48,732	\$14,890	\$48,732	\$14,890
PI	Compaan, Alvin	PHYS	100.0%	National Renewable Energy Laboratory	Sputtered II-VI Alloys and Structures for Tandem PV	12/9/2003 to 9/30/2005	\$35,667	\$14,981	\$0	\$0
Co1	Collins, Robert	PHYS	0.0%							
Co2	Karpov, Victor	PHYS	0.0%							
Co3	Giolando, Dean	CHEM	0.0%							

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PI	Compaan, Alvin	PHYS	25.0%	Air Force Research Lab-Kirtland	Flexible and Lightweight Thin-Film Solar Cells Based on a Si and CdTe	10/1/2005 to 12/31/2006	\$400,000	\$119,931	\$40,000	\$11,993
Co1	Deng, Xunming	PHYS	25.0%							
Co2	Collins, Robert	PHYS	15.0%							
Co3	Marsillac, Sylvain	PHYS	15.0%							
Co4	Giolando, Dean	CHEM	10.0%							
Co5	Karpov, Victor	PHYS	10.0%							

Sum of Department/Center Award Credit for Department of Chemistry = 14.2

\$1,607,581	\$395,740
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### Department of Earth, Ecological and Environmental Sciences

PI	Sigler, William	EEES	100.0%	Van Wert Soil & Water Conservation District	Community Molecular Fingerprinting to Identify the Spatial Origins of Microbial Contamination in Van Wert County, Ohio	6/1/2006 to 7/31/2006	\$4,000	\$522	\$4,000	\$522
PI	Chen, Jiquan	EEES	100.0%	U.S. National Park Services	Research Expertise Catalog of Biological Sciences	6/15/2005 to 9/30/2009	\$9,999	\$1,489	\$9,999	\$1,489
PI	Spongberg, Alison	EEES	100.0%	U.S. Department of Agriculture	Fate of Agrochemicals in the Greenhouse	9/1/2005 to 6/30/2010	\$10,610	\$965	\$10,610	\$965
PI	Czajkowski, Kevin	GEOG	34.0%	U.S. Department of Agriculture	Monitoring Agricultural Sewage Sludge	7/1/2006 to 6/30/2007	\$1,192,586	\$206,184	\$393,553	\$68,041
Co1	Spongberg, Alison	EEES	33.0%							
Co2	Dwyer, Daryl	LERC	33.0%							
Co3	Sigler, William	EEES	0.0%							
PI	Fisher, Timothy	EEES	100.0%	Ohio Board of Regents	Deglacial Chronology of the Des Moines Lobe-Implications for Ice Sheet Dynamics and Climate Change	5/15/2006 to 8/31/2006	\$4,000	\$0	\$4,000	\$0

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PI	Bossenbroek, Jonathan	EEES	100.0%	Ohio Board of Regents	Determining the Effects of Wetlands on the Dispersal of Zebra Mussels in Coupled Lake Stream Systems	to	\$12,000	\$0	\$12,000	\$0
PI	Gottgens, Johan	EEES	100.0%	Ohio Lake Erie Commission	Restoring Fish Diversity in Farm Ditches: Testing the Impact of Vegetative Encroachment	4/4/2006 to 6/30/2007	\$9,576	\$871	\$9,576	\$871
PI	Fisher, Timothy	EEES	100.0%	Illinois-Indiana Sea Grant, with funding from USDC	Reconstructing Low Lake Levels of Lake Michigan	3/1/2004 to 2/28/2006	\$55,021	\$16,274	\$55,021	\$16,274
PI	Bossenbroek, Jonathan	EEES	100.0%	U.S. Department of Agriculture	Using Gravity Models to Predict the Long-Distance Dispersal Potential of the Emerald Ash Borer in the Upper Great Lakes Region	7/15/2006 to 12/30/2007	\$8,000	\$2,445	\$8,000	\$2,445
PI	Sigler, William	EEES	100.0%	Cuyahoga County Board of Health	Community Molecular Fingerprinting to Identify the Spatial Origins of Microbial Contamination in Cuyahoga County within the Rocky River Watershed	12/15/2005 to 2/28/2006	\$4,000	\$522	\$4,000	\$522
PI	Moorhead, Daryl	EEES	100.0%	University of New Mexico, with funding from DOE	Mechanisms Controlling Soil Carbon Sequestration Under Atmospheric N Deposition	8/1/2005 to 7/31/2006	\$17,990	\$5,321	\$17,990	\$5,321
PI	Spongberg, Alison	EEES	50.0%	National Science Foundation	Integrated Assessment of Physical, Ecological and Socio-Economic Aspects of a Watershed System	5/15/2006 to 5/31/2008	\$171,097	\$20,000	\$114,635	\$13,400
Co1	Stepien, Carol	LERC	33.0%							
Co2	Mayer, Christine	EEES	17.0%							
PI	Bossenbroek, Jonathan	EEES	100.0%	U.S. Department of Agriculture	Using Gravity Models to Predict the Long-Distance Potential of the Emerald Ash Borer in the Upper Great Lakes Region	7/15/2005 to 9/30/2006	\$8,000	\$2,444	\$8,000	\$2,444

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PI	Moorhead, Daryl	EEES	100.0%	U.S. Department of Agriculture	Interacting Microbial x Chemical x Nitrogen Controls on Litter-to-Human Transformation	9/1/2005 to 8/31/2007	\$89,599	\$17,920	\$89,599	\$17,920
PI	Chen, Jiquan	EEES	100.0%	NASA Headquarters	Effects of Land Use Change on the Energy and Water Balance of the Semi-Arid Region of Inner Mongolia	11/1/2005 to 10/31/2008	\$164,528	\$40,314	\$164,528	\$40,314
Co1	Noormets, Asko	EEES	0.0%							
PI	Chen, Jiquan	EEES	100.0%	Missouri Department of Conservation	Carbon Flux and Storage in Mixed Oak Forests of the Ozark Landscape	7/1/2005 to 6/30/2006	\$41,565	\$0	\$41,565	\$0
Co1	Moorhead, Daryl	EEES	0.0%							
PI	Rop, Charles	CURI	80.0%	Ohio Board of Regents	A River Runs Through It: Exploring Science Integration Through Discovery	1/20/2006 to 5/31/2006	\$77,808	\$5,764	\$7,781	\$576
Co1	Wolodko, Brenda	ECPS	10.0%							
Co2	Camp, Mark	EEES	10.0%							

Sum of Department/Center Award Credit for Department of Earth, Ecological and Environmental Sciences

\$954,857	\$171,104
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### Department of Foreign Languages

PI	Hara, Joseph	FORL	100.0%	Japanese School of Toledo	Japanese Language School of Toledo	4/1/2006 to 3/31/2007	\$15,485	\$1,408	\$15,485	\$1,408
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Sum of Department/Center Award Credit for Department of Foreign Languages = 1

\$15,485	\$1,408
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### Department of Geography and Planning

PI	Czajkowski, Kevin	GEOG	50.0%	Ohio Board of Regents	SATELLITES: Using Geospatial Technology to Teach Science in Cleveland Municipal Schools	1/20/2006 to 5/31/2007	\$57,821	\$3,857	\$28,911	\$1,929
Co1	Lambert, Judy	CURI	50.0%							
PI	Lindquist, Peter	GEOG	50.0%	Midwest Regional University Transportation Center	Upper Midwest States Freight Corridor Study	9/1/2005 to 8/31/2006	\$32,496	\$8,295	\$16,248	\$4,148
Co1	Vonderembse, Mark	IOTM	50.0%							

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PI	Czajkowski, Kevin	GEOG	100.0%	Ohio Space Grant Consortium	SATELLITES: Using Geospatial Technology to Teach Science in Cleveland Municipal Schools	6/1/2006 to 5/31/2007	\$10,000	\$0	\$10,000	\$0
PI	Lindquist, Peter	GEOG	50.0%	University of Wisconsin, with funding from US DOT	Expanding Regional Freight Information Resources For The Upper Midwest: The Great Lakes Maritime Information Delivery System	2/1/2006 to 8/31/2006	\$49,614	\$10,595	\$24,807	\$5,298
Co1	Vonderembse, Mark	INTI	50.0%							
PI	Reid, Neil	GEOG	50.0%	Ohio State University, with funding from USDA	Enhancing the Economic Competitiveness of Ohio's Greenhouse Industry	9/5/2005 to 9/14/2006	\$375,543	\$114,750	\$375,543	\$114,750
Co1	Lindquist, Peter	GEOG	50.0%							
PI	Reid, Neil	GEOG	100.0%	Ohio State University Research Foundation, with funding from USDA	Greenhouse Nurseries, Ohio Research Grant	10/1/2004 to 9/30/2006	\$14,088	\$5,917	\$14,088	\$5,917
Co1	Lindquist, Peter	GEOG	0.0%							
PI	Lindquist, Peter	GEOG	100.0%	Port Authority	Toledo Air View	5/23/2005 to 9/2/2005	\$8,317	\$756	\$8,317	\$756
PI	Czajkowski, Kevin	GEOG	100.0%	U.S. Department of Agriculture	Maumee River Watershed GIS and Remote Sensing	10/1/2005 to 9/30/2010	\$350,000	\$106,944	\$350,000	\$106,944
Co1	Lawrence, Patrick	GEOG	0.0%							
PI	Czajkowski, Kevin	GEOG	34.0%	U.S. Department of Agriculture	Monitoring Agricultural Sewage Sludge	7/1/2006 to 6/30/2007	\$1,192,586	\$206,184	\$405,479	\$70,103
Co1	Spongberg, Alison	EEES	33.0%							
Co2	Dwyer, Daryl	LERC	33.0%							
Co3	Sigler, William	EEES	0.0%							

Sum of Department/Center Award Credit for Department of Geography and Planning = 6.8

\$1,233,393	\$309,843
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## Department of Mathematics

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PI	Czerniak, Charlene	CURI	100.0%	U.S. Department of Education	UToledo, UTeach, UTouch the Future (UT3)	10/1/2005 to 9/30/2006	\$1,282,713	\$70,726	\$0	\$0
Co1	Weber, William	CURI	0.0%							
Co2	Schneider, Rebecca	CURI	0.0%							
Co3	Templin, Mark	CURI	0.0%							
Co4	Thomas, William	MATH	0.0%							
Co5	Dubrul, Ernest	BIOL	0.0%							
Co6	Nadarajah, Arunan	CHME	0.0%							
Co7	Cooks, Helen	AEPS	0.0%							
Co8	Bopp, Bernard	PHYS	0.0%							
Co9	McGuire, Patrick	URB	0.0%							
C10	Teclehaimanot, Berhan	CURI	0.0%							
C11	Duran, Emilio	BIOL	0.0%							
PI	Martin, Geoffrey	MATH	100.0%	Lourdes College	Tutor Exchange Program (TEP)	1/17/2006 to 6/5/2006	\$12,800	\$0	\$12,800	\$0
PI	Duran, Emilio	BIOL	100.0%	Bowling Green State University, with funding from OBOR	Northwest Ohio Center of Science and Mathematics Education	7/1/2005 to 6/30/2006	\$18,215	\$1,349	\$0	\$0
Co1	Thomas, William	MATH	0.0%							
PI	Zhang, Biao	MATH	100.0%	National Science Foundation	Semiparametric Statistical Inferences for ROC Curves and Surfaces Under Density Ratio Models	7/1/2006 to 6/30/2009	\$73,241	\$22,379	\$73,241	\$22,379

Sum of Department/Center Award Credit for Department of Mathematics = 2

\$86,041	\$22,379
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### Department of Physics and Astronomy

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Compaan, Alvin	PHYS	25.0%	Air Force Research Lab-Kirtland	Flexible and Lightweight Thin-Film Solar Cells Based on a Si and CdTe	10/1/2005 to 12/31/2006	\$400,000	\$119,931	\$360,000	\$107,938
Co1	Deng, Xunming	PHYS	25.0%							
Co2	Collins, Robert	PHYS	15.0%							
Co3	Marsillac, Sylvain	PHYS	15.0%							
Co4	Giolando, Dean	CHEM	10.0%							
Co5	Karpov, Victor	PHYS	10.0%							
PI	Lukaszew, Rosa	PHYS	100.0%	American Chemical Society	Magnetic Nanostructures	5/1/2006 to 8/31/2007	\$8,000	\$0	\$8,000	\$0
PI	Deng, Xunming	PHYS	50.0%	National Renewable Energy Laboratory	Fabrication and Characterization of Advanced Triple-Junction Amorphous Silicon Based Solar Cells	3/7/2005 to 3/6/2006	\$64,000	\$19,556	\$64,000	\$19,556
Co1	Collins, Robert	PHYS	50.0%							
PI	Federman, Steven	PHYS	100.0%	NASA Goddard Space Flight Center	Molecular Hydrogen in the Interstellar Medium	2/1/2006 to 1/31/2007	\$50,636	\$14,977	\$50,636	\$14,977
PI	Compaan, Alvin	PHYS	27.0%	National Renewable Energy Laboratory	Fabrication and Physics of CdTe Devices by Sputtering	4/1/2006 to 3/31/2007	\$197,000	\$60,194	\$157,600	\$48,155
Co1	Karpov, Victor	PHYS	26.5%							
Co2	Collins, Robert	PHYS	26.5%							
Co3	Giolando, Dean	CHEM	20.0%							
PI	Compaan, Alvin	PHYS	100.0%	Dow Corning Corporation	Evaluation of New Substrate Materials for PV	10/1/2005 to 4/30/2006	\$10,302	\$3,148	\$10,302	\$3,148
PI	Kvale, Thomas	PHYS	100.0%	National Science Foundation	Research Experiences for Undergraduates in Physics and Astronomy	4/1/2005 to 3/31/2007	\$70,000	\$7,000	\$70,000	\$7,000
Co1	Lukaszew, Rosa	PHYS	0.0%							
PI	Compaan, Alvin	PHYS	27.0%	National Renewable Energy Laboratory	Fabrication and Physics of CdTe Devices by Sputtering	3/1/2005 to 3/31/2006	\$106,193	\$31,047	\$84,954	\$24,838
Co1	Karpov, Victor	PHYS	26.5%							
Co2	Collins, Robert	PHYS	26.5%							
Co3	Giolando, Dean	CHEM	20.0%							

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Compaan, Alvin	PHYS	100.0%	Calyxo	Evaluation of Materials	12/1/2005 to 11/30/2006	\$2,446	\$747	\$2,446	\$747
PI	Megeath, Thomas	PHYS	100.0%	Jet Propulsion Laboratory	Mapping the Structure of Dark Filaments in OMC3 with the IRS	2/6/2006 to 5/31/2008	\$30,137	\$9,208	\$30,137	\$9,208
PI	Megeath, Thomas	PHYS	100.0%	Jet Propulsion Laboratory	A Fresh Look at Distributed vs. Clustered Star Formation: IRAC and MIPS Imaging of the Cep OB3 and Mon R2 Molecular Clouds	2/6/2006 to 6/30/2008	\$86,744	\$26,505	\$86,744	\$26,505
PI	Theodosiou, Constantin ^	PHYS	100.0%	Ohio State University Research Foundation, with funding from NSF	The Ohio Science and Engineering Alliance	11/1/2003 to 10/31/2006	\$22,198	\$0	\$22,198	\$0
PI	Compaan, Alvin	PHYS	100.0%	National Renewable Energy Laboratory	Sputtered II-VI Alloys and Structures for Tandem PV	12/9/2003 to 7/31/2006	\$216,667	\$95,333	\$216,667	\$95,333
Co1	Giolando, Dean	CHEM	0.0%							
Co2	Karpov, Victor	PHYS	0.0%							
Co3	Collins, Robert	PHYS	0.0%							
PI	Marsillac, Sylvain	PHYS	100.0%	Ohio Board of Regents	Improved Materials and Processing for High Efficiency Thin-Film Tandem Cells Based on Cu(In,Al,Ga)Se2	to	\$12,000	\$0	\$12,000	\$0
PI	Theodosiou, Constantin ^	PHYS	100.0%	Ohio State University Research Foundation, with funding from NSF	The Ohio Science and Engineering Alliance	11/1/2003 to 10/31/2007	\$12,000	\$0	\$12,000	\$0
PI	Deng, Xunming	PHYS	50.0%	National Renewable Energy Laboratory	Fabrication and Characterization of Advanced Triple-Junction Amorphous Silicon Based Solar Cells	3/7/2006 to 9/30/2006	\$268,000	\$81,889	\$268,000	\$81,889
Co1	Collins, Robert	PHYS	50.0%							
PI	Collins, Robert	PHYS	100.0%	NASA Headquarters, with funding from Pennsylvania State U	Integration of Quantum Dots Into Protocrystalline Silicon Solar Cells	1/1/2005 to 12/31/2005	\$25,000	\$7,639	\$25,000	\$7,639
PI	James, Philip	PHYS	100.0%	NASA Goddard Space Flight Center	Mars Water Ice Clouds	11/1/2005 to 10/31/2006	\$26,800	\$7,927	\$26,800	\$7,927

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Compaan, Alvin	PHYS	100.0%	National Renewable Energy Laboratory	Sputtered II-VI Alloys and Structures for Tandem PV	12/9/2003 to 9/30/2005	\$35,667	\$14,981	\$35,667	\$14,981
Co1	Collins, Robert	PHYS	0.0%							
Co2	Karpov, Victor	PHYS	0.0%							
Co3	Giolando, Dean	CHEM	0.0%							
PI	Deng, Xunming	PHYS	50.0%	Midwest Optoelectronics LLC, with funding from Edison Materials Tech. Ctr.	Development of Improved Materials for Integrated Photovoltaic-Electrolysis Hydrogen Generation Systems	3/7/2005 to 3/6/2007	\$49,003	\$14,973	\$49,003	\$14,973
Co1	Compaan, Alvin	PHYS	50.0%							
PI	Bjorkman, Karen	PHYS	100.0%	U.S. Civilian Research and Development Foundation	High Resolution Spectroscopy and Spectropolarimetry: Application to Stars at Critical Evolutionary Stages	1/24/2006 to 1/23/2008	\$8,260	\$0	\$8,260	\$0
PI	Federman, Steven	PHYS	100.0%	NASA Goddard Space Flight Center	Oscillator Strengths for Ultraviolet Atomic and Molecular Transitions	2/1/2006 to 1/31/2007	\$85,000	\$25,972	\$85,000	\$25,972
PI	Witt, Adolf	PHYS	100.0%	National Science Foundation	The Smallest Interstellar Grains: Optical/Near-IR Emission from Nanoparticles	7/1/2005 to 7/30/2007	\$86,244	\$24,710	\$86,244	\$24,710

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Czerniak, Charlene	CURI	100.0%	U.S. Department of Education	UToledo, UTeach, UTouch the Future (UT3)	10/1/2005 to 9/30/2006	\$1,282,713	\$70,726	\$0	\$0
Co1	Weber, William	CURI	0.0%							
Co2	Schneider, Rebecca	CURI	0.0%							
Co3	Templin, Mark	CURI	0.0%							
Co4	Thomas, William	MATH	0.0%							
Co5	Dubrul, Ernest	BIOL	0.0%							
Co6	Nadarajah, Arunan	CHME	0.0%							
Co7	Cooks, Helen	AEPS	0.0%							
Co8	Bopp, Bernard	PHYS	0.0%							
Co9	McGuire, Patrick	URB	0.0%							
C10	Teclehaimanot, Berhan	CURI	0.0%							
C11	Duran, Emilio	BIOL	0.0%							
PI	Collins, Robert	PHYS	100.0%	NASA John H. Glenn Research Center at Lewis Field	Quantum Dot Solar Cells	8/1/2005 to 7/31/2006	\$20,000	\$6,111	\$20,000	\$6,111
PI	Collins, Robert	PHYS	100.0%	National Science Foundation	Real-Time Optics for Thin Film Materials Research	8/16/2005 to 2/28/2006	\$45,594	\$13,931	\$45,594	\$13,931

Sum of Department/Center Award Credit for Department of Physics and Astronomy = 24.5

\$1,837,252	\$555,538
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### Department of Psychology

PI	Bullock, Wesley	PSYC	100.0%	Ohio Department of Mental Health	The Effects of the Illness Management and Recovery Program Compared with Usual Mental Health Services	4/7/2006 to 6/30/2007	\$16,226	\$1,989	\$16,226	\$1,989
PI	Bullock, Wesley	PSYC	100.0%	Harbor Behavioral Health Care	Harbor Behavioral Healthcare Internship	8/21/2006 to 5/4/2007	\$11,769	\$560	\$11,769	\$560

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Bullock, Wesley	PSYC	95.0%	Ohio Department of Mental Health	Clinical Training Grant: Integration of Academic Clinical Training with Public Mental Health Service	8/15/2005 to 8/5/2006	\$23,150	\$1,102	\$23,150	\$1,102
Co1	Funk, Jeanne	PSYC	5.0%							
PI	Heffner, Henry	PSYC	60.0%	National Institutes of Health	Developing Techniques for Studying Tinnitus in Animals	7/1/2005 to 6/30/2006	\$180,000	\$55,000	\$180,000	\$55,000
Co1	Heffner, Rickye	PSYC	40.0%							
PI	Bullock, Wesley	PSYC	100.0%	Unison Behavioral Health	Unison Internship	5/15/2006 to 5/4/2007	\$8,238	\$392	\$8,238	\$392
PI	Funk, Jeanne	PSYC	100.0%	Partners for Success & Innovation	Community Externship Program	5/16/2005 to 5/5/2006	\$27,574	\$672	\$27,574	\$672
PI	Funk, Jeanne	PSYC	100.0%	Harbor Behavioral Health Care	Community Externship	8/22/2005 to 5/5/2006	\$11,489	\$280	\$11,489	\$280
PI	Heffner, Henry	PSYC	100.0%	University of Kansas Medical Center, with funding from Tinnitus Rsrch Consortium	A Neural Correlate of Tinnitus	7/1/2005 to 6/30/2006	\$41,337	\$0	\$41,337	\$0
PI	Funk, Jeanne	PSYC	100.0%	Partners for Success & Innovation	Intern/Externship	8/22/2005 to 5/5/2006	\$5,745	\$140	\$5,745	\$140
PI	Funk, Jeanne	PSYC	100.0%	Medical University of Ohio	Internship Agreement	5/16/2005 to 5/5/2006	\$13,787	\$336	\$13,787	\$336
PI	Funk, Jeanne	PSYC	100.0%	Summit Academy Management	Community Externship	8/22/2005 to 5/31/2006	\$9,400	\$229	\$9,400	\$229
PI	Bullock, Wesley	PSYC	100.0%	Harbor Behavioral Health Care	Harbor Behavioral Healthcare Internship	5/15/2006 to 5/4/2007	\$14,124	\$673	\$14,124	\$673
PI	Geers, Andrew	PSYC	100.0%	National Institutes of Health	Goal Activation, Expectations, and Placebo Analgesia	7/15/2006 to 6/30/2007	\$72,000	\$22,000	\$72,000	\$22,000

Sum of Department/Center Award Credit for Department of Psychology = 13

\$434,839	\$83,373
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### Lake Erie Soil and Water Research and Education Center

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Stepien, Carol	LERC	100.0%	U.S. Environmental Protection Agency	Genetics of Lake Erie Fish Stocks	3/1/2006 to 2/29/2008	\$628,700	\$164,603	\$628,700	\$164,603
PI	Stepien, Carol	LERC	100.0%	Ohio State University Research Foundation, with funding from OH Sea Grant Prog	Walleye and Yellow Perch Stock Structure in the Great Lakes: A High-Resolution DNA Data Base for Fisheries Management	9/1/2005 to 2/28/2006	\$59,997	\$11,738	\$59,997	\$11,738
PI	Spongberg, Alison	EEES	50.0%	National Science Foundation	Integrated Assessment of Physical, Ecological and Socio-Economic Aspects of a Watershed System	5/15/2006 to 5/31/2008	\$171,097	\$20,000	\$56,462	\$6,600
Co1	Stepien, Carol	LERC	33.0%							
Co2	Mayer, Christine	EEES	17.0%							
PI	Stepien, Carol	LERC	100.0%	National Science Foundation	Molecular Systematics, Biogeography and Invasion Identity of Neogobiin Fishes (REU Supplement)	7/1/2006 to 6/30/2007	\$7,000	\$1,250	\$7,000	\$1,250
PI	Stepien, Carol	LERC	100.0%	National Science Foundation	Visiting Scientist Supplement for Molecular Systematics of Neogobiin Fishes	9/1/2006 to 4/30/2007	\$9,885	\$1,977	\$9,885	\$1,977
PI	Czajkowski, Kevin	GEOG	34.0%	U.S. Department of Agriculture	Monitoring Agricultural Sewage Sludge	7/1/2006 to 6/30/2007	\$1,192,586	\$206,184	\$393,553	\$68,041
Co1	Spongberg, Alison	EEES	33.0%							
Co2	Dwyer, Daryl	LERC	33.0%							
Co3	Sigler, William	EEES	0.0%							
PI	Stepien, Carol	LERC	100.0%	Ohio Sea Grant Program	Walleye and Yellow Perch Stock Structure in the Great Lakes: A High-Resolution DNA Data Base for Fisheries Management	9/1/2004 to 12/31/2005	\$59,998	\$12,411	\$59,998	\$12,411

Sum of Department/Center Award Credit for Lake Erie Soil and Water Research and Education Center = 5.

\$1,215,595	\$266,620
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## The Humanities Institute

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Ray, Roger	HUMI	100.0%	Clement O. Miniger Memorial Foundation	Humanities 2000, 2005/2006	1/1/2006 to 12/31/2006	\$15,000	\$1,364	\$15,000	\$1,364
Sum of Department/Center Award Credit for The Humanities Institute = 1									\$15,000	\$1,364
<b>Sum of College Award Credit for The College of Arts and Sciences = 93.2</b>									<b>\$8,087,025</b>	<b>\$1,938,736</b>

## The College of Business Administration

### Department of Marketing

PI	Sharkey, Thomas	MKTG	100.0%	Stranahan Foundation	Family Business Faculty and Student Internship Program	3/1/2006 to 2/28/2007	\$8,000	\$0	\$8,000	\$0
Sum of Department/Center Award Credit for Department of Marketing = 1									\$8,000	\$0

### Finance and Business Economics

PI	Kozlowski, Paul	FIBE	50.0%	City of Toledo	Tax Revenue Projections for the City of Toledo	10/15/2005 to 2/15/2006	\$4,600	\$418	\$2,300	\$209
Co1	Reid, Neil	URB	50.0%							
Sum of Department/Center Award Credit for Finance and Business Economics = 0.5									\$2,300	\$209

### Information Operations and Technology Management

PI	Lindquist, Peter	GEOG	50.0%	Midwest Regional University Transportation Center	Upper Midwest States Freight Corridor Study	9/1/2005 to 8/31/2006	\$32,496	\$8,295	\$16,248	\$4,148
Co1	Vonderembse, Mark	IOTM	50.0%							
Sum of Department/Center Award Credit for Information Operations and Technology Management = 0.5									\$16,248	\$4,148

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
<b>Northwest Ohio Center for Labor-Management Cooperation</b>										
PI	Simon, Sandra	LMC	100.0%	Ohio Department of Development	Center for Advancement of Labor-Management Cooperation	7/1/2006 to 6/30/2007	\$90,000	\$6,667	\$90,000	\$6,667
PI	Simon, Sandra	LMC	100.0%	Ohio Department of Development	Special Project, Labor-Management Initiative	3/1/2006 to 2/28/2007	\$13,163	\$627	\$13,163	\$627
PI	Simon, Sandra	LMC	100.0%	Ohio Department of Development	Northwest Ohio Center for the Advancement of Labor-Management Cooperation	1/1/2006 to 6/30/2006	\$51,000	\$3,778	\$51,000	\$3,778
PI	Fitts, Martin	LMC	100.0%	City of Toledo	Toledo Labor-Management-Citizens Committee	1/1/2005 to 12/31/2005	\$131,804	\$6,533	\$131,804	\$6,533
Sum of Department/Center Award Credit for Northwest Ohio Center for Labor-Management Cooperation =									\$285,967	\$17,605
<b>Sum of College Award Credit for The College of Business Administration = 6</b>									\$312,515	\$21,962

## The College of Education

### Administration, College of Education

PI	Switzer, Thomas	AEDU	100.0%	University of Northern Illinois	Camp Adventure - UT Site	9/1/2005 to 8/31/2006	\$30,000	\$0	\$30,000	\$0
PI	Keil, Virginia	AEDU	100.0%	Ohio Department of Education	Alternative Principal Licensure Planning Grant	5/15/2005 to 8/30/2005	\$31,000	\$0	\$31,000	\$0
PI	Gray, William	AEDU	100.0%	G3, Inc.	Project S.U.C.C.E.S.S.	7/1/2005 to 6/30/2006	\$42,182	\$3,835	\$42,182	\$3,835
PI	Keil, Virginia	AEDU	75.0%	Ohio Department of Education	Teacher Candidate Assessment System	4/15/2005 to 9/30/2005	\$20,000	\$0	\$15,000	\$0
Co1	Haughton, Noela	CURI	25.0%							

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PI	Switzer, Thomas	AEDU	100.0%	Camp Adventure	Camp Adventure - Toledo Site	7/1/2004 to 6/30/2005	\$20,000	\$0	\$20,000	\$0
PI	Haughton, Noela	CURI	100.0%	Ohio Department of Education	Electronic Assessment System for COE	1/1/2006 to 5/30/2006	\$10,000	\$0	\$0	\$0
Co1	Keil, Virginia	AEDU	0.0%							

Sum of Department/Center Award Credit for Administration, College of Education = 4.8

\$138,182	\$3,835
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### Department of Curriculum and Instruction

PI	Czajkowski, Kevin	GEOG	50.0%	Ohio Board of Regents	SATELLITES: Using Geospatial Technology to Teach Science in Cleveland Municipal Schools	1/20/2006 to 5/31/2007	\$57,821	\$3,857	\$28,911	\$1,929
Co1	Lambert, Judy	CURI	50.0%							
PI	Carr, Eileen	CURI	100.0%	John Carroll University, with funding from OH Dept Educ	Literacy Education Partnership Field Faculty Network Structure	7/1/2005 to 6/30/2006	\$89,261	\$6,612	\$89,261	\$6,612
PI	Johnson, Carla	CURI	100.0%	U.S. Department of Education	Utah's Improving Teacher Quality Initiative	6/1/2006 to 5/31/2008	\$588,338	\$155,610	\$588,338	\$155,610
PI	Devlin, Patricia	ECPS	100.0%	Ohio Department of Education	Ohio Integrated Service Model (OISM): A Collaborative Self-Study at The University of Toledo	3/1/2006 to 9/30/2006	\$30,000	\$2,222	\$0	\$0
Co1	Welsch, Richard	ECPS	0.0%							
Co2	Kehus, Marcella	CURI	0.0%							
Co3	Bleyaert, Barbara	EDLE	0.0%							
Co4	Cochrane, Wendy	CMHS	0.0%							
PI	Duran, Emilio	BIOL	100.0%	Ohio Department of Education	NWO TEAMS	3/1/2006 to 6/30/2006	\$82,160	\$6,086	\$0	\$0
Co1	Johnson, Carla	CURI	0.0%							
PI	Haughton, Noela	CURI	100.0%	Ohio Department of Education	Electronic Assessment System for COE	1/1/2006 to 5/30/2006	\$10,000	\$0	\$10,000	\$0
Co1	Keil, Virginia	AEDU	0.0%							
PI	Duran, Emilio	BIOL	50.0%	Ohio Board of Regents	IMAGINE	1/20/2006 to 5/31/2007	\$157,058	\$11,625	\$78,529	\$5,813
Co1	Czerniak, Charlene	CURI	50.0%							

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Lambert, Judy	CURI	100.0%	Ohio Board of Regents	STTR: Educational Ombudsmen Mobile Database Solution	7/1/2006 to 8/31/2006	\$3,500	\$0	\$3,500	\$0
PI	Templin, Mark	CURI	100.0%	University of Michigan	The Influence of 1st- and 2nd-hand Investigations on Learning Opportunities and Outcomes in Inquiry-based Science in the Elementary School	8/1/2003 to 6/30/2006	\$31,565	\$9,336	\$31,565	\$9,336
PI	Johanning, Debra	CURI	100.0%	Martha Holden Jennings Foundation	Toledo-Area Connected Mathematics Project (CMP) Study Group	10/1/2005 to 9/30/2006	\$4,000	\$0	\$4,000	\$0
PI	Hubaker, Paul	CURI	100.0%	Ohio Department of Education	Capacity-Building Faculty Support Grant	7/1/2005 to 6/30/2006	\$85,000	\$6,296	\$85,000	\$6,296
PI	Czerniak, Charlene	CURI	100.0%	U.S. Department of Education	UToledo, UTeach, UTouch the Future (UT3)	10/1/2005 to 9/30/2006	\$1,282,713	\$70,726	\$1,282,713	\$70,726
Co1	Weber, William	CURI	0.0%							
Co2	Schneider, Rebecca	CURI	0.0%							
Co3	Templin, Mark	CURI	0.0%							
Co4	Thomas, William	MATH	0.0%							
Co5	Dubrul, Ernest	BIOL	0.0%							
Co6	Nadarajah, Arunan	CHME	0.0%							
Co7	Cooks, Helen	AEPS	0.0%							
Co8	Bopp, Bernard	PHYS	0.0%							
Co9	McGuire, Patrick	URB	0.0%							
C10	Teclehaimanot, Berhan	CURI	0.0%							
C11	Duran, Emilio	BIOL	0.0%							
PI	Piper, James	CURI	100.0%	Ohio Department of Education	Tech Prep Technical Services	7/1/2005 to 6/30/2006	\$292,500	\$21,667	\$292,500	\$21,667
PI	Piper, James	CURI	100.0%	Ohio Department of Education	Tech Prep Technical Services Perkins Leadership	7/1/2005 to 6/30/2006	\$97,500	\$7,222	\$97,500	\$7,222

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Keil, Virginia	AEDU	75.0%	Ohio Department of Education	Teacher Candidate Assessment System	4/15/2005 to 9/30/2005	\$20,000	\$0	\$5,000	\$0
Co1	Houghton, Noela	CURI	25.0%							
PI	Coleman, Laurence	ECPS	100.0%	U.S. Department of Education	Accelerating Achievement in Math & Science in Urban Schools	7/1/2005 to 6/30/2006	\$462,709	\$67,207	\$0	\$0
Co1	Schultz, Robert	CURI	0.0%							
PI	Rop, Charles	CURI	80.0%	Ohio Board of Regents	A River Runs Through It: Exploring Science Integration Through Discovery	1/20/2006 to 5/31/2006	\$77,808	\$5,764	\$62,246	\$4,611
Co1	Wolodko, Brenda	ECPS	10.0%							
Co2	Camp, Mark	EEES	10.0%							

Sum of Department/Center Award Credit for Department of Curriculum and Instruction = 12.1

\$2,659,063	\$289,821
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#### Department of Educational Leadership

PI	Opp, Ronald	EDLE	100.0%	Northwest State Community College	Northwest State Community College Presidential Fellowship	8/22/2005 to 8/4/2006	\$12,191	\$1,108	\$12,191	\$1,108
PI	Opp, Ronald	EDLE	100.0%	Owens Community College	Owens Community College Presidential Fellowship	8/22/2005 to 8/4/2006	\$12,191	\$1,108	\$12,191	\$1,108
PI	Opp, Ronald	EDLE	100.0%	Wayne County Community College	Wayne County Community College District Presidential Fellowship	8/22/2005 to 8/4/2006	\$23,400	\$2,127	\$23,400	\$2,127
PI	Opp, Ronald	EDLE	100.0%	Lorain County Community College	Lorain County Community College Presidential Fellowship	8/22/2005 to 8/4/2006	\$12,191	\$1,108	\$12,191	\$1,108
PI	Opp, Ronald	EDLE	100.0%	Wayne County Community College	Wayne County Community College District Presidential Fellowship	8/22/2005 to 8/4/2006	\$23,400	\$2,127	\$23,400	\$2,127
PI	Opp, Ronald	EDLE	100.0%	Wayne County Community College	Wayne County Community College District Presidential Fellowship	8/22/2005 to 8/4/2006	\$23,400	\$2,127	\$23,400	\$2,127

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PI	Devlin, Patricia	ECPS	100.0%	Ohio Department of Education	Ohio Integrated Service Model (OISM): A Collaborative Self-Study at The University of Toledo	3/1/2006 to 9/30/2006	\$30,000	\$2,222	\$0	\$0
Co1	Welsch, Richard	ECPS	0.0%							
Co2	Kehus, Marcella	CURI	0.0%							
Co3	Bleyaert, Barbara	EDLE	0.0%							
Co4	Cochrane, Wendy	CMHS	0.0%							
PI	Hornak, Anne	EDLE	100.0%	Association for Institutional Research	Making It (or Not) on a Dime in College	6/1/2006 to 5/31/2007	\$30,000	\$0	\$30,000	\$0

Sum of Department/Center Award Credit for Department of Educational Leadership = 7

\$136,773	\$9,705
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### Department of Special Education Services

PI	Welsch, Richard	SPCE	50.0%	Ohio Department of Education	Intervention Specialist Institute	7/1/2006 to 9/30/2007	\$208,856	\$15,471	\$208,856	\$15,471
Co1	Devlin, Patricia	SPCE	50.0%							

Sum of Department/Center Award Credit for Department of Special Education Services = 1

\$208,856	\$15,471
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### Early Childhood, Physical, and Special Education

PI	Devlin, Patricia	ECPS	100.0%	Lott Industries, Inc.	Career Exploration Program	6/1/2006 to 8/4/2006	\$4,930	\$448	\$4,930	\$448
PI	McInerney, William	ECPS	100.0%	U.S. Department of Education	Improving Preparation of Personnel to Serve Children with Low-Incidence Disabilities	7/15/2006 to 7/14/2007	\$275,000	\$6,842	\$275,000	\$6,842
PI	Gray, William	ECPS	100.0%	FABrehab Services LLC	FABrehab Graduate Assistant	8/22/2005 to 5/5/2006	\$16,501	\$1,500	\$16,501	\$1,500
PI	Welsch, Richard	ECPS	100.0%	Ohio Department of Education	Math Workshop II	3/1/2006 to 9/30/2006	\$10,000	\$741	\$10,000	\$741
PI	Gray, William	ECPS	100.0%	Healththerapy Partners	Healththerapy Partners - Athletic Training	8/1/2005 to 6/30/2006	\$16,501	\$1,500	\$16,501	\$1,500

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PI	Kaderavek, Joan	ECPS	100.0%	University of Virginia, with funding from USDOED	Print Referencing Efficacy	6/1/2006 to 5/31/2007	\$256,672	\$58,926	\$256,672	\$58,926
PI	Devlin, Patricia	ECPS	100.0%	Ohio Department of Education	Ohio Integrated Service Model (OISM): A Collaborative Self-Study at The University of Toledo	3/1/2006 to 9/30/2006	\$30,000	\$2,222	\$30,000	\$2,222
Co1	Welsch, Richard	ECPS	0.0%							
Co2	Kehus, Marcella	CURI	0.0%							
Co3	Bleyaert, Barbara	EDLE	0.0%							
Co4	Cochrane, Wendy	CMHS	0.0%							
PI	Dinnebeil, Laurie	ECPS	50.0%	Ohio Department of Education	Itinerant ECSE Service Delivery in Ohio	7/1/2005 to 6/30/2006	\$88,460	\$6,553	\$88,460	\$6,553
Co1	McInerney, William	ECPS	50.0%							
PI	Welsch, Richard	ECPS	50.0%	Ohio Department of Education	Content Standards Institute	3/1/2006 to 9/30/2006	\$40,000	\$2,963	\$40,000	\$2,963
Co1	Devlin, Patricia	ECPS	50.0%							
PI	Rop, Charles	CURI	80.0%	Ohio Board of Regents	A River Runs Through It: Exploring Science Integration Through Discovery	1/20/2006 to 5/31/2006	\$77,808	\$5,764	\$7,781	\$576
Co1	Wolodko, Brenda	ECPS	10.0%							
Co2	Camp, Mark	EEES	10.0%							
PI	Pindiprolu, Sekhar	ECPS	100.0%	U.S. Department of Education	Affects of Parent Mediated Television Viewing Strategies with Preschool Children with Language Delays	10/1/2005 to 12/31/2007	\$188,851	\$54,497	\$188,851	\$54,497
PI	Pindiprolu, Sekhar	ECPS	100.0%	U.S. Department of Education	Project Need to Read: Evaluation of Computer Based Reading Programs Paired with Home and School Instruction	10/1/2005 to 12/31/2006	\$312,754	\$50,497	\$312,754	\$50,497
PI	Coleman, Laurence	ECPS	100.0%	U.S. Department of Education	Accelerating Achievement in Math & Science in Urban Schools	7/1/2005 to 6/30/2006	\$462,709	\$67,207	\$462,709	\$67,207
Co1	Schultz, Robert	CURI	0.0%							
PI	McInerney, William	ECPS	100.0%	U.S. Department of Education	Improving Preparation of Personnel to Serve Children with Low-Incidence Disabilities	7/15/2005 to 7/14/2006	\$275,000	\$6,712	\$275,000	\$6,712

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PI	Devlin, Patricia	ECPS	100.0%	Ability Center of Greater Toledo	Project SCOUT: Securing Career Opportunities	10/1/2005 to 9/30/2006	\$45,454	\$4,132	\$45,454	\$4,132
PI	Devlin, Patricia	ECPS	100.0%	Central Catholic High School	Project 100	8/22/2005 to 5/5/2006	\$18,778	\$1,707	\$18,778	\$1,707

Sum of Department/Center Award Credit for Early Childhood, Physical, and Special Education = 15.1

\$2,049,391	\$267,023
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### Foundations of Education Department

PI	Snauwaert, Dale	FDED	25.0%	Bowling Green State University, with funding from USDOED	Midwest Educational Research Consortium/East Toledo Gearup Initiative (Gearup)	9/15/2005 to 9/14/2006	\$118,793	\$8,799	\$118,793	\$8,799
Co1	Fox, Christine	FDED	25.0%							
Co2	Hamer, Lynne	FDED	25.0%							
Co3	Beltyukova, Svetlana	FDED	25.0%							
PI	Hawley, Ken	FDED	100.0%	Operation Respect Ohio, Inc.	Operation Respect - Ohio	7/1/2005 to 6/30/2007	\$30,000	\$0	\$30,000	\$0
PI	McGuire, Patrick	URB	100.0%	Bowling Green State University, with funding from USDOED	Midwest Educational Research Consortium: East Toledo Gear-Up Project	9/15/2004 to 9/14/2005	\$139,516	\$10,335	\$0	\$0
Co1	Fox, Christine	FDED	0.0%							
Co2	Hamer, Lynne	FDED	0.0%							
Co3	Beltyukova, Svetlana	FDED	0.0%							
PI	Snauwaert, Dale	FDED	25.0%	Bowling Green State University, with funding from USDOED	Midwest Educational Research Consortium/East Toledo Gearup Initiative (Gearup II)	9/1/2005 to 8/31/2006	\$59,631	\$4,417	\$59,631	\$4,417
Co1	Fox, Christine	FDED	25.0%							
Co2	Hamer, Lynne	FDED	25.0%							
Co3	Beltyukova, Svetlana	FDED	25.0%							
PI	Snauwaert, Dale	FDED	100.0%	Harris Health Trends, Inc.	Graduate Student Internship	6/27/2005 to 4/28/2006	\$13,451	\$1,223	\$13,451	\$1,223

Sum of Department/Center Award Credit for Foundations of Education Department = 4

\$221,875	\$14,439
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<b>Sum of College Award Credit for The College of Education = 43.9</b>								<b>\$5,414,140</b>	<b>\$600,295</b>	

## The College of Engineering

### Department of Bioengineering

PI	Goel, Vijay	BIOE	100.0%	Facet Solutions	FEA of Various Devices	1/1/2006 to	\$1,000	\$130	\$1,000	\$130
PI	Goel, Vijay	BIOE	100.0%	Purdue University	Summer Support	6/1/2006 to 5/31/2007	\$2,100	\$0	\$2,100	\$0
PI	Goel, Vijay	BIOE	100.0%	Facet Solutions	Host the ASME 2006 Summer Bioengineering Conference	6/6/2006 to 6/5/2007	\$2,500	\$0	\$2,500	\$0
PI	Goel, Vijay	BIOE	100.0%	Disc Motion Technologies, Inc.	FEA of Various Devices	6/1/2006 to 5/31/2007	\$25,000	\$0	\$25,000	\$0
PI	Goel, Vijay	BIOE	100.0%	Depuy Spine, Inc.	Host 2006 Summer Bioengineering Conference	5/1/2006 to 4/30/2007	\$2,500	\$0	\$2,500	\$0
PI	Goel, Vijay	BIOE	100.0%	Medicine Lodge, Inc.	FE of Various Devices	5/1/2006 to 4/30/2007	\$13,000	\$1,696	\$13,000	\$1,696
PI	Goel, Vijay	BIOE	100.0%	Facet Solutions	FEA of Various Devices	5/1/2006 to 4/30/2007	\$3,600	\$600	\$3,600	\$600
PI	Cameron, Brent	BIOE	100.0%	K.I.D. PRO, with funding from ODH	Anticipating and Preventing Glucose Excursions in People with Diabetes	3/1/2006 to 2/28/2007	\$4,500	\$0	\$4,500	\$0
PI	Goel, Vijay	BIOE	100.0%	Spineology, Inc.	FEA of Varopis Devices	3/14/2006 to 3/13/2007	\$15,001	\$13,044	\$15,001	\$13,044
PI	Goel, Vijay	BIOE	100.0%	National Science Foundation	2006 Summer Bioengineering Conference	6/1/2006 to 5/31/2007	\$5,000	\$0	\$5,000	\$0
PI	Goel, Vijay	BIOE	100.0%	Benesh Corporation, with funding from National Upper Cervical Chirop	Postural Measurement Capabilities of the Anatometer	9/2/2005 to 8/30/2006	\$7,800	\$0	\$7,800	\$0

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PI	Goel, Vijay	BIOE	100.0%	The Fund for Medical Research and Education	Donation for Spine Research	1/19/2005 to 1/18/2006	\$10,000	\$3,056	\$10,000	\$3,056
PI	Goel, Vijay	BIOE	100.0%	National Institutes of Health	2006 Summer Bioengineering Conference	2/1/2006 to 1/31/2007	\$3,000	\$0	\$3,000	\$0
PI	Cameron, Brent	BIOE	25.0%	CAMP Great Lakes Manufacturing Technology Center, with funding from ODOD	Northern Ohio Center of Excellence in Product Development	4/25/2005 to 4/24/2007	\$140,000	\$42,778	\$140,000	\$42,778
Co1	Goel, Vijay	BIOE	25.0%							
Co2	Molitor, Scott	BIOE	25.0%							
Co3	Relue, Patricia	BIOE	25.0%							
PI	Cameron, Brent	BIOE	100.0%	AO Research Fund	Continued Development of a "Smart" Spinal Disc Implant	1/1/2006 to 12/31/2006	\$48,000	\$0	\$48,000	\$0
PI	Goel, Vijay	BIOE	100.0%	National Institutes of Health	2006 Summer Bioengineering Conference	4/1/2006 to 3/31/2007	\$10,000	\$0	\$10,000	\$0
PI	Goel, Vijay	BIOE	100.0%	Pioneer Laboratories, Inc.	Artificial Disc Design related Research	9/2/2005 to 8/31/2006	\$6,000	\$1,000	\$6,000	\$1,000
PI	Goel, Vijay	BIOE	100.0%	Facet Solutions	Evaluation of Artificial Facets	6/1/2005 to 5/31/2006	\$4,000	\$522	\$4,000	\$522
PI	Goel, Vijay	BIOE	100.0%	Medicine Lodge, Inc.	Spine Research	9/2/2005 to 9/1/2006	\$5,000	\$652	\$5,000	\$652
PI	Goel, Vijay	BIOE	100.0%	DePuy AcroMed, Inc.	DePuy Spine Fellowship	8/1/2005 to 12/31/2005	\$12,000	\$0	\$12,000	\$0
PI	Goel, Vijay	BIOE	100.0%	The Fund for Medical Research and Education	Donation for Spine Research	8/17/2005 to 8/16/2006	\$10,000	\$909	\$10,000	\$909
PI	Cameron, Brent	BIOE	34.0%	Ohio Department of Development	Northern Ohio Center of Excellence in Product Development (Equipment)	4/25/2005 to 4/30/2007	\$231,600	\$2,550	\$231,600	\$2,550
Co1	Molitor, Scott	BIOE	33.0%							
Co2	Relue, Patricia	BIOE	33.0%							
PI	Goel, Vijay	BIOE	100.0%	Facet Solutions	Spine Research	8/22/2005 to 8/21/2006	\$19,300	\$2,517	\$19,300	\$2,517
PI	Akkus, Ozan	BIOE	95.0%	National Institutes of Health	Diagnosis of Crystalopathies via Raman Spectroscopy	8/25/2005 to 7/31/2006	\$97,000	\$22,000	\$92,150	\$20,900
Co1	Lind, Cora	CHEM	5.0%							

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Sum of Department/Center Award Credit for Department of Bioengineering = 24

\$673,051	\$90,354
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**Department of Chemical and Environmental Engineering**

PI	Azad, Abdul-Majeed	CHME	100.0%	JWH Group, Inc.	An Innovative Design of Nano-Structured Thin-Film Ceramics Via Gas-Phase Reconstitution	5/26/2006 to 12/26/2006	\$26,783	\$8,184	\$26,783	\$8,184
PI	DeWitt, Kenneth	CHME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Validation and Enhancement of Comprehensive Combustion Modeling and Simulation	1/5/2004 to 11/17/2005	\$13,246	\$2,252	\$13,246	\$2,252
PI	Afjeh, Abdollah	MIME	25.0%	Army Research Office	Design and Manufacturing Process Technology for High Performance Polymer Nano-Composites	9/1/2005 to 8/31/2006	\$900,626	\$244,636	\$450,313	\$122,318
Co1	Nadarajah, Arunan	CHME	25.0%							
Co2	Coleman, Maria	CHME	25.0%							
Co3	Fatemi, Ali	MIME	25.0%							
PI	Pickett, Mark	CVLE	51.0%	Ohio Board of Regents, with funding from USDOED	Teachers Applying Math and Science Via Distance Learning TAMS-DL	1/20/2006 to 5/31/2007	\$122,373	\$9,065	\$29,370	\$2,176
Co1	Escobar, Isabel	CHME	24.0%							
Co2	Gruden, Cyndee	CVLE	24.0%							
Co3	Cooks, Helen	AEPS	1.0%							
PI	Abraham, Martin	CHME	100.0%	Catacel, Inc.	Spiral Stackable Reactor for Low Cost Hydrogen Production	10/1/2005 to 3/31/2007	\$50,000	\$15,278	\$50,000	\$15,278
PI	Escobar, Isabel	CHME	100.0%	National Science Foundation	Development of Bacterial-Sensing Ultrafiltration Membranes with Improved Permeability, Selectivity and Fouling Control	5/1/2006 to 4/30/2007	\$45,000	\$13,750	\$45,000	\$13,750
Co1	Coleman, Maria	CHME	0.0%							
Co2	Gruden, Cyndee	CVLE	0.0%							
PI	Kim, Dong	CHME	100.0%	National Science Foundation	A Novel Approach to Antibiotic and Anti-biofouling Activities of Natural Phenols	9/1/2006 to 8/31/2009	\$185,470	\$56,671	\$185,470	\$56,671
Co1	Huang, Xuefei	CHEM	0.0%							
PI	Lipscomb, Glenn	CHME	100.0%	Generon IGS, Inc.	Simulations of Gas Dehydration Modules	5/1/2006 to 4/30/2007	\$18,000	\$5,500	\$18,000	\$5,500

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PI	Escobar, Isabel	CHME	50.0%	Ohio Department of Education, with funding from USDOED	Special Funding for Engineering for Migrant Students	1/1/2006 to 8/31/2006	\$55,000	\$2,619	\$27,500	\$1,310
Co1	Pickett, Mark	CVLE	50.0%							
PI	Schall, Constance	CHME	50.0%	Consortium for Plant Biotechnology Research, Inc.	An Efficient Approach for the Saccharification of Cellulose	5/1/2006 to 4/30/2007	\$20,000	\$0	\$20,000	\$0
Co1	Varanasi, Sasidhar	CHME	50.0%							
PI	Nadarajah, Arunan	CHME	100.0%	Ohio State University, with funding from ODOD	Center for Multifunctional Polymer Nanomaterials and Devices	6/6/2005 to 6/5/2008	\$974,492	\$0	\$974,492	\$0
PI	Abraham, Martin	CHME	50.0%	Catacel, Inc., with funding from Edison Materials Tech. Ctr.	Novel Spiral Stackable Reactor (SSR) for Low-Cost Hydrogen Production	12/1/2004 to 12/1/2005	\$28,915	\$8,835	\$28,915	\$8,835
Co1	Azad, Abdul-Majeed	CHME	50.0%							
PI	Lipscomb, Glenn	CHME	100.0%	National Science Foundation	REU Supplement Request for NSF Award 0228913	5/17/2004 to 8/6/2004	\$6,250	\$1,250	\$6,250	\$1,250
PI	Azad, Abdul-Majeed	CHME	100.0%	Edison Materials Technology Center	Fabrication of Metal-Carbon Nanostructure Composite	8/1/2005 to 7/30/2006	\$47,166	\$14,412	\$47,166	\$14,412
PI	Abraham, Martin	CHME	50.0%	Case Western Reserve University, with funding from ODOD	Power Partnership - Operating Funds	6/6/2005 to 6/5/2008	\$404,840	\$36,803	\$404,840	\$36,803
Co1	Azad, Abdul-Majeed	CHME	50.0%							
PI	Lipscomb, Glenn	CHME	100.0%	National Science Foundation	Planning Meeting Proposal: Formation of a New MAST Center Site at The University of Toledo	8/15/2005 to 7/31/2006	\$5,400	\$1,650	\$5,400	\$1,650
PI	DeWitt, Kenneth	CHME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Technology Validation and Risk Reduction Research for Flywheel Technology	11/1/2005 to 10/31/2006	\$182,337	\$30,997	\$182,337	\$30,997
PI	Escobar, Isabel	CHME	100.0%	Department of the Interior	Desalination Pretreatment Using Controlled-Chain PEGMA-Enhanced Cellulose Acetate Ultrafiltration Membranes	10/1/2005 to 10/31/2006	\$92,411	\$28,237	\$92,411	\$28,237

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Czerniak, Charlene	CURI	100.0%	U.S. Department of Education	UToledo, UTeach, UTouch the Future (UT3)	10/1/2005 to 9/30/2006	\$1,282,713	\$70,726	\$0	\$0
Co1	Weber, William	CURI	0.0%							
Co2	Schneider, Rebecca	CURI	0.0%							
Co3	Templin, Mark	CURI	0.0%							
Co4	Thomas, William	MATH	0.0%							
Co5	Dubrul, Ernest	BIOL	0.0%							
Co6	Nadarajah, Arunan	CHME	0.0%							
Co7	Cooks, Helen	AEPS	0.0%							
Co8	Bopp, Bernard	PHYS	0.0%							
Co9	McGuire, Patrick	URB	0.0%							
C10	Teclehaimanot, Berhan	CURI	0.0%							
C11	Duran, Emilio	BIOL	0.0%							

PI	Abraham, Martin	CHME	100.0%	Catacel, Inc., with funding from NSF	Compact, Lightweight Flexible Fuel Reformer for Solid Oxide Fuel Cells	3/1/2006 to 2/28/2008	\$140,138	\$42,820	\$140,138	\$42,820
PI	DeWitt, Kenneth	CHME	100.0%	Ohio Space Grant Consortium	NASA-Ohio Space Grant Consortium (OSGC) Scholarships and Fellowships for 2005-2006 to The University of Toledo	8/22/2005 to 8/21/2006	\$28,500	\$0	\$28,500	\$0

Sum of Department/Center Award Credit for Department of Chemical and Environmental Engineering = 18

\$2,776,131	\$392,442
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### Department of Civil Engineering

PI	Nims, Douglas	CVLE	100.0%	University of Cincinnati, with funding from OH Dept Transportation	Instrumentation of the Maumee River Crossing	12/15/2003 to 8/15/2006	\$85,897	\$19,039	\$85,897	\$19,039
PI	Apul, Defne	CVLE	100.0%	U.S. Environmental Protection Agency	A Multi-Criteria Decision Analysis Tool for Managing Industrial Byproducts	10/1/2005 to 10/1/2006	\$58,356	\$17,831	\$58,356	\$17,831

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Kumar, Ashok	CVLE	100.0%	U.S. Environmental Protection Agency	University of Toledo Pollution Prevention Incentives for States Grant Proposal	10/1/2005 to 9/30/2006	\$85,034	\$16,299	\$85,034	\$16,299
PI	Kumar, Ashok	CVLE	100.0%	Ohio Department of Health	Radon Web Site	10/1/2005 to 9/30/2006	\$27,520	\$0	\$27,520	\$0
PI	Gruden, Cyndee	CVLE	100.0%	Texas A&M, with funding from NSF	Development of an In-situ Flow Cytometer for Enhanced Aquatic Particle Discrimination	9/1/2004 to 8/31/2006	\$3,550	\$1,085	\$3,550	\$1,085
PI	Escobar, Isabel	CHME	50.0%	Ohio Department of Education, with funding from USDOED	Special Funding for Engineering for Migrant Students	1/1/2006 to 8/31/2006	\$55,000	\$2,619	\$27,500	\$1,310
Co1	Pickett, Mark	CVLE	50.0%							
PI	Nims, Douglas	CVLE	100.0%	HNTB Ohio, Inc., with funding from OH Dept Transportation	Grant 530047 University Research Team MRC Phase I Supplement 3 (Repairs)	10/12/2005 to 6/30/2006	\$7,103	\$502	\$7,103	\$502
PI	Chou, Eddie	CVLE	100.0%	Ohio Department of Transportation	Addendum to Pavement Forecasting Models	11/1/2005 to 4/30/2007	\$62,955	\$12,266	\$62,955	\$12,266
PI	Pickett, Mark	CVLE	51.0%	Ohio Board of Regents, with funding from USDOED	Teachers Applying Math and Science Via Distance Learning TAMS-DL	1/20/2006 to 5/31/2007	\$122,373	\$9,065	\$91,780	\$6,799
Co1	Escobar, Isabel	CHME	24.0%							
Co2	Gruden, Cyndee	CVLE	24.0%							
Co3	Cooks, Helen	AEPS	1.0%							
PI	Gupta, Jiwan	CVLE	100.0%	Allen County	Traffic Modeling Study	10/3/2005 to 2/10/2006	\$4,440	\$404	\$4,440	\$404
PI	Escobar, Isabel	CHME	100.0%	National Science Foundation	Development of Bacterial-Sensing Ultrafiltration Membranes with Improved Permeability, Selectivity and Fouling Control	5/1/2006 to 4/30/2007	\$45,000	\$13,750	\$0	\$0
Co1	Coleman, Maria	CHME	0.0%							
Co2	Gruden, Cyndee	CVLE	0.0%							
PI	Gruden, Cyndee	CVLE	100.0%	Ohio State University Water Resource Center	Development of a Novel Hydrogel-Based Sensor for the Detection of Biological Contaminants	3/1/2006 to 2/28/2007	\$20,402	\$0	\$20,402	\$0

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Parvin, Azadeh	CVLE	100.0%	National Science Foundation	Seismic Evaluation of Rehabilitated RC Frame Connections	3/1/2006 to 7/31/2006	\$21,239	\$1,838	\$21,239	\$1,838
PI	Gruden, Cyndee	CVLE	100.0%	Ohio Board of Regents	Aptamer-Based Biosensors for Contaminated Sediment Characterization	5/15/2006 to 8/30/2006	\$3,941	\$0	\$3,941	\$0
PI	Gruden, Cyndee	CVLE	100.0%	University of Michigan, with funding from DOD	Integrating Uncertainty Analysis in the Risk Characterization of In-Place Remedial Strategies for Contaminated Sediments	9/23/2004 to 12/31/2006	\$42,939	\$15,953	\$42,939	\$15,953
PI	Gupta, Jiwan	CVLE	100.0%	University of Wisconsin	Expansion of the Detroit-Windsor Truck Ferry: A Business Case Study	4/1/2006 to 12/30/2006	\$32,000	\$9,778	\$32,000	\$9,778

Sum of Department/Center Award Credit for Department of Civil Engineering = 14.2

\$574,656	\$103,103
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### Department of Electrical Engineering and Computer Science

PI	Jamali, Mohsin	EECS	100.0%	MacAulay-Brown, Inc., with funding from U.S. Air Force Research Lab	Bandwidth Invariant Spatial Processing	12/21/2005 to 12/20/2006	\$25,390	\$7,758	\$25,390	\$7,758
PI	Li, Wei	EECS	100.0%	National Science Foundation	Workshop on Algorithms and Complexity in Wireless Networks, April 3-5, 2006, Las Vegas, USA	12/1/2005 to 11/30/2006	\$15,000	\$4,583	\$15,000	\$4,583
PI	Makki, Kami	EECS	100.0%	National Science Foundation	Workshop on Theoretical and Algorithmic Aspects of Sensor and Ad-hoc Networks	9/1/2005 to 8/31/2007	\$20,675	\$1,491	\$20,675	\$1,491
PI	Olson, Walter	MIME	34.0%	U.S. Environmental Protection Agency	Design Optimization and Control of the Hydraulic Hybrid Vehicles	11/1/2005 to 10/31/2008	\$94,802	\$28,967	\$31,285	\$9,559
Co1	Stuart, Thomas	EECS	33.0%							
Co2	Elahinia, Mohammad	MIME	33.0%							

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Kaur, Devinder	EECS	100.0%	DaimlerChrysler AG	Development of a CAE Tool Based on a Genetic Algorithm System for Efficient Selection of Laser Welding Parameters	5/31/2005 to 7/31/2006	\$50,000	\$15,278	\$50,000	\$15,278
PI	Li, Wei	EECS	100.0%	National Science Foundation	Triggered Approach and the Applications to Adaptive Centralized and Ad Hoc Wireless Networks	7/15/2005 to 6/30/2008	\$150,000	\$45,834	\$150,000	\$45,834
PI	Upal, Muhammad	EECS	100.0%	Ohio Board of Regents	Learning Agents for Agent-Mediated Electronic Commerce	to	\$12,000	\$0	\$12,000	\$0

Sum of Department/Center Award Credit for Department of Electrical Engineering and Computer Science

\$304,350	\$84,503
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### Department of Engineering Technology

PI	Fridman, Ella	ETEC	55.0%	National Science Foundation	Mechanical Engineering Technology Online Labs: Improving Lab Accessibility	8/15/2005 to 7/31/2007	\$163,000	\$41,891	\$163,000	\$41,891
Co1	Springman, Richard	ETEC	45.0%							
Co2	Solarek, Daniel	ETEC	0.0%							
PI	Springman, Richard	ETEC	100.0%	National Institute of Standards and Technology	Summer Undergraduate Research Fellowship (SURF)	5/1/2006 to 9/30/2006	\$7,900	\$0	\$7,900	\$0

Sum of Department/Center Award Credit for Department of Engineering Technology = 2

\$170,900	\$41,891
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### Department of Mechanical, Industrial, and Manufacturing Engineering

PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Extended Durability of Materials in Advanced Power Systems for Space Exploration	1/1/2006 to 12/31/2007	\$21,000	\$3,570	\$21,000	\$3,570
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	NASA-GRC Solid Oxide Fuel Cell Technology for Aeronautic Applications	3/29/2006 to 11/30/2007	\$44,526	\$7,569	\$44,526	\$7,569

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PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Ignition Characteristics of Aviation Fuels	4/4/2006 to 11/30/2006	\$66,000	\$11,220	\$66,000	\$11,220
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Life Prediction Modeling and Structural Analysis of Ceramic Matrix Composite Materials	3/28/2006 to 10/31/2007	\$22,000	\$3,197	\$22,000	\$3,197
PI	Ng, Tsun-Ming	MIME	100.0%	Orbital Research, Inc., with funding from NAVY	An Active Destructive Expendable Countermeasure for Aircraft Self-Protection	4/1/2006 to 3/31/2007	\$10,000	\$3,056	\$10,000	\$3,056
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Extended Durability of Materials in Advanced Power Systems for Space Exploration	1/1/2005 to 12/31/2007	\$79,885	\$13,580	\$79,885	\$13,580
PI	Elahinia, Mohammad	MIME	100.0%	Ohio Board of Regents	Nanomotion Control Using Ferromagnetic Shape Memory Alloy Actuators	to	\$12,000	\$0	\$12,000	\$0
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Development of Fuel Cell/Reformers Technology	8/1/2006 to 7/30/2007	\$9,500	\$1,615	\$9,500	\$1,615
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Evaluation of Several Space Lubricants Using the Spiral Orbit Tribometer	6/29/2005 to 6/28/2006	\$14,231	\$2,435	\$14,231	\$2,435
PI	Hefzy, Mohamed	MIME	60.0%	National Science Foundation	Undergraduate Senior Design Projects to Aid Individuals with Disabilities	9/1/2006 to 8/31/2009	\$75,000	\$22,917	\$75,000	\$22,917
Co1	Pourazady, Mehdi	MIME	40.0%							
PI	Jayatissa, Ahalapitiya	MIME	100.0%	National Science Foundation	CAREER: Micromachined Surface Conduction Tunneling Gas Sensors	5/15/2006 to 8/31/2006	\$10,000	\$1,667	\$10,000	\$1,667
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Life Prediction Modeling and Structural Analysis of Ceramic Matrix Composite Materials	11/1/2005 to 10/31/2007	\$43,000	\$7,310	\$43,000	\$7,310
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Evaluation of Several Space Lubricants Using the Spiral Orbit Tribometer	6/29/2005 to 6/28/2008	\$10,000	\$1,700	\$10,000	\$1,700

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PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	CFD Simulation of Turbomachinery	1/1/2006 to 12/31/2006	\$150,000	\$25,537	\$150,000	\$25,537
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Extended Durability of Materials in Advanced Power Systems for Space Exploration	1/1/2005 to 12/31/2007	\$60,000	\$10,200	\$60,000	\$10,200
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	NASA-GRC Solid Oxide Fuel Cell Technology for Aeronautic Applications	3/1/2006 to 11/30/2006	\$31,450	\$5,347	\$31,450	\$5,347
PI	Jayatissa, Ahalapitiya	MIME	100.0%	National Science Foundation	CAREER: Micromachined Surface Conduction Tunneling Gas Sensors Year 4	3/1/2006 to 2/28/2007	\$78,479	\$22,857	\$78,479	\$22,857
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Life Prediction Modeling and Structural Analysis of Ceramic Matrix Composite Materials	11/1/2004 to 10/31/2007	\$12,000	\$2,040	\$12,000	\$2,040
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Microstructural Analysis of Advanced Space and Turbine Materials	4/18/2006 to 10/31/2007	\$50,000	\$7,265	\$50,000	\$7,265
PI	Afjeh, Abdollah	MIME	50.0%	Ohio Department of Development	A New Test Facility for Experimental Development of High Speed Rotating Components and Subsystems	5/1/2006 to 4/30/2007	\$1,000,000	\$0	\$1,000,000	\$0
Co1	Masiulaniec, Konstanty	MIME	50.0%							
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Development of Foundation Technology for Code Coupling in Integrated Inlet/Fan Simulations	10/1/2006 to 9/30/2007	\$89,600	\$15,232	\$89,600	\$15,232
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Development of Fuel Cell/Reformers Technology	8/1/2004 to 6/30/2009	\$25,229	\$4,289	\$25,229	\$4,289
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Computed Tomography and Digital Radiography Based Research for Aerospace Materials	4/4/2006 to 12/31/2006	\$33,073	\$5,622	\$33,073	\$5,622

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PI	Fatemi, Ali	MIME	100.0%	DaimlerChrysler AG	Assessment of Non-proportional Hardening in Medium Carbon Steel	1/1/2006 to 5/31/2006	\$10,450	\$3,193	\$10,450	\$3,193
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Research in Controls for Flywheel Technology Applications	11/1/2005 to 10/31/2007	\$66,434	\$11,294	\$66,434	\$11,294
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Advanced Structural Seal Development	12/1/2005 to 11/30/2008	\$20,000	\$3,400	\$20,000	\$3,400
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Extended Durability of Materials In Advanced Power Systems for Space Exploration	1/1/2005 to 12/31/2007	\$45,000	\$7,650	\$45,000	\$7,650
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Microstructural Analysis of Advanced Space and Turbine Materials	11/1/2005 to 10/31/2008	\$22,000	\$3,740	\$22,000	\$3,740
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Damping Concepts for Rotating Blades and Rotordynamics	11/25/2005 to 11/24/2008	\$45,000	\$7,650	\$45,000	\$7,650
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	NASA-GRC Solid Oxide Fuel Cell Technology for Aeronautic Applications	4/12/2006 to 11/30/2007	\$190,000	\$27,607	\$190,000	\$27,607
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	CFD Simulation of Turbomachinery	4/25/2006 to 9/30/2006	\$87,600	\$12,728	\$87,600	\$12,728
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Investigation of a Heavy Loaded Journal Bearing for Aero Application	3/30/2006 to 12/31/2006	\$162,000	\$27,540	\$162,000	\$27,540
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Development and Investigation of Multiple Phenomena in Turbomachinery and Propeller Aeroelasticity	4/12/2006 to 8/31/2008	\$95,500	\$13,994	\$95,500	\$13,994
PI	Marinescu, Ioan	MIME	100.0%	Federal-Mogul Corporation	Precision Micro-Machining Center Membership (Grinding of Green Ceramics)	1/5/2006 to 1/4/2007	\$18,000	\$1,636	\$18,000	\$1,636

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PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Life Prediction Modeling and Structural Analysis of Ceramic Matrix Composite Materials	4/20/2006 to 10/31/2007	\$149,000	\$21,958	\$149,000	\$21,958
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Development of Fuel Cell/Reformers Technology	4/24/2006 to 7/30/2006	\$90,000	\$13,077	\$90,000	\$13,077
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Technology Validation and Risk Reduction Research for Flywheel Technology	4/12/2006 to 10/31/2007	\$85,000	\$25,973	\$85,000	\$25,973
PI	Hixon, Duane	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Application of the BASS Computational Aeroacoustics Code to 3D Fan Noise Prediction	4/24/2006 to 9/30/2006	\$71,138	\$18,923	\$71,138	\$18,923
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Component Development for Structural Seals	4/1/2005 to 3/31/2008	\$9,000	\$1,530	\$9,000	\$1,530
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Computed Tomography and Digital Radiography Based Research for Aerospace Materials	4/4/2006 to 12/31/2006	\$20,000	\$3,400	\$20,000	\$3,400
PI	Zhang, Hongyan	MIME	100.0%	United State Automotive Materials Partnership	Impact Testing of Continuous Welds	5/31/2006 to 5/30/2008	\$18,200	\$6,311	\$18,200	\$6,311
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Improved Modeling for Turbine Cooling Analysis	10/1/2005 to 9/30/2006	\$184,231	\$31,108	\$184,231	\$31,108
PI	Cioc, Sorin	MIME	100.0%	Ohio Aerospace Institute	Validation of 2-D Physics Based Lubrication Model and 3-D Lubrication Model Completion	5/1/2005 to 11/30/2005	\$33,000	\$14,520	\$33,000	\$14,520
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Life Prediction Modeling and Structural Analysis of Ceramic Matrix Composite Materials	11/1/2004 to 10/31/2005	\$15,000	\$2,550	\$15,000	\$2,550
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Microstructural Analysis of Advanced Space and Turbine Materials	11/1/2005 to 10/31/2006	\$128,652	\$21,871	\$128,652	\$21,871

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Experimental Studies of Traction Drives, Magnetic Bearings and Mechanical Backup Bearings for Space Applications	11/1/2005 to 10/31/2006	\$119,273	\$20,276	\$119,273	\$20,276
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Modeling of Advanced High Temperature Composite Behavior	11/1/2005 to 10/31/2006	\$154,000	\$26,180	\$154,000	\$26,180
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Advanced Structural Seal Development	12/1/2005 to 11/30/2008	\$34,593	\$5,880	\$34,593	\$5,880
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Elevated Temperature Testing and Modeling of Advanced Structural Ceramics	11/2/2004 to 10/31/2005	\$31,762	\$5,400	\$31,762	\$5,400
PI	Fatemi, Ali	MIME	100.0%	DaimlerChrysler AG	Assessment of Non-Proportional Hardening in Medium Carbon Steel	12/1/2005 to 12/8/2006	\$123,000	\$37,583	\$123,000	\$37,583
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Validation, Enhancement, and Application of Computational Models for Comprehensive Combustion Simulations	10/1/2005 to 9/30/2006	\$176,355	\$29,929	\$176,355	\$29,929
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Ignition Characteristics of Aviation Fuels	10/1/2005 to 9/30/2006	\$90,000	\$15,300	\$90,000	\$15,300
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	High Power Density Extreme Temperature Motors	11/1/2005 to 10/31/2006	\$94,670	\$16,315	\$94,670	\$16,315
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	CFD Simulation of Turbomachinery	10/1/2005 to 9/30/2006	\$168,273	\$28,607	\$168,273	\$28,607
PI	Bennett, Robert	MIME	100.0%	Lucas County Solid Waste Division	Business Waste Reduction Assistance Program (formerly known as the Waste Analyses and Minimization Program)	1/1/2006 to 12/31/2006	\$110,366	\$18,394	\$110,366	\$18,394

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PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Damping Concepts for Rotating Blades and Rotordynamic Analysis	11/25/2005 to 11/24/2006	\$70,000	\$11,900	\$70,000	\$11,900
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Research in Controls for Flywheel Technology Applications	11/1/2005 to 10/31/2006	\$70,231	\$11,940	\$70,231	\$11,940
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Advanced Structural Seal Development	12/1/2005 to 11/30/2008	\$55,000	\$9,350	\$55,000	\$9,350
PI	Olson, Walter	MIME	34.0%	U.S. Environmental Protection Agency	Design Optimization and Control of the Hydraulic Hybrid Vehicles	11/1/2005 to 10/31/2008	\$94,802	\$28,967	\$63,517	\$19,408
Co1	Stuart, Thomas	EECS	33.0%							
Co2	Elahinia, Mohammad	MIME	33.0%							
PI	Ng, Tsun-Ming	MIME	100.0%	Orbital Research, Inc., with funding from AFRLK	DEX Control	7/20/2005 to 6/8/2007	\$64,809	\$19,803	\$64,809	\$19,803
PI	Olson, Walter	MIME	100.0%	Impact Engineering	PO#2005-IE-VI-001 Hydraulic Hybrid Vehicle Leadership and Management of the Methodst and Analysis Team (HAMMER)	5/1/2005 to 9/30/2005	\$80,107	\$10,000	\$80,107	\$10,000
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Evaluation of Several Space Lubricants Using the Spiral Orbit Tribometer	3/15/2005 to 6/28/2006	\$25,000	\$4,250	\$25,000	\$4,250
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Evaluation of Several Space Lubricants Using the Spiral Orbit Tribometer	6/29/2005 to 6/28/2008	\$60,000	\$10,200	\$60,000	\$10,200
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Development of an Information Exchange Mechanism with a Virtual Engine Test	10/1/2006 to 9/30/2009	\$89,000	\$15,130	\$89,000	\$15,130
PI	Afjeh, Abdollah	MIME	0.0%	Greentree Group, with funding from U.S. Air Force Research Lab	Advanced Virtual Engine Test Cell (AVETeC) Program	1/1/2006 to 12/31/2006	\$30,050	\$6,201	\$30,050	\$6,201
Co1	Reed, John	MIME	100.0%							
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Elevated Temperature Testing and Modeling of Advanced Structural Ceramics	11/2/2004 to 10/31/2005	\$55,000	\$9,350	\$55,000	\$9,350

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PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Component Development for Structural Seals	5/4/2005 to 3/31/2006	\$25,000	\$4,250	\$25,000	\$4,250
PI	Ng, Tsun-Ming	MIME	100.0%	Orbital Research, Inc., with funding from USAF	Wind Tunnel Evaluation of Plasma Control Devices	10/1/2005 to 12/31/2006	\$15,000	\$4,583	\$15,000	\$4,583
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Extended Durability of Materials in Advanced Power Systems for Space Exploration	1/1/2005 to 12/31/2007	\$19,700	\$3,349	\$19,700	\$3,349
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Computed Tomography and Digital Radiography Based Research for Aerospace Materials	1/1/2006 to 12/31/2006	\$55,000	\$9,350	\$55,000	\$9,350
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Advanced Structural Seal Development	12/1/2005 to 11/30/2008	\$30,000	\$5,100	\$30,000	\$5,100
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Component Development for Structural Seals	4/10/2005 to 3/31/2008	\$33,000	\$5,610	\$33,000	\$5,610
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	NASA-GRC Solid Oxide Fuel Cell Technology for Aeronautic Applications	12/1/2004 to 11/30/2007	\$229,000	\$38,930	\$229,000	\$38,930
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Development of Fuel Cell/Reformers Technology	7/1/2006 to 6/30/2007	\$46,000	\$7,820	\$46,000	\$7,820
PI	Afjeh, Abdollah	MIME	25.0%	Army Research Office	Design and Manufacturing Process Technology for High Performance Polymer Nano-Composites	9/1/2005 to 8/31/2006	\$900,626	\$244,636	\$450,313	\$122,318
Co1	Nadarajah, Arunan	CHME	25.0%							
Co2	Coleman, Maria	CHME	25.0%							
Co3	Fatemi, Ali	MIME	25.0%							
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Research Initiatives Involving Advanced Electro-Mechanical Components	10/1/2005 to 9/30/2006	\$143,574	\$24,466	\$143,574	\$24,466

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PI	Hixon, Duane	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Application of the BASS Computational Aeroacoustics Code to 3D Fan Noise Prediction	10/1/2005 to 9/30/2006	\$72,000	\$11,179	\$72,000	\$11,179
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Particulates Measurements and Measurement-System Development for Aircraft Engines	1/1/2006 to 12/31/2006	\$160,293	\$27,250	\$160,293	\$27,250
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Development of Fuel Cell/Reformers Technology	8/1/2005 to 7/31/2006	\$56,364	\$9,582	\$56,364	\$9,582
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Life Prediction Modeling and Structural Analysis of Ceramic Matrix Composite Materials	11/1/2004 to 10/31/2005	\$29,000	\$4,930	\$29,000	\$4,930
PI	Afjeh, Abdollah	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Small Turbine Institute	9/22/2005 to 9/21/2007	\$1,212,535	\$112,131	\$1,212,535	\$112,131
Co1	Masiulaniec, Konstanty	MIME	0.0%	NASA John H. Glenn Research Center at Lewis Field						
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Elevated Temperature Testing and Modeling of Advanced Structural Ceramics	11/2/2004 to 10/31/2005	\$41,400	\$7,038	\$41,400	\$7,038
PI	DeWitt, Kenneth	MIME	100.0%	NASA John H. Glenn Research Center at Lewis Field	Investigation of a Heavy Loaded Journal Bearing for Aero Application	1/1/2006 to 12/31/2006	\$61,000	\$10,370	\$61,000	\$10,370

Sum of Department/Center Award Credit for Department of Mechanical, Industrial, and Manufacturing Eng

\$7,956,363	\$1,199,530
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### Polymer Institute

PI	Jabarin, Saleh	POLY	100.0%	Aromatics Derivatives - UOP	Research Performed for UOP	7/1/2006 to 6/30/2007	\$1,050	\$95	\$1,050	\$95
PI	Jabarin, Saleh	POLY	100.0%	Equipolymers GmbH	Industrial Consortium for Poly(ethylene terephthalates), PET	7/1/2005 to 6/30/2006	\$15,000	\$1,364	\$15,000	\$1,364
PI	Jabarin, Saleh	POLY	100.0%	Constar, Inc.	Active Barrier Packaging Consortium	10/1/2005 to 9/30/2006	\$10,000	\$909	\$10,000	\$909

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PI	Jabarin, Saleh	POLY	100.0%	Amcors PET Packaging	Active Barrier Packaging Consortium	12/14/2005 to 12/13/2006	\$10,000	\$909	\$10,000	\$909
PI	Jabarin, Saleh	POLY	100.0%	Plastics Fabrication Technology	Research Performed for Plastic Fabrication Technologies	12/13/2005 to 12/12/2006	\$4,800	\$436	\$4,800	\$436
PI	Jabarin, Saleh	POLY	100.0%	Ecolab	Industrial Consortium for Poly(ethylene terephthalate), PET	3/1/2006 to 2/28/2007	\$20,000	\$1,818	\$20,000	\$1,818
PI	Jabarin, Saleh	POLY	100.0%	ICI Paints	Research Performed for ICI Paints	7/1/2005 to 6/30/2006	\$2,250	\$205	\$2,250	\$205
PI	Jabarin, Saleh	POLY	100.0%	Aromatics Derivatives - UOP	Industrial Consortium for Poly(ethylene terephthalate), PET	10/1/2005 to 9/30/2006	\$20,000	\$1,818	\$20,000	\$1,818
PI	Jabarin, Saleh	POLY	100.0%	Wellman, Inc.	Active Barrier Packaging Consortium	1/1/2006 to 12/31/2006	\$10,000	\$909	\$10,000	\$909
PI	Jabarin, Saleh	POLY	100.0%	Constar, Inc.	Research Performed for Constar, Inc.	7/1/2005 to 6/30/2006	\$2,400	\$218	\$2,400	\$218
PI	Jabarin, Saleh	POLY	100.0%	Toledo Molding and Die, Inc.	Research Performed for Toledo Molding & Die, Inc.	7/1/2005 to 6/30/2006	\$200	\$18	\$200	\$18
PI	Jabarin, Saleh	POLY	100.0%	Pepsi-Cola	Industrial Consortium for Poly(ethylene terephthalate), PET	7/1/2005 to 6/30/2006	\$15,000	\$1,364	\$15,000	\$1,364
PI	Jabarin, Saleh	POLY	100.0%	Constar, Inc.	Industrial Consortium for Poly(ethylene terephthalates), PET	11/1/2005 to 10/31/2006	\$15,000	\$1,364	\$15,000	\$1,364
PI	Jabarin, Saleh	POLY	100.0%	Graham Packaging	Research Performed for Graham Pkg.	7/1/2005 to 6/30/2006	\$450	\$41	\$450	\$41
PI	Jabarin, Saleh	POLY	100.0%	Pepsi-Cola	Active Barrier Packaging Consortium	5/25/2006 to 5/24/2007	\$10,000	\$909	\$10,000	\$909
PI	Jabarin, Saleh	POLY	100.0%	Cipco, Inc.	Research Performed for Cipco, Inc.	7/1/2005 to 6/30/2006	\$100	\$9	\$100	\$9
PI	Jabarin, Saleh	POLY	100.0%	Field Manufacturing Corporation	Research Performed for Field Manufacturing Corp.	7/1/2005 to 6/30/2006	\$1,600	\$145	\$1,600	\$145

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PI	Jabarin, Saleh	POLY	100.0%	Wellman, Inc.	Industrial Consortium for Poly(ethylene terephthalate), PET	9/1/2005 to 8/31/2006	\$15,000	\$1,364	\$15,000	\$1,364
PI	Jabarin, Saleh	POLY	100.0%	Decoline, Ltd.	Research Performed for Decoline, Ltd.	7/1/2005 to 6/30/2006	\$1,750	\$193	\$1,750	\$193
PI	Jabarin, Saleh	POLY	100.0%	Pepsi-Cola	Research Performed for Pepsi-Cola	7/1/2005 to 6/30/2006	\$153,302	\$13,937	\$153,302	\$13,937
PI	Jabarin, Saleh	POLY	100.0%	DAK Americas	Industrial Consortium for Poly(ethylene terephthalate), PET	7/1/2005 to 6/30/2006	\$25,000	\$2,273	\$25,000	\$2,273
PI	Jabarin, Saleh	POLY	100.0%	Dow Chemical	Research Performed for Dow Chemical Company	7/1/2005 to 6/30/2006	\$85,372	\$7,761	\$85,372	\$7,761
PI	Jabarin, Saleh	POLY	100.0%	SK Chemicals	Active Barrier Packaging Consortium	6/28/2005 to 6/27/2006	\$10,000	\$1,100	\$10,000	\$1,100
PI	Jabarin, Saleh	POLY	100.0%	Arcor PET Packaging	Industrial Consortium for Poly(ethylene terephthalates), PET	3/1/2005 to 2/28/2006	\$15,000	\$1,650	\$15,000	\$1,650
PI	Jabarin, Saleh	POLY	100.0%	Constar, Inc.	Industrial Consortium for Poly(ethylene terephthalates), PET	11/1/2004 to 10/31/2005	\$7,500	\$825	\$7,500	\$825
PI	Jabarin, Saleh	POLY	100.0%	Equipolymers GmbH	Active Barrier Packaging Consortium	7/1/2005 to 6/30/2006	\$10,000	\$1,100	\$10,000	\$1,100
PI	Jabarin, Saleh	POLY	100.0%	Sterling Laboratories	Research Performed for Sterling Laboratories	7/1/2005 to 6/30/2006	\$500	\$55	\$500	\$55
PI	Jabarin, Saleh	POLY	100.0%	SK Chemicals	Industrial Consortium for Poly(ethylene terephthalates), PET	7/1/2005 to 6/30/2006	\$15,000	\$1,650	\$15,000	\$1,650
PI	Jabarin, Saleh	POLY	100.0%	Uhde Inventa-Fischer AG of Switzerland	Industrial Consortium for Poly(ethylene terephthalate), PET	7/1/2005 to 6/30/2006	\$19,980	\$1,816	\$19,980	\$1,816
PI	Jabarin, Saleh	POLY	100.0%	M & G Polymers	Industrial Consortium for Poly(ethylene terephthalate), PET	9/1/2005 to 8/30/2006	\$15,000	\$1,364	\$15,000	\$1,364

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PI	Jabarin, Saleh	POLY	100.0%	Braskem S.A.	Research Performed for Braskem S.A.	7/1/2005 to 6/30/2006	\$7,475	\$680	\$7,475	\$680
PI	Jabarin, Saleh	POLY	100.0%	Owens Illinois, Inc.	Research Performed for Owens Illinois	7/1/2005 to 6/30/2006	\$11,250	\$1,023	\$11,250	\$1,023
Sum of Department/Center Award Credit for Polymer Institute = 32									\$529,979	\$49,322
<b>Sum of College Award Credit for The College of Engineering = 178.9</b>									<b>\$12,985,429</b>	<b>\$1,961,145</b>

## The College of Health and Human Services

### Administration, College of Health and Human Services

PI	Pietras, Nancy	AHHS	100.0%	Ohio Department of Education	Tech Prep State Retreat	7/1/2005 to 6/30/2006	\$12,191	\$581	\$12,191	\$581
PI	Pietras, Nancy	AHHS	100.0%	Lucas County Educational Service Center	High Schools That Work	7/1/2005 to 6/30/2006	\$6,733	\$321	\$6,733	\$321
PI	Pietras, Nancy	AHHS	100.0%	Lucas County Educational Service Center	High Schools That Work	7/1/2005 to 6/30/2006	\$138,000	\$6,571	\$138,000	\$6,571
PI	Benjamin, Barbaranne	AHHS	100.0%	United Way	Internship: Community Research on Children/Parents	8/22/2005 to 12/16/2005	\$3,739	\$340	\$3,739	\$340
PI	Pietras, Nancy	AHHS	100.0%	Ohio Department of Education	Career Fields Implementation	12/1/2005 to 6/30/2006	\$55,000	\$2,619	\$55,000	\$2,619
PI	Pietras, Nancy	AHHS	100.0%	Ohio College Access Network	College Success Partnership - Planning Grant	2/15/2006 to 8/15/2006	\$10,000	\$0	\$10,000	\$0
PI	Pietras, Nancy	AHHS	100.0%	Ohio Department of Education	Tech Prep Expanded Enrollment Grant	4/25/2006 to 6/30/2006	\$11,522	\$548	\$11,522	\$548

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PI	Pietras, Nancy	AHHS	100.0%	Lucas County Educational Service Center	Tech Prep Graduate Assistants	7/1/2006 to 6/30/2007	\$30,000	\$1,429	\$30,000	\$1,429
PI	Pietras, Nancy	AHHS	100.0%	Ohio Board of Regents	Tech Prep Alumni Association	5/16/2006 to 6/30/2007	\$12,000	\$571	\$12,000	\$571
PI	Pietras, Nancy	AHHS	100.0%	Ohio Department of Education	Tech Prep Expanded Enrollment Grant-Math	7/1/2006 to 6/30/2007	\$121,417	\$5,782	\$121,417	\$5,782
PI	Pietras, Nancy	AHHS	100.0%	Ohio Department of Education	Tech Prep State Performance	7/1/2006 to 6/30/2007	\$180,122	\$8,577	\$180,122	\$8,577
PI	Benjamin, Barbaranne	AHHS	10.0%	U.S. Department of Justice	Problems and Needs of Mothers Who Enter the Criminal Justice System	5/1/2005 to 4/30/2007	\$493,322	\$144,167	\$49,332	\$14,417
Co1	Williamson, Celia	SOCW	30.0%							
Co2	Ventura, Lois	CRMJ	22.0%							
Co3	Cox, Jane	CMHS	23.0%							
Co4	Nathan, Vincent	CRMJ	1.0%							
Co5	Bryant, Michael	CRMJ	2.0%							
Co6	Laux, John	CMHS	2.0%							
Co7	Lambert, Eric	CRMJ	5.0%							
Co8	Dupuy, Paula	CMHS	5.0%							
PI	Pietras, Nancy	AHHS	100.0%	Ohio Board of Regents	Strengthenlinkage between Tech Prep and GEARUP Lighthouse	7/1/2006 to 6/30/2007	\$10,000	\$0	\$10,000	\$0
PI	Pietras, Nancy	AHHS	100.0%	Ohio Department of Education, with funding from USDOED	Dual Enrollment	4/17/2006 to 6/30/2006	\$25,000	\$1,190	\$25,000	\$1,190
PI	Pietras, Nancy	AHHS	100.0%	Ohio Department of Education	Tech Prep Research and Development-IT-Programming and Software Development	7/1/2006 to 6/30/2007	\$43,571	\$2,075	\$43,571	\$2,075
PI	Pietras, Nancy	AHHS	100.0%	Ohio Department of Education, with funding from USDOED	Tech Prep Federal Base	7/1/2006 to 6/30/2007	\$310,370	\$14,780	\$310,370	\$14,780

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*\*\*Sponsor Indirect Cost Recovery amount (shaded column) is included in the Sponsor Award \$ column.*

<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Pietras, Nancy	AHHS	100.0%	Ohio Department of Education, with funding from USDOED	Tech Prep Federal Base	4/25/2006 to 6/30/2006	\$2,974	\$141	\$2,974	\$141

Sum of Department/Center Award Credit for Administration, College of Health and Human Services = 16.1

\$1,021,971	\$59,942
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### Counseling and Mental Health Services

PI	Benjamin, Barbaranne	AHHS	10.0%	U.S. Department of Justice	Problems and Needs of Mothers Who Enter the Criminal Justice System	5/1/2005 to 4/30/2007	\$493,322	\$144,167	\$147,997	\$43,250
Co1	Williamson, Celia	SOCW	30.0%							
Co2	Ventura, Lois	CRMJ	22.0%							
Co3	Cox, Jane	CMHS	23.0%							
Co4	Nathan, Vincent	CRMJ	1.0%							
Co5	Bryant, Michael	CRMJ	2.0%							
Co6	Laux, John	CMHS	2.0%							
Co7	Lambert, Eric	CRMJ	5.0%							
Co8	Dupuy, Paula	CMHS	5.0%							
PI	Fasko, Sharla	CMHS	100.0%	Model Community School	The M.O.D.E.L. Community School Internship Agreement	8/22/2005 to 5/5/2006	\$166,056	\$15,096	\$166,056	\$15,096
PI	Devlin, Patricia	ECPS	100.0%	Ohio Department of Education	Ohio Integrated Service Model (OISM): A Collaborative Self-Study at The University of Toledo	3/1/2006 to 9/30/2006	\$30,000	\$2,222	\$0	\$0
Co1	Welsch, Richard	ECPS	0.0%							
Co2	Kehus, Marcella	CURI	0.0%							
Co3	Bleyaert, Barbara	EDLE	0.0%							
Co4	Cochrane, Wendy	CMHS	0.0%							

Sum of Department/Center Award Credit for Counseling and Mental Health Services = 1.3

\$314,053	\$58,346
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### Criminal Justice

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Jenkins, Morris	CRMJ	60.0%	Ohio Department of Rehabilitation	Formative Evaluation of Citizens Circles	9/1/2005 to 6/30/2006	\$19,934	\$1,812	\$19,934	\$1,812
Co1	Jiang, Shanhe	CRMJ	40.0%							
PI	Collins, D.	CRMJ	100.0%	U.S. Department of Justice	Ohio Police Corps Program Fund	2/1/2004 to 1/31/2005	\$495,744	\$0	\$495,744	\$0
PI	Benjamin, Barbaranne	AHHS	10.0%	U.S. Department of Justice	Problems and Needs of Mothers Who Enter the Criminal Justice System	5/1/2005 to 4/30/2007	\$493,322	\$144,167	\$147,997	\$43,250
Co1	Williamson, Celia	SOCW	30.0%							
Co2	Ventura, Lois	CRMJ	22.0%							
Co3	Cox, Jane	CMHS	23.0%							
Co4	Nathan, Vincent	CRMJ	1.0%							
Co5	Bryant, Michael	CRMJ	2.0%							
Co6	Laux, John	CMHS	2.0%							
Co7	Lambert, Eric	CRMJ	5.0%							
Co8	Dupuy, Paula	CMHS	5.0%							
PI	Collins, D.	CRMJ	100.0%	U.S. Department of Justice	Ohio Police Corps Program Fund	8/1/2005 to 1/31/2006	\$91,475	\$0	\$91,475	\$0
PI	Ventura, Lois	CRMJ	90.0%	Lucas County Juvenile Court	Lucas County Juvenile Treatment Court Evaluation	9/30/2005 to 9/29/2006	\$10,000	\$909	\$10,000	\$909
Co1	Jenkins, Morris	CRMJ	10.0%							
PI	Ventura, Lois	CRMJ	45.0%	Ohio Criminal Justice System	Batterer Intervention Research	5/1/2005 to 4/30/2006	\$82,102	\$7,464	\$41,051	\$3,732
Co1	Davis, Gabrielle	LAW	50.0%							
Co2	Lambert, Eric	CRMJ	5.0%							

Sum of Department/Center Award Credit for Criminal Justice = 4.8

\$806,201	\$49,703
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## Department of Kinesiology

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Gribble, Phillip	KNSL	100.0%	National Athletic Trainers' Association	Effects of Ankle Bracing and Fatigue on Time to Stabilization Among Collegiate Jumping Athletes	8/1/2005 to 7/31/2006	\$829	\$0	\$829	\$0
PI	Gribble, Phillip	KNSL	100.0%	Great Lakes Athletic Trainers' Association	The Effects of Chronic Ankle Instability on Proximal Muscle Group Strength Deficits	4/1/2005 to 4/1/2006	\$1,000	\$0	\$1,000	\$0
PI	Gribble, Phillip	KNSL	100.0%	National Athletic Trainers' Association	Effects of Patellar Taping and Patellofemoral Pain Syndrome on Joint Kinematics and Dynamic Postural Control	8/1/2005 to 7/31/2006	\$831	\$0	\$831	\$0
PI	Armstrong, Charles	KNSL	100.0%	Spring Meadows West Sports Medicine and PT	Spring Meadows West Sports Medicine Clinical/Research Experience	8/1/2005 to 6/9/2006	\$168,135	\$15,285	\$168,135	\$15,285
PI	Gribble, Phillip	KNSL	100.0%	Spring Meadows West Sports Medicine and PT	Spring Meadows West Sports Medicine Clinical/Research Experience	8/1/2006 to 5/26/2007	\$168,135	\$15,285	\$168,135	\$15,285
PI	Scheuermann, Barry	KNSL	100.0%	National Institutes of Health	Effect of Blood Flow Pattern on Endothelial Damage	5/8/2006 to 5/7/2007	\$46,413	\$0	\$46,413	\$0

Sum of Department/Center Award Credit for Department of Kinesiology = 6

\$385,343	\$30,570
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### Department of Social Work

PI	Cluse-Tolar, Theresa	SOCW	100.0%	Ohio Department of Job & Family Services	Workforce Development	7/1/2005 to 6/30/2007	\$246,500	\$16,500	\$246,500	\$16,500
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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Benjamin, Barbaranne	AHHS	10.0%	U.S. Department of Justice	Problems and Needs of Mothers Who Enter the Criminal Justice System	5/1/2005 to 4/30/2007	\$493,322	\$144,167	\$147,997	\$43,250
Co1	Williamson, Celia	SOCW	30.0%							
Co2	Ventura, Lois	CRMJ	22.0%							
Co3	Cox, Jane	CMHS	23.0%							
Co4	Nathan, Vincent	CRMJ	1.0%							
Co5	Bryant, Michael	CRMJ	2.0%							
Co6	Laux, John	CMHS	2.0%							
Co7	Lambert, Eric	CRMJ	5.0%							
Co8	Dupuy, Paula	CMHS	5.0%							

Sum of Department/Center Award Credit for Department of Social Work = 1.3

\$394,497	\$59,750
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**Health Professions**

PI	Wambold, Suzanne	HPRF	100.0%	Sylvania Northview High School	Medical Technology/Tech Prep GA	8/22/2005 to 5/12/2006	\$5,045	\$459	\$5,045	\$459
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Sum of Department/Center Award Credit for Health Professions = 1

\$5,045	\$459
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**Public Health and Rehabilitative Services**

PI	Kucharewski, Ruth	PHRS	100.0%	Lucas County Board of Commissioners	Support of 2005 National Youth Sports Program	6/12/2005 to 7/15/2005	\$4,500	\$409	\$4,500	\$409
PI	Price, James	PHRS	100.0%	American School Health Association	Journal Editorship	5/16/2005 to 8/18/2006	\$3,000	\$273	\$3,000	\$273
PI	Longsdorf, Eric	PHRS	100.0%	Ability Center of Greater Toledo	Partners for Community Inclusion	8/22/2005 to 5/5/2006	\$10,088	\$917	\$10,088	\$917
PI	Roberts, Stephen	PHRS	100.0%	Hospital Council of Northwest Ohio	Internship Agreement	8/22/2005 to 4/28/2006	\$11,070	\$1,006	\$11,070	\$1,006
PI	Roberts, Stephen	PHRS	100.0%	Hospital Council of Northwest Ohio	Internship Agreement	5/15/2006 to 8/4/2006	\$8,576	\$3,399	\$8,576	\$3,399

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Longsdorf, Eric	PHRS	100.0%	Ability Center of Greater Toledo	Partners for Community Inclusion	8/22/2005 to 5/5/2006	\$10,088	\$917	\$10,088	\$917
PI	Tatchell, Thomas	PHRS	100.0%	Promedica Health System	Research Liaison	5/15/2006 to 12/31/2006	\$7,403	\$673	\$7,403	\$673
PI	Price, James	PHRS	50.0%	Hospital Council of Northwest Ohio	Healthy Tobacco Control Year IV	11/1/2005 to 12/31/2006	\$59,977	\$5,452	\$59,977	\$5,452
Co1	Jordan, Timothy	PHRS	50.0%							
PI	Kucharewski, Ruth	PHRS	100.0%	National Youth Sports Program, with funding from DHHS	2006 National Youth Sports Program	6/1/2006 to 5/31/2007	\$40,000	\$0	\$40,000	\$0
PI	Boardley, Debra	PHRS	100.0%	University of Louisville, with funding from NIH	Effect of Prehabilitation as Rehabilitation of TKA	5/1/2006 to 4/30/2007	\$9,222	\$2,818	\$9,222	\$2,818
PI	Price, James	PHRS	50.0%	Hospital Council of Northwest Ohio	Healthy Tobacco Control Year IIII	11/1/2005 to 12/31/2006	\$760	\$69	\$760	\$69
Co1	Jordan, Timothy	PHRS	50.0%							
PI	Pakulski, Lori	PHRS	100.0%	Kenwood Hearing Center	Increasing Physician's Awareness of the Negative Impact of Untreated Hearing Loss Through Screening and Education	8/21/2006 to 5/4/2007	\$10,088	\$917	\$10,088	\$917

Sum of Department/Center Award Credit for Public Health and Rehabilitative Services = 12

\$174,772	\$16,850
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Sum of College Award Credit for The College of Health and Human Services = 42.5

\$3,101,881	\$275,620
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## The College of Law

### College of Law

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PI	Ventura, Lois	CRMJ	45.0%	Ohio Criminal Justice System	Batterer Intervention Research	5/1/2005 to 4/30/2006	\$82,102	\$7,464	\$41,051	\$3,732
Co1	Davis, Gabrielle	LAW	50.0%							
Co2	Lambert, Eric	CRMJ	5.0%							

Sum of Department/Center Award Credit for College of Law = 0.5

\$41,051

\$3,732

**Sum of College Award Credit for The College of Law = 0.5**

\$41,051

\$3,732

## The College of Pharmacy

### Center for Applied Pharmacology

PI	Bachmann, Kenneth	CAP	100.0%	Merck & Co., Inc.	ODT Formulation	8/2/2004 to 8/31/2005	\$2,400	\$144	\$2,400	\$144
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Sum of Department/Center Award Credit for Center for Applied Pharmacology = 1

\$2,400

\$144

### Center for Drug Design and Development

PI	Erhardt, Paul	CDDD	34.0%	Cognitive Pharmaceuticals Ltd., with funding from NIH	Utility of Muscarinic Agonists in Alzheimer's Disease	7/1/2005 to 6/30/2007	\$96,841	\$28,084	\$32,926	\$9,549
Co1	Bachmann, Kenneth	PHAR	33.0%							
Co2	Messer, William	PHAR	33.0%							
PI	Erhardt, Paul	CDDD	100.0%	U.S. Department of Agriculture	Determine Natural Product Induction in Legumes and the Pharmacologic Consequences in Human Model Systems	9/30/2003 to 7/31/2008	\$441,312	\$40,119	\$441,312	\$40,119
PI	Erhardt, Paul	CDDD	100.0%	U.S. Army Medical Research & Material Command	Ultrasound Imaging of Breast Cancer	7/1/2006 to 6/30/2007	\$101,400	\$26,400	\$101,400	\$26,400
Co1	Sarver, Jeffrey	CDDD	0.0%							

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
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Sum of Department/Center Award Credit for Center for Drug Design and Development = 2.3

\$575,638	\$76,068
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**Department of Medicinal and Biological Chemistry**

PI	Wall, Katherine	MCHE	100.0%	Ohio Board of Regents	Muscle Responses in IFN-gamma in EAMG	5/15/2006 to 8/30/2006	\$25,000	\$0	\$25,000	\$0
PI	McInerney, Marcia	MCHE	100.0%	U.S. Department of Agriculture	Dietary and Genetic Risk Factors in Obesity and Diabetes	9/1/2006 to 8/31/2007	\$463,320	\$75,876	\$463,320	\$75,876
PI	Messer, William	PHAR	80.0%	National Institutes of Health	Muscarinic Agonists for Neurological Disorders	7/1/2006 to 6/30/2007	\$224,461	\$66,390	\$44,892	\$13,278
Co1	Nagy, Peter	MCHE	20.0%							
PI	Slama, James	MCHE	100.0%	Purdue University	Improvement of Sterility and Mechanical Function of Sterilized Connective Tissue Grafts	1/1/2006 to 12/31/2006	\$14,400	\$2,400	\$14,400	\$2,400
PI	Slama, James	MCHE	100.0%	Ohio Board of Regents	Research Challenge AY 04/05	10/1/2004 to 6/30/2005	\$4,000	\$0	\$4,000	\$0
PI	Von Grafenstein, Herma	MCHE	100.0%	National Institutes of Health	Structure and Dynamics of MHC Bound Peptides	5/1/2006 to 4/30/2008	\$216,000	\$66,000	\$216,000	\$66,000
PI	McInerney, Marcia	MCHE	100.0%	U.S. Department of Agriculture	Dietary and Genetic Risk Factors in Obesity and Diabetes	9/1/2005 to 8/31/2006	\$900	\$396	\$900	\$396

Sum of Department/Center Award Credit for Department of Medicinal and Biological Chemistry = 6.2

\$768,512	\$157,950
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**Department of Pharmacology**

PI	Messer, William	PHAR	80.0%	National Institutes of Health	Muscarinic Agonists for Neurological Disorders	7/1/2006 to 6/30/2007	\$224,461	\$66,390	\$179,569	\$53,112
Co1	Nagy, Peter	MCHE	20.0%							
PI	Erhardt, Paul	CDDD	34.0%	Cognitive Pharmaceuticals Ltd., with funding from NIH	Utility of Muscarinic Agonists in Alzheimer's Disease	7/1/2005 to 6/30/2007	\$96,841	\$28,084	\$63,915	\$18,535
Co1	Bachmann, Kenneth	PHAR	33.0%							
Co2	Messer, William	PHAR	33.0%							

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PI	Messer, William	PHAR	100.0%	Cognitive Pharmaceuticals Ltd., with funding from NIH	Utility of Muscarinic Agonists in Schizophrenia	5/1/2005 to 4/30/2007	\$48,192	\$14,254	\$48,192	\$14,254

Sum of Department/Center Award Credit for Department of Pharmacology = 2.5

\$291,676	\$85,901
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### Department of Pharmacy Practice

PI	Cappelletty, Diane	PRAC	100.0%	Wyeth Pharmaceutical	Evaluation of Synergistic Combinations with Tigecycline Against Acinetobacter baumannii	5/1/2006 to 4/30/2007	\$15,915	\$4,863	\$15,915	\$4,863
PI	Sahloff, Eric	PRAC	100.0%	American Association of Colleges of Pharmacy	Pharmacokinetic Analysis of Boosted Atazanavir When Administered Simultaneously with and 2 Hours Prior to Omeprazole in Healthy Volunteers	1/1/2006 to 12/31/2007	\$10,000	\$0	\$10,000	\$0

Sum of Department/Center Award Credit for Department of Pharmacy Practice = 2

\$25,915	\$4,863
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**Sum of College Award Credit for The College of Pharmacy = 14**

\$1,664,141	\$324,926
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## University College

### Administration, University College

PI	Momenee, Luanne	AUCL	100.0%	Ohio Department of Education, with funding from USDOED	Carl Perkins Grant	4/25/2006 to 6/30/2006	\$2,289	\$0	\$2,289	\$0
PI	Momenee, Luanne	AUCL	100.0%	Ohio Department of Education, with funding from USDOED	Carl Perkins Grant	7/1/2006 to 6/30/2007	\$51,068	\$0	\$51,068	\$0
Co1	Lettman, Dennis	AUCL	0.0%							

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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Waldock, Mary	AUCL	0.0%	Owens Corning	Grant Services	6/16/2006 to 6/15/2007	\$76,912	\$15,871	\$76,912	\$15,871
Co1	Anzaldua, Betty	AUCL	100.0%							

Sum of Department/Center Award Credit for Administration, University College = 3

\$130,269	\$15,871
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**Sum of College Award Credit for University College = 3**

\$130,269	\$15,871
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## Other

### Administration, Academic Affairs

PI	Bresnahan, Carol	AADM	100.0%	Lumina Foundation for Education	Student African American Brotherhood (S.A.A.B.)	7/1/2006 to 6/30/2008	\$197,000	\$16,256	\$197,000	\$16,256
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Sum of Department/Center Award Credit for Administration, Academic Affairs = 1

\$197,000	\$16,256
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### Administration, Enrollment and Placement Services

PI	Young, David	AEPS	100.0%	U.S. Department of Education	Upward Bound Program	9/1/2006 to 8/31/2007	\$374,966	\$23,203	\$374,966	\$23,203
PI	Cooks, Helen	AEPS	100.0%	U.S. Department of Education	GEAR UP	9/15/2005 to 9/13/2006	\$663,819	\$49,172	\$663,819	\$49,172
PI	Young, David	AEPS	100.0%	U.S. Department of Education	UT Student Support Services	9/1/2006 to 8/31/2007	\$220,000	\$15,802	\$220,000	\$15,802
PI	Young, David	AEPS	100.0%	U.S. Department of Education	Upward Bound Program	9/1/2005 to 8/31/2006	\$374,967	\$23,292	\$374,967	\$23,292

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PI	Czerniak, Charlene	CURI	100.0%	U.S. Department of Education	UToledo, UTeach, UTouch the Future (UT3)	10/1/2005 to 9/30/2006	\$1,282,713	\$70,726	\$0	\$0
Co1	Weber, William	CURI	0.0%							
Co2	Schneider, Rebecca	CURI	0.0%							
Co3	Templin, Mark	CURI	0.0%							
Co4	Thomas, William	MATH	0.0%							
Co5	Dubrul, Ernest	BIOL	0.0%							
Co6	Nadarajah, Arunan	CHME	0.0%							
Co7	Cooks, Helen	AEPS	0.0%							
Co8	Bopp, Bernard	PHYS	0.0%							
Co9	McGuire, Patrick	URB	0.0%							
C10	Teclehaimanot, Berhan	CURI	0.0%							
C11	Duran, Emilio	BIOL	0.0%							
PI	Pickett, Mark	CVLE	51.0%	Ohio Board of Regents, with funding from USDOED	Teachers Applying Math and Science Via Distance Learning TAMS-DL	1/20/2006 to 5/31/2007	\$122,373	\$9,065	\$1,224	\$91
Co1	Escobar, Isabel	CHME	24.0%							
Co2	Gruden, Cyndee	CVLE	24.0%							
Co3	Cooks, Helen	AEPS	1.0%							

Sum of Department/Center Award Credit for Administration, Enrollment and Placement Services = 4

\$1,634,976	\$111,560
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### Administration, University Office of Research

PI	Calzonetti, Frank	AUOR	100.0%	U.S. Department of Agriculture	Support of Agricultural Research of Mutual Interest	8/16/2005 to 8/15/2006	\$2,970	\$270	\$2,970	\$270
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Sum of Department/Center Award Credit for Administration, University Office of Research = 1

\$2,970	\$270
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### Administration, VP Undergraduate Studies

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*\*\*Sponsor Indirect Cost Recovery amount (shaded column) is included in the Sponsor Award \$ column.*

<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
PI	Bresnahan, Carol	AVUG	100.0%	Toledo Community Foundation	Toledo High School Project	7/1/2005 to 8/31/2006	\$20,000	\$2,000	\$20,000	\$2,000

Sum of Department/Center Award Credit for Administration, VP Undergraduate Studies = 1

\$20,000	\$2,000
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### **Catharine S. Eberly Center for Women**

PI	Murphy, Patricia	CFW	100.0%	Lucas County Job and Family Services	The Muslim Family and Domestic Violence	11/15/2005 to 6/30/2006	\$12,000	\$1,091	\$12,000	\$1,091
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Sum of Department/Center Award Credit for Catharine S. Eberly Center for Women = 1

\$12,000	\$1,091
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### **Distance Learning**

PI	Rhoda, Karen	DIST	100.0%	Medical University of Ohio, with funding from OH Board of Nursing	Increasing the Numbers of Psychiatric-Mental Health Nurse Faculty in Northwest Ohio with Online Education	9/1/2005 to 8/31/2007	\$83,205	\$0	\$83,205	\$0
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Sum of Department/Center Award Credit for Distance Learning = 1

\$83,205	\$0
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### **Intermodal Transportation Institute**

PI	Vonderembse, Mark	INTI	100.0%	U.S. Department of Transportation	Transportation for Economic Security and Development	7/1/2006 to 6/30/2007	\$430,000	\$131,389	\$430,000	\$131,389
PI	Vonderembse, Mark	INTI	100.0%	ICHCA International Limited	ICHCA North America	4/1/2006 to 3/31/2007	\$21,857	\$0	\$21,857	\$0
PI	Lindquist, Peter	GEOG	50.0%	University of Wisconsin, with funding from US DOT	Expanding Regional Freight Information Resources For The Upper Midwest: The Great Lakes Maritime Information Delivery System	2/1/2006 to 8/31/2006	\$49,614	\$10,595	\$24,807	\$5,298
Co1	Vonderembse, Mark	INTI	50.0%							

Sum of Department/Center Award Credit for Intermodal Transportation Institute = 2.5

\$476,664	\$136,687
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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
<b>Plant Science Research Center</b>										
PI	Rudrabhatla, Sairam	PSRC	50.0%	U.S. Department of Agriculture	Partnership for Pharmaceutical and Economic Development of Wild Lebanese Plants	9/15/2005 to 9/14/2006	\$464,599	\$42,144	\$464,599	\$42,144
Co1	Goldman, Stephen	PSRC	50.0%							
PI	Rudrabhatla, Sairam	PSRC	50.0%	Ohio Plant Biotechnology Consortium	Engineering of the Cereal Plastid Genomes: Developing Plastid Transformation Protocols for Rice and Maize for Incorporation of Value Added Traits	7/1/2005 to 6/30/2006	\$40,000	\$0	\$40,000	\$0
Co1	Goldman, Stephen	PSRC	50.0%							

Sum of Department/Center Award Credit for Plant Science Research Center = 2

\$504,599	\$42,144
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### Student Medical Center

PI	Wasielewski, Norine	STDM	100.0%	Ohio Department of Alcohol and Drug Addiction Services, with funding from DHHS	High Risk Drinking Grant	7/1/2006 to 6/30/2007	\$25,000	\$0	\$25,000	\$0
PI	Wasielewski, Norine	STDM	100.0%	Ohio Department of Alcohol and Drug Addiction Services, with funding from DHHS	High Risk Drinking Grant	7/1/2005 to 6/30/2006	\$25,000	\$0	\$25,000	\$0

Sum of Department/Center Award Credit for Student Medical Center = 2

\$50,000	\$0
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### University Police

PI	Dauer, John	UPOL	100.0%	Lucas County Family and Children First Council, with funding from CEDICO	Health Boundaries: A Dating Abuse Prevention Curriculum	8/29/2005 to 8/28/2006	\$1,000	\$91	\$1,000	\$91
Co1	Baskin, Tressa	UPOL	0.0%							

Sum of Department/Center Award Credit for University Police = 1

\$1,000	\$91
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<i>Role</i>	<i>Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
<b>Urban Affairs Center</b>										
PI	Czerniak, Charlene	CURI	100.0%	U.S. Department of Education	UToledo, UTeach, UTouch the Future (UT3)	10/1/2005 to 9/30/2006	\$1,282,713	\$70,726	\$0	\$0
Co1	Weber, William	CURI	0.0%							
Co2	Schneider, Rebecca	CURI	0.0%							
Co3	Templin, Mark	CURI	0.0%							
Co4	Thomas, William	MATH	0.0%							
Co5	Dubrul, Ernest	BIOL	0.0%							
Co6	Nadarajah, Arunan	CHME	0.0%							
Co7	Cooks, Helen	AEPS	0.0%							
Co8	Bopp, Bernard	PHYS	0.0%							
Co9	McGuire, Patrick	URB	0.0%							
C10	Teclehaimanot, Berhan	CURI	0.0%							
C11	Duran, Emilio	BIOL	0.0%							
PI	Kozlowski, Paul	FIBE	50.0%	City of Toledo	Tax Revenue Projections for the City of Toledo	10/15/2005 to 2/15/2006	\$4,600	\$418	\$2,300	\$209
Co1	Reid, Neil	URB	50.0%							
PI	Reid, Neil	URB	100.0%	Lucas Metropolitan Housing Association	HUD Neighborhood Networks	7/1/2005 to 5/15/2007	\$47,865	\$0	\$47,865	\$0
PI	Reid, Neil	URB	100.0%	Ohio Board of Regents	Urban Affairs Center 2006 Program Plan	7/1/2005 to 6/30/2006	\$160,500	\$0	\$160,500	\$0
PI	Reid, Neil	URB	100.0%	Ohio Board of Regents	Economic Development Research Collaborative	7/1/2005 to 6/30/2006	\$139,777	\$0	\$139,777	\$0
PI	McGuire, Patrick	URB	100.0%	Bowling Green State University, with funding from USDOED	Midwest Educational Research Consortium: East Toledo Gear-Up Project	9/15/2004 to 9/14/2005	\$139,516	\$10,335	\$139,516	\$10,335
Co1	Fox, Christine	FDED	0.0%							
Co2	Hamer, Lynne	FDED	0.0%							
Co3	Beltyukova, Svetlana	FDED	0.0%							

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<i>Role Researcher(s)</i>	<i>Dept.</i>	<i>Credit</i>	<i>Sponsor</i>	<i>Project Title</i>	<i>Project Period</i>	<i>Total Sponsor Award</i>	<i>Sponsor F+A**</i>	<i>Dept Share of Spons. Awd</i>	<i>Dept Share F+A**</i>
Sum of Department/Center Award Credit for Urban Affairs Center = 4.5								\$489,958	\$10,544
<b>Sum of College Award Credit for Other = 21</b>								\$3,472,372	\$320,642
<b>Grand Tota Grand Sum of Award Credit = 403</b>								\$35,208,823	\$5,462,929

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