

The University of Toledo Office of Research

Detail of Awards According to Academic Department

Start FY: 2003
End FY: 2003

Start Date: 7/1/2002
End Date: 6/30/2003

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
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The College of Arts and Sciences

Department of Art

11100	Guip, David	PI	Crayola Dream-Makers Program	Binney and Smith, Inc.	\$2,500	\$0	\$0	\$0	\$2,500
11307	Rizk, Mysoon Emonds, Friederike Lipman, Joel Gerstein, Marc	PI Co1 Co2 Co3	Beyond Boundaries: A Weekend with the Bareiss Collection	Arts Commission of Greater Toledo	\$1,348	\$0	\$0	\$25,915	\$27,263

Summary for Department of Art (2 awards)

Sum					\$3,848	\$0	\$0	\$25,915	\$29,763
Percent					0.01%	0.00%	0.00%	0.20%	0.07%

Department of Biological Sciences

10833	Ashburner, Brian	PI	Oncogenic Ras/p38 Regulation of NF-kappaB through the CBP Coactivator	American Cancer Society, Ohio Division	\$10,000	\$1,000	\$0	\$15,638	\$25,638
11334	Dong, Fan	PI	Negative Regulation of Signal Transduction by G-CSF	National Cancer Institute	\$182,612	\$54,012	\$0	\$0	\$182,612

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11753	Dong, Fan	PI	Negative Regulation of Signal Transduction by G-CSF - Year 2	National Cancer Institute	\$194,634	\$57,568	\$0	\$0	\$194,634
11372	Duran, Emilio	PI	2003 Ohio Junior Sciences and Humanities Symposium	Academy of Applied Science	\$20,000	\$0	\$2,000	\$34,594	\$56,594
10636	Gray, John	PI	Gene Discovery in Corn by Activation Tagging	Ohio Plant Biotechnology Consortium	\$25,193	\$0	\$0	\$17,257	\$42,450
11292	Komuniecki, Patricia	PI	Confocal Microscope - Instrumentation Support	Ohio Board of Regents	\$314,460	\$0	\$0	\$0	\$314,460
11323	Komuniecki, Richard Komuniecki, Patricia	PI Co1	Regulation of Pharyngeal Pumping in Parasitic Nematodes	National Institutes of Health	\$183,879	\$59,143	\$0	\$79,792	\$263,671
11324	Komuniecki, Richard Komuniecki, Patricia	PI Co1	Volatile Acid Formation in Parasitic Helminths	National Institutes of Health	\$149,708	\$46,092	\$0	\$114,286	\$263,994
11561	Leaman, Douglas	PI	Molecular Mediators of Interferon-induced Apoptosis	National Institutes of Health	\$159,750	\$47,250	\$0	\$60,780	\$220,530
11412	Leaman, Douglas	PI	Identification of Nit Proteins by 2-D Gel Electrophoresis	St. Vincent-Mercy	\$2,497	\$227	\$0	\$0	\$2,497
11117	Shemshedini, Lirim	PI	Isolation of Repressors of the Androgen Receptor	Ohio Cancer Research Associates	\$25,000	\$2,273	\$0	\$8,078	\$33,078
11646	Vestal, Deborah Quinn, Anthony McInerney, Marcia VonGraffenstein, Herm	PI Co1 Co2 Co3	Role of IFN- γ in the Development and Progression of Type I Diabetes	Ohio Board of Regents	\$50,000	\$0	\$0	\$0	\$50,000
11664	Vestal, Deborah	PI	Equipment	Ohio Board of Regents	\$78,534	\$0	\$0	\$0	\$78,534
11242	Vestal, Deborah	PI	Role of mGBP-2 Interferon Responses	American Cancer Society	\$193,240	\$32,207	\$0	\$67,948	\$261,188
<i>Summary for Department of Biological Sciences (14 awards)</i>									
Sum					\$1,589,507	\$299,772	\$2,000	\$398,373	\$1,989,880
Percent					5.82%	7.82%	0.19%	3.08%	4.82%

Department of Chemistry

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11405	Funk, Max	PI	Lipoxygenase Catalysis and Lipid Metabolism	National Institutes of Health	\$237,140	\$70,140	\$0	\$45,474	\$282,614
11018	Giolando, Dean	PI	Spray Solution Precursors for Thin Films	Engineering Glass Products	\$36,000	\$10,648	\$0	\$25,833	\$61,833
11161	Giolando, Dean	PI	Organometallic Precursors for Indium Tin Oxide and Other CVD Materials	Libbey-Owens-Ford	\$94,999	\$28,099	\$0	\$24,353	\$119,352
10537	Kim, Yong-Wah	PI	Ohio NMR Consortium	Ohio State University	\$193,000	\$0	\$0	\$310,847	\$503,847
11023	Kirchhoff, Jon Hudson, Richard	PI Co1	New Methods for Evaluating Cholinergic Toxicity	National Institutes of Health	\$142,000	\$42,000	\$0	\$169,429	\$311,429
11449	Mueser, Timothy	PI	Crystallographic Studies of the Crenarchaeal Aeropyrum Pernix Flap Endonuclease 1 (FEN-1)	Ohio American Heart Association	\$18,000	\$0	\$0	\$13,411	\$31,411
11152	Pinkerton, Alan	PI	Advanced Crystallographic Study of Energetic Materials	Office of Naval Research	\$25,000	\$7,394	\$0	\$0	\$25,000
11462	Pinkerton, Alan	PI	Energetic Materials - An Advanced Crystallographic Study	Office of Naval Research	\$100,173	\$27,854	\$0	\$28,022	\$128,195
11409	Stasko, Daniel	PI	Protonated Arene Salts as Solid Proton Conducting Electrolytes	Defense Advanced Research Projects Agency	\$98,094	\$29,014	\$0	\$0	\$98,094

Summary for Department of Chemistry (9 awards)

Sum					\$944,406	\$215,149	\$0	\$617,369	\$1,561,775
Percent					3.46%	5.61%	0.00%	4.78%	3.78%

Department of Earth, Ecological and Environmental Sciences

10578	Chen, Jiquan Moorhead, Daryl	PI Co1	Carbon Flux and Storage in Mixed Oak Forests of the Ozark Landscape	Missouri Department of Conservation	\$39,907	\$0	\$0	\$31,603	\$71,510
11109	Chen, Jiquan	PI	Coherent Relationships Between Ecosystem Processes and Patch Mosaics in TEF - Amendment	U.S. Department of Agriculture	\$73,594	\$0	\$0	\$30,909	\$104,503
11186	Chen, Jiquan Brosofske, Kimberly	PI Co1	Carbon Exchange and Cumulative NEP of Disturbed Land Mosaics	National Science Foundation	\$163,970	\$32,687	\$0	\$14,981	\$178,951

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11758	Chen, Jiquan Brosofske, Kimberly	PI Co1	Carbon Exchange and Cumulative NEP of Disturbed Land Mosaics	National Science Foundation	\$170,000	\$34,150	\$0	\$16,479	\$186,479
11443	Dwyer, Daryl	PI	Identification of Proximate Sources of Fecal Contamination to Maumee Bay by Determining Concentrations and Survival Characteristics of Escherichia Coli in Sediments	Toledo Metropolitan Area Council of Governments	\$141,414	\$12,856	\$0	\$63,134	\$204,548
10827	Dwyer, Daryl	PI	Phytoremediation Plant Research	Ohio State University Research Foundation	\$124,999	\$0	\$0	\$68,386	\$193,385
11212	Goldman, Stephen	PI	Enhancing Greenhouse Soilless Culture Production with Improved Disease and Pest Management	U.S. Department of Agriculture	\$803,000	\$73,000	\$0	\$0	\$803,000
11440	Goldman, Stephen	PI	A Partnership for Pharmaceutical and Economic Development of Wild Lebanese Plants	U.S. Department of Agriculture	\$221,767	\$13,630	\$0	\$46,367	\$268,134
11692	Goldman, Stephen	PI	Enhancing Greenhouse Soilless Culture Production with Improved Disease and Pest Management	U.S. Department of Agriculture	\$524,909	\$47,719	\$0	\$711,000	\$1,235,909
11112	Goldman, Stephen	PI	A Partnership for Pharmaceutical and Economic Development of Wild Lebanese Plants	U.S. Department of Agriculture	\$91,062	\$0	\$0	\$33,306	\$124,368
11578	Goldman, Stephen Rudrabhatla, Sairam	PI Co1	A Partnership for Pharmaceutical and Economic Development of Wild Lebanese Plants	U.S. Department of Agriculture	\$464,958	\$28,955	\$0	\$62,876	\$527,834
10792	Goldman, Stephen Rudrabhatla, Sairam	PI Co1	Genetic Transformation of Sorghum	U.S. Department of Agriculture	\$93,600	\$11,864	\$0	\$32,251	\$125,851
11439	Goldman, Stephen	PI	A Partnership for Pharmaceutical and Economic Development of Wild Lebanese Plants	U.S. Department of Agriculture	\$236,873	\$19,260	\$0	\$42,807	\$279,680
10675	Gottgens, Johan Sponberg, Alison	PI Co1	Dam Removal in the Ottawa River, Ohio: A Feasibility Study Needed for Comprehensive Regional Planning	Ohio Department of Natural Resources	\$39,990	\$5,911	\$20,884	\$26,641	\$87,515
10678	Krantz, David	PI	Quaternary Geologic History and Surficial Geology of the Snow Hill, Maryland, 1:24,000 Quadrangle	U.S. Geological Survey	\$10,000	\$1,525	\$0	\$30,367	\$40,367

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11754	Moorhead, Daryl	PI	The Role of Natural Legacy on Ecosystem Structure and Function in a Polar Desert	Ohio State University Research Foundation	\$48,024	\$11,435	\$0	\$11,517	\$59,541
10520	Neher, Deborah	PI	Effects of Altered Temperature and Precipitation on Soil Bacterial and Microfaunal Communities as Mediated by Biological Soil Crusts	U.S. Department of Energy	\$189,367	\$54,912	\$0	\$67,328	\$256,695
10794	Neher, Deborah	PI	Impact of Coleopteran-Active BT Corn on Non-Target Soil Micro-Faunal Communities	U.S. Department of Agriculture	\$215,906	\$41,021	\$0	\$57,082	\$272,988
11089	Sinsabaugh, Robert	PI	Sedimentation and Emergent Plant Decay in Great Lakes Coastal Wetlands	Michigan Sea Grant	\$42,079	\$11,091	\$0	\$21,718	\$63,797
11422	Spongberg, Alison Czajkowski, Kevin	PI Co1	Earth System Science Concepts Distance Learning Course for In-service Teachers	Ohio Board of Regents	\$57,489	\$280	\$9,845	\$11,872	\$79,206

Summary for Department of Earth, Ecological and Environmental Sciences (20 awards)

Sum					\$3,752,908	\$400,296	\$30,729	\$1,380,624	\$5,164,261
Percent					13.75%	10.44%	2.92%	10.69%	12.51%

Department of Economics

11402	Lesage, James McGuire, Patrick	PI Co1	A Proposal for ES-202 Cleaning, Estimation, and Application	Cleveland State University	\$5,000	\$0	\$0	\$7,763	\$12,763
10656	Lesage, James McGuire, Patrick	PI Co1	Proposal for ES-202 Data Cleaning	Cleveland State University	\$5,000	\$0	\$0	\$10,170	\$15,170
11219	Yurgin, Nicole	PI	Analyses of the Direct and Indirect Cost Associated with Depressive Disorder and the Medical Cost Associated with Anxiety Disorders	Eli Lilly Company	\$71,721	\$21,213	\$0	\$0	\$71,721

Summary for Department of Economics (3 awards)

Sum					\$81,721	\$21,213	\$0	\$17,933	\$99,654
Percent					0.30%	0.55%	0.00%	0.14%	0.24%

Department of Foreign Languages

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11655	Varela, Antonio	PI	Japanese Language School of Toledo	Japanese School of Toledo	\$802	\$0	\$802	\$592	\$2,196
<i>Summary for Department of Foreign Languages (1 award)</i>									
Sum					\$802	\$0	\$802	\$592	\$2,196
Percent					0.00%	0.00%	0.08%	0.00%	0.01%

Department of Geography and Planning

11287	Attoh, Samuel	PI	Geographic Information Systems and Remote Sensing - Faculty Support	Ohio Board of Regents	\$130,759	\$0	\$0	\$0	\$130,759
11327	Attoh, Samuel	PI	Developing Methodologies to Assess Natural Resource and Socioeconomic Data for use in Community Planning Decision Making: A Cooperative Agreement between GEPL and the USDA - Supplement	U.S. Department of Agriculture	\$35,000	\$0	\$0	\$0	\$35,000
10850	Czajkowski, Kevin Lawrence, Patrick	PI Co1	Dissemination of Remote Sensing Technology in Northwest Ohio through Educational and Community Outreach	Ohio Aerospace Institute	\$119,501	\$32,698	\$0	\$1,890	\$121,391
11336	Czajkowski, Kevin Spongberg, Alison	PI Co1	An Integrated Assessment of Physical, Ecological, and Socio-economic Aspects of a Watershed System	National Science Foundation	\$61,511	\$7,500	\$0	\$9,925	\$71,436
11245	Czajkowski, Kevin Lawrence, Patrick	PI Co1	Use of Remote Sensing for Auglaize River Sediment Monitoring	U.S. Army Corps of Engineers	\$77,000	\$22,775	\$0	\$19,079	\$96,079
10854	Czajkowski, Kevin Spongberg, Alison Templin, Mark	PI Co1 Co2	Energy and Earth Systems: GLOBE Protocol Research and Outreach	National Science Foundation	\$56,675	\$16,763	\$0	\$15,879	\$72,554
11522	Czajkowski, Kevin	PI	GIS (Geographic Information System) Septic System Inventory for Urban and Rural Counties: Internship	Toledo Metropolitan Area Council of Governments	\$18,563	\$0	\$0	\$21,143	\$39,706
<i>Summary for Department of Geography and Planning (7 awards)</i>									
Sum					\$499,009	\$79,736	\$0	\$67,916	\$566,925
Percent					1.83%	2.08%	0.00%	0.53%	1.37%

Department of Mathematics

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11360	Rhoda, Karen	PI	Development of Six Distance Learning Formatted OnLine Mathematics and Science Education Courses	Wright State University	\$64,999	\$0	\$0	\$40,361	\$105,360
10588	White, Donald	PI	Concentration-Time-Effect Modeling of Agent Combinations	Health Research, Inc.	\$3,793	\$783	\$0	\$0	\$3,793
10580	Zhang, Biao	PI	A Semiparametric Approach to Finite Mixture Models	National Security Agency	\$13,000	\$1,696	\$0	\$0	\$13,000
12196	Zhang, Biao	PI	A Semiparametric Approach to Finite Mixture Models	National Security Agency	\$13,000	\$1,696	\$0	\$0	\$13,000
<i>Summary for Department of Mathematics (4 awards)</i>									
Sum					\$94,792	\$4,175	\$0	\$40,361	\$135,153
Percent					0.35%	0.11%	0.00%	0.31%	0.33%

Department of Physics and Astronomy

10790	Amar, Jacques	PI	ITR: Simulating Extended Time and Length Scales Using Parallel Kinetic Monte Carlo and Parallel Accelerated Dynamics	National Science Foundation	\$300,000	\$88,732	\$0	\$71,836	\$371,836
11286	Bjorkman, Jon	PI	Astrophysics - Faculty Support	Ohio Board of Regents	\$137,431	\$0	\$0	\$0	\$137,431
11241	Bjorkman, Jon	PI	The Temperature and Ionization Structure of Non-Spherical Circumstellar Envelopes	National Science Foundation	\$93,521	\$27,661	\$0	\$2,929	\$96,450
11363	Bjorkman, Jon	PI	Monte Carlo NLTE Radiation Transfer in Circumstellar Disks	National Science Foundation	\$129,518	\$37,598	\$0	\$17,053	\$146,571
11562	Bjorkman, Karen	PI	Circumstellar Environments of High- and Intermediate-Mass Stars: From the Pre-Main-Sequence to LBV's - LTSA 98	NASA Goddard Space Flight Center	\$102,326	\$25,393	\$0	\$102,326	\$204,652
11497	Bjorkman, Karen	PI	Effects of Age and Metallicity on Be Circumstellar Disks	NASA Headquarters	\$24,000	\$0	\$0	\$13,712	\$37,712
11154	Compaan, Alvin Deng, Xunming Karpov, Victor Giolando, Dean	PI Co1 Co2 Co3	Flexible and Light-Weight Thin-Film Solar Cells Based on a-Si and CdTe	Air Force Research Lab-Kirtland	\$847,546	\$126,742	\$0	\$376,755	\$1,224,301

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11151	Compaan, Alvin Karpov, Victor Bohn, Randy Deng, Xunming Giolando, Dean	PI Co1 Co2 Co3 Co4	The Fabrication and Physics of High Efficiency Cadmium-Telluride Thin-Film Solar Cells	National Renewable Energy Laboratory	\$62,000	\$18,352	\$0	\$137,040	\$199,040
11466	Compaan, Alvin Bohn, Randy Deng, Xunming Giolando, Dean Karpov, Victor	PI Co1 Co2 Co3 Co4	The Fabrication and Physics of High Efficiency Cadmium-Telluride Thin-Film Solar Cells	National Renewable Energy Laboratory	\$62,000	\$18,338	\$0	\$0	\$62,000
11565	Compaan, Alvin Karpov, Victor Bohn, Randy Deng, Xunming Giolando, Dean	PI Co1 Co2 Co3 Co4	The Fabrication and Physics of High Efficiency Cadmium-Telluride Thin-Film Solar Cells	National Renewable Energy Laboratory	\$132,628	\$39,228	\$0	\$0	\$132,628
11168	Compaan, Alvin Giolando, Dean	PI Co1	Top Cell Structures for Tandem Modules	First Solar, LLC	\$99,414	\$20,514	\$0	\$18,243	\$117,657
11566	Deng, Xunming Compaan, Alvin Karpov, Victor	PI Co1 Co2	High Efficiency and High-Rate Deposited Amorphous Silicon-Based Solar Cells	National Renewable Energy Laboratory	\$55,875	\$16,483	\$0	\$0	\$55,875
11774	Deng, Xunming	PI	Transparent and Corrosion-resistant Coatings for Solar Cells	General Motors	\$19,999	\$5,915	\$0	\$0	\$19,999
11764	Deng, Xunming	PI	Fabrication of a-Si tanden solar cells	U Hawaii-Manoa, Hawaii Natural Energy Institute	\$2,000	\$0	\$0	\$0	\$2,000
11153	Deng, Xunming Compaan, Alvin Karpov, Victor	PI Co1 Co2	High Efficiency and High-Rate Deposited Amorphous Silicon-Based Solar Cells	National Renewable Energy Laboratory	\$111,125	\$32,782	\$0	\$82,060	\$193,185
11687	Deng, Xunming Compaan, Alvin Karpov, Victor	PI Co1 Co2	High Efficiency and High-Rate Deposited Amorphous Silicon-Based Solar Cells	National Renewable Energy Laboratory	\$106,000	\$44,520	\$0	\$0	\$106,000
11179	Deng, Xunming	PI	Triple-junction a-Si Solar Cells and Transparent Oxide Coatings for Photoelectrolysis of Water by Sunlight	General Motors	\$40,000	\$11,831	\$0	\$0	\$40,000

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11425	Federman, Steven	PI	Oscillator Strengths for Ultraviolet Atomic and Molecular Transitions	NASA Goddard Space Flight Center	\$79,000	\$23,366	\$0	\$41,612	\$120,612
10553	Gao, Bo	PI	Theory and Applications of Cold-Atom Collisions	National Science Foundation	\$40,000	\$11,831	\$0	\$21,263	\$61,263
11684	James, Philip	PI	Condensates and Dust in the Polar Regions of Mars: MOC Wide Angle Data	NASA Goddard Space Flight Center	\$73,233	\$21,660	\$0	\$35,256	\$108,489
11224	James, Philip	PI	OH Prompt Emission in Comets	NASA Goddard Space Flight Center	\$26,381	\$0	\$0	\$22,608	\$48,989
10824	James, Philip	PI	Ozone, Condensates, and Dust in the Martian Atmosphere	Space Telescope Science Institute	\$24,324	\$7,194	\$0	\$22,643	\$46,967
11279	James, Philip	PI	MARCI / CTX	Malin Space Science System	\$42,975	\$8,352	\$0	\$32,877	\$75,852
11709	Karpov, Victor Shvydka, Diana	PI Co1	Nonuniformity Loss In Photovoltaics	First Solar, LLC	\$38,594	\$11,415	\$0	\$21,703	\$60,297
11458	Kvale, Thomas Lee, Scott	PI Co1	Research Experiences for Undergraduates in Physics and Astronomy	National Science Foundation	\$59,873	\$0	\$0	\$26,579	\$86,452
10209	Morrison, Nancy	PI	The Stellar Wind of Deneb (Alpha Cygni, A2 la)	NASA Goddard Space Flight Center	\$23,700	\$5,529	\$0	\$5,182	\$28,882
10661	Morrison, Nancy Mak, Alexander	PI Co1	Hands-On Astronomy for Teachers	NASA Goddard Space Flight Center	\$14,441	\$1,884	\$0	\$35,331	\$49,772
11391	Morrison, Nancy Bjorkman, Karen	PI Co1	A High-Performance CCD Camera for Ritter Observatory	American Astronomical Society	\$7,000	\$0	\$0	\$5,200	\$12,200
11555	Witt, Adolf	PI	Interstellar Dust in Galaxies	NASA Goddard Space Flight Center	\$99,704	\$25,050	\$0	\$51,258	\$150,962
11090	Witt, Adolf	PI	International Symposium on Astrophysics of Dust	NASA Goddard Space Flight Center	\$15,000	\$0	\$0	\$0	\$15,000
10662	Witt, Adolf	PI	Spectroscopy and Photometry of the Intergalactic Medium's Diffuse Radiation (SPIDR) Mission	Boston University	\$30,291	\$8,959	\$0	\$14,842	\$45,133
11140	Witt, Adolf	PI	International Symposium on Astrophysics of Dust	National Science Foundation	\$10,000	\$0	\$0	\$4,200	\$14,200

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<i>Summary for Department of Physics and Astronomy (32 awards)</i>									
Sum					\$2,909,899	\$639,329	\$0	\$1,162,508	\$4,072,407
Percent					10.66%	16.67%	0.00%	9.00%	9.87%

Department of Political Science and Public Administration

11593	Bachelor, Lynn	PI	Longitudinal Study of Impacts of Early Intervention Services: Phase 2	Lucas County Board of Mental Retardation & Developmental Disabilities	\$4,404	\$400	\$0	\$5,758	\$10,162
10613	Denham, Mark Weisfelder, Richard	PI Co1	Regional Cooperation in Southern Africa	U.S. Department of Education	\$66,000	\$0	\$13,300	\$58,147	\$137,447
11479	Ubokudom, Sunday	PI	Graduate Student Internship Agreement	Association for Children for Enforcement of Support (ACES)	\$5,784	\$0	\$0	\$12,764	\$18,548

Summary for Department of Political Science and Public Administration (3 awards)

Sum					\$76,188	\$400	\$13,300	\$76,669	\$166,157
Percent					0.28%	0.01%	1.26%	0.59%	0.40%

Department of Psychology

11176	Bullock, Wesley	PI	Community Externship Program	Unison Behavioral Health	\$4,636	\$0	\$0	\$18,015	\$22,651
11177	Bullock, Wesley	PI	Community Externship Program	Unison Behavioral Health	\$4,636	\$0	\$0	\$18,015	\$22,651
11201	Bullock, Wesley	PI	Recovery and Psychopathy in a Juvenile Detention Center	Ohio Department of Mental Health	\$1,540	\$140	\$0	\$0	\$1,540
11098	Bullock, Wesley	PI	Community Externship Program	Harbor Behavioral Health Care	\$11,500	\$0	\$0	\$22,133	\$33,633
11097	Bullock, Wesley	PI	Community Externship Program	Unison Behavioral Health	\$1,019	\$0	\$0	\$6,930	\$7,949
11200	Elliott, Robert	PI	Community Externship Program	Central Behavioral Health Care	\$4,636	\$0	\$0	\$22,507	\$27,143

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10921	Haaf, Robert Smith, Peggy Seligman, Laura	PI Co1 Co2	ABC Project (Arts Bridging Culture)	Ottawa Coalition	\$171,811	\$0	\$0	\$259,790	\$431,601
11116	Heffner, Henry	PI	Central Mechanisms Related to Tinnitus	Wayne State University	\$117,558	\$28,753	\$0	\$23,006	\$140,564
11182	Jasper, John Christman, Stephen	PI Co1	Handedness Differences in Belief Updating	National Science Foundation	\$49,822	\$14,736	\$0	\$0	\$49,822
11049	Tiamiyu, Mojisola	PI	Development & Implementation of the STAR Mentee Program	Center for Healthy Communities	\$2,000	\$0	\$0	\$840	\$2,840

Summary for Department of Psychology (10 awards)

Sum					\$369,158	\$43,629	\$0	\$371,236	\$740,394
Percent					1.35%	1.14%	0.00%	2.87%	1.79%

Department of Sociology, Anthropology, and Social Work

11609	Patterson, Rubin	PI	Perspectives on Global Development and Technology	Brill Academic Publishers	\$7,500	\$0	\$0	\$5,375	\$12,875
11610	Patterson, Rubin	PI	Perspectives on Global Development and Technology	Brill Academic Publishers	\$6,000	\$0	\$0	\$5,350	\$11,350
11384	Stoecker, Randy	PI	Lagrange Weed and Seed Evaluation	Lagrange Development Corporation	\$25,000	\$7,394	\$0	\$10,335	\$35,335

Summary for Department of Sociology, Anthropology, and Social Work (3 awards)

Sum					\$38,500	\$7,394	\$0	\$21,060	\$59,560
Percent					0.14%	0.19%	0.00%	0.16%	0.14%

Department of Women's & Gender Studies

11246	Murphy, Patricia	PI	Disability History Archive Project	Ohio Humanities Council	\$2,420	\$0	\$0	\$35,417	\$37,837
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Summary for Department of Women's & Gender Studies (1 award)

Sum					\$2,420	\$0	\$0	\$35,417	\$37,837
Percent					0.01%	0.00%	0.00%	0.27%	0.09%

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
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Lake Erie Soil and Water Research and Education Center

11494	Sinsabaugh, Robert	PI	DOC Processing Along Hyporheic Flow Paths	The Institute of Ecosystem Studies	\$30,000	\$8,873	\$0	\$0	\$30,000
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Summary for Lake Erie Soil and Water Research and Education Center (1 award)

Sum					\$30,000	\$8,873	\$0	\$0	\$30,000
Percent					0.11%	0.23%	0.00%	0.00%	0.07%

The Writing Center

11732	Mullin, Joan	PI	Ohio WINS : Writing Institute Network for Success	Ohio Board of Regents	\$25,000	\$0	\$0	\$2,100	\$27,100
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11173	Mullin, Joan	PI	Improving Writing Proficiency	Ohio Board of Regents	\$8,608	\$410	\$11,400	\$19,652	\$39,660
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Summary for The Writing Center (2 awards)

Sum					\$33,608	\$410	\$11,400	\$21,752	\$66,760
Percent					0.12%	0.01%	1.08%	0.17%	0.16%

Number of Awards for The College of Arts and Sciences = 112

Sum					\$10,426,766	\$1,720,376	\$58,231	\$4,237,725	\$14,722,722
Percent					38.19%	44.86%	5.54%	32.80%	35.67%

The College of Business Administration

Administration, College of Business Administration

11120	Vonderembse, Mark	PI	Strategies and Innovative Procedures for Dynamic Partnering in the Forging Supply Chain	Advanced Technology Institute	\$29,000	\$8,577	\$0	\$30,593	\$59,593
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<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
<i>Summary for Administration, College of Business Administration (1 award)</i>									
Sum					\$29,000	\$8,577	\$0	\$30,593	\$59,593
Percent					0.11%	0.22%	0.00%	0.24%	0.14%

Department of Management

11467	Vonderembse, Mark	PI	Strategies and Innovative Procedures for Dynamic Partnering in the Forging Supply Chain	Advanced Technology Institute	\$41,200	\$12,186	\$0	\$5,167	\$46,367
<i>Summary for Department of Management (1 award)</i>									
Sum					\$41,200	\$12,186	\$0	\$5,167	\$46,367
Percent					0.15%	0.32%	0.00%	0.04%	0.11%

Finance and Business Economics

11545	Kozlowski, Paul	PI	Payroll Tax Revenue Projection for the City of Toledo 2002-2003	City of Toledo	\$3,880	\$353	\$0	\$36,218	\$40,098
<i>Summary for Finance and Business Economics (1 award)</i>									
Sum					\$3,880	\$353	\$0	\$36,218	\$40,098
Percent					0.01%	0.01%	0.00%	0.28%	0.10%

Northwest Ohio Center for Labor-Management Cooperation

10666	Fitts, Martin	PI	Toledo Labor-Management-Citizens Committee	City of Toledo	\$143,400	\$7,108	\$0	\$50,134	\$193,534
11461	Fitts, Martin	PI	Toledo Labor-Management Citizens Committee	City of Toledo	\$143,400	\$7,108	\$0	\$0	\$143,400
10990	Simon, Sandra	PI	Northwest Ohio Center for Labor-Management Cooperation	Ohio Department of Development	\$97,000	\$7,185	\$0	\$0	\$97,000
<i>Summary for Northwest Ohio Center for Labor-Management Cooperation (3 awards)</i>									
Sum					\$383,800	\$21,401	\$0	\$50,134	\$433,934
Percent					1.41%	0.56%	0.00%	0.39%	1.05%

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
<i>Number of Awards for The College of Business Administration = 6</i>									
Sum					\$457,880	\$42,517	\$0	\$122,112	\$579,992
Percent					1.68%	1.11%	0.00%	0.95%	1.41%

The College of Education

Administration, College of Education

11226	Gray, William	PI	Community College Presidential Fellowship- Terra State Community College	Terra State Community College	\$10,190	\$0	\$0	\$31,397	\$41,587
11225	Gray, William	PI	Community College Presidential Fellowship- Lorain County Community College	Lorain County Community College	\$10,190	\$0	\$0	\$31,397	\$41,587
11228	Gray, William	PI	Community College Presidential Fellowship- Owens Community College	Owens Community College	\$8,356	\$0	\$0	\$15,601	\$23,957
11227	Gray, William	PI	Community College Presidential Fellowship- Northwest State Community College	Northwest State Community College	\$10,190	\$0	\$0	\$31,397	\$41,587
11447	Switzer, Thomas Allan, Nancy	PI Co1	Para To Teacher	Toledo Public Schools	\$46,000	\$0	\$0	\$20,000	\$66,000

Summary for Administration, College of Education (5 awards)

Sum					\$84,926	\$0	\$0	\$129,792	\$214,718
Percent					0.31%	0.00%	0.00%	1.00%	0.52%

Department of Curriculum and Instruction

11426	Czerniak, Charlene Dubrul, Ernest	PI Co1	TAPESTRIES Online	Ohio Board of Regents	\$23,233	\$1,721	\$51,714	\$10,674	\$85,621
10852	Czerniak, Charlene	PI	Journal of Science Teacher Education	Association for the Education of Teachers of Science	\$11,400	\$0	\$0	\$180,006	\$191,406
11054	Hubaker, Paul Hufford, David	PI Co1	Capacity-Building Faculty Support Grant	Ohio Department of Education	\$85,000	\$0	\$0	\$66,252	\$151,252

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11762	Natsoulas, Anthula	PI	Northwest Ohio University Partnership/Urban Initiative	Martha Holden Jennings Foundation	\$345,000	\$0	\$0	\$212,120	\$557,120
11345	Natsoulas, Anthula	PI	Jennings Partnership/Urban Initiative	Martha Holden Jennings Foundation	\$345,000	\$0	\$0	\$178,557	\$523,557
11344	Natsoulas, Anthula	PI	Jennings Partnership/Urban Initiative	Martha Holden Jennings Foundation	\$345,000	\$0	\$0	\$91,310	\$436,310
11276	Patberg, Judythe Carr, Eileen	PI Co1	Literacy Specialist Project	Ohio Department of Education	\$75,000	\$5,556	\$0	\$23,611	\$98,611
11417	Sandmann, Alexa	PI	Toledo Area Writing Project	University of California-Berkeley National Writing Project	\$35,000	\$0	\$0	\$50,627	\$85,627
11188	Sandmann, Alexa	PI	Toledo Area Writing Project	Toledo Public Schools	\$30,000	\$0	\$0	\$12,600	\$42,600
10428	Schneider, Rebecca	PI	Middle School Science Curriculum Materials: Meeting Standards and Fostering Inquiry through Project-Based Inquiry Science Units	Georgia Institute of Technology	\$76,768	\$22,706	\$0	\$14,525	\$91,293
11223	Teclehaimanot, Berha Cryan, John Benjamin, James	PI Co1 Co2	Teachers' Info-Port to Technology (TIPT)	U.S. Department of Education	\$246,478	\$18,257	\$0	\$313,599	\$560,077
11062	Templin, Mark Czerniak, Charlene Thomas, William	PI Co1 Co2	Northwest Ohio Center of Science and Mathematics Education	Bowling Green State University	\$73,500	\$5,444	\$0	\$216,449	\$289,949
11773	Weber, William Keil, Virginia Allen, Amy	PI Co1 Co2	Supporting National Board Candidates	Ohio Department of Education	\$1,500	\$0	\$0	\$4,751	\$6,251
<i>Summary for Department of Curriculum and Instruction (13 awards)</i>									
Sum					\$1,692,879	\$53,684	\$51,714	\$1,375,081	\$3,119,674
Percent					6.20%	1.40%	4.92%	10.64%	7.56%

Early Childhood, Physical, and Special Education

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11312	Atkins-Burnett, Sally	PI	Early Childhood Longitudinal Study-Baby Cohort: Measures of Socioemotional Development	American Institutes for Research	\$4,666	\$1,380	\$0	\$0	\$4,666
11431	Dinnebeil, Laurie	PI	Personnel Preparation Research and Policy Institute in EI and ECSE	University of Connecticut Health Ctr	\$115,975	\$8,591	\$0	\$52,530	\$168,505
11275	Gray, William	PI	Health South Graduate Assistant	Health South Sports Medicine & Rehabilitation	\$15,000	\$0	\$0	\$21,802	\$36,802
10872	Malakpa, Sakui	PI	The U.T. Post-secondary Education Support Project for Students with Disabilities	U.S. Department of Education	\$98,761	\$6,649	\$0	\$19,742	\$118,503
11021	Malakpa, Sakui	PI	Vision Program at UT State Improvement Grant	Ohio Department of Education	\$25,000	\$1,852	\$0	\$0	\$25,000
10738	McInerney, William Dinnebeil, Laurie	PI Co1	Project ASSURE	U.S. Department of Education	\$275,000	\$6,353	\$0	\$14,982	\$289,982
11240	McInerney, William	PI	Graduate Student Internship with Central Catholic High School	Central Catholic High School	\$15,630	\$0	\$0	\$24,142	\$39,772
11174	Slutsky, Ruslan	PI	Learning Community Implementation Grant	Ohio State University Research Foundation	\$25,000	\$0	\$0	\$29,268	\$54,268
10939	Slutsky, Ruslan	PI	Learning Communities Initiative Grant	Ohio State University Research Foundation	\$3,000	\$0	\$0	\$1,260	\$4,260

Summary for Early Childhood, Physical, and Special Education (9 awards)

Sum					\$578,032	\$24,825	\$0	\$163,726	\$741,758
Percent					2.12%	0.65%	0.00%	1.27%	1.80%

Number of Awards for The College of Education = 27

Sum					\$2,355,837	\$78,509	\$51,714	\$1,668,599	\$4,076,150
Percent					8.63%	2.05%	4.92%	12.92%	9.88%

The College of Engineering

Administration, College of Engineering

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
10889	Poling, Bruce	PI	Co-op for Fall 2002 with City of Toledo	City of Toledo	\$8,891	\$808	\$0	\$0	\$8,891
<i>Summary for Administration, College of Engineering (1 award)</i>									
Sum					\$8,891	\$808	\$0	\$0	\$8,891
Percent					0.03%	0.02%	0.00%	0.00%	0.02%

Department of Bioengineering

11033	Akkus, Ozan Goel, Vijay	PI Co1	Compositional Measures for Diagnosis of Age-Related Skeletal Fracture Risk	The Whitaker Foundation	\$95,324	\$10,688	\$0	\$53,946	\$149,270
11335	Cameron, Brent Relue, Patricia	PI Co1	Polarization Sensitive Autofluorescence Imaging for Potential Skin Cancer Diagnostics	Skin Cancer Foundation	\$10,000	\$0	\$0	\$17,476	\$27,476
11423	Cameron, Brent Goel, Vijay	PI Co1	Finite-Element Modeling of an Artificial Spinal Disc	Theken Surgical, LLC	\$10,000	\$909	\$0	\$27,109	\$37,109
11178	Goel, Vijay	PI	Unrestricted Grant for Cervical Study - BIOE Master Account 571025	Orthovita	\$9,660	\$1,932	\$0	\$0	\$9,660
11436	Goel, Vijay	PI	Biomechanical Comparison of Brantigan Cage & Synthes PEEK PLIF Spacer with and without Instrumentation	Synthes Spine Co	\$25,800	\$4,300	\$0	\$0	\$25,800
11656	Goel, Vijay	PI	Annual Meeting of the American Society of Biomechanics	National Institute on Disability and Rehabilitation Research	\$2,076	\$0	\$0	\$0	\$2,076
11631	Goel, Vijay	PI	Consulting Project to Evaluate the Effect of Several Materials on Bone Strength	Orthovita	\$3,750	\$625	\$0	\$0	\$3,750
11380	Goel, Vijay	PI	Biomechanics of Bio-absorbable Disc	Spine & Orthopedic Surgery Associates	\$10,000	\$10,000	\$0	\$0	\$10,000
11611	Goel, Vijay	PI	Quantification of Residual Motion Across Solid Lumbar Fusion: Finite Element Analysis	DePuy AcroMed, Inc.	\$30,000	\$2,727	\$0	\$37,392	\$67,392
11544	Goel, Vijay	PI	Biomechanics of Ligamentous Spine and Spinal Cord During and Post-Whiplash	Cervical Spine Research Society	\$22,035	\$0	\$0	\$0	\$22,035
11469	Goel, Vijay	PI	Biomechanics of Disc Sealant	Intrinsic Orthopedics Inc	\$15,000	\$2,500	\$0	\$0	\$15,000

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11313	Goel, Vijay	PI	Spine Research Account - EBI	EBI, L.P.	\$25,000	\$0	\$0	\$10,500	\$35,500
11733	Goel, Vijay	PI	Evaluation Of The Effects of Several Materials On Bone Strength	Orthovita	\$5,000	\$833	\$0	\$0	\$5,000
11454	Johnson, Jeffrey	PI	Simulation System for Coordinated Satellite Operation	NASA John H. Glenn Research Center at Lewis Field	\$31,000	\$5,270	\$0	\$44,186	\$75,186
10751	Kapoor, Vik	PI	A Microelectromechanical Loop Heat Pipe	NASA John H. Glenn Research Center at Lewis Field	\$24,000	\$0	\$0	\$9,986	\$33,986
11205	Molitor, Scott	PI	Electrophysiologic Properties of DCN Cartwheel Cells	National Institute on Deafness and Other Communication Disorders	\$71,000	\$21,000	\$0	\$61,466	\$132,466
<i>Summary for Department of Bioengineering (16 awards)</i>									
Sum					\$389,645	\$60,784	\$0	\$262,061	\$651,706
Percent					1.43%	1.58%	0.00%	2.03%	1.58%

Department of Chemical and Environmental Engineering

11218	Abraham, Martin	PI	Support for ECI Conference on "Green Engineering: Defining the Principles"	U.S. Environmental Protection Agency	\$30,160	\$0	\$0	\$5,720	\$35,880
11493	Abraham, Martin	PI	Support for ECI Conference on "Green Engineering"	American Chemical Society	\$5,000	\$0	\$0	\$2,100	\$7,100
11393	Abraham, Martin	PI	Support for ECI Conference on "Green Engineering"	DOE-Los Alamos National Lab	\$10,000	\$0	\$0	\$0	\$10,000
11315	Abraham, Martin	PI	Support for ECI Conference on "Green Engineering"	National Science Foundation	\$35,000	\$0	\$0	\$0	\$35,000
11274	Abraham, Martin Mason, Mark	PI Co1	Catalysis in Confined Spaces	PG Research Foundation	\$5,000	\$0	\$0	\$14,827	\$19,827
11272	Coleman, Maria	PI	Development of Membrane Materials Using Ion Beam Irradiation of Aromatic Polymers	National Science Foundation	\$85,652	\$20,028	\$0	\$52,963	\$138,615
11382	DeWitt, Kenneth	PI	Chemistry of Aviation Fuels	NASA John H. Glenn Research Center at Lewis Field	\$85,598	\$19,760	\$0	\$15,502	\$101,100

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11106	DeWitt, Kenneth Ng, Terry	PI Co1	Computational Fluid Dynamics Related to Phonation	Bowling Green State University	\$49,260	\$14,570	\$0	\$15,502	\$64,762
11271	DeWitt, Kenneth	PI	Ohio Space Grant Consortium Campus Allocation	Ohio Space Grant Consortium	\$4,000	\$0	\$0	\$0	\$4,000
11424	DeWitt, Kenneth	PI	Sulfur Oxidation and Contrail Precursor Chemistry	NASA John H. Glenn Research Center at Lewis Field	\$25,000	\$5,683	\$0	\$15,502	\$40,502
11665	DeWitt, Kenneth	PI	Sulfur Oxidation and Contrail Precursor Chemistry	NASA John H. Glenn Research Center at Lewis Field	\$75,000	\$17,049	\$0	\$0	\$75,000
11298	Escobar, Isabel	PI	The Effects of Different Modes of Coagulation as Pretreatment to Membrane Filtration for Drinking Water Production in Small Systems	University of Illinois	\$50,000	\$14,788	\$0	\$37,349	\$87,349
11600	Escobar, Isabel Pickett, Mark	PI Co1	Special Funding for Engineering for Teachers of Migrant Students	Ohio Department of Education	\$55,000	\$0	\$0	\$0	\$55,000
11559	Escobar, Isabel	PI	Evaluation of Ballasted Sand Foculation and UV Disinfection Technologies for Combined Sewer Overflow	Black & Veatch Ltd. of Ohio	\$34,013	\$7,019	\$0	\$25,656	\$59,669
11048	Kim, Dong-Shik	PI	Enhancement of Biofilm Retention for Optimizing Biofiltration Efficiency	Korea Institute of Science and Technology	\$16,002	\$4,733	\$0	\$10,805	\$26,807
11621	Kim, Dong-Shik	PI	Enzymatic Polymerization of Novel VOC- Free Coating System Using Renewable Resources	Ohio Board of Regents	\$9,500	\$0	\$0	\$0	\$9,500
11761	Lipscomb, Glenn	PI	Operation of NAMS Office	North American Membrane Society	\$46,500	\$0	\$0	\$27,121	\$73,621
11557	Lipscomb, Glenn	PI	REU Supplement Request for NSF Award 0228913	National Science Foundation	\$6,250	\$6,250	\$0	\$850	\$7,100
11723	Schall, Constance DeWitt, Kenneth Pinkerton, Alan	PI Co1 Co3	Optimization of Cryogenic Cooling of Protein Crystals	NASA Marshall Space Flight Center	\$81,000	\$34,020	\$0	\$0	\$81,000
11216	Schall, Constance DeWitt, Kenneth Pinkerton, Alan	PI Co1 Co2	Optimization of Cryogenic Cooling of Protein Crystals	NASA Marshall Space Flight Center	\$75,000	\$22,183	\$0	\$20,218	\$95,218

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
<i>Summary for Department of Chemical and Environmental Engineering (20 awards)</i>									
Sum					\$782,935	\$166,083	\$0	\$244,115	\$1,027,050
Percent					2.87%	4.33%	0.00%	1.89%	2.49%

Department of Civil Engineering

11199	Chou, Eddie	PI	Evaluation of Guidelines for Subgrade Treatment	Ohio Department of Transportation	\$74,668	\$8,781	\$0	\$26,280	\$100,948
11135	Chou, Eddie Heydinger, Andrew	PI Co1	Structural Support of Lime Stabilized Subgrade Used with Flexible Pavements	Ohio Department of Transportation	\$20,423	\$4,498	\$0	\$38,626	\$59,049
11297	Gupta, Jiwan	PI	Traffic Study for TMACOG	Toledo Metropolitan Area Council of Governments	\$5,008	\$5,008	\$0	\$21,407	\$26,415
11608	Gupta, Jiwan	PI	Data Management System for the TMACOG	Toledo Metropolitan Area Council of Governments	\$17,402	\$1,582	\$0	\$16,177	\$33,579
10940	Kumar, Ashok	PI	University of Toledo Pollution Prevention Incentives for States Grant Proposal	U.S. Environmental Protection Agency	\$89,150	\$14,398	\$0	\$58,057	\$147,207
11144	Kumar, Ashok Harrell, James	PI Co1	Radon Web Site	Ohio Department of Health	\$25,000	\$0	\$0	\$46,000	\$71,000
11536	Kumar, Ashok	PI	Organization of Second Annual Symposium for Ohio Air Pollution Researcher Symposium and Maintenance of the Web Site for Ohio Air Pollution Researchers	Ohio Air Quality Development Authority	\$27,111	\$8,019	\$0	\$13,447	\$40,558
11671	Kumar, Ashok	PI	Evaluation of Chemicals in Solar Panels	First Solar, LLC	\$8,278	\$2,448	\$0	\$5,167	\$13,445
11220	Nims, Douglas	PI	Maumee River Crossing Instrumentation - Phase I	HNTB Ohio, Inc.	\$159,634	\$10,116	\$0	\$52,059	\$211,693
10817	Pickett, Mark Morales, Dagmar Cooks, Helen Thomas, William	PI Co1 Co2 Co3	UMECSS-University Math, Engineering, and Computer Science Scholarships	National Science Foundation	\$316,352	\$0	\$0	\$42,302	\$358,654
11303	Pickett, Mark Escobar, Isabel	PI Co1	EXCELling into Engineering and Astronomy-2003	American Society of Civil Engineers	\$3,000	\$0	\$0	\$3,897	\$6,897

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11408	Pickett, Mark Schneider, Rebecca Escobar, Isabel Cooks, Helen Federman, Steven	PI Co1 Co2 Co3 Co4	Using Engineering Activities to Teach Math & Science	Ohio Board of Regents	\$137,757	\$2,597	\$95,368	\$74,115	\$307,240
11038	Pickett, Mark Schneider, Rebecca Nims, Douglas	PI Co1 Co2	BEST: Bridging Engineering and Science Teaching	National Science Foundation	\$99,999	\$29,577	\$0	\$134,508	\$234,507
11635	Randolph, Brian	PI	Co-op Agreement for Summer 2003 with City of Toledo, Dept. of Public Service	City of Toledo	\$7,834	\$712	\$0	\$6,056	\$13,890

Summary for Department of Civil Engineering (14 awards)

Sum					\$991,616	\$87,736	\$95,368	\$538,098	\$1,625,082
Percent					3.63%	2.29%	9.07%	4.16%	3.94%

Department of Electrical Engineering and Computer Science

11209	Ledgard, Henry	PI	Experience with VSE (Visual Software Environment)	Prediction Systems, Inc.	\$27,000	\$0	\$0	\$20,775	\$47,775
11198	Stuart, Thomas	PI	Automatic Blank Lubrication-In-Head Spark Generation	Owens Brockway	\$18,043	\$5,337	\$0	\$32,751	\$50,794

Summary for Department of Electrical Engineering and Computer Science (2 awards)

Sum					\$45,043	\$5,337	\$0	\$53,526	\$98,569
Percent					0.16%	0.14%	0.00%	0.41%	0.24%

Department of Engineering Technology

10842	Fridman, Ella Solarek, Daniel	PI Co1	Technical Workforce Development	University of Cincinnati	\$64,000	\$0	\$0	\$38,351	\$102,351
11139	Kamm, James	PI	Commercialization Demonstration of a Biofuel Feedstock	Public Utilities Commission of Ohio	\$9,993	\$2,062	\$4,000	\$6,476	\$20,469

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
<i>Summary for Department of Engineering Technology (2 awards)</i>									
Sum					\$73,993	\$2,062	\$4,000	\$44,827	\$122,820
Percent					0.27%	0.05%	0.38%	0.35%	0.30%

Department of Mechanical, Industrial, and Manufacturing Engineering

11343	Afjeh, Abdollah Dismukes, John	PI Co1	Distributed Focused Manufacturing for Polymer Nanocomposites	Army Research Office	\$937,000	\$267,972	\$0	\$308,110	\$1,245,110
11430	Bennett, Robert	PI	Waste Analysis and Minimization Project	Lucas County Solid Waste Division	\$311,896	\$51,982	\$0	\$256,037	\$567,933
11215	Fatemi, Ali	PI	Strain-Controlled Deformation & Fatigue Behavior for Aluminum Structural Durability Design & Evaluation	General Motors	\$40,000	\$11,831	\$0	\$25,610	\$65,610
11766	Hefzy, M. Naganathan, Nagi	PI Co1	Engineering Senior Design Projects to Aid the Disabled	National Science Foundation	\$19,182	\$1,743	\$0	\$35,903	\$55,085
11244	Hefzy, M. Naganathan, Nagi	PI Co1	Engineering Senior Design Projects to Aid the Disabled	National Science Foundation	\$18,992	\$1,726	\$0	\$50,397	\$69,389
11193	Hixon, Duane	PI	Further Development of Computational Aeroacoustics Code for Jet Noise and Flow Prediction	NASA John H. Glenn Research Center at Lewis Field	\$50,000	\$14,708	\$0	\$31,004	\$81,004
11008	Kahraman, Ahmet Keith, Theo	PI Co1	Physics Based Lubrication Models for High-Speed Transmission Components - Year 3	Ohio Aerospace Institute	\$82,875	\$24,512	\$0	\$33,024	\$115,899
11527	Kahraman, Ahmet	PI	Development of a Roller Contact Test Methodology for Simulation of Gear Pitting Fatigue	General Motors	\$26,405	\$7,810	\$0	\$18,458	\$44,863
11170	Kahraman, Ahmet	PI	An Experimental Investigation of Helical Gear Stresses	General Motors	\$61,014	\$15,089	\$0	\$21,186	\$82,200
11270	Kahraman, Ahmet	PI	A Feasibility Study of Measurement Systems for Investigation of the Planet Load Sharing Characteristics	General Motors	\$31,685	\$5,822	\$0	\$5,167	\$36,852
11308	Kahraman, Ahmet	PI	Dynamic Analysis of a High Speed Manual Transmission Drive Train	General Motors	\$18,312	\$5,416	\$0	\$0	\$18,312

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11717	Kahraman, Ahmet Keith, Theo	PI Co1	Validation of Physics Based Lubrication Models and Application to Rotorcraft Transmission Components - Year 1	Ohio Aerospace Institute	\$74,647	\$22,079	\$0	\$39,801	\$114,448
11183	Keith, Theo	PI	Next Generation of Hall Thrusters for Space Propulsion	NASA John H. Glenn Research Center at Lewis Field	\$142,488	\$24,226	\$0	\$6,939	\$149,427
11657	Keith, Theo	PI	Technology Validation and Risk Reduction Research for Flywheel Technology	NASA John H. Glenn Research Center at Lewis Field	\$70,255	\$12,084	\$0	\$0	\$70,255
11658	Keith, Theo	PI	Analysis and Optimization of Mixing Enhancement Devices	NASA John H. Glenn Research Center at Lewis Field	\$68,910	\$11,781	\$0	\$0	\$68,910
11156	Keith, Theo	PI	Turbomachinery Heat Transfer and Loss Modeling for 3D Navier-Stokes Codes	NASA John H. Glenn Research Center at Lewis Field	\$45,000	\$7,650	\$0	\$7,678	\$52,678
11163	Keith, Theo	PI	Investigation of a Journal Bearing for Application in the Gear Box of a Geared Fan	NASA John H. Glenn Research Center at Lewis Field	\$50,000	\$8,811	\$0	\$2,315	\$52,315
11164	Keith, Theo	PI	Analysis and Optimization of Mixing Enhancement Devices	NASA John H. Glenn Research Center at Lewis Field	\$34,000	\$5,848	\$0	\$4,961	\$38,961
11676	Keith, Theo	PI	Rotor Dynamic Engine Simulator Rig Using Magnetic Bearings	NASA John H. Glenn Research Center at Lewis Field	\$19,931	\$2,770	\$0	\$0	\$19,931
11678	Keith, Theo	PI	Experimental Study of Traction Drives	NASA John H. Glenn Research Center at Lewis Field	\$52,580	\$8,858	\$0	\$0	\$52,580
11214	Keith, Theo	PI	Heat Transfer and Thermal Stability Research for Advanced Hydrocarbon Fuel Technologies	NASA John H. Glenn Research Center at Lewis Field	\$25,000	\$4,250	\$0	\$4,552	\$29,552
11688	Keith, Theo	PI	Turbomachinery Heat Transfer and Loss Modeling for 3D Navier-Stokes Codes	NASA John H. Glenn Research Center at Lewis Field	\$112,251	\$19,036	\$0	\$0	\$112,251
11150	Keith, Theo	PI	Turbine Internal and Film Cooling Modeling for 3D Navier-Stokes Codes	NASA John H. Glenn Research Center at Lewis Field	\$75,000	\$12,750	\$0	\$9,430	\$84,430

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11192	Keith, Theo	PI	Research in Controls for Flywheel Technology Applications	NASA John H. Glenn Research Center at Lewis Field	\$53,000	\$9,116	\$0	\$5,117	\$58,117
11719	Keith, Theo	PI	Heat Transfer and Thermal Stability Research for Advanced Hydrocarbon Fuel Technologies	NASA John H. Glenn Research Center at Lewis Field	\$39,746	\$6,836	\$0	\$0	\$39,746
11720	Keith, Theo	PI	Advanced Concepts Research for Flywheel Technology Applications	NASA John H. Glenn Research Center at Lewis Field	\$25,000	\$4,300	\$0	\$0	\$25,000
11721	Keith, Theo	PI	Aeroelastic Modeling and Analysis of NASA Fan and Compressor Designs	NASA John H. Glenn Research Center at Lewis Field	\$65,000	\$11,180	\$0	\$0	\$65,000
11213	Keith, Theo	PI	Damping Concepts for Rotating Blades and Rotordynamics Analysis	NASA John H. Glenn Research Center at Lewis Field	\$32,994	\$5,725	\$0	\$3,114	\$36,108
9710	Keith, Theo	PI	Development of Novel Methods for the Reduction of Noise and Weight in Helicopter Transmissions	NASA John H. Glenn Research Center at Lewis Field	\$205,000	\$42,870	\$0	\$23,017	\$228,017
11757	Keith, Theo	PI	CFD Simulations of Casing Treatment for Axial Flow Compressors	NASA John H. Glenn Research Center at Lewis Field	\$69,768	\$11,858	\$0	\$0	\$69,768
11755	Keith, Theo	PI	Damping Concepts for Rotating Blades and Rotordynamics Analysis	NASA John H. Glenn Research Center at Lewis Field	\$32,994	\$5,751	\$0	\$0	\$32,994
11680	Keith, Theo	PI	Turbine Internal and Film Cooling Modeling for 3D Navier-Stokes Codes	NASA John H. Glenn Research Center at Lewis Field	\$117,293	\$19,776	\$0	\$0	\$117,293
11118	Keith, Theo	PI	Aeroelastic Stability and Response of Rotating Structures	NASA John H. Glenn Research Center at Lewis Field	\$148,970	\$24,489	\$0	\$7,019	\$155,989
11169	Keith, Theo	PI	Computational Simulation of Composite Behavior	NASA John H. Glenn Research Center at Lewis Field	\$144,785	\$24,608	\$0	\$7,054	\$151,839
11560	Keith, Theo	PI	Validation and Enhancement of Comprehensive Combustion Modeling and Simulation	NASA John H. Glenn Research Center at Lewis Field	\$122,689	\$21,103	\$0	\$7,361	\$130,050

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11278	Keith, Theo	PI	Elevated Temperature Structural Seal Development	NASA John H. Glenn Research Center at Lewis Field	\$102,274	\$17,523	\$0	\$4,929	\$107,203
11390	Keith, Theo	PI	Fabrication and Development of the Cavitation-Combustion Facility	NASA John H. Glenn Research Center at Lewis Field	\$65,003	\$11,311	\$0	\$3,065	\$68,068
11266	Keith, Theo	PI	Advanced Concepts Research for Flywheel Technology Applications	NASA John H. Glenn Research Center at Lewis Field	\$30,734	\$5,194	\$0	\$8,864	\$39,598
11468	Keith, Theo	PI	Microstructural Analysis of Advanced Turbine Materials	NASA John H. Glenn Research Center at Lewis Field	\$30,000	\$5,092	\$0	\$0	\$30,000
11339	Keith, Theo	PI	Aeroelastic Modeling and Analysis of NASA Fan and Compressor Designs	NASA John H. Glenn Research Center at Lewis Field	\$205,000	\$35,123	\$0	\$9,880	\$214,880
11368	Keith, Theo	PI	Conical Magnetic Bearing Development and Magnetic Bearing Testing for Extreme Temperature Environments	NASA John H. Glenn Research Center at Lewis Field	\$82,715	\$14,263	\$0	\$3,951	\$86,666
11575	Keith, Theo	PI	Development of Particulates and Aerosols Research	NASA John H. Glenn Research Center at Lewis Field	\$94,131	\$16,166	\$0	\$4,522	\$98,653
11595	Keith, Theo	PI	Fault Tolerant Magnetic Bearing Testing and Conical Magnetic Bearing Development for Extreme Temperature Environments	NASA John H. Glenn Research Center at Lewis Field	\$26,234	\$4,611	\$0	\$1,219	\$27,453
11222	Keith, Theo	PI	Analysis of the Two-Phase, Three Dimensional, Glowfield of Spray Finishing Atomizers	ITW Automotive Refinishing	\$26,702	\$5,510	\$0	\$17,825	\$44,527
11122	Keith, Theo	PI	Rotor Dynamic Engine Simulator Rig Using Magnetic Bearings	NASA John H. Glenn Research Center at Lewis Field	\$67,823	\$11,666	\$0	\$4,003	\$71,826
11265	Keith, Theo	PI	Experimental Studies of Traction Drives, Magnetic Bearings and Mechanical Backup Bearings for Space Applications	NASA John H. Glenn Research Center at Lewis Field	\$26,000	\$4,420	\$0	\$3,655	\$29,655
11061	Keith, Theo	PI	Microstructural Analysis of Advanced Turbine Materials	NASA Institute for Advanced Concepts	\$30,000	\$6,135	\$0	\$7,569	\$37,569

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11136	Keith, Theo	PI	CFD Simulations of Casing Treatment for Axial Flow Compressors	NASA John H. Glenn Research Center at Lewis Field	\$75,000	\$12,747	\$0	\$7,053	\$82,053
11123	Keith, Theo	PI	Technology Validation and Risk Reduction Research for Flywheel Technology	NASA John H. Glenn Research Center at Lewis Field	\$72,000	\$12,240	\$0	\$6,928	\$78,928
11388	Keith, Theo	PI	Investigation of a Journal Bearing for Application in the Gear Box of a Geared Fan	NASA John H. Glenn Research Center at Lewis Field	\$149,322	\$24,998	\$0	\$7,171	\$156,493
11389	Keith, Theo	PI	Validation and Enhancement of Comprehensive Combustion Modeling and Simulation	NASA John H. Glenn Research Center at Lewis Field	\$30,000	\$5,100	\$0	\$7,450	\$37,450
11645	Keith, Theo	PI	Research in Controls for Flywheel Technology Applications	NASA John H. Glenn Research Center at Lewis Field	\$53,046	\$9,124	\$0	\$0	\$53,046
11571	Keith, Theo	PI	Microstructural Analysis of Advanced Turbine Materials	NASA John H. Glenn Research Center at Lewis Field	\$95,084	\$16,355	\$0	\$0	\$95,084
11273	Marinescu, Ioan	PI	Abrasive Micro-Machining Laboratory Membership	Caterpillar Inc.	\$9,000	\$0	\$0	\$0	\$9,000
11217	Marinescu, Ioan	PI	Superfinishing Study	Bettis Atomic Power Laboratory	\$35,625	\$6,526	\$0	\$0	\$35,625
11210	Marinescu, Ioan	PI	Abrasive Micro-Machining Laboratory Membership	Ilijin Diamond Co., Ltd.	\$18,000	\$0	\$0	\$0	\$18,000
11741	Marinescu, Ioan	PI	Superfinishing Study	Bettis Atomic Power Laboratory	\$9,000	\$1,857	\$0	\$0	\$9,000
11328	Mousseau, Cedric	PI	Proposal for the Development of the Fast Finite Element Tire Model for Predicting Force and Moment Behavior Part 2	Cooper Tire and Rubber, Inc.	\$18,336	\$5,423	\$0	\$23,634	\$41,970
11556	Ng, Terry	PI	Adaptive Flow-Control	Orbital Research, Inc.	\$29,559	\$8,743	\$0	\$22,621	\$52,180
11734	Ng, Terry	PI	Jet Noise Reduction Supplement	Innovative Technology Applications Company, LLC	\$1,123	\$332	\$0	\$0	\$1,123

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11481	Ng, Terry	PI	Jet Noise Reduction	Innovative Technology Applications Company, LLC	\$12,700	\$3,756	\$0	\$10,335	\$23,035
11309	White, Philip	PI	Manufacturing Engineering and Process Control	Cauffiel Machinery	\$5,000	\$0	\$0	\$9,480	\$14,480
11735	Zhang, Hongyan	PI	Characterization of Resistance Spot Welders - Year 2	RoMan Engineering Services, Inc.	\$6,724	\$1,345	\$0	\$0	\$6,724
11683	Zhang, Hongyan	PI	Fatigue Fracture Analysis of Advanced High Strength Steels	Ford Motor Company	\$109,400	\$30,201	\$0	\$14,611	\$124,011
11132	Zhang, Hongyan	PI	Characterization of Impact Behavior of Advanced High Strength Steels	United State Automotive Materials Partnership	\$58,750	\$17,377	\$0	\$46,412	\$105,162
<i>Summary for Department of Mechanical, Industrial, and Manufacturing Engineering (65 awards)</i>									
Sum					\$4,998,947	\$1,029,504	\$0	\$1,138,431	\$6,137,378
Percent					18.31%	26.84%	0.00%	8.81%	14.87%

Polymer Institute

11465	Jabarin, Saleh	PI	Research Performed for Associated Packaging Enterprises	Associated Packaging Enterprises, Inc	\$4,800	\$0	\$0	\$0	\$4,800
11564	Jabarin, Saleh	PI	Research Performed for Noveon, Inc.	Noveon, Inc.	\$1,200	\$0	\$0	\$0	\$1,200
11264	Jabarin, Saleh	PI	Research Performed for ICI Paints	ICI Paints	\$1,650	\$0	\$0	\$0	\$1,650
10381	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Aromatics Derivatives - UOP	\$20,000	\$0	\$0	\$0	\$20,000
11355	Jabarin, Saleh	PI	Research Performed for Energy Conversion Devices, Inc.	Energy Conversion Devices, Inc.	\$6,800	\$0	\$0	\$0	\$6,800
10413	Jabarin, Saleh	PI	Research Performed for Boston Scientific	Boston Scientific	\$500	\$0	\$0	\$0	\$500
11716	Jabarin, Saleh	PI	Research Performed for Pt. Indorama Synthetics Tbk.	Pt. Indo-Rama Synthetics Tbk.	\$2,362	\$0	\$0	\$0	\$2,362
10356	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Graham Packaging	\$15,000	\$0	\$0	\$0	\$15,000

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11464	Jabarin, Saleh	PI	Research Performed for Non Contact International, Inc.	Non Contact International, Inc.	\$3,600	\$0	\$0	\$0	\$3,600
11259	Jabarin, Saleh	PI	Research Performed for Amcor PET Packaging	Amcor PET Packaging	\$16,000	\$0	\$0	\$0	\$16,000
11238	Jabarin, Saleh	PI	Research Performed for Pepsi-Cola Company	Pepsi-Cola	\$38,348	\$0	\$0	\$0	\$38,348
11463	Jabarin, Saleh	PI	Research Performed for Cipco, Inc.	Cipco, Inc.	\$600	\$0	\$0	\$0	\$600
10400	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Sabic R&D	\$15,000	\$0	\$0	\$0	\$15,000
10398	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Wellman, Inc.	\$15,000	\$0	\$0	\$0	\$15,000
10395	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Coca-Cola	\$15,000	\$0	\$0	\$0	\$15,000
11233	Jabarin, Saleh	PI	Research Performed for Coca-Cola	Coca-Cola	\$33,850	\$0	\$0	\$0	\$33,850
10387	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Shell Chemical Company	\$15,000	\$0	\$0	\$0	\$15,000
10355	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	SK Chemicals	\$15,000	\$0	\$0	\$0	\$15,000
10394	Jabarin, Saleh	PI	Industrial Consortium For Poly(Ethylene Terephthalate), PET, Research	Crown Cork & Seal	\$15,000	\$0	\$0	\$0	\$15,000
11563	Jabarin, Saleh	PI	Research Performed for Delphi Automotive Systems	Delphi Automotive Systems	\$600	\$0	\$0	\$0	\$600
11258	Jabarin, Saleh	PI	Research Performed for The Plastics Group (Fremont Plastics)	The Plastics Group, Inc. (Fremont Plastics)	\$3,700	\$0	\$0	\$0	\$3,700
10404	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Amcor PET Packaging	\$15,000	\$0	\$0	\$0	\$15,000
10401	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Dow Europe S.A.	\$15,000	\$0	\$0	\$0	\$15,000
10379	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Eastman Chemical Company	\$15,000	\$0	\$0	\$0	\$15,000
10390	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene Terephthalate), PET	Amoco Corporation	\$15,000	\$0	\$0	\$0	\$15,000

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
10408	Jabarin, Saleh	PI	Research Performed for Pactiv Protective Packaging	Pactiv Protective Packaging	\$1,000	\$0	\$0	\$0	\$1,000
11239	Jabarin, Saleh	PI	Research Performed for Owens Illinois, Inc.	Owens Illinois, Inc.	\$39,450	\$0	\$0	\$0	\$39,450
10407	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Pepsi-Cola	\$15,000	\$0	\$0	\$0	\$15,000
10405	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	Associated Packaging Enterprises, Inc	\$15,000	\$0	\$0	\$0	\$15,000
11354	Jabarin, Saleh	PI	Research Performed For EVAL Company of America	EVAL Company of America	\$6,600	\$0	\$0	\$0	\$6,600
10399	Jabarin, Saleh	PI	Industrial Consortium for Poly(ethylene terephthalate), PET	KoSa	\$15,000	\$0	\$0	\$0	\$15,000
<i>Summary for Polymer Institute (31 awards)</i>									
Sum					\$391,060	\$0	\$0	\$0	\$391,060
Percent					1.43%	0.00%	0.00%	0.00%	0.95%

Spine Research Projects

11756	Goel, Vijay	PI	Biomechanics of Spinal Screws	Howmedica Osteonics	\$20,000	\$3,333	\$0	\$0	\$20,000
<i>Summary for Spine Research Projects (1 award)</i>									
Sum					\$20,000	\$3,333	\$0	\$0	\$20,000
Percent					0.07%	0.09%	0.00%	0.00%	0.05%

Number of Awards for The College of Engineering = 152

Sum	\$7,702,130	\$1,355,647	\$99,368	\$2,281,058	\$10,082,556
Percent	28.21%	35.35%	9.45%	17.66%	24.43%

The College of Health and Human Services

Administration, College of Health and Human Services

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11596	Benjamin, Barbaranne Benjamin, James	PI Co1	Technology Enhanced Multi Institutional MPH Program	Medical College of Ohio	\$34,780	\$0	\$0	\$41,689	\$76,469
11679	Benjamin, Barbaranne	PI	A Tech-Enhanced Multi-Institutional Masters of Public Health	Medical College of Ohio	\$6,000	\$0	\$0	\$8,191	\$14,191
<i>Summary for Administration, College of Health and Human Services (2 awards)</i>									
Sum					\$40,780	\$0	\$0	\$49,880	\$90,660
Percent					0.15%	0.00%	0.00%	0.39%	0.22%

Counseling and Mental Health Services

11207	Piazza, Nick	PI	Pulmonary Advice in Physician's Office	Respiratory Specialists	\$9,960	\$0	\$0	\$14,518	\$24,478
11653	Piazza, Nick Salyers, Kathleen Laux, John	PI Co1 Co2	Lucas County Family Drug Treatment Court	Lucas County Juvenile Court	\$8,752	\$796	\$0	\$15,721	\$24,473
11370	Ritchie, Martin Salyers, Kathleen	PI Co1	Cultural Competency Scholarship	Mental Health and Recovery Services Board	\$3,515	\$1,040	\$0	\$3,515	\$7,030
<i>Summary for Counseling and Mental Health Services (3 awards)</i>									
Sum					\$22,227	\$1,836	\$0	\$33,754	\$55,981
Percent					0.08%	0.05%	0.00%	0.26%	0.14%

Criminal Justice

11053	Boss, Marion Henderson, Chris	PI Co1	Systems for Networking Education, Resources, and Goals for Youth (SNERGY)	Lucas County Economic and Workforce Development	\$200,000	\$17,091	\$0	\$179,806	\$379,806
11191	Boss, Marion	PI	Toledo Public Schools Graduate Internship Program	Toledo Public Schools	\$8,126	\$0	\$0	\$16,430	\$24,556
11079	Boss, Marion	PI	Graduate Internship Agreement	Lucas County-Toledo Police Athletic League	\$2,500	\$0	\$0	\$5,752	\$8,252
11760	Collins, D. Michael Paquette, Paul	PI Co1	Ohio Police Corps Program Fund Budget	U.S. Department of Justice	\$125,127	\$0	\$0	\$52,553	\$177,680

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11165	Collins, D. Michael Paquette, Paul	PI Co1	Program Fund Budget	U.S. Department of Justice	\$80,399	\$0	\$0	\$25,368	\$105,767
11759	Collins, D. Michael Paquette, Paul	PI Co1	Ohio Police Corps Implementation Services Budget	U.S. Department of Justice	\$16,500	\$0	\$0	\$6,930	\$23,430
11084	Hall, Daniel Ventura, Lois	PI Co1	Drug and Alcohol Treatment Outcomes and Correlates	Alcohol and Drug Addiction Services of Lucas County	\$20,230	\$0	\$0	\$0	\$20,230

Summary for Criminal Justice (7 awards)

Sum					\$452,882	\$17,091	\$0	\$286,839	\$739,721
Percent					1.66%	0.45%	0.00%	2.22%	1.79%

Department of Kinesiology

11159	Armstrong, Charles	PI	ProMedica Sports Care Graduate Assistants	ProMedica-Sports Care	\$35,537	\$0	\$0	\$49,003	\$84,540
11158	Armstrong, Charles	PI	Health South Graduate Assistants	Health South Sports Medicine & Rehabilitation	\$167,178	\$0	\$0	\$240,738	\$407,916
11083	Armstrong, Charles	PI	Graduate Assistant Agreement Between The University of Toledo and The Board of Lucas County Commissioners	Lucas County Board of Commissioners	\$34,102	\$0	\$0	\$46,506	\$80,608
11477	Pizza, Francis	PI	TNF-Alpha Induced Cachexia: Effect on Skeletal Muscle Inflammation	Ohio American Heart Association	\$18,000	\$0	\$0	\$13,540	\$31,540

Summary for Department of Kinesiology (4 awards)

Sum					\$254,817	\$0	\$0	\$349,787	\$604,604
Percent					0.93%	0.00%	0.00%	2.71%	1.46%

Department of Social Work

10719	Williamson, Celia	PI	Typology of Street Prostitution: Well-Being and Risk	National Institutes of Health	\$71,000	\$21,000	\$0	\$33,981	\$104,981
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<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
<i>Summary for Department of Social Work (1 award)</i>									
Sum					\$71,000	\$21,000	\$0	\$33,981	\$104,981
Percent					0.26%	0.55%	0.00%	0.26%	0.25%

Health Professions

10716	Baldwin, Celeste Boss, Marion	PI Co1	Puente de Salud	Adelante, Inc.	\$121,074	\$8,968	\$0	\$89,295	\$210,369
11432	Geronimo, Philip	PI	Standardization of Pulmonary Function Testing in Clinical Drug Trials	Ferraris Cardiopulmonary, Inc.	\$38,303	\$7,903	\$0	\$0	\$38,303
11269	Geronimo, Philip	PI	Standardization of Pulmonary Function Testing in Clinical Drug Trials - 2	Ferraris Cardiopulmonary, Inc.	\$34,398	\$7,099	\$0	\$0	\$34,398

Summary for Health Professions (3 awards)

Sum					\$193,775	\$23,970	\$0	\$89,295	\$283,070
Percent					0.71%	0.63%	0.00%	0.69%	0.69%

Public Health and Rehabilitative Services

11300	Boardley, Debra	PI	Exercise Mode and Health Status Indices in the Elderly	University of Louisville	\$102,413	\$30,291	\$0	\$46,506	\$148,919
11480	Jordan, Timothy	PI	Interagency Sponsored Doctoral Assistantship for Melissa Love	Hospital Council of Northwest Ohio	\$11,746	\$0	\$0	\$22,760	\$34,506
11577	Kucharewski, Ruthie	PI	National Youth Sports Program	National Youth Sports Program	\$85,150	\$0	\$68,326	\$373,189	\$526,665
11371	Kucharewski, Ruthie	PI	NYSP-Supplement	National Youth Sports Program Fund	\$6,912	\$0	\$0	\$2,903	\$9,815
11208	Kucharewski, Ruthie	PI	Girls Sports Clinics	National Youth Sports Program	\$4,971	\$0	\$0	\$2,088	\$7,059
11348	Kucharewski, Ruthie	PI	City Parks Trust Fund Support for NYSP 2002	City of Toledo	\$2,500	\$227	\$0	\$727	\$3,227

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11058	Longsdorf, Eric Kucharewski, Ruthie	PI Co1	HOFNOD "Hooked on Fishing not on Drugs"	Ohio Department of Natural Resources	\$2,230	\$0	\$9,510	\$937	\$12,677
10925	Olsson, Roy	PI	The Development of a Risk of Falls Score	HCR Manor Care Foundation	\$27,540	\$2,504	\$0	\$30,381	\$57,921
11267	Price, James Telljohann, Susan	PI Co1	Toledo Public Schools' System of Care	Toledo Public Schools	\$139,465	\$10,331	\$0	\$43,906	\$183,371
11055	Price, James Jordan, Timothy	PI Co1	Healthy Communities Foundation: Tobacco Evaluation Project	NW Ohio Tobacco Control Strategic Alliance	\$62,000	\$4,364	\$0	\$30,178	\$92,178
11149	Telljohann, Susan	PI	HEAL Internship	Perrysburg Area Substance Abuse Prevention Partners	\$7,337	\$0	\$0	\$15,802	\$23,139
11689	Telljohann, Susan	PI	Graduate Student Externship	Planned Parenthood of Northwest Ohio, Inc.	\$9,697	\$0	\$0	\$18,952	\$28,649
11096	Telljohann, Susan	PI	HEAL Externship	The Connecting Point	\$7,337	\$0	\$0	\$13,417	\$20,754

Summary for Public Health and Rehabilitative Services (13 awards)

Sum					\$469,298	\$47,717	\$77,836	\$601,746	\$1,148,880
Percent					1.72%	1.24%	7.40%	4.66%	2.78%

Number of Awards for The College of Health and Human Services = 33

Sum					\$1,504,779	\$111,614	\$77,836	\$1,445,282	\$3,027,897
Percent					5.51%	2.91%	7.40%	11.19%	7.34%

The College of Pharmacy

Administration, College of Pharmacy

11247	Hudson, Richard	PI	Enhancing Doctoral Programs at the Biology/Chemistry Interface	Ohio Board of Regents	\$175,000	\$0	\$0	\$0	\$175,000
11374	Messer, William	PI	Development of Muscarinic Agonists for Schizophrenia	Ohio Board of Regents	\$2,500	\$0	\$0	\$0	\$2,500

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
<i>Summary for Administration, College of Pharmacy (2 awards)</i>									
Sum					\$177,500	\$0	\$0	\$0	\$177,500
Percent					0.65%	0.00%	0.00%	0.00%	0.43%

Center for Applied Pharmacology

11674	Bachmann, Kenneth	PI	A Phase II, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Arm, Dose Comparison Study of the Efficacy and Safety of Oral 25 mg, 50 mg, 75 mg OPC-6535 and Placebo in the Treatment of Patients with Chronic Obstructive Pulmonary Disease	Otsuka Maryland Research Institute, LLC	\$15,600	\$0	\$0	\$0	\$15,600
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Summary for Center for Applied Pharmacology (1 award)

Sum					\$15,600	\$0	\$0	\$0	\$15,600
Percent					0.06%	0.00%	0.00%	0.00%	0.04%

Center for Drug Design and Development

11752	Erhardt, Paul	PI	Determine Natural Product Induction in Legumes and the Pharmacologic Consequences in Human Model Systems	U.S. Department of Agriculture	\$314,450	\$93,006	\$0	\$112,860	\$427,310
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Summary for Center for Drug Design and Development (1 award)

Sum					\$314,450	\$93,006	\$0	\$112,860	\$427,310
Percent					1.15%	2.43%	0.00%	0.87%	1.04%

Department of Medicinal and Biological Chemistry

10634	McInerney, Marcia	PI	Analysis of Innate Immune Responses to Oral Pathogens	National Institute of Dental and Craniofacial Research	\$142,000	\$42,000	\$0	\$14,842	\$156,842
11590	Wall, Katherine	PI	Role of TH1 and TH2 Responses in Myasthenia Gravis	University of Texas Health Science Center at San Antonio	\$110,428	\$27,928	\$0	\$41,329	\$151,757

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
<i>Summary for Department of Medicinal and Biological Chemistry (2 awards)</i>									
Sum					\$252,428	\$69,928	\$0	\$56,171	\$308,599
Percent					0.92%	1.82%	0.00%	0.43%	0.75%

Department of Pharmacology

11763	Bachmann, Kenneth	PI	Use of Human Hepatocytes for Predicting Human In Vivo Pharmacokinetics	In Vitro Technologies Inc.	\$36,000	\$0	\$0	\$0	\$36,000
11357	Bachmann, Kenneth	PI	An Open-Label, Randomized, 4-Period, Single-Dose, Balanced, Crossover Study in Health Adult Subjects to Assess the Comparative Bioavailability of the Tablet and Oral Granules Formulations of Etericoxib (MK-0663)	Merck & Co., Inc.	\$103,066	\$6,363	\$0	\$32,618	\$135,684
10981	Bachmann, Kenneth	PI	A Phase II, Multicenter, Randomized, Double-blind, Placebo-controlled, Parallel-arm, Dose Comparison Study of the Efficacy and Safety of Oral 25 mg, 50 mg, 75 mg OPC-6535 and Placebo in the Treatment of Patients with Chronic Obstructive Pulmonary Disease	Otsuka Maryland Research Institute, LLC	\$51,999	\$3,184	\$0	\$23,195	\$75,194
11031	Messer, William Nagy, Peter	PI Co1	Development of Novel Muscarinic Agonists	National Institutes of Health	\$181,370	\$44,760	\$0	\$70,596	\$251,966

Summary for Department of Pharmacology (4 awards)

Sum					\$372,435	\$54,307	\$0	\$126,409	\$498,844
Percent					1.36%	1.42%	0.00%	0.98%	1.21%

Number of Awards for The College of Pharmacy = 10

Sum					\$1,132,413	\$217,241	\$0	\$295,440	\$1,427,853
Percent					4.15%	5.66%	0.00%	2.29%	3.46%

University College

Administration, University College

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11367	Dobson, Kenneth	PI	City of Toledo Capacity Building Program	City of Toledo	\$250,000	\$22,727	\$0	\$0	\$250,000
11194	Momenee, Luanne Lettman, Dennis	PI Co1	Carl D. Perkins Grant	Ohio Board of Regents/Ohio Department of Education	\$81,967	\$0	\$0	\$0	\$81,967
11166	Pietras, Nancy	PI	Tech Prep Consortium	Various	\$24,766	\$0	\$0	\$0	\$24,766
11306	Rhoda, Karen Wambold, Suzanne	PI Co1	OLN Emerging Needs Online Health Information Management Bachelor of Science Degree Completion Program	Ohio State University Research Foundation	\$259,641	\$0	\$0	\$433,669	\$693,310
11069	Waldock, Mary Jo Pietras, Nancy	PI Co1	Engineering Tech Prep Expanded Enrollment Grant	Ohio Department of Education	\$81,600	\$4,080	\$0	\$28,478	\$110,078
11068	Waldock, Mary Jo Pietras, Nancy	PI Co1	E-Commerce Marketing Tech Prep Expanded Enrollment Grant	Ohio Department of Education	\$81,600	\$4,080	\$0	\$28,478	\$110,078
11067	Waldock, Mary Jo Pietras, Nancy	PI Co1	Automotive Tech Prep Expanded Enrollment Grant	Ohio Department of Education	\$81,600	\$4,080	\$0	\$28,478	\$110,078
11605	Waldock, Mary Jo Pietras, Nancy	PI PD	HSTW - Regional Office	Lucas County Educational Service Center	\$5,301	\$252	\$0	\$0	\$5,301
11066	Waldock, Mary Jo Pietras, Nancy	PI Co1	Health Tech Prep Expanded Enrollment Grant	Ohio Department of Education	\$81,600	\$4,080	\$0	\$28,478	\$110,078
11071	Waldock, Mary Jo Pietras, Nancy	PI Co1	Information Tech Prep Expanded Enrollment Grant	Ohio Department of Education	\$81,600	\$4,080	\$0	\$28,478	\$110,078
11604	Waldock, Mary Jo Pietras, Nancy	PI PD	HSTW - Graduate Assistant	Lucas County Educational Service Center	\$12,500	\$0	\$0	\$22,301	\$34,801
11074	Waldock, Mary Jo Pietras, Nancy	PI Co1	FY '03 Tech Prep Federal Base Allocation	Ohio Department of Education	\$250,000	\$12,500	\$0	\$87,250	\$337,250
11162	Waldock, Mary Jo Pietras, Nancy	PI PD	High Schools That Work-Regional Office	Lucas County Educational Service Center	\$44,000	\$2,095	\$0	\$15,505	\$59,505
11073	Waldock, Mary Jo Pietras, Nancy	PI Co1	FY '03 Tech Prep State Performance Grant	Ohio Department of Education	\$115,292	\$5,490	\$0	\$40,627	\$155,919
11160	Waldock, Mary Jo Pietras, Nancy	PI PD	High Schools That Work - Graduate Assistant	Lucas County Educational Service Center	\$8,503	\$0	\$0	\$13,905	\$22,408

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
11070	Waldock, Mary Jo Pietras, Nancy	PI Co1	Environmental Tech Prep Expanded Enrollment Grant	Ohio Department of Education	\$81,600	\$4,080	\$0	\$28,478	\$110,078

Summary for Administration, University College (16 awards)

Sum					\$1,541,570	\$67,544	\$0	\$784,125	\$2,325,695
Percent					5.65%	1.76%	0.00%	6.07%	5.64%

Urban Affairs Center

11512	McGuire, Patrick	PI	BGSU Center for Innovative and Transformative Education	Bowling Green State University	\$30,204	\$0	\$0	\$14,449	\$44,653
11157	McGuire, Patrick	PI	Post-Doctoral Support for GEAR-UP Evaluation Efforts	Bowling Green State University	\$6,295	\$466	\$0	\$0	\$6,295
10655	McGuire, Patrick Fritz, Paul	PI Co1	Discovering Information Technology Resources in Northwest Ohio	Information Technology Alliance of Northwest Ohio	\$4,000	\$364	\$406	\$21,234	\$25,640
11401	McGuire, Patrick Lipman, Joel	PI Co1	A 2002 Survey of the Toledo Ballet's Audience at the Nutcracker	Toledo Ballet Association	\$4,000	\$364	\$0	\$8,863	\$12,863
11196	McGuire, Patrick Williamson, Celia Allen, Reva	PI Co1 Co2	Prevalence Assessment of Social Challenges in Hancock County	Winning Communities, Carmel Indiana	\$20,000	\$1,818	\$0	\$17,037	\$37,037
11155	McGuire, Patrick Davis, Gabrielle Fox, Christine	PI Co1 Co2	Access to Recourse: Understanding Lucas Co. Court System	Ohio State Bar Foundation	\$39,500	\$5,152	\$0	\$40,040	\$79,540
11406	McGuire, Patrick Wuest, Susan Johnston, Donna	PI Co1 Co2	Strategic Planning City of Toledo Division of Neighborhood and Community Development	City of Toledo	\$36,000	\$3,273	\$2,500	\$17,297	\$55,797
11047	McGuire, Patrick Bachelor, Lynn	PI Co1	A Survey of Social Service Organization Directors Whose Agencies Interact with JFS Clients	Lucas County Human Service Planning Committee	\$3,904	\$355	\$0	\$2,797	\$6,701
11148	McGuire, Patrick	PI	Research and Analysis to Support Retraining of Displaced Workers	Private Industry Collaborative, Inc.	\$15,000	\$1,842	\$0	\$2,638	\$17,638

<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
<i>Summary for Urban Affairs Center (9 awards)</i>									
Sum					\$158,903	\$13,634	\$2,906	\$124,355	\$286,164
Percent					0.58%	0.36%	0.28%	0.96%	0.69%
<i>Number of Awards for University College = 25</i>									
Sum					\$1,700,473	\$81,178	\$2,906	\$908,480	\$2,611,859
Percent					6.23%	2.12%	0.28%	7.03%	6.33%

Undergraduate and Graduate Education

University Animal Research Facility

11346	Hashmi, Waheed	PI	Animal Care Facility/Preventative Care Maintenance	Ohio Board of Regents	\$32,000	\$0	\$0	\$0	\$32,000
<i>Summary for University Animal Research Facility (1 award)</i>									
Sum					\$32,000	\$0	\$0	\$0	\$32,000
Percent					0.12%	0.00%	0.00%	0.00%	0.08%
<i>Number of Awards for Undergraduate and Graduate Education = 1</i>									
Sum					\$32,000	\$0	\$0	\$0	\$32,000
Percent					0.12%	0.00%	0.00%	0.00%	0.08%

Student Services

Catharine S. Eberly Center for Women

10441	Terry, Ardenia	PI	Judy Chicago: Women and Art	Arts Commission of Greater Toledo	\$2,388	\$217	\$0	\$12,844	\$15,232
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<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
<i>Summary for Catharine S. Eberly Center for Women (1 award)</i>									
Sum					\$2,388	\$217	\$0	\$12,844	\$15,232
Percent					0.01%	0.01%	0.00%	0.10%	0.04%

Student Medical Center

10989	Wasielewski, Norine	PI	The University of Toledo's Alcohol and Substance Abuse Program	Alcohol and Drug Addiction Services of Lucas County	\$25,000	\$0	\$0	\$23,811	\$48,811
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Summary for Student Medical Center (1 award)

Sum					\$25,000	\$0	\$0	\$23,811	\$48,811
Percent					0.09%	0.00%	0.00%	0.18%	0.12%

Number of Awards for Student Services = 2

Sum					\$27,388	\$217	\$0	\$36,655	\$64,043
Percent					0.10%	0.01%	0.00%	0.28%	0.16%

University Administration

Administration, University Office of Research

11682	Calzonetti, Frank	PI	Ohio Schools Going Solar	Ohio Department of Development	\$3,000	\$0	\$0	\$0	\$3,000
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11029	Calzonetti, Frank Coleman, Maria Compaan, Alvin Deng, Xunming Stuart, Thomas	PI Co1 Co2 Co3 Co4	Northwest Ohio Partnership on Alternative Energy Systems	National Science Foundation	\$600,000	\$142,743	\$60,000	\$722,800	\$1,382,800
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11030	Lipscomb, Glenn Benjamin, Barbaranne Messer, William Pinkerton, Alan Czajkowski, Kevin	PI Co1 Co2 Co3 Co4	HPNC: University of Toledo Internet 2 Connection	National Science Foundation	\$149,598	\$0	\$0	\$320,368	\$469,966
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<i>RNUM</i>	<i>Researcher(s)</i>	<i>Role</i>	<i>Project Title</i>	<i>Sponsor</i>	<i>Sponsor Award \$</i>	<i>(Sponsor Ind. C. \$)</i>	<i>Other Source \$</i>	<i>UT Contrib \$</i>	<i>Total Award</i>
<i>Summary for Administration, University Office of Research (3 awards)</i>									
Sum					\$752,598	\$142,743	\$60,000	\$1,043,168	\$1,855,766
Percent					2.76%	3.72%	5.71%	8.07%	4.50%

Number of Awards for University Administration = 3

Sum					\$752,598	\$142,743	\$60,000	\$1,043,168	\$1,855,766
Percent					2.76%	3.72%	5.71%	8.07%	4.50%

Enrollment Services

Administration, Enrollment and Placement Services

11547	Cooks, Helen	PI	Student Support Services Program	U.S. Department of Education	\$200,700	\$14,867	\$0	\$121,184	\$321,884
11420	Cooks, Helen	PI	GEAR UP	U.S. Department of Education	\$640,641	\$47,455	\$701,385	\$759,846	\$2,101,872
11248	Young, David	PI	Upward Bound Program	U.S. Department of Education	\$367,615	\$22,659	\$0	\$0	\$367,615

Summary for Administration, Enrollment and Placement Services (3 awards)

Sum					\$1,208,956	\$84,981	\$701,385	\$881,030	\$2,791,371
Percent					4.43%	2.22%	66.71%	6.82%	6.76%

Number of Awards for Enrollment Services = 3

Sum					\$1,208,956	\$84,981	\$701,385	\$881,030	\$2,791,371
Percent					4.43%	2.22%	66.71%	6.82%	6.76%

Grand Total Total Number of Awards = 374

\$27,301,220	\$3,835,023	\$1,051,440	\$12,919,549	\$41,272,209
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