

**The University of Toledo
Office of Research Services**

Detail of Awards According to Academic Department

Start FY: 1997
End FY: 1997

Start Date: 7/1/96
End Date: 6/30/97

<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>
<u>The College of Arts and Sciences</u>									
<u>Department of Biology</u>									
7091	Glatzer, Louis	PI	Plasmid Fingerprinting To Find the E. Coli Source(S) At the Maumee Bay State Park	Lucas County Commissioners	\$5,000	\$0	\$0	\$0	\$5,000
6953	Glatzer, Louis	PI	Plasmid Fingerprinting To Identify the Pollution Source At the Maumee Bay State Park	Lake Erie Protection Fund	\$7,500	\$0	\$0	\$3,326	\$10,826
7241	Komuniecki, Richard	PI	Nematode Serotonin Receptor As Targets For Chemotherapy	Eli Lilly Company	\$60,971	\$12,194	\$0	\$10,008	\$70,979
7190	Komuniecki, Richard	PI	Volatile Acid Formation in Parasitic Helminths	National Institutes of Health	\$148,754	\$35,054	\$0	\$7,050	\$155,804
6797	Leisner, Scott	PI	Molecular Mechanisms of CAMV Resistance-Breaking in Arabidopsis	U.S. Department of Agriculture	\$145,051	\$17,813	\$0	\$11,296	\$156,347
7119	Neher, Deborah	PI	Interaction of Pore Size Distribution, Soil Fauna, and C and N Mineralization	University of Rhode Island	\$38,277	\$4,701	\$0	\$6,827	\$45,104

<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>
7028	Shemshedini, Lirim	PI	JUN As a Coactivator For Androgen Receptor Transcriptional Activity	Ohio American Heart Association	\$50,000	\$0	\$0	\$47,640	\$97,640
6791	Sinsabaugh, Robert	PI	Response of Microbial Community Structure To Variations in Supply of Dissolved Organic Carbon	The Institute of Ecosystem Studies	\$31,736	\$6,547	\$0	\$0	\$31,736
7412	Wheelock, Margaret	PI	Cadherins and Catenins	Stovall Life Science	\$4,000	\$0	\$0	\$0	\$4,000
6939	Wheelock, Margaret	PI	Aspects of Cadherin/Catenin Complexes	National Institutes of Health	\$198,966	\$45,955	\$0	\$24,646	\$223,612
7548	Wheelock, Margaret	PI	Adhesion Molecules in Epidermal Stratification	University of Pennsylvania	\$92,630	\$12,785	\$0	\$0	\$92,630
6978	Wheelock, Margaret	PI	Adhesion Molecules in Epidermal Stratification	University of Pennsylvania	\$89,068	\$12,274	\$0	\$0	\$89,068
<i>Summary for Department of Biology (12 awards)</i>									
Sum					\$871,953	\$147,323	\$0	\$110,793	\$982,746
Percent					5.70%	8.21%	0.00%	2.52%	4.91%

Department of Chemistry

7437	Borgstahl, Gloria	PI	Crystallization of the Human Homologous DNA Recombination and Repair Protein Rad52	Ohio American Cancer Society	\$20,000	\$1,818	\$0	\$0	\$20,000
7138	Borgstahl, Gloria	PI	Searching For the Best Protein Crystals: Synchrotron Based Mosaicity Measurements of Crystal Quality and Theoretical Modeling	NASA Marshall Space Flight Center	\$52,000	\$11,319	\$0	\$8,128	\$60,128
7410	Carter, Barbara	PI	Undergraduate Research Initiative	Parke-Davis	\$3,000	\$0	\$0	\$0	\$3,000
7023	Davies, Julian	PI	Iron(III)-Based MR Contrast Agents	Schering Ag	\$25,000	\$5,000	\$0	\$11,587	\$36,587
7441	Giolando, Dean	PI	Organoindium Precursors For Indium Tin Oxide	Libbey-Owens-Ford	\$80,189	\$11,196	\$0	\$2,502	\$82,691

<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>
7182	Giolando, Dean	PI	Organoidium Precursors For Indium Tin-Oxide Addendum VII	Libbey-Owens-Ford	\$39,397	\$9,031	\$0	\$1,516	\$40,913
7090	Gong, Bing	PI	Anticancer Prodrug Design and Activation: A New Approach	National Institutes of Health	\$87,836	\$12,836	\$0	\$21,308	\$109,144
7423	Guo, Hua	PI	Classical Trajectory Studies of Photochemical Reactions On Surfaces	Ohio Supercomputer	\$0	\$0	\$0	\$0	\$0
7244	Guo, Hua	PI	Theoretical Study of Photodissociation Dynamics in the Gaseous and Condensed Phases	National Science Foundation	\$60,000	\$15,095	\$0	\$0	\$60,000
7547	Kirchhoff, Jon	PI	Undergraduate Summer Research Program	Procter & Gamble Foundation	\$3,500	\$0	\$0	\$0	\$3,500
7097	Kirchhoff, Jon	PI	1996 Summer Undergraduate Research Fellowship in Chemistry	Procter & Gamble Foundation	\$3,500	\$0	\$0	\$1,410	\$4,910
7194	Kirchhoff, Jon	PI	Micromachining in Analytical Chemistry	Miami University	\$178,200	\$0	\$0	\$17,820	\$196,020
7317	Pinkerton, Alan	PI	Experimental Charge Densities and Electrostatic Potentials in Energetic Materials	Office of Naval Research	\$103,459	\$22,866	\$0	\$20,771	\$124,230
7167	Pinkerton, Alan	PI	Infrastructure Upgrade For An X-Ray Crystallography Laboratory	Office of Naval Research	\$53,807	\$0	\$0	\$53,807	\$107,614

Summary for Department of Chemistry (14 awards)

Sum					\$709,888	\$89,161	\$0	\$138,849	\$848,737
Percent					4.64%	4.97%	0.00%	3.16%	4.24%

Department of Economics

7116	Chang, Gene Hsin	PI	Research in Inflation, Structural Distortion and Macroeconomic Policies in Economic Transition	Council for International Exchange of Scholars	\$22,400	\$0	\$0	\$34,955	\$57,355
-------------	------------------	----	--	--	----------	-----	-----	----------	----------

<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 Economics (1 award)</i>									
Sum					\$22,400	\$0	\$0	\$34,955	\$57,355
Percent					0.15%	0.00%	0.00%	0.80%	0.29%

Department of English

7133	Lundquist, Sara	PI	Barbara Guest's Poetry	Yale University	\$2,200	\$0	\$0	\$0	\$2,200
<i>Summary for Department of English (1 award)</i>									
Sum					\$2,200	\$0	\$0	\$0	\$2,200
Percent					0.01%	0.00%	0.00%	0.00%	0.01%

Department of Foreign Languages

7444	Stoudt, Debra	PI	The Literary Traditions of Medieval Women	National Endowment for the Humanities	\$1,500	\$0	\$0	\$0	\$1,500
<i>Summary for Department of Foreign Languages (1 award)</i>									
Sum					\$1,500	\$0	\$0	\$0	\$1,500
Percent					0.01%	0.00%	0.00%	0.00%	0.01%

Department of Geography and Planning

7274	Muraco, William	PI	Global Changes in Local Places	Association of American Geographers	\$65,000	\$18,507	\$0	\$66,468	\$131,468
7634	Reid, Neil	PI	Graduate Student Internship Agreement Between The University of Toledo Department of Geography and Planning and Downtown Toledo Vision, Inc.	Downtown Toledo Vision, Inc.	\$9,000	\$0	\$0	\$10,605	\$19,605

<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>
7610	Reid, Neil	PI	Graduate Student Internship Agreement Between the University of Toledo Department of Geography and Planning and Centerior Energy	Centerior Energy	\$800	\$0	\$0	\$1,944	\$2,744
7333	Reid, Neil	PI	Graduate Student Internship Agreement Between University of Toledo Department Geography and Planning and the Urban Affairs Center	University of Toledo	\$0	\$0	\$0	\$0	\$0
7557	Reid, Neil	PI	Graduate Research Assistant Agreement between The University of Toledo Department of Geography and Planning and Department of Neighborhoods	City of Toledo	\$2,741	\$0	\$0	\$2,723	\$5,464
7235	Reid, Neil	PI	Graduate Student Internship Agreement Between the University of Toledo Department of Geography and Planning and Downtown Toledo Vision, Inc.	Downtown Toledo Vision, Inc.	\$7,000	\$0	\$0	\$9,403	\$16,403
7222	Reid, Neil	PI	Graduate Student Internship Agreement Between the University of Toledo Department of Geography and Planning and UT GIS Center	University of Toledo	\$0	\$0	\$0	\$0	\$0
7217	Reid, Neil	PI	Graduate Student Internship Agreement Between the University of Toledo Department of Geography and Planning and Centerior Energy	Centerior Energy	\$6,600	\$0	\$0	\$7,498	\$14,098
7086	Reid, Neil	PI	Graduate Student Internship Agreement Between University of Toledo Department of Geography and Planning and Eopa/Toledo-Lucas County Head Start	Head Start	\$5,100	\$0	\$0	\$5,388	\$10,488
7592	Reid, Neil	PI	Graduate Student Internship Agreement Between University of Toledo Department of Geography and Planning and UT GIS Center	University of Toledo	\$0	\$0	\$0	\$0	\$0
7135	Reid, Neil	PI	Graduate Student Internship Agreement Between the University of Toledo Department of Geography and Department of Neighborhoods	City of Toledo	\$7,412	\$0	\$0	\$8,084	\$15,496

<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>
7134	Reid, Neil	PI	Graduate Student Internship Agreement Between the University of Toledo Department of Geography and Department of Neighborhoods	City of Toledo	\$7,412	\$0	\$0	\$8,084	\$15,496
7129	Reid, Neil	PI	Graduate Student Internship Agreement Between the University of Toledo Department of Geography and Fair Housing Center	Fair Housing Center	\$7,000	\$0	\$0	\$9,403	\$16,403
7114	Reid, Neil	PI	Graduate Student Internship Agreement Between UT Department of Geography and Planning and Northriver Development Corporation	Northriver Development Corp	\$2,300	\$0	\$0	\$3,431	\$5,731
<i>Summary for Department of Geography and Planning (14 awards)</i>									
Sum					\$120,365	\$18,507	\$0	\$133,031	\$253,396
Percent					0.79%	1.03%	0.00%	3.03%	1.27%

Department of Geology

7405	Harrell, James	PI	Lockheed Martin Matching Gift Program For Colleges and Universities	Lockheed Martin	\$1,000	\$0	\$1,000	\$0	\$2,000
<i>Summary for Department of Geology (1 award)</i>									
Sum					\$1,000	\$0	\$1,000	\$0	\$2,000
Percent					0.01%	0.00%	0.29%	0.00%	0.01%

Department of History

7530	Messer-Kruse, Timoth	PI	Toledo's Attic Virtual Museum of Industrial History	Toledo's Attic	\$10,601	\$0	\$0	\$8,210	\$18,811
7425	Messer-Kruse, Timoth	PI	Toledo's Attic Virtual Museum of Industrial History	Ohio Humanities Council	\$2,200	\$0	\$0	\$0	\$2,200

<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 History (2 awards)</i>									
Sum					\$12,801	\$0	\$0	\$8,210	\$21,011
Percent					0.08%	0.00%	0.00%	0.19%	0.10%

Department of Mathematics

6697	Shields, Paul	PI	The Theory and Applications of Entropy	National Science Foundation	\$28,350	\$0	\$0	\$0	\$28,350
<i>Summary for Department of Mathematics (1 award)</i>									
Sum					\$28,350	\$0	\$0	\$0	\$28,350
Percent					0.19%	0.00%	0.00%	0.00%	0.14%

Department of Physics and Astronomy

7368	Bjorkman, Jon	PI	The Effects of Rotation On Stellar Winds: Asymmetries and Bipolar Structures in Circumstellar Environments	University of Wisconsin	\$17,605	\$0	\$0	\$6,670	\$24,275
7102	Bjorkman, Jon	PI	The Effects of Rotation On Stellar Winds: Asymmetries and Bipolar Structure in Circumstellar Environments	NASA Goddard Space Flight Center	\$100,000	\$22,790	\$0	\$0	\$100,000
7103	Bjorkman, Karen	PI	Effects of Rotation and Revised Ionization Balances On Estimates of Mass-Loss Rates For B Stars	NASA Goddard Space Flight Center	\$50,000	\$11,400	\$0	\$12,640	\$62,640
7104	Bjorkman, Karen	PI	Continuation of Analysis and Modeling of Hot Star Observations On the Astro-2 Mission Made By Wuppe	University of Wisconsin	\$78,000	\$18,974	\$0	\$0	\$78,000
7347	Compaan, Alvin	PI	Electrical and Optical Characterization of Photovoltaic Materials	Solar Cells, Inc.	\$22,313	\$2,927	\$0	\$0	\$22,313
7378	Compaan, Alvin	PI	High Efficiency Thin-Film Cadmium Telluride Based Solar Cells	National Renewable Energy Laboratory	\$81,000	\$19,555	\$0	\$82,780	\$163,780

<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>
6873	Curtis, Larry	PI	Semiempirical Studies of Atomic Structure	U.S. Department of Energy	\$76,000	\$15,190	\$0	\$43,995	\$119,995
7280	Deng, Xunming	PI	CVD Gases For High Efficiency Amorphous Silicon Photovoltaic Research	Voltair, Inc.	\$11,980	\$0	\$0	\$0	\$11,980
7342	Ellis, David	PI	Research Experiences For Undergraduates in Physics and Astronomy At the University of Toledo	National Science Foundation	\$50,750	\$6,000	\$0	\$57,834	\$108,584
7429	Federman, Steven	PI	The Evolution of Interstellar Gas -- Massive Stars and the Dispersal of Neutral Material	NASA Goddard Space Flight Center	\$77,000	\$18,506	\$0	\$15,700	\$92,700
6861	James, Philip	PI	Synoptic Monitoring of Seasonal Phenomena On Mars	Space Telescope Science Institute	\$42,907	\$7,838	\$0	\$21,871	\$64,778
7304	Kvale, Thomas	PI	Measurements of Scattering Processes in Negative Ion-Atom Collisions	U.S. Department of Energy	\$48,900	\$12,337	\$0	\$42,413	\$91,313
7088	Witt, Adolf Deng, Xunming	PI Co1	Near-IR Emission and Absorption Characteristics of Carbonaceous Grain Mantle Materials	NASA Goddard Space Flight Center	\$52,000	\$11,610	\$12,342	\$47,212	\$111,554
6924	Witt, Adolf	PI	Radiative Transfer Analysis of Dusty Astronomical Systems	NASA Goddard Space Flight Center	\$94,078	\$20,286	\$0	\$45,627	\$139,705
7008	Witt, Adolf	PI	Optical Properties of Carbonaceous Grain Mantle Materials With Silicon Impurities	NASA Goddard Space Flight Center	\$65,651	\$15,703	\$0	\$47,994	\$113,645

Summary for Department of Physics and Astronomy (15 awards)

Sum					\$868,184	\$183,116	\$12,342	\$424,736	\$1,305,262
Percent					5.68%	10.20%	3.63%	9.67%	6.52%

Department of Political Science and Public Administration

7242	Bachelor, Lynn	PI	Graduate Student Internship Agreement Between University of Toledo Department of Political Science and Lucas County Auditor	Lucas County Auditor	\$5,440	\$0	\$0	\$7,105	\$12,545
------	----------------	----	---	----------------------	---------	-----	-----	---------	----------

<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>
7431	Bachelor, Lynn	PI	Survey Research Agreement Between the University of Toledo and Northwest Ohio School-To-Work Alliance	NWO School-To-Work Alliance	\$3,885	\$0	\$0	\$2,696	\$6,581
7162	Balmaceda, Margarita	PI	Ford Foundation Postdoctoral Fellowship For Minorities Program Research At the Ukrainian Research Institute	National Research Council	\$29,500	\$0	\$0	\$44,532	\$74,032
<i>Summary for Department of Political Science and Public Administration (3 awards)</i>									
Sum					\$38,825	\$0	\$0	\$54,333	\$93,158
Percent					0.25%	0.00%	0.00%	1.24%	0.47%

Department of Psychology

7576	Bernieri, Frank	PI	Interactional Synchrony and Interpersonal Perception	National Science Foundation	\$25,000	\$2,273	\$0	\$4,917	\$29,917
7607	Elliott, Robert	PI	Graduate Student Externship Agreement Between the University of Toledo and Medical College of Ohio	Medical College of Ohio	\$10,976	\$0	\$0	\$11,724	\$22,700
7470	Ensing, David	PI	Promoting Recovery: Process and Outcomes of the Leadership Education and Training Program	Ohio Department of Mental Health	\$39,964	\$4,665	\$0	\$14,383	\$54,347
6972	Heffner, Henry	PI	Central Mechanisms Related To Tinnitus	Wayne State University	\$40,489	\$10,489	\$0	\$0	\$40,489
7243	Heffner, Rickye	PI	Cross-Modal Neuroplasticity in Blind Hamsters	U.S.-Israel Binational Science Fd.	\$6,750	\$750	\$0	\$2,240	\$8,990
7494	Heffner, Rickye	PI	Research Supplements to Promote the Recruitment of Individuals With Disabilities Into Biomedical Research Careers	National Institutes of Health	\$13,681	\$3,778	\$0	\$0	\$13,681
7446	Heffner, Rickye	PI	Evolution of Sensory Systems	National Institutes of Health	\$124,518	\$31,057	\$0	\$0	\$124,518

<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 Psychology (7 awards)</i>									
Sum					\$261,378	\$53,012	\$0	\$33,264	\$294,642
Percent					1.71%	2.95%	0.00%	0.76%	1.47%

Department of Sociology, Anthropology, and Social Work

7316	Groves, Patricia	PI	Program Evaluation For the City of Toledo Community Policing To Combat Domestic Violence	Toledo Police Department	\$5,000	\$0	\$0	\$2,068	\$7,068
6675	McGuire, Patrick	PI	Social Construction of Industry: Electricity in the U.S., 1880-1925	Stanford University	\$49,691	\$11,011	\$0	\$9,137	\$58,828
7647	Morrissey, Marietta	PI	Gender and Society Publication	Sociologists for Women and Society	\$1,500	\$0	\$0	\$706	\$2,206
7326	Morrissey, Marietta	PI	Work and Settlement Experiences of Migrant Farm Families in Sandusky County, Ohio: 1945-1997	American Sociological Association	\$2,446	\$0	\$0	\$954	\$3,400

Summary for Department of Sociology, Anthropology, and Social Work (4 awards)

Sum					\$58,637	\$11,011	\$0	\$12,865	\$71,502
Percent					0.38%	0.61%	0.00%	0.29%	0.36%

Lake Erie Soil and Water Research and Education Center

6982	Gottgens, Johan	PI	Long-term Nonpoint Pollution Abatement By a Lake Erie Marsh and Its Implication For Wetland Restoration Policies	Lake Erie Protection Fund	\$55,606	\$5,055	\$0	\$65,295	\$120,901
6975	Sinsabaugh, Robert	PI	Tracing Diffuse Sources of Fecal Contamination Through Phenotypic and Genotypic Characterization of E. Coli Isolates	Lake Erie Protection Fund	\$70,551	\$6,414	\$0	\$26,934	\$97,485

<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>
6262	Sinsabaugh, Robert	PI	The Duke University Program of Scientific Research Utilizing the Brookhaven/Duke Face User Facility in the Duke Forest	Duke University	\$27,000	\$6,125	\$0	\$6,292	\$33,292

Summary for Lake Erie Soil and Water Research and Education Center (3 awards)

Sum					\$153,157	\$17,594	\$0	\$98,521	\$251,678
Percent					1.00%	0.98%	0.00%	2.24%	1.26%

Plant and Science Research Facility

7527	Goldman, Stephen	PI	Northwest Ohio Plant Biotech Consortium	Ohio Board of Regents	\$340,000	\$0	\$35,000	\$34,000	\$409,000
-------------	------------------	----	---	-----------------------	-----------	-----	----------	----------	-----------

Summary for Plant and Science Research Facility (1 award)

Sum					\$340,000	\$0	\$35,000	\$34,000	\$409,000
Percent					2.22%	0.00%	10.29%	0.77%	2.04%

The Humanities Institute

7263	Ray, Roger	PI	Imperial Russia and the West: Images and Image Building in the Age of Catherine the Great	Ohio Humanities Council	\$15,350	\$0	\$30,799	\$7,644	\$53,793
-------------	------------	----	---	-------------------------	----------	-----	----------	---------	----------

Summary for The Humanities Institute (1 award)

Sum					\$15,350	\$0	\$30,799	\$7,644	\$53,793
Percent					0.10%	0.00%	9.05%	0.17%	0.27%

The Writing Center

7047	Mullin, Joan	PI	Early English Composition Assessment Program	Ohio Board of Regents	\$16,927	\$0	\$0	\$28,241	\$45,168
-------------	--------------	----	--	-----------------------	----------	-----	-----	----------	----------

<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 The Writing Center (1 award)</i>									
Sum					\$16,927	\$0	\$0	\$28,241	\$45,168
Percent					0.11%	0.00%	0.00%	0.64%	0.23%
Number of Awards for The College of Arts and Sciences = 82									
Sum					\$3,522,915	\$519,724	\$79,141	\$1,119,442	\$4,721,498
Percent					23.03%	28.96%	23.26%	25.48%	23.57%

The College of Business Administration

Information Systems and Operations Management

7319	Raghunathan, T.S.	PI	Graduate Student Internship Agreement Between University of Toledo College of Business Department of ISOM and Edgerton Forge, Inc.	Edgerton Forge, Inc.	\$2,800	\$0	\$0	\$2,808	\$5,608
7386	Raghunathan, T.S.	PI	Graduate Student Internship Agreement Between University of Toledo College of Business Department of ISOM and Lucas County Children Services	Lucas County Children Services	\$2,800	\$0	\$0	\$2,808	\$5,608
7489	Raghunathan, T.S.	PI	Graduate Student Internship Agreement Between University of Toledo College of Business Department of ISOM and Edgerton Forge, Inc.	Edgerton Forge, Inc.	\$2,800	\$0	\$0	\$2,808	\$5,608
7490	Raghunathan, T.S.	PI	Graduate Student Internship Agreement Between University of Toledo College of Business Department of ISOM and Lucas County Auditor	Lucas County Auditor	\$6,000	\$0	\$0	\$5,804	\$11,804
7495	Raghunathan, T.S.	PI	Graduate Internship Agreement between The University of Toledo College of Business Department of ISOM and Lucas County Children's Services	Lucas County Children Services	\$9,900	\$0	\$0	\$10,104	\$20,004

<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 Information Systems and Operations Management (5 awards)</i>									
Sum					\$24,300	\$0	\$0	\$24,332	\$48,632
Percent					0.16%	0.00%	0.00%	0.55%	0.24%

Northwest Ohio Center for Labor-Management Cooperation

7321	Fitts, Martin	PI	Center For Labor Management	City of Toledo	\$122,000	\$9,037	\$0	\$32,155	\$154,155
7515	Tomasi, Joseph	PI	Northwest Ohio Center For Labor-Management Cooperation	Ohio Department of Development	\$119,000	\$8,815	\$100,987	\$0	\$219,987
<i>Summary for Northwest Ohio Center for Labor-Management Cooperation (2 awards)</i>									
Sum					\$241,000	\$17,852	\$100,987	\$32,155	\$374,142
Percent					1.58%	0.99%	29.68%	0.73%	1.87%

Number of Awards for The College of Business Administration = 7

Sum					\$265,300	\$17,852	\$100,987	\$56,487	\$422,774
Percent					1.73%	0.99%	29.68%	1.29%	2.11%

The College of Education

Administration, College of Education

6948	Cryan, John	PI	Urban Education Service Corps - Year 2	Council of the Great City Schools	\$84,595	\$4,227	\$33,888	\$38,137	\$156,620
7200	Cryan, John	PI	Internship Agreement Between the University of Toledo and the Autistic Community of Northwest Ohio Bittersweet Farms	Autistic Community of Northwest Ohio	\$7,105	\$0	\$0	\$7,887	\$14,992
7027	Cryan, John	PI	Project Discovery At the University of Toledo	North Buckeye Educational Council	\$22,020	\$1,441	\$0	\$6,000	\$28,020

<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>
7181	Maynard, Jack	PI	Graduate Internship Agreement Between the University of Toledo and Lucas County Educational Service Center	Lucas County Educational Center	\$7,105	\$0	\$0	\$7,887	\$14,992
7143	Rusche, Philip	PI	PRAXIS III Pilot Study: Beginning Teacher Residency	Ohio Department of Education	\$34,500	\$0	\$0	\$0	\$34,500
<i>Summary for Administration, College of Education (5 awards)</i>									
Sum					\$155,325	\$5,668	\$33,888	\$59,911	\$249,124
Percent					1.02%	0.32%	9.96%	1.36%	1.24%

Center for Educational Research and Services

7507	Patterson, Amos	PI	Proposal For a Planning and Administrative Grant To Support the Development of a Vocational Education Telecommunity in the State of Ohio	Ohio Department of Education	\$25,000	\$0	\$0	\$0	\$25,000
<i>Summary for Center for Educational Research and Services (1 award)</i>									
Sum					\$25,000	\$0	\$0	\$0	\$25,000
Percent					0.16%	0.00%	0.00%	0.00%	0.12%

Department of Curriculum and Instruction

7286	Burch, Eileen	PI	Urban Minority Teacher Training Project	Ohio Department of Education	\$7,200	\$0	\$0	\$4,000	\$11,200
7284	Burch, Eileen	PI	Recruiting Minorities To Teaching (Project ReMiT)	Ohio Department of Education	\$41,275	\$0	\$25,800	\$53,369	\$120,444
7100	Dinnebeil, Laurie	PI	Early Childhood Model Inservice Training With Disabilities	U.S. Department of Education	\$146,082	\$8,180	\$0	\$32,949	\$179,031
7258	Gress, James	PI	The University of Toledo Teacher Education Diversity Initiatives	Ohio Department of Education	\$45,000	\$0	\$0	\$63,129	\$108,129

<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>
7292	Natsoulas, Anthula	PI	Computers, Mathematics and Urban Schools: Preparing For the Future in Toledo Public Schools	Corporation For Public Broadcasting	\$5,000	\$0	\$2,000	\$823	\$7,823
7453	Rop, Charles Weber, William	PI Co1	Toledo Teachers Integrating Mathematics and Science (TTIMS)	Ohio Board of Regents/Ohio Department of Education	\$58,997	\$4,370	\$3,500	\$28,311	\$90,808
7343	Sandmann, Alexa Mullin, Joan	PI Co1	Toledo Area Writing Project	UCLA-Berkeley	\$14,000	\$1,273	\$0	\$23,013	\$37,013
7354	Sandmann, Alexa Mullin, Joan	PI Co1	Toledo Area Writing Project	Toledo Public Schools	\$20,000	\$0	\$0	\$0	\$20,000
7093	Schaff, John	PI	1997 Ohio Junior Science and Humanities Symposium	Academy of Applied Science	\$13,500	\$0	\$2,500	\$0	\$16,000
7121	Weber, William	PI	Prism Class: Project Integration Science and Math Curriculum With Language Arts and Social Studies	Ohio Board of Regents	\$63,649	\$4,715	\$0	\$27,616	\$91,265
7362	Weber, William	PI	Teachers Teaching With Technology	University of Texas	\$1,500	\$0	\$600	\$925	\$3,025

Summary for Department of Curriculum and Instruction (11 awards)

Sum					\$416,203	\$18,538	\$34,400	\$234,135	\$684,738
Percent					2.72%	1.03%	10.11%	5.33%	3.42%

Department of Educational Leadership

7094	Baldwin, Grover	PI	Graduate Student Internship Agreement Between the University of Toledo College of Education and Ohio Northern University	Ohio Northern University	\$8,619	\$0	\$0	\$8,795	\$17,414
7234	Merritt, Daniel	PI	Graduate Student Internship Agreement Between University of Toledo Department of Educational Psychology and office of Accessibility	University of Toledo	\$0	\$0	\$0	\$0	\$0

<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>
7076	Piper, James	PI	Regional Personnel Development Center Grant	Ohio Department of Education	\$130,300	\$0	\$0	\$45,857	\$176,157
7171	Piper, James	PI	School-To-Work Integration Project Grant (Legal and Labor Considerations-Research, Resource Development and Training Recommendation)	Ohio Department of Education	\$60,000	\$0	\$0	\$17,895	\$77,895
7170	Piper, James	PI	School-To-Work Integration Project Grant (Mentor Training)	Ohio Department of Education	\$40,000	\$0	\$0	\$9,870	\$49,870
<i>Summary for Department of Educational Leadership (5 awards)</i>									
Sum					\$238,919	\$0	\$0	\$82,417	\$321,336
Percent					1.56%	0.00%	0.00%	1.88%	1.60%

Department of Educational Psychology, Research and Social Foundations

7394	Hamer, Lynne	PI	Juneteenth Celebration/Symposium and Curriculum	Ohio Humanities Council	\$2,000	\$0	\$0	\$7,406	\$9,406
7320	Jurs, Stephen Weiss, Steven	PI Co1	Facilities Approval Project: Research Component, Phase II	Ohio Department of Education	\$50,000	\$4,545	\$0	\$8,781	\$58,781
7671	Kinney, Mark	PI	Graduate Internship Agreement Between the University of Toledo and the Lisle Fellowship, Inc.	Lisle Fellowship, Inc.	\$7,301	\$0	\$0	\$8,438	\$15,739
7161	Kinney, Mark	PI	Graduate Internship Agreement Between the University of Toledo and the Lisle Fellowship, Inc.	Lisle Fellowship, Inc.	\$7,105	\$0	\$0	\$7,887	\$14,992
<i>Summary for Department of Educational Psychology, Research and Social Foundations (4 awards)</i>									
Sum					\$66,406	\$4,545	\$0	\$32,512	\$98,918
Percent					0.43%	0.25%	0.00%	0.74%	0.49%

Department of Health Promotion and Human Performance

<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>
7151	Andres, Fredrick	PI	Graduate Student Internship Agreement Between University of Toledo Department of Health Promotion and Riverside Hospital	Riverside Hospital	\$9,517	\$0	\$0	\$10,238	\$19,755
7180	Andres, Fredrick	PI	Graduate Student Internship Agreement Between University of Toledo Department of Health Promotion and Jewish Community Center	Jewish Community Center	\$26,643	\$0	\$0	\$31,482	\$58,125
7506	Andres, Fredrick	PI	Graduate Internship Agreement Between the University of Toledo Department of Health Promotion and Toledo Hospital	Toledo Hospital	\$5,182	\$0	\$0	\$5,218	\$10,400
7150	Andres, Fredrick	PI	Graduate Student Internship Agreement Between the Department of Health Promotion and Human Performance and Toledo Hospital	Toledo Hospital	\$72,633	\$0	\$0	\$73,096	\$145,729
7183	Flynn, Michael	PI	Potential Anti-Inflammatory and Immuno-Modulatory Effects of a Commercially Available Food Supplement	Coastside Research	\$1,700	\$0	\$0	\$0	\$1,700
7050	Ranck, Steven	PI	1996 National Youth Sports Program	City of Toledo	\$1,500	\$0	\$0	\$0	\$1,500
7473	Ranck, Steven	PI	1997 National Youth Sports Program	National Collegiate Athletic Association	\$47,400	\$0	\$0	\$88,000	\$135,400
7160	Rankin, James	PI	Graduate Internship Agreement in Athletic Training Between University of Toledo Department of Health and Human Performance and Health South Co	Health South Corporation	\$8,581	\$0	\$0	\$7,887	\$16,468
7591	Rankin, James	PI	Modification To the Graduate Student Internship in Athletic Training	Toledo Hospital	\$5,890	\$0	\$0	\$4,755	\$10,645
7130	Rankin, James	PI	Graduate Internship Agreement in Athletic Training Between University of Toledo Department of Health Promotion and Toledo Hospital Sports Care	Toledo Hospital	\$37,562	\$0	\$0	\$34,713	\$72,275
<i>Summary for Department of Health Promotion and Human Performance (10 awards)</i>									
Sum					\$216,608	\$0	\$0	\$255,389	\$471,997
Percent					1.42%	0.00%	0.00%	5.81%	2.36%

<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>
-------------	----------------------	-------------	----------------------	----------------	-------------------------	-----------------------------	------------------------	----------------------	--------------------

Department of Special Education Services

6944	Benjamin, Barbaranne	PI	Preschool Speech-Language Pathology Personnel Preparation Grant	U.S. Department of Education	\$113,018	\$4,650	\$0	\$69,102	\$182,120
7113	Carroll, Martha	PI	Graduate Student Internship Agreement Between the University of Toledo College of Education and Central Catholic High School	Central Catholic High School	\$7,105	\$0	\$0	\$8,079	\$15,184
7096	Carroll, Martha	PI	Graduate Student Internship Agreement Between University of Toledo College of Education and Ottawa Hills Board of Education	Ottawa Hills Board of Education	\$7,098	\$0	\$0	\$8,079	\$15,177
7353	Grossi, Teresa	PI	Project MORE Supplement	Ohio Association of Adult Services	\$52,674	\$0	\$0	\$10,906	\$63,580

Summary for Department of Special Education Services (4 awards)

Sum					\$179,895	\$4,650	\$0	\$96,166	\$276,061
Percent					1.18%	0.26%	0.00%	2.19%	1.38%

Number of Awards for The College of Education = 40

Sum					\$1,298,356	\$33,401	\$68,288	\$760,530	\$2,127,174
Percent					8.49%	1.86%	20.07%	17.31%	10.62%

The College of Engineering

Department of Bioengineering

6977	Cios, Krzysztof	PI	Knowledge Discovery Process For Characterization of Materials Failure Mechanism	NASA Lewis Research Center	\$17,671	\$5,450	\$0	\$6,235	\$23,906
-------------	-----------------	----	---	----------------------------	----------	---------	-----	---------	----------

<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>
7305	Cios, Krzysztof	PI	Knowledge Discovery Process For Characterization of Materials Failure Mechanism	NASA Lewis Research Center	\$28,500	\$7,828	\$0	\$7,580	\$36,080
7445	Fournier, Ronald	PI	A Program For Evaluating a Novel Bioartificial Pancreas Organoid For the Treatment of Insulin Dependent Diabetes Mellitus	Sentron Medical, Inc.	\$16,886	\$2,814	\$0	\$1,002	\$17,888
7111	Fournier, Ronald	PI	Continuation of Evaluation of a Novel Bioartificial Pancreas	Sentron Medical, Inc.	\$83,906	\$11,285	\$0	\$12,138	\$96,044
7329	Fournier, Ronald	PI	Planning Grant	Whitaker Foundation	\$50,000	\$0	\$0	\$9,471	\$59,471
7291	Sharfstein, Susan	PI	Biotechnology and Bioprocessing Laboratory	National Science Foundation	\$28,849	\$0	\$0	\$28,849	\$57,698
<i>Summary for Department of Bioengineering (6 awards)</i>									
Sum					\$225,812	\$27,377	\$0	\$65,275	\$291,087
Percent					1.48%	1.53%	0.00%	1.49%	1.45%

Department of Chemical and Environmental Engineering

7252	Abraham, Martin	PI	Catalytic Supercritical Water Oxidation	National Science Foundation	\$70,166	\$18,910	\$0	\$55,640	\$125,806
7277	Abraham, Martin LeBlanc, Steven	PI Co1	Development of An Environmental Chemical Engineering Laboratory	National Science Foundation	\$50,000	\$0	\$0	\$50,017	\$100,017
7232	Abraham, Martin	PI	Determination of Oxidation Mechanism Using Diffuse Reflectance FTIR	Guild Associates	\$35,000	\$6,390	\$0	\$11,845	\$46,845
7471	Abraham, Martin	PI	Evaluation of Catalytic Wet Oxidation For the Ultimate Conversion of Solid Wastes	NASA Ames Research Center	\$40,000	\$6,667	\$0	\$11,776	\$51,776
7599	Abraham, Martin	PI	Using Emission Master Throughout the Chemical Engineering Program	Mitchell Scientific, Inc.	\$30,000	\$0	\$0	\$0	\$30,000
7144	DeWitt, Kenneth	PI	NASA Space Grant and College Fellowship Program	Ohio Space Grant Consortium	\$5,000	\$0	\$0	\$0	\$5,000

<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>
7468	DeWitt, Kenneth	PI	Environmental Effects On Boundary Layer Transition	NASA Lewis Research Center	\$35,959	\$4,533	\$0	\$0	\$35,959
7179	DeWitt, Kenneth	PI	1996-97 Ohio Aerospace Institute Scholarships and Ms/Ph.D. Fellowships	Ohio Space Grant Consortium	\$51,000	\$0	\$0	\$50,982	\$101,982
7195	DeWitt, Kenneth	PI	MEMS Network	Case Western University	\$100,000	\$0	\$0	\$10,000	\$110,000
7136	DeWitt, Kenneth	PI	Environmental Effects On Boundary Layer Transition	NASA Lewis Research Center	\$42,000	\$5,507	\$0	\$0	\$42,000
6889	DeWitt, Kenneth	PI	Supplement To Detailed and Reduced Hydrocarbon Oxidation Chemistry	NASA Lewis Research Center	\$24,986	\$4,106	\$0	\$1,580	\$26,566
6887	DeWitt, Kenneth	PI	Improved Model For the Oxidative Pyrolysis of Hydrocarbon Fuels	NASA Lewis Research Center	\$101,121	\$15,912	\$0	\$6,478	\$107,599
7293	DeWitt, Kenneth	PI	Cold Start Ignition Module For the Hybrid Auto Vehicle - Phase 2	Teledyne	\$35,000	\$5,545	\$0	\$5,035	\$40,035
7315	LeBlanc, Steven	PI	UT Chemical Engineering Summer Workshop	National Science Foundation	\$71,876	\$10,935	\$0	\$37,876	\$109,752
7482	Lipscomb, Glenn	PI	The Influence of Shell-Side Flows On Mass Transfer in Hollow Fiber Membrane Modules	National Science Foundation	\$60,920	\$15,902	\$0	\$13,570	\$74,490
7369	Lipscomb, Glenn	PI	Development of An Instructional Web Site For the Introductory Chemical Engineering Class	OhioLINK	\$5,000	\$833	\$0	\$17,446	\$22,446
7197	Lipscomb, Glenn	PI	Ohio Molecular Computation and Simulation Network	University of Cincinnati	\$103,284	\$0	\$0	\$10,328	\$113,612
7283	Nadarajah, Arunan	PI	Investigation of the Growth Mechanism of Tetragonal Lysozyme Crystals	NASA Marshall Space Flight Center	\$78,879	\$6,678	\$0	\$66,045	\$144,924
7581	Nadarajah, Arunan	PI	Modeling the Observable Protein Crystal Growth Apparatus	University of California	\$67,426	\$17,919	\$0	\$14,192	\$81,618
<i>Summary for Department of Chemical and Environmental Engineering (19 awards)</i>									
Sum					\$1,007,617	\$119,837	\$0	\$362,810	\$1,370,427
Percent					6.59%	6.68%	0.00%	8.26%	6.84%

<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>Department of Civil Engineering</i>									
6633	Gupta, Jiwan Dollimore, David	PI Co1	Magnitude Assessment of Free and Hydrated Limes Present in RPCC Aggregates	Ohio Department of Transportation	\$169,096	\$36,841	\$0	\$112,913	\$282,009
7366	Gupta, Jiwan	PI	Design a Household Travel Characteristics Survey For the Toledo Metropolitan Area Council of Governments	Toledo Metropolitan Area Council of Governments	\$5,000	\$0	\$0	\$5,226	\$10,226
7338	Kumar, Ashok	PI	Updating the Indoor Radon Database For Ohio, and Preparation of a Monograph On Indoor Radon For Odm	Ohio Department of Health	\$46,808	\$0	\$0	\$78,179	\$124,987
7227	Kumar, Ashok	PI	Emission Calculations For the Cereal Plant At General Mills, Toledo Ohio	Ecological Services, Inc.	\$4,547	\$1,374	\$0	\$0	\$4,547
7153	Kumar, Ashok	PI	Development, Using 3-D Fluid Modeling of Improved Gaussian Dispersion Models For Cases of Building Downwash	Ohio Supercomputer	\$0	\$0	\$0	\$0	\$0
7099	Kumar, Ashok	PI	An Examination of Emission Calculation Procedures For Three Different Sources	Ecological Services, Inc.	\$9,297	\$2,591	\$0	\$0	\$9,297
7106	Kumar, Ashok	PI	Analysis For Title V(Caa) Compliance	Rockwell International	\$5,239	\$1,389	\$0	\$0	\$5,239
7118	Kumar, Ashok	PI	Full 3-D Dispersion Model To Develop Smaller Algorithms For Applied Usage	Ohio Supercomputer	\$0	\$0	\$0	\$0	\$0
7108	Parvin, Azadeh	PI	Supplement To Feasibility of Novel Bridge Subject To Lateral Forces	National Science Foundation	\$10,000	\$1,300	\$0	\$1,657	\$11,657
<i>Summary for Department of Civil Engineering (9 awards)</i>									
Sum					\$249,987	\$43,495	\$0	\$197,975	\$447,962
Percent					1.63%	2.42%	0.00%	4.51%	2.24%

Department of Electrical Engineering and Computer Science

<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>
7127	Kapoor, Vik	PI	Bandgap Engineering and Circuit Design For Low Temperature Space-Borne Power Electronics	NASA Lewis Research Center	\$50,000	\$5,152	\$0	\$94,965	\$144,965
7214	Kim, Junghwan	PI	Performance Analysis of American Terrestrial Digital Audio Broadcasting (DAB) Systems	Electronics and Telecommunications Research Institute	\$47,996	\$12,852	\$0	\$21,274	\$69,270
7622	King, Roger	PI	Saber Simulation of a Solar Electric Power System	MP International	\$6,878	\$1,574	\$0	\$0	\$6,878
7435	Kwatra, Subhash	PI	VLSI Implementation of Communications Systems	NASA Lewis Research Center	\$65,391	\$20,027	\$0	\$8,036	\$73,427
7411	Stuart, Thomas	PI	Development of a Turbine Control System For a Hybrid Electric Vehicle - Phase 2	Teledyne	\$35,000	\$5,915	\$0	\$8,643	\$43,643
7398	Stuart, Thomas	PI	A Battery Management System For Hybrid Electric Vehicles	Chrysler Corporation	\$37,506	\$10,151	\$0	\$5,534	\$43,040
7351	Stuart, Thomas	PI	A Selectable Ramp Equalizer For Electric Vehicle	Chrysler Corporation	\$72,867	\$19,961	\$0	\$8,036	\$80,903
7428	Stuart, Thomas	PI	A Battery Management System For Hybrid Electric Vehicles	Chrysler Corporation	\$93,727	\$24,357	\$0	\$12,584	\$106,311
7285	Stuart, Thomas	PI	A Battery Management System For Hybrid Electric Vehicles	Chrysler Corporation	\$62,476	\$16,954	\$0	\$6,064	\$68,540
7580	Stuart, Thomas	PI	A Battery Management System For Hybrid Electric Vehicles	Chrysler Corporation	\$33,769	\$8,463	\$0	\$2,502	\$36,271

Summary for Department of Electrical Engineering and Computer Science (10 awards)

Sum					\$505,610	\$125,406	\$0	\$167,638	\$673,248
Percent					3.31%	6.99%	0.00%	3.82%	3.36%

Department of Engineering Technology

7257	Niamat, Mohammed	PI	FPGA Implementation of the Xpatch Ray Tracer	Air Force Office of Scientific Research	\$25,000	\$6,650	\$0	\$13,620	\$38,620
-------------	------------------	----	--	---	----------	---------	-----	----------	----------

<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 (1 award)</i>									
Sum					\$25,000	\$6,650	\$0	\$13,620	\$38,620
Percent					0.16%	0.37%	0.00%	0.31%	0.19%

Department of Mechanical, Industrial, and Manufacturing Engineering

6963	Afjeh, Abdollah	PI	An Object-Oriented Model For Simulation of a Propulsion System	NASA Lewis Research Center	\$46,113	\$9,178	\$0	\$24,877	\$70,990
7439	Afjeh, Abdollah	PI	An Object-Oriented Model For Simulation of a Propulsion System	NASA Lewis Research Center	\$50,024	\$10,020	\$0	\$26,732	\$76,756
7376	Bennett, Robert	PI	Waste Analyses and Minimization Research Project: An Environmentally Conscious Manufacturing Initiative	Lucas County Solid Waste Division	\$250,000	\$41,667	\$0	\$93,912	\$343,912
7447	Chen, Frank	PI	Real-Time Hardware Based Simulator For FMS Control Optimization	National Science Foundation	\$100,000	\$9,091	\$0	\$90,250	\$190,250
7597	Chen, Frank	PI	Automated Vision Inspection of Machined Parts in FMS	Louisiana Technical University	\$6,000	\$545	\$0	\$0	\$6,000
7406	Chen, Frank	PI	Rapid Design and Analysis of Advanced Manufacturing Systems: A Decomposition-Transformation Approach	National Science Foundation	\$202,401	\$43,367	\$0	\$121,073	\$323,474
7458	Chen, Frank	PI	Intelligent Cell Engineering and Control: A Neural Network Approach	National Science Foundation	\$73,900	\$17,917	\$0	\$20,204	\$94,104
7457	Chen, Frank	PI	An Advanced Manufacturing System Design Methodology: The Concurrent Engineering Approach	National Science Foundation	\$1,686	\$0	\$0	\$0	\$1,686
7371	Fatemi, Ali	PI	Strain-Controlled Fatigue Behavior of Bar Steels Including Fabrication and Processing Effects	American Iron and Steel Institute	\$55,000	\$11,000	\$0	\$43,309	\$98,309
6784	Jeng, Duen-Ren	PI	Pulmonary Gas Diffusion and Uptake	Medical College of Ohio	\$29,100	\$0	\$0	\$36,236	\$65,336

<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>
7306	Jeng, Duen-Ren	PI	Pulmonary Gas Diffusion and Uptake	Medical College of Ohio	\$29,100	\$0	\$0	\$32,055	\$61,155
7897	Keith, Theo	PI	OAI Visiting Faculty	Ohio Aerospace Institute, Inc.	\$48,821	\$0	\$0	\$0	\$48,821
7159	Keith, Theo	PI	Application of Aeroelastic Solvers Based On Navier-Stokes Equations	NASA Lewis Research Center	\$84,718	\$11,358	\$0	\$0	\$84,718
6899	Keith, Theo	PI	Aeroelastic Analysis For Aeropropulsion Applications	NASA Lewis Research Center	\$76,668	\$15,019	\$0	\$6,952	\$83,620
7158	Keith, Theo	PI	Development of An Aeroelastic Analysis Including a Viscous Flow Model	NASA Lewis Research Center	\$54,918	\$7,476	\$0	\$0	\$54,918
7387	Keith, Theo	PI	Investigation of a Method To Reduce Cavitation Damage in Diesel Engine Bearings	NASA Lewis Research Center	\$40,000	\$7,839	\$0	\$0	\$40,000
7208	Keith, Theo	PI	Computation of Reacting Flows in Combustion Processes Using Unstructured Grids	NASA Lewis Research Center	\$106,186	\$13,924	\$0	\$0	\$106,186
7223	Keith, Theo	PI	Aeroelastic Stability and Response of Rotating Structures	NASA Lewis Research Center	\$70,000	\$9,545	\$0	\$0	\$70,000
7224	Keith, Theo	PI	Computational Simulation of Composite Behavior	NASA Lewis Research Center	\$103,190	\$13,886	\$0	\$0	\$103,190
7450	Keith, Theo	PI	Magnetic Fluid Friction and Wear Behavior	NASA Lewis Research Center	\$15,000	\$3,071	\$0	\$0	\$15,000
7300	Keith, Theo	PI	The Effect of Elastomeric Supports On Wave Journal Bearing Stability	Sundstrand Power Systems	\$7,000	\$927	\$0	\$0	\$7,000
7419	Keith, Theo	PI	Experimental Evaluation of Journal Bearing Stability and New Gas Wave Bearing Materials	NASA Lewis Research Center	\$72,187	\$9,622	\$0	\$0	\$72,187
7199	Keith, Theo	PI	University Laboratories in Tribology Research and Application (ULTRA)	Ohio Board of Regents	\$1,235,000	\$0	\$0	\$29,000	\$1,264,000
7379	Leo, Donald Naganathan, G.	PI Co1	Vehicular Applications of Smart Materials Systems	Chrysler Corporation	\$50,845	\$13,979	\$0	\$23,025	\$73,870

<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>
7661	Masiulaniec, Cyril Afjeh, Abdollah DeWitt, Kenneth	PI Co1 Co2	Development of a Preliminary Thermal Model for the Anti-icing of a Stagnation Pressure Probe	B F Goodrich	\$20,334	\$2,350	\$0	\$0	\$20,334
7513	McNichols, Roger	PI	Research and Development On Selected Agile Manufacturing Leading To Rapid Production of Low Volume Parts and Out of Production Tooling- DLA Subcontract	The Edison Industrial Systems Center	\$724,834	\$153,427	\$0	\$30,024	\$754,858
7365	Naganathan, G.	PI	A Computer-Aided Environment For Driveline Analysis and Specification	Dana Corporation	\$45,000	\$7,500	\$0	\$23,310	\$68,310
7377	Naganathan, G.	PI	Modeling of Net Shape Multilayer Transducers For 1.5d and 2d Medical Imaging Arrays	Material Systems, Inc.	\$27,615	\$6,733	\$0	\$23,538	\$51,153
7497	Ng, Terry	PI	Active Reduction of Skin Friction Drag	Eidetics Corporation	\$29,884	\$7,240	\$0	\$19,032	\$48,916
<i>Summary for Department of Mechanical, Industrial, and Manufacturing Engineering (29 awards)</i>									
Sum					\$3,655,524	\$426,681	\$0	\$643,529	\$4,299,053
Percent					23.90%	23.78%	0.00%	14.65%	21.46%

Polymer Institute

7266	Jabarin, Saleh	PI	Research Performed For Astro-Valcour, Inc.	Astro-Valcour, Inc.	\$3,650	\$0	\$0	\$0	\$3,650
7267	Jabarin, Saleh	PI	Research Performed For Lawson Mardon Packaging	Lawson Mardon Packaging	\$6,750	\$0	\$0	\$0	\$6,750
7265	Jabarin, Saleh	PI	Research Performed For Parkland Plastics	Parkland Plastics	\$7,745	\$0	\$0	\$0	\$7,745
7644	Jabarin, Saleh	PI	Research Performed for DevTech Labs	Devtech Labs	\$500	\$0	\$0	\$0	\$500
7268	Jabarin, Saleh	PI	Research Performed For Alcatel Submarine Network	Alcatel Submarine Network	\$1,225	\$0	\$0	\$0	\$1,225
7645	Jabarin, Saleh	PI	Research Performed for Blako Industries	Blako Industries, Inc.	\$10,300	\$0	\$0	\$0	\$10,300

<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>
7501	Jabarin, Saleh	PI	Industrial Consortium For Poly(Ethylene Terephthalate), PET, Research	Tetra Pak (Suisse), S.A.	\$20,000	\$0	\$0	\$0	\$20,000
7646	Jabarin, Saleh	PI	Research Performed for Mobil Chemical Company	Mobil Chemical Company	\$2,150	\$0	\$0	\$0	\$2,150
7264	Jabarin, Saleh	PI	Industrial Consortium For Poly (Ethylene Terephthalate) PET Research - 2nd Year	Amoco Corporation	\$20,000	\$0	\$0	\$0	\$20,000
7269	Jabarin, Saleh	PI	Research Performed For Plastipak	Plastipak	\$5,300	\$0	\$0	\$0	\$5,300
7508	Jabarin, Saleh	PI	Research Performed For Ausimon USA, Inc.	Ausimont USA, Inc.	\$6,375	\$0	\$0	\$0	\$6,375
7500	Jabarin, Saleh	PI	Industrial Consortium For Poly(Ethylene Terephthalate), PET, Research	Schmalbach-Lubeca	\$20,000	\$0	\$0	\$0	\$20,000
7510	Jabarin, Saleh	PI	Agreement Between the University of Toledo and the Edison Industrial Systems Center Supporting the PET Consortium	The Edison Industrial Systems Center	\$240,000	\$0	\$0	\$0	\$240,000
7098	Jabarin, Saleh	PI	Modification of Olefin Polymers With Quinacridone Red and Related Dopants	Owens Illinois, Inc.	\$50,000	\$0	\$0	\$0	\$50,000
7296	Jabarin, Saleh	PI	Industrial Consortium for Polyethylene Terephthalate (PET) Research	Eastman Chemical Company	\$15,000	\$0	\$0	\$0	\$15,000
7298	Jabarin, Saleh	PI	Industrial Consortium for Polyethylene Terephthalate (PET) Research	Shell Oil Company	\$20,000	\$0	\$0	\$0	\$20,000
7336	Jabarin, Saleh	PI	Research Performed For Rhe-Tech, Inc.	Rhetechn, Inc.	\$700	\$0	\$0	\$0	\$700
7335	Jabarin, Saleh	PI	Research Performed For Gecom Corporation	Gecom Corporation	\$1,050	\$0	\$0	\$0	\$1,050
7334	Jabarin, Saleh	PI	Research Performed For Sterlong Laboratories	Sterling Laboratories	\$13,310	\$0	\$0	\$0	\$13,310
7318	Jabarin, Saleh	PI	Industrial Consortium for Polyethylene Terephthalate (PET) Research	ICI Chemicals	\$20,000	\$0	\$0	\$0	\$20,000
7550	Jabarin, Saleh	PI	Industrial Consortium For Poly(Ethylene Terephthalate), PET, Research	Sunkyong Industries, Ltd	\$25,000	\$0	\$0	\$0	\$25,000

<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>
7332	Jabarin, Saleh	PI	Industrial Consortium For Poly(Ethylene Terephthalate) PET, Research	Dow Europe S.A.	\$25,000	\$0	\$0	\$0	\$25,000
7549	Jabarin, Saleh	PI	Industrial Consortium For Poly(Ethylene Terephthalate), PET, Research	Coca-Cola	\$20,000	\$0	\$0	\$0	\$20,000
7509	Jabarin, Saleh	PI	Research Performed For Hoechst Celanese	Hoechst Celanese Corporation	\$9,884	\$0	\$0	\$0	\$9,884
7402	Jabarin, Saleh	PI	Research Performed For Fremont Plastic Products, Inc.	Fremont Plastic Products, Inc.	\$10,000	\$0	\$0	\$0	\$10,000
7204	Jabarin, Saleh	PI	Research Performed For Clorox Company	Clorox Company	\$600	\$0	\$0	\$0	\$600
7205	Jabarin, Saleh	PI	Research Performed For Sabel Plastechs	Sabel Plastechs	\$1,500	\$0	\$0	\$0	\$1,500
7404	Jabarin, Saleh	PI	Research Performed For Toltest, Inc.	TolTest, Inc.	\$1,030	\$0	\$0	\$0	\$1,030
7178	Jabarin, Saleh	PI	Research Performed For Encon, Inc.	Encon, Inc.	\$32,000	\$0	\$0	\$0	\$32,000
7177	Jabarin, Saleh	PI	Research Performed For Johnson Controls	Johnson Controls	\$20,000	\$0	\$0	\$0	\$20,000
7176	Jabarin, Saleh	PI	Research Performed For EP Technologies	E.P. Technologies	\$4,292	\$0	\$0	\$0	\$4,292
7486	Jabarin, Saleh	PI	Research Performed For Clean Tech	Clean Tech	\$800	\$0	\$0	\$0	\$800
7485	Jabarin, Saleh	PI	Research Performed For Continental Plastics	Continental Plastics	\$1,300	\$0	\$0	\$0	\$1,300
7203	Jabarin, Saleh	PI	Research Performed For Boston Scientific	Boston Scientific	\$1,800	\$0	\$0	\$0	\$1,800
7484	Jabarin, Saleh	PI	Research Performed For Schmalbach-Lubeca	Schmalbach-Lubeca	\$5,850	\$0	\$0	\$0	\$5,850
7430	Jabarin, Saleh	PI	Industrial Consortium For Poly(Ethylene Terephthalate), PET, Research	Ball Corporation	\$25,000	\$0	\$0	\$0	\$25,000
7483	Jabarin, Saleh	PI	Computer Simulation of Plastic Forming Processes	Owens Illinois, Inc.	\$100,000	\$0	\$0	\$0	\$100,000
7403	Jabarin, Saleh	PI	Research Performed For Wellman, Inc.	Wellman, Inc.	\$32,000	\$0	\$0	\$0	\$32,000

<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>
7146	Jabarin, Saleh	PI	Research Performed For Owens-Illinois	Owens Illinois, Inc.	\$55,175	\$0	\$0	\$0	\$55,175
7499	Jabarin, Saleh	PI	Research Performed For Tetrapak	Tetra Pak (Suisse), S.A.	\$6,000	\$0	\$0	\$0	\$6,000
7201	Jabarin, Saleh	PI	Research Performed For Monarch Analytical	Monarch Analytical	\$1,490	\$0	\$0	\$0	\$1,490
7498	Jabarin, Saleh	PI	Research Performed For Morton International	Morton International	\$975	\$0	\$0	\$0	\$975
7612	Jabarin, Saleh	PI	Research For PET Consortium	Husky Injection Molding Systems, Inc.	\$20,000	\$0	\$0	\$0	\$20,000
7145	Jabarin, Saleh	PI	Optimization of 96-Cavity Manifold	Johnson Controls	\$34,000	\$0	\$0	\$0	\$34,000
7147	Jabarin, Saleh	PI	Research Performed For Liqui-Box	Liqui-Box	\$7,000	\$0	\$0	\$0	\$7,000
7148	Jabarin, Saleh	PI	Research Performed For K-Omega	K-Omega	\$2,100	\$0	\$0	\$0	\$2,100
7202	Jabarin, Saleh	PI	Research Performed For Dow North America	Dow Chemical	\$29,800	\$0	\$0	\$0	\$29,800
7149	Jabarin, Saleh	PI	Research Performed For PepsiCo	Pepsi-Cola	\$2,000	\$0	\$0	\$0	\$2,000

Summary for Polymer Institute (48 awards)

Sum					\$938,651	\$0	\$0	\$0	\$938,651
Percent					6.14%	0.00%	0.00%	0.00%	4.69%

Number of Awards for The College of Engineering = 122

Sum					\$6,608,201	\$749,446	\$0	\$1,450,847	\$8,059,048
Percent					43.20%	41.76%	0.00%	33.02%	40.24%

The College of Law

College of Law

<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>
7025	Kennedy, Robin	PI	Law School Clinical Experience Program	U.S. Department of Education	\$35,583	\$0	\$15,000	\$49,606	\$100,189

Summary for College of Law (1 award)

Sum					\$35,583	\$0	\$15,000	\$49,606	\$100,189
Percent					0.23%	0.00%	4.41%	1.13%	0.50%

Number of Awards for The College of Law = 1

Sum					\$35,583	\$0	\$15,000	\$49,606	\$100,189
Percent					0.23%	0.00%	4.41%	1.13%	0.50%

The College of Pharmacy

Center for Drug Design and Development

7341	Erhardt, Paul	PI	Alprostadil Analyses	Pharmacia And Upjohn	\$18,896	\$3,716	\$0	\$0	\$18,896
-------------	---------------	----	----------------------	----------------------	----------	---------	-----	-----	----------

Summary for Center for Drug Design and Development (1 award)

Sum					\$18,896	\$3,716	\$0	\$0	\$18,896
Percent					0.12%	0.21%	0.00%	0.00%	0.09%

Department of Medicinal and Biological Chemistry

7448	Hinman, Channing	PI	Measurements of Antibody Against Acetylcholine Receptor	Neuro Immunologic Disease Inst.	\$3,000	\$0	\$0	\$0	\$3,000
7442	Hudson, Richard	PI	Reflux Esophagitis	Tulane University	\$68,000	\$11,333	\$0	\$6,533	\$74,533
7075	McInerney, Marcia	PI	The Role of Insulin Receptor T Cells in Type I Diabetes	National Institutes of Health	\$90,664	\$20,664	\$0	\$31,524	\$122,188

<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>
7392	McInerney, Marcia	PI	The Role of Insulin Receptor Positive T Cells in Type 1 Diabetes	American Diabetes Association	\$49,548	\$0	\$0	\$9,145	\$58,693
7000	Messer, William	PI	Development of Amidines As Selective Muscarinic Agonists	National Institutes of Health	\$221,240	\$52,428	\$0	\$30,892	\$252,132
6886	Messer, William	PI	Molecular Studies of Muscarinic Receptor Subtypes	National Institutes of Health	\$174,028	\$54,023	\$0	\$10,797	\$184,825
7112	Nagy, Peter	PI	Rational Design, Synthesis and Characterization of Novel Ballistic Polymers	DASGroup, Inc.	\$10,000	\$909	\$0	\$2,535	\$12,535
7611	Nagy, Peter	PI	Molecular Modeling For Substituted Guanidines	Cambridge Neuroscience	\$6,000	\$0	\$0	\$2,274	\$8,274
7196	Slama, James	PI	Ohio NMR Consortium: An Outstanding Opportunity For Ohio	Ohio State University	\$30,000	\$0	\$0	\$3,000	\$33,000
7359	Wall, Katherine	PI	Peptide Strategies For Prevention of Autoimmune Myasthenia	University of Texas	\$45,139	\$10,067	\$0	\$9,230	\$54,369
<i>Summary for Department of Medicinal and Biological Chemistry (10 awards)</i>									
Sum					<i>\$697,619</i>	<i>\$149,424</i>	<i>\$0</i>	<i>\$105,930</i>	<i>\$803,549</i>
Percent					<i>4.56%</i>	<i>8.33%</i>	<i>0.00%</i>	<i>2.41%</i>	<i>4.01%</i>

Department of Pharmacology

7294	Bachmann, Kenneth	PI	Double-Blind Single-Dose Multicenter Study to Compare Antipyretic Effect of Mk-0966 Ibuprofen and Placebo in Patients With Fever Due to IRTI	Merck Research Labs	\$39,418	\$5,141	\$0	\$0	\$39,418
7110	Bachmann, Kenneth	PI	Study Manager For the Center For Applied Pharmacology - Year 5	St. Vincent Medical Center	\$13,904	\$0	\$0	\$0	\$13,904
7126	Bachmann, Kenneth	PI	4-Week Study of the Safety Tolerability Effect On Ecg Parameters of Orally Administered Brl 32872a in Patients With History of Arrhythmia	Smith Kline Beecham	\$79,110	\$13,185	\$0	\$0	\$79,110

<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 Pharmacology (3 awards)</i>									
Sum					\$132,432	\$18,326	\$0	\$0	\$132,432
Percent					0.87%	1.02%	0.00%	0.00%	0.66%

Department of Pharmacy Practice

7279	Mauro, Vincent	PI	Syncope Education	Pfizer, Inc.	\$200	\$0	\$0	\$0	\$200
<i>Summary for Department of Pharmacy Practice (1 award)</i>									
Sum					\$200	\$0	\$0	\$0	\$200
Percent					0.00%	0.00%	0.00%	0.00%	0.00%

Number of Awards for The College of Pharmacy = 15

Sum					\$849,147	\$171,466	\$0	\$105,930	\$955,077
Percent					5.55%	9.55%	0.00%	2.41%	4.77%

University College

Administration, University College

7460	Moon, Henry	PI	Implementing Grant Writing Ability in the Owens Corning-University College Partnership	Owens Corning	\$42,884	\$0	\$0	\$21,009	\$63,893
<i>Summary for Administration, University College (1 award)</i>									
Sum					\$42,884	\$0	\$0	\$21,009	\$63,893
Percent					0.28%	0.00%	0.00%	0.48%	0.32%

Urban Affairs Center

<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>
7496	Randall, Ronald	PI	Preparation of a Commercial District Building Inventory and Database	Lagrange Development Corporation	\$2,707	\$0	\$0	\$3,205	\$5,912
6799	Randall, Ronald	PI	Redlining: Availability of Replacement Cost Policies	Cooper, Straub, Walinski	\$14,300	\$1,300	\$0	\$2,793	\$17,093
7231	Randall, Ronald	PI	Ohio Economic Development Information Network (Es202 Project)	Cleveland State University	\$10,000	\$0	\$0	\$0	\$10,000
6870	Randall, Ronald	PI	Racial and Ethnic Representation of the Lucas County Jury System	Lucas County Common Pleas Court	\$18,320	\$4,719	\$0	\$0	\$18,320
6965	Randall, Ronald	PI	Review and Assessment of Current and Alternative Funding and Organizational Mechanisms For the Delivery of Publicly-Funded Human Services	Lucas County Commissioners	\$45,008	\$7,501	\$0	\$9,832	\$54,840
7198	Randall, Ronald	PI	Ohio GIS Network: A Research and Public Policy Technology For the 21st Century	Cleveland State University	\$54,000	\$0	\$0	\$5,400	\$59,400
7247	Randall, Ronald	PI	Urban University Program, 1997-98	Ohio Board of Regents					
7256	Stoecker, Randy	PI	The Inter-Comm Project: An Internet-Based Inter Community Networking Strategy	Cleveland State University	\$4,160	\$0	\$45,250	\$34,507	\$83,917

Summary for Urban Affairs Center (8 awards)

Sum					\$148,495	\$13,520	\$45,250	\$55,737	\$249,482
Percent					0.97%	0.75%	13.30%	1.27%	1.25%

Number of Awards for University College = 9

Sum					\$191,379	\$13,520	\$45,250	\$76,746	\$313,375
Percent					1.25%	0.75%	13.30%	1.75%	1.56%

University Community and Technical 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>
7534	Edwards, Mary	PI	P.A.T.E. Project (Providing Access To Technological Education)	Ohio Department of Education	\$12,000	\$0	\$0	\$7,591	\$19,591
7551	Edwards, Mary	PI	Project Leap	Lucas County Department of Human Services	\$40,000	\$2,963	\$0	\$10,488	\$50,488
7065	Lettman, Dennis	PI	Project Leap: Skills Enhancement	Lucas County Department of Human Services	\$19,996	\$1,482	\$0	\$5,482	\$25,478
6998	Lettman, Dennis	PI	Grant For Implementation of the Jobs Foundation Program	Columbus State Community College	\$370,000	\$21,272	\$0	\$78,276	\$448,276
6989	Linker, Carol	PI	Project KEEP: Student Retention 1996-97	Toledo Area Private Industry Council	\$60,582	\$0	\$0	\$23,968	\$84,550
6987	Linker, Carol	PI	Project G.A.T.E.: Gaining Access To Technology Education	Toledo Area Private Industry Council	\$22,656	\$0	\$0	\$9,655	\$32,311
6940	Linker, Carol	PI	Project PATE: Promoting Access in Technical Education	Ohio Department of Education	\$11,992	\$0	\$0	\$7,591	\$19,583
7578	Sullivan, Jerome	PI	Tech Prep Curriculum Pathway Articulation	Northwest Ohio Tech Prep Consortium	\$6,000	\$0	\$0	\$2,483	\$8,483
7250	Sullivan, Jerome	PI	Project T.E.A.C.H.	Ohio Department of Education	\$44,946	\$0	\$7,900	\$46,257	\$99,103
7022	Sullivan, Jerome	PI	Development of the Toledo Technology Academy - NSF Subcontract	The Edison Industrial Systems Center	\$109,357	\$0	\$0	\$64,486	\$173,843
<i>Summary for Administration, University Community and Technical College (10 awards)</i>									
Sum					\$697,529	\$25,717	\$7,900	\$256,277	\$961,706
Percent					4.56%	1.43%	2.32%	5.83%	4.80%

<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>
-------------	----------------------	-------------	----------------------	----------------	-------------------------	-----------------------------	------------------------	----------------------	--------------------

Business Technologies

7535	Hummer, Thomas	PI	Productivity Improvement Challenge Program Grant to Support QS9000 Services Capability Building at the Enterprise Ohio Business and Industry Training Center	Ohio Board of Regents	\$10,000	\$0	\$23,703	\$4,586	\$38,289
-------------	----------------	----	--	-----------------------	----------	-----	----------	---------	----------

Summary for Business Technologies (1 award)

Sum					\$10,000	\$0	\$23,703	\$4,586	\$38,289
Percent					0.07%	0.00%	6.97%	0.10%	0.19%

Department of General Studies

7080	Gerlach, James	PI	Two Year College Strategic Plan (Perkins)	Ohio Department of Education	\$69,668	\$0	\$0	\$24,374	\$94,042
-------------	----------------	----	---	------------------------------	----------	-----	-----	----------	----------

Summary for Department of General Studies (1 award)

Sum					\$69,668	\$0	\$0	\$24,374	\$94,042
Percent					0.46%	0.00%	0.00%	0.55%	0.47%

Number of Awards for University Community and Technical College = 12

Sum					\$777,197	\$25,717	\$31,603	\$285,237	\$1,094,037
Percent					5.08%	1.43%	9.29%	6.49%	5.46%

Centers and Institutes

Center for International Studies and Programs

7239	Loughrin-Sacco, Stev	PI	Seminar On Mexican Perspectives of the North American Free Trade Agreement	U.S. Department of Education	\$31,000	\$0	\$0	\$7,250	\$38,250
-------------	----------------------	----	--	------------------------------	----------	-----	-----	---------	----------

<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>
-------------	----------------------	-------------	----------------------	----------------	-------------------------	-----------------------------	------------------------	----------------------	--------------------

Summary for Center for International Studies and Programs (1 award)

Sum					\$31,000	\$0	\$0	\$7,250	\$38,250
Percent					0.20%	0.00%	0.00%	0.17%	0.19%

Number of Awards for Centers and Institutes = 1

Sum					\$31,000	\$0	\$0	\$7,250	\$38,250
Percent					0.20%	0.00%	0.00%	0.17%	0.19%

Administrative Affairs

University Police

7648	Skonecki, Joseph	PI	COPS Program	U.S. Department of Justice	\$219,749	\$219,749	\$0	\$176,601	\$396,350
-------------	------------------	----	--------------	----------------------------	-----------	-----------	-----	-----------	-----------

Summary for University Police (1 award)

Sum					\$219,749	\$219,749	\$0	\$176,601	\$396,350
Percent					1.44%	12.24%	0.00%	4.02%	1.98%

Number of Awards for Administrative Affairs = 1

Sum					\$219,749	\$219,749	\$0	\$176,601	\$396,350
Percent					1.44%	12.24%	0.00%	4.02%	1.98%

Undergraduate and Graduate Education

Administration, Administrative Affairs

<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>
7492	Repp, Thomas	PI	Special Purpose Grant For Renovation and Rehabilitation of the North Engineering Building	Department of Housing and Urban Development	\$500,000	\$0	\$0	\$0	\$500,000
6651	Skonecki, Joseph	PI	Cops Program	U.S. Department of Justice	\$225,000	\$0	\$0	\$57,946	\$282,946
<i>Summary for Administration, Administrative Affairs (2 awards)</i>									
Sum					\$725,000	\$0	\$0	\$57,946	\$782,946
Percent					4.74%	0.00%	0.00%	1.32%	3.91%

Administration, University Office of Research

7131	Fry, James	PI	Support For the Northwest Ohio Economic Information Center	Regional Growth Partnership	\$0	\$0	\$0	\$31,192	\$31,192
7249	Nogy, Jerry	PI	Toledo Metro Network	Toledo Lucas County Library	\$34,877	\$0	\$0	\$0	\$34,877
<i>Summary for Administration, University Office of Research (2 awards)</i>									
Sum					\$34,877	\$0	\$0	\$31,192	\$66,069
Percent					0.23%	0.00%	0.00%	0.71%	0.33%

The Graduate School

7314	Bulmahn, Heinz	PI	Student Achievement in Research and Scholarship (STARS) Program, 1996-97	Ohio Board of Regents	\$3,100	\$0	\$0	\$0	\$3,100
<i>Summary for The Graduate School (1 award)</i>									
Sum					\$3,100	\$0	\$0	\$0	\$3,100
Percent					0.02%	0.00%	0.00%	0.00%	0.02%

<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 Undergraduate and Graduate Education = 5</i>									
Sum					\$762,977	\$0	\$0	\$89,138	\$852,115
Percent					4.99%	0.00%	0.00%	2.03%	4.25%

Student Services

Admissions

7101	Kwapich, Catherine	PI	Statewide Transfer Directory	Ohio Association of College Admission Counselors	\$1,900	\$0	\$0	\$0	\$1,900
<i>Summary for Admissions (1 award)</i>									
Sum					\$1,900	\$0	\$0	\$0	\$1,900
Percent					0.01%	0.00%	0.00%	0.00%	0.01%

Center for Women

7115	Terry, Ardenia	PI	Displaced Homemakers' Program	Ohio Board of Regents	\$68,905	\$0	\$0	\$0	\$68,905
<i>Summary for Center for Women (1 award)</i>									
Sum					\$68,905	\$0	\$0	\$0	\$68,905
Percent					0.45%	0.00%	0.00%	0.00%	0.34%

Division of Student Affairs

7206	Matani, Shaily	PI	University of Toledo Sexual Assault Education and Prevention Program	Ohio Department of Health	\$38,400	\$0	\$0	\$59,924	\$98,324
-------------	----------------	----	--	---------------------------	----------	-----	-----	----------	----------

<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>
6636	Terry, Ardenia	PI	University of Toledo Sexual Assault Education and Prevention Program	Ohio Department of Health	\$5,500	\$0	\$0	\$38,586	\$44,086
7327	Whitner, Phillip	PI	Project To Reduce Binge Drinking	Ohio Parents For Drug Free Youth	\$2,500	\$0	\$0	\$0	\$2,500
8056	Young, David	PI	Upward Bound Program	U.S. Department of Education	\$298,624	\$20,873	\$0	\$56,591	\$355,215
<i>Summary for Division of Student Affairs (4 awards)</i>									
Sum					\$345,024	\$20,873	\$0	\$155,101	\$500,125
Percent					2.26%	1.16%	0.00%	3.53%	2.50%

Office of Multicultural Student Development

6428	Smith-Scott, Monica	PI	Reclaiming Our Strength: Empowerment Through History, Music and Art	Toledo Lucas County Library	\$1,000	\$0	\$0	\$2,511	\$3,511
7669	Terry, Ardenia Young, David	PI Dir	Upward Bound Program	U.S. Department of Education	\$310,569	\$21,861	\$0	\$58,419	\$368,988
7193	Terry, Ardenia	PI	1996 Summer Food Service Program	Ohio Department of Education	\$2,054	\$0	\$0	\$0	\$2,054
<i>Summary for Office of Multicultural Student Development (3 awards)</i>									
Sum					\$313,623	\$21,861	\$0	\$60,930	\$374,553
Percent					2.05%	1.22%	0.00%	1.39%	1.87%

Number of Awards for Student Services = 9

Sum					\$729,452	\$42,734	\$0	\$216,031	\$945,483
Percent					4.77%	2.38%	0.00%	4.92%	4.72%

Carlson Library

<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>
-------------	----------------------	-------------	----------------------	----------------	-------------------------	-----------------------------	------------------------	----------------------	--------------------

Local Public Documents Room/Carlson Library

7472	Baldwin, Julia	PI	Maintenance and Operation of the Local Public Document Room	Nuclear Regulatory Commission	\$3,946	\$1,044	\$0	\$0	\$3,946
-------------	----------------	----	---	-------------------------------	---------	---------	-----	-----	---------

Summary for Local Public Documents Room/Carlson Library (1 award)

Sum					\$3,946	\$1,044	\$0	\$0	\$3,946
Percent					0.03%	0.06%	0.00%	0.00%	0.02%

Number of Awards for Carlson Library = 1

Sum					\$3,946	\$1,044	\$0	\$0	\$3,946
Percent					0.03%	0.06%	0.00%	0.00%	0.02%

Grand Total Total Number of Awards = 305

\$15,295,202	\$1,794,653	\$340,269	\$4,393,845	\$20,029,316
--------------	-------------	-----------	-------------	---------------------