

Report on Compliance with Requirements Applicable to Each Major Program and on Internal Control Over Compliance in Accordance with OMB Circular A-133

To the Board of Trustees
University of Toledo

Compliance

We have audited the compliance of the University of Toledo (the "University") with the types of compliance requirements described in the U.S. Office of Management and Budget (OMB) Circular A-133 Compliance Supplement that are applicable to its major federal program for the year ended June 30, 2008. The major federal program of the University is identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts, and grants applicable to its major federal program is the responsibility of the University's management. Our responsibility is to express an opinion on the University's compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination on the University's compliance with those requirements.

In our opinion, the University complied, in all material respects, with the requirements referred to above that are applicable to its major federal program for the year ended June 30, 2008.

To the Board of Trustees
University of Toledo

Internal Control Over Compliance

The management of the University is responsible for establishing and maintaining effective internal control over compliance with the requirements of laws, regulations, contracts, and grants applicable to federal programs. In planning and performing our audit, we considered the University's internal control over compliance with the requirements that could have a direct and material effect on a major federal program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the entity's internal control over compliance.

A control deficiency in an entity's internal control over compliance exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect noncompliance with a type of compliance requirement of a federal program on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to administer a federal program such that there is more than a remote likelihood that noncompliance with a type of compliance requirement of a federal program that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that material noncompliance with a type of compliance requirement of a federal program will not be prevented or detected by the entity's internal control.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

This report is intended solely for the information and use of management, trustees, federal awarding agencies, and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

Plante & Moran, PLLC

October 13, 2008

University of Toledo

Schedule of Expenditures of Federal Awards Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
STUDENT FINANCIAL AID CLUSTER			
US Department of Education Job Location Development Grant	84.003	P033A023313	\$ 39
Federal Workstudy FY08	84.003	P033A023313	1,130,791
US Department of Education Pell FY08	84.063	P033A023313	13,285,314
Federal Supplemental Educational Opportunity Grant (FSEOG) FY 08	84.007	P033A023313	1,027,800
Smart Grant	84.376	P033A023313	258,321
Academic Competitiveness Grant	84.375	P033A023313	702,089
Carl D. Perkins Grant FY08	84.038	P033A023313	48,354
Total Financial Aid			16,452,708
Research and Development CLUSTER			
Department of Agriculture			
Solvent Screening in Mitigation of the Tomato Lye Peeling Process	10.001		4,871
Defining the role of Caustic in the Tomato Lye Peeling Process	10.001		914
USDA SCA environmental Effects of Virus Infection on Bedding Plants	10.001		226,871
Determine Natural Product Induction in Legumes and the Pharmacologic Consequences in Human Model Systems	10.001		1,089,437
Fate of Agrochemicals in the Greenhouse	10.001		12,292
Enhancing Greenhouse Soilless Culture Production with Improved Disease and Pest Management	10.001		2,328
Biomonitoring of Nutritional and Environmental Stress in Plants	10.001		114,872
Support of Agricultural Research of Mutual Interest	10.001		24,641
Fate of Agrochemicals in the Greenhouse	10.001		598
Determine Natural Product Induction in Legumes and the Pharmacologic Consequences in Human Model Systems	10.001		(867,533)
Support of Agricultural Research of Mutual Interest	10.001		3,597
Partnership for Pharmaceutical & Economic Development of Wild Lebanese Plants	10.001		533,807
Greenhouse Nurseries	10.200		46,613
Phytoremediation Plant Research	10.200		39,659
Monitoring Agricultural Sewer Sludge	10.200		487,844
Monitoring Agricultural Sewage Sludge Application, OH	10.200		47,522
Monitoring Agricultural Sewage Sludge	10.200		170,303
Enhancing the Economic Competitiveness of Ohio's Greenhouse Industry	10.200		(10,032)
Potential Environmental and Health Impacts of Sewage Sludge Applications	10.200		68,372
Monitoring Agricultural Sewage Sludge	10.200		3,989
Dietary and Genetic Risk Factors in Obesity and Diabetes	10.200		128,530
Phytoremediation Plant Research	10.200		441,893
Dietary Intervention	10.200		151,201
Dietary Intervention	10.200		44,668
Phytoremediation	10.200		535,405
Monitoring Agricultural Sewage Sludge	10.200		442,059
Dietary and Genetic Risk Factors in Obesity and Diabetes	10.200		2,045
Greenhouse Nurseries	10.203		334,310
A Partnership for Pharmaceutical and Economic Development of Wild Lebanese Plants	10.206		164,227
Interacting Microbial x Chemical x Nitrogen Controls on Litter-to-Human Transformation	10.206		34,066

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Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Department of Agriculture (Continued)			
Watershed Modeling for Rock Creek	10.224		\$ 10,977
Evaluating the Economic Costs and Benefits of Slowing the Spread of the Emerald Ash Borer in Ohio and Michigan	10.250		93,052
Biodiesel from Algae: A Pilot Study on the Feasibility of Lake Erie Algae	10.500		42,759
Sponsoring the International Conference on Landscape Ecology: Chengdu, China in 2008	10.652		4,875
Coupling the Effects of Management and Climate on Carbon and Water Fluxes in the Forests of Eastern U.S. and P.R.C.	10.652		84,259
Coupling the Effects of Management and Climate on Carbon and Water Fluxes in the Forests of Eastern U.S. and P.R.C.	10.652		7,275
Maumee River Watershed GIS and Remote Sensing	10.921		86,238
Maumee River Watershed GIS and Remote Sensing	10.921		77,371
Department of Commerce			
Walleye and yellow perch stock structure in the Great Lakes: A high-resolution DNA data base for fishery management	11.417		47,843
What are the Causes, Consequences and Correctives of Fish Contamination in the Detroit River AOC that Cause Health Consumption Advisories?	11.417		20,238
Temporal Resolution of the Maumee River Plume	11.432		993
Hypoxia Inducible Factors: Physiological Indicators of Hypoxia in Lake Erie Fauna	11.460		2,880
NIST-Summer Undergraduate Research Fellowship for Darnell Ray	11.609		595
Department of Defense			
Independent Technical Review of the Great Lakes and St. Lawrence Seaway Transportation Rate Analysis	12.107		9,851
Integrating Uncertainty Analysis in the Risk Characterization of In-Place Remedial Strategies for Contaminated Sediments	12.114		3,690
Novel Actuators for Active Aerodynamic Control	12.114		4,101
Small Turbine Institute	12.118		38,491
Small Turbine Institute	12.118		2,245
Ultrasound Imaging of Breast Cancer	12.420		64,935
Risk and Resilience Factors for Combat-Related Posttraumatic Psychopathology and Post Combat Adjustment	12.420		304,173
Functional Analysis of the Beclin-1 Tumor Suppressor Interaction with hVps34 (Type-III PI 3'-Kinase) in Breast Cancer Cells	12.420		65,770
Development of Clean Sources of Hydrogen for Fuel Cells	12.431		327,552
Design and Manufacturing Process Technology for High Performance Polymer Nano-Composites	12.431		(8,424)
Miniature Control Actuation System (MCAS) for Slender Body Aerodynamic Controls	12.431		13,727
Development of Clean Sources of Hydrogen for Fuel Cells	12.431		55,064
Monolithic Silicon Microbolometer Materials for Uncooled Infrared Detectors	12.431		3,216
PO#2005-IE-VI-001 Hydraulic Hybrid Vehicle Leadership and Management of the Methodst and Analysis Team (HAMMER)	12.630		46,450
Energy System for a High Altitude Airship	12.910		22,388
Novel Sensors for Chemical and Bio-Defense	12.910		89,645

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Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Novel Sensors for Chemical and Bio-Defense	12.910		\$ 102,234
Novel Sensors for Chemical and Bio-Defense	12.910		26,043
Novel Sensors for Chemical and Bio-Defense	12.910		98,820
Strategies and Innovative Procedures for Dynamic Partnering for the Forging Supply Chain	12.910		51,052
Novel Sensors for Chemical and Bio-Defense	12.910		127,165
Novel Sensors for Chemical and Bio-Defense	12.910		88,085
Novel Sensors for Chemical and Bio-Defense	12.910		81,297
Department of the Navy			
A Lithium Ion Battery Management System for Autonomous Undersea Vehicles (Supplement #1)	12.300		24,739
A Lithium Ion Battery Management System for Autonomous Undersea Vehicles	12.300		54,615
Miniature Control Actuation System (MCAS) for Slender Body Aerodynamic Controls	12.300		26,797
Intermolecular Interactions in Energetic Materials	12.300		85,434
Department of the Air Force			
Highly Efficient Thin Film Photovoltaics for High Altitude Airships	12.800		39
Rapidly Deployable Solar Electricity and Fuel Sources	12.800		845
Rapidly Deployable Solar Electricity and Fuel Sources	12.800		1,225
Flexible and Lightweight Thin-Film Solar Cells Based on a Si and CdTe	12.800		650,515
Coatings for Fully Integrated Solar-Powered Interior Lighting Technology	12.800		53,245
Rapidly Deployable Solar Electricity and Fuel Sources	12.800		118,418
Rapidly Deployable Solar Electricity and Fuel Sources	12.800		11,829
Zooming Methodologies for Gas Turbine Engine Simulations	12.800		102,405
AB Initio Modeling of Slippery Hexagonal Solids	12.800		43,399
CdSe Top Cells for CdSe/CIGS Tandems	12.800		11,320
Department of the Interior			
PZP Immunocontraception in Free-Roaming Feral Horses	15.222		78,215
Desalination Pretreatment Using Controlled-Chain PEGMA-Enhanced Cellulose Acetate Ultrafiltration Membranes	15.506		545
Maumee Bay State Park Shoreline and Wetland Restoration Plan	15.614		12,805
Determining the Origin and Dynamics of Coastal Processes of Sand Point at Pictured Rocks National	15.808		10,491
Surficial Geology of the Oak Openings Region, Whitehouse Quadrangle, Lucas County, Ohio	15.810		6,022
Geomorphic and Hydrogeomorphic Maps for Assateague Island National Seashore	15.915		22,950
Department of Justice			
Problems and Needs of Mothers Who Enter the Criminal Justice System	16.580		10,465
Batterer Intervention Research	16.738		34,346
Lucas County Juvenile Treatment Court Evaluation	16.745		9,577

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Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Department of Transportation			
Instrumentation of the Maumee River Crossing	20.205		\$ 16,389
Cost Benefit Models to Support PMS Decisions	20.205		9,824
Biodiesel Study	20.505		118,773
Reducing Noise and Vibration of Hydraulic Hybrid and Plug-In Hybrid Electric Vehicles	20.701		6,745
Improving the Energy Density of Hydraulic Hybrid Vehicles (HHVs) and Evaluating Plug-in HHVs	20.701		5,305
A Novel Image Database Analysis System for Maintenance of Transportation Facility	20.701		2,584
Multipurpose Educational Modules to Teach Hydraulic Hybrid Vehicle Technologies	20.704		20,634
Developing a Global Supply Chain Management/Transportation System Efficiency Graduate Degree Program	20.704		6,358
Transportation for Economic Security and Development	20.760		16,145
Transportation for Economic Security and Development	20.760		955
Transportation for Economic Security and Development	20.760		5,666
Transportation for Economic Security and Development	20.760		24,431
Transportation for Economic Security and Development	20.760		167,399
Transportation for Economic Security and Development	20.760		9,685
Multipurpose Educational Modules to Teach Hydraulic Hybrid Vehicle Technologies	20.760		3,136
Expanding Regional Freight Information Resources for the Upper Midwest: the Great Lakes Maritime Information Delivery System	20.801		46,814
Expanding Regional Freight Information Resources For The Upper Midwest: The Great Lakes Maritime Information Delivery System Phase III	20.801		108,397
National Aeronautics and Space Administration			
Extension of NASA Broadband Aeronautics Stator Simulation (BASS) Code for the Accurate Prediction of Nonlinear Fluid-Structures Interactions	43.002		16,583
Development and Investigation of Multiple Phenomena in Turbomachinery and Propeller Aeroelasticity	43.002		57,008
Microstructural Analysis of Advanced Space and Turbine Materials	43.002		2,099
Development of an Information Exchange Mechanism with a Virtual Engine Test	43.002		45,148
Application of the BASS Computational Aeroacoustics Code to 3D Broadband Fan Noise Prediction	43.002		19,513
Investigation of a Heavy Loaded Bearing for Aero Application	43.002		49,963
Development of Foundation Technology for Code Coupling in Integrated Inlet/Fan Simulations	43.002		49,137
Investigation of a Heavy Loaded Bearing for Aero Application	43.002		7,146
Small Turbine Institute	43.002		18,753
Microstructural Analysis of Advanced Space and Turbine Materials	43.002		51,257
Development and Investigation of Multiple Phenomena in Turbomachinery and Propeller Aeroelasticity	43.002		5,533
Application of the BASS Computational Aeroacoustics Code to 3D Broadband Fan Noise Prediction	43.002		6,555
Simulations	43.002		2,595
Development of an Information Exchange Mechanism with a Virtual Engine Test	43.002		2,597
Small Turbine Institute	43.002		(47,303)
Extension of NASA Broadband Aeronautics Stator Simulation (BASS) Code for the Accurate Prediction of Nonlinear Fluid-Structures Interactions	43.002		23,778
Oscillator Strengths for Ultraviolet Atomic and Molecular Transitions	43.002		71,066
Light Element Nucleosynthesis through Measurements of Interstellar Boron	43.002		42,345
CFD Simulations of Turbomachinery	43.002		6,691
Mars Water Ice Clouds	43.002		(11,305)

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Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Turbomachinery Computational AeroAcoustics (CAA)	43.002		\$ 35,778
Searching for Protostars in a Quiescent Giant Molecular Cloud	43.002		50,348
NASA-GRC Solid Oxide Fuel Cell Technology for Aeronautic Applications	43.002		93,204
CFD Simulations of Turbomachinery	43.002		60,940
Extended Durability of Materials in Advanced Power Systems for Space Explorations	43.002		3,730
Development of Life Prediction and Probabilistic Analysis Tools for High Temperature Composites	43.002		112,459
Computed Tomography and Digital Radiography Based Research for Aerospace Materials	43.002		54,015
Microstructural Analysis and Structure-Property Correlation in Advanced High-Temperature Materials Developed for Improved Material Performance	43.002		158,857
NASA-GRC Solid Oxide Fuel Cell Technology for High Power Density Aeronautic and Applications	43.002		291,954
Extended Durability of Materials in Advanced Power Systems for Space Explorations	43.002		41,812
Particulates Measurements and Measurement-System Development for Aircraft Engines	43.002		2,268
Advanced Structural Seal Development	43.002		6,221
Massive Stars with Dusty Disks: A FUSE Survey of the Most Metal-Poor B[e] Supergiants	43.002		4,579
Evaluation of Several Space Lubricants Using the Spiral Orbit Tribometer	43.002		1,873
Effects of Land Use Change on the Energy and Water Balance of the Semi-Arid Region of Inner Mongolia	43.002		175,702
Unsteady CFD Simulations	43.002		147,413
Research Initiatives Involving Advanced Electro Mechanical Components	43.002		2,960
Development of Fuel Cell/Reformers Technology	43.002		1,929
Technology Validation and Risk Reduction Research for Flywheel Technology	43.002		6,144
SAGE Spectroscopy: The Life Cycle of Dust and Gas in the Large Magellanic Cloud	43.002		23,912
Life Prediction Modeling and Structural Analysis of Ceramic Matrix Composite Materials	43.002		551
National Aeronautics and Space Administration (Continued)			
PAHs, Interacting Galaxies, Nearby AGN, and Massive Stars	43.002		34,441
A Workplan for Testing Aerospace Components and Advanced Materials	43.002		154,478
NASA-GRC Solid Oxide Fuel Cell Technology for Aeronautic Applications	43.002		7,616
Advanced Wave Fluid Film Bearing Technology for Geared Transmission Systems	43.002		126,901
Modes of Star Formation and Nuclear Activity in an Early Universe Laboratory	43.002		12,057
Damping Concepts for Rotating Blades and Rotordynamic Analysis	43.002		22,241
Smart Damping for Turbomachinery Blades	43.002		50,873
Extended Durability of Materials in Advanced Propulsion and Power Systems for Aeronautic and Space Exploration	43.002		140,570
Development of Advanced Computational Tools for the Simulation of Multistage Turbomachinery in Support of Aero Propulsion	43.002		134,726

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Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Advanced Structural Seal Development	43.002		\$ 57,289
Particulates Measurements and Measurement-System Development for Aircraft Engines	43.002		74,592
Modeling of Advanced High Temperature Composite Behavior	43.002		53,096
Electrical and Mechanical Modeling of Constellation Power Systems	43.002		198,466
Research in Controls for Flywheel Technology Applications	43.002		49,091
Computed Tomography and Digital Radiography Based Research for Aerospace Materials	43.002		4,920
Dust Formation of Near Hot Non-Supergiant Stars	43.002		4,570
Advanced Aerospace Seals Research	43.002		100,141
Effects of Land Use Change on the Energy and Water Balance of the Semi-Arid Region of Inner Mongolia	43.002		27,677
Component Development for Structural Seals	43.002		53,581
Research Initiatives Involving Advanced Electro Mechanical Components	43.002		16,985
Research in Controls for Flywheel Technology Applications	43.002		849
Life Prediction Modeling and Structural Analysis of Ceramic Matrix Composite Materials	43.002		65,134
A Fresh Look at Distributed vs. Clustered Star Formation: IRAC and MIPS Imaging of the Cep OB3 and Mon R2 Molecular Clouds	43.002		19,749
Probing Dust Grain Emission in High Latitude Molecular Clouds	43.002		2,897
Damping Concepts for Rotating Blades and Rotordynamic Analysis	43.002		5,816
Turbomachinery Computational AeroAcoustics (CAA)	43.002		41,547
Component Development for Structural Seals	43.002		4,906
Development of Fuel Cell/Reformers Technology	43.002		75,866
Development of Computed Tomography and Digital Radiography for Aerospace Materials and Facilities Operations	43.002		54,577
Technology Validation and Risk Reduction Research for Flywheel Technology	43.002		85,248
Turbomachinery Aeroelastic Analysis Tools for Aerospace Propulsion Application	43.002		117,792
An IRS Survey Of Spitzer Identified Protostars In The Orion A Cloud	43.002		14,800
Improved Modeling for Turbine Cooling Analysis	43.002		22,687
Be Stars and Circumstellar Disks in NGC 346	43.002		24,352
Mapping the Structure of Dark Filaments in OMC3 with the IRS	43.002		22,114
Ohio Space Grant Consortium (OSGC) Scholarships and Fellowships for 2006-2007 to University of Toledo	43.002		36,928
Fischer Tropsch off Campus	43.002		109,855

University of Toledo

Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
National Science Foundation			
CAREER: Investigation of Intron Cellular Roles	47.000		\$ 110,302
A New Approach to Regenerate Bone Using Microparticles Seeded with Mesenchymal Stem Cells and Macrophages	47.041		44,156
Compact, Lightweight Flexible Fuel Reformer for Solid Oxide Fuel Cells	47.041		57,681
Collaborative Research: Finite Element Modeling of Roller Burnishing and Selection of Process Parameters	47.041		20,785
Processing and Evaluation of HA Nanocomposites	47.041		66,460
Development of Anti-Biofouling Nanocomposite Polypropylene Fibers for Membrane Feed Spacers	47.041		15,181
Undergraduate Senior Design Projects to Aid Individuals with Disabilities	47.041		17,581
Development of Bacterial-Sensing Ultrafiltration Membranes with improved Permeability, Selectivity and Fouling Control	47.041		4,949
CAREER: Micromachined Surface Conduction Tuning Gas Sensors Year 4	47.041		7
CAREER: Micromachined Surface Conduction Tuning Gas Sensors Year 4	47.041		55,919
A Simple Desulfurizing Component Enables Fuel Processing of Sulfur-Laden Logistic Fuels for Fuel Cells	47.041		15,040
A Novel Approach to Antibiotic and Anti-biofouling Activities of Natural Phenols	47.041		88,255
Development of Bacterial-Sensing Ultrafiltration Membranes with improved Permeability, Selectivity and Fouling Control	47.041		2,518
REU Supplement for CTS 0331778	47.041		19,670
CAREER: Micromachined Surface Conduction Tuning Gas Sensors Year 4	47.041		3,730
Evaluation of Novel Bisphosphonate Containing Coated Ti Foams for Osteoporosis Treatment	47.041		15,401
Toward Negative Poisson's Ratio Composites - Numerical and Experimental Study	47.041		74,425
Development of Silver/Copper Coated Membrane Feed Spacers for Biofouling Control	47.041		4,729
Development of Silver/Copper Coated Membrane Feed Spacers for Biofouling Control	47.041		34,909
Development of Bacterial-Sensing Ultrafiltration Membranes with improved Permeability, Selectivity and Fouling Control	47.041		3,992
CAREER: Exploration of Negative Thermal Expansion Materials: From Basis Properties to Formation of Composites	47.049		123,849
A Research and Training Center for Astronomical Spectroscopy	47.049		40,503
CAREER: Syntheses of Hyaluronan Oligosaccharides as Biological Probes	47.049		43,601
Semiparametric Statistical Inferences for ROC Curves and Surfaces Under Density Ratio Models	47.049		23,340
Monte Carlo NLTE Radiation Transfer in Circumstellar Disks	47.049		91,180

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Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Collaborative Research: Using Nanoscale Patterning to Reveal the Atomic-scale Effects which Drive Unstable Growth on GaAs (001)	47.049		\$ 62,872
Highly Anisotropic Nano-Magnets	47.049		(25,511)
The Smallest Interstellar Grains: Optical/Near-IR Emission from Nanoparticles	47.049		58,118
CAREER: Task-specific Microextractions Using Ionic Liquids	47.049		60,840
Quantum theory of two-atom, few-atom, and many-atom systems	47.049		53,534
Research Experiences for Undergraduates in Physics and Astronomy	47.049		18,785
Cohomology and Representation Theory	47.049		23,876
REU Site: Research Experiences for Undergraduates in Physics and Astronomy	47.049		74,385
The Smallest Interstellar Grains: Optical/Near-IR Emission from Nanoparticles	47.049		23,022
Simulating Extended Time and Length Scales Using Parallel Accelerated Dynamics	47.049		159,592
Integrated Assessment of Physical, Ecological and Socio-Economic Aspects of a Watershed System	47.050		4,277
Collaborative Research: Deglaciation Chronology of the Des Moines Lobe-Implications for Ice Sheet Dynamics and Climate Change	47.050		63
Integrated Assessment of Physical, Ecological and Socio-Economic Aspects of a Watershed System	47.050		43,157
Triggered Approach and the Applications to Adaptive Centralized and Ad Hoc Wireless Networks	47.070		35,583
SGER: Theoretical Foundations and Advanced Analysis in Real-Time, Hybrid, and Embedded Systems	47.070		67,881
Parallel Data Mining for Nanoscale Kinetic Monte Carlo Simulation Model	47.070		35,337
Workshop on Theoretical and Algorithmic Aspects of Sensor and Ad-hoc Networks	47.070		18,962
Workshop on Algorithms and Complexity in Wireless Networks, April 3-5, 2006, Las Vegas, USA	47.070		14,564
National Science Foundation (Continued)			
Molecular Systematics, Biogeography and Invasion Identity of Neogobiin Fishes	47.074		31
Solvent Structure and Function in Macromolecular Biological Systems	47.074		504
Solvent Structure and Function in Macromolecular Biological Systems	47.074		180,918
Molecular Systematics, Biogeography and Invasion Identity of Neogobiin Fishes	47.074		60,248
Molecular Systematics, Biogeography and Invasion Identity of Neogobiin Fishes	47.074		4,995
CAREER: Structural Analysis of Branched DNA Recognition	47.074		306
CO2 Induced Changes in Heat-Shock Proteins and Photosynthetic Tolerance to Acute Heat Stress	47.074		15,720
CAREER: Structural Analysis of Branched DNA Recognition	47.074		121,016
Planning Proposal for the Lake Erie Center	47.074		5,860
Planning Proposal for the Lake Erie Center	47.074		1,729

University of Toledo

Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Subcontract to "TRPGR - The Grass Regulome Initiative: Integrating Control of Gene Expression and Agronomic Traits Across the Grasses"	47.074		\$ 61,515
Genetic Switch Controlled by an Unusual Family of Transcription Activators	47.074		127,998
International US-Turkey Cooperative Research: Seismic Retrofitting of Reinforced Concrete Structural Members by Composite Materials	47.075		10,864
Individual Differences in Risk Perception and Risk Taking: The Role of Handedness and Interhemispheric Interaction	47.075		82,233
High Resolution Spectroscopy and Spectropolarimetry: Application to Stars at Critical Evolutionary Stages	47.075		6,282
Mechanical Engineering Technology Online Labs: Improving Lab Accessibility	47.076		32,697
Microbial Winter Survival Physiology: A Driver on Microbial Community Composition and Carbon Cycling	47.078		15,507
Environmental Protection Agency			
Radon Web Site	66.032		5,232
Radon Web Site	66.032		19,358
Design Optimization and Control of the Hydraulic Hybrid Vehicles	66.034		108,292
Dam Removal on the Ottawa River, Lucas County, Ohio	66.456		9,578
The Honey Creek Targeted Watershed Program Proposal	66.480		145
Genetics of Lake Erie Fish Stocks	66.511		223,915
University of Toledo Pollution Prevention Incentives for States Grant Proposal	66.708		49,480
A Multi-Criteria Decision Analysis Tool for Managing Industrial Byproducts	66.808		7,863
Department of Energy			
An Efficient Approach for the Saccharification of Cellulose	81.087		3,754
Fabrication and Characterization of Advanced Triple-Junction Amorphous Silicon Partnership Program	81.087		548,041
Fabrication and Physics of CdTe Devices by Sputtering	81.087		304,555
Hydrogen Generation via Metal-Steam Reforming	81.087		17,622
Sputtered II-VI Alloys and Structures for Tandem PV	81.087		129,191
Scalable Steam Methane Reformer System for Distributed Hydrogen Production	81.087		1,531
Production of Hydrogen for Clean and Renewable Sources of Energy for Fuel Cell Vehicles	81.087		203,108
Chemical Separations and Process Research to Enable Biorefinery Systems	81.121		37,018
Anticipating and Preventing Glucose Excursions in People with Diabetes	83.283		465

University of Toledo

Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Department of Education			
Utah's Improving Teacher Quality Initiative	84.305		\$ 118,014
Print Referencing Efficiency	84.305		110,394
Print Referencing Efficacy	84.305		54,989
Affects of Parent Mediated Television Viewing Strategies with Preschool Children with Language Delays	84.324		58,209
STAR: ECSE	84.324A		4,716
Project Need to Read: Evaluation of Computer Based Reading Programs Paired with Home and School Instruction	84.327		22,295
Midwest Educational Research Consortium/East Toledo Gearup Initiative (Gearup II)	84.334		64,110
NWO TEAMS	84.336		61,621
Health and Human Services			
Marinobufagenin as a Target for DIGIBIND in Hypertensive Patients with End-Stage Renal Disease	93.000		296
Mechanism-Based In Vitro Screening of Chemopreventive Agents for the Inhibition/Reversal of the Tumorigenic Phenotype in ERα-Negative Human Mammary Epithelial Cells - Work Assignment #8	93.000		192,164
Preclinical In Vitro and In Vivo Screening Assays for Cancer Preventative Agent Development Work Assignment #7	93.000		183,292
Testing Various Chemopreventive Agents in a Rat Model of Ovarian Cancer Employing DMBA Sutures (WS #87)	93.000		19,268
Preclinical in vitro and in vivo Screening Assays - Work Assignment #1 - Contract Administration and Management	93.000		39,811
Evaluation of Efflux Pumps in Multidrug-Resistant Pseudomona Aeruginosa	93.000		8
Chromatin Remodeling in UVR Induced Melanogenesis	93.113		(1,413)
Long Term Toxicity of Di- and Tri-Chloracetate	93.113		22,843
Chromatin Remodeling in UVR Induced Melanogenesis	93.113		105,864
[Ca2+]i and Secretory Dynamics in Parotid Acinar Cells	93.121		(2,396)
[Ca2+]i and Secretory Dynamics in Parotid Acinar Cells	93.121		796
[Ca2+]i and Secretory Dynamics in Parotid Acinar Cells	93.121		50,653
Developing Techniques for Studying Tinnitus in Animals	93.173		168,240
Aerodynamic and Acoustic Models of Phonation	93.173		123,438
Vertebral Displacements and Ligament Strains During Simulated Spinal Manipulation	93.213		6,137
Development of a Selective Muscarinic Agonist for the Treatment of Schizophrenia	93.242		5,210
Mechanical Lifting Assist	93.262		335
Crystalline Silica and RSP Control Methods Effectiveness During Concete Grinding	93.262		103,149
Nicotinic Acetylcholine Receptors and Neuronal Development	93.279		16,881
Altering Gene Expression and Function at Single Neuronal Nicotinic Synapses	93.279		179,225
Neuronal Acetylcholine Receptor Mechanisms	93.279		61

University of Toledo

Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Benzodiazepine-induced Glutamate Receptor Plasticity	93.279		\$ 476
Neuronal Acetylcholine Receptor Mechanisms	93.279		98,412
Benzodiazepine-induced Glutamate Receptor Plasticity	93.279		282,766
Occupational Health Training Grant	93.283		1,868
Occupational Health Training Grant	93.283		6,460
NIOSH Training Project Grant (TPG) - Industrial Hygiene	93.283		78,272
Polyunsaturated Fatty Acid Metabolism via Lipoxygenase Catalysis	93.390		41,060
Regulation of NF-kappaB Transactivation Function	93.390		76,572
Regulation of Mismatch Repair	93.393		724
Genetic Epidemiology of Lung Cancer: Gene ID in High Risk Families	93.393		12,879
Genetic Epidemiology of Lung Cancer: Gene Identification in High Risk Families	93.393		4,147
Regulation of Mismatch Repair	93.393		259,140
Regulation of a Tumor Target through Steroid Receptors	93.393		159,012
Regulation of a Tumor Target through Steroid Receptors	93.393		891
Regulation of a Tumor Target through Steroid Receptors	93.393		140
Regulation of Mismatch Repair	93.393		34,848
Standardized Gene Expression Core Facility Development	93.394		(33)
Program Income 942513	93.394		147
Standardized Gene Expression Core Facility Development	93.394		(7,632)
Computer Directed Photodynamic Therapy of Prostate Cancer	93.395		(463)
Role of hGBP-1 in the Inhibition of Cell Growth by IFNs	93.395		12,747
Regulation of MLK3 by Merlin	93.395		26,234
Role of hGBP-1 in the Inhibition of Cell Growth by IFNs	93.395		11,267
bHLH Transcription Factors in Prostate Cancer Malignancy	93.396		1,275
The Tumor Suppression Potential of NF-kB2 p100	93.396		129,219
The Tumor Suppression Potential of NF-kB2 p100	93.396		4,839
Gene Regulation for Drug Targeting in AML	93.396		181,690
RI-alpha/RIAZ on Cell Growth in Breast Cancer	93.396		(22,711)
Gene Regulation for Drug Targeting in AML	93.396		49,891
Negative Regulation of Signal Transduction by G-CSF	93.396		155,304
The Tumor Suppression Potential of NF-kB2 p100	93.396		4,329
RI-alpha/RIAZ on Cell Growth in Breast Cancer	93.396		263,969
bHLH Transcription Factors in Prostate Cancer Malignancy	93.396		853
Molecular Mechanisms of Ras-Induced Autophagy in Glioblastoma	93.396		231,696

University of Toledo

Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Gene Regulation for Drug Targeting in AML	93.396		\$ 28,563
bHLH Transcription Factors in Prostate Cancer Malignancy	93.396		152,594
Rab GTP-Binding Proteins and Cell Growth	93.396		(1,018)
The Oncogenic Basis of Bmi-1 in Neuroblastoma Development	93.396		152,126
Community Clinical Oncology Program (Federal Funds)	93.399		2,225
National Surgical Adjuvant Breast and Bowel Project - Master Agreement	93.399		3
Toledo Community Clinical Oncology Program (TCCOP)	93.399		358
Effect of Blood Flow Pattern on Endothelial Damage	93.837		27,980
Effect of Exercise Training on Ventricular Function, Dyssynchrony, Resting Myocardial Perfusion and Clinical Outcomes in HF Patients: A Nuclear Ancillary Study of HF-ACTION	93.837		927
Claudication Exercise vs. Endoluminal Revascularization (CLEVER)	93.837		9
Functional Genomic Dissection of Rat Blood Pressure QTL	93.837		13,903
Claudication: Exercise Vs. Endoluminal Revascularization	93.837		762
Control Mechanisms of Cardiac Proteins & Enzymes	93.837		936,700
CORAL: Clinical Coordinating Center	93.837		1,785,932
Biochemistry and Genetics of Hypertension	93.837		48,654
Identifying Chromosome 3 Blood Pressure QTL Candidates	93.837		(4,792)
Biochemistry and Genetics of Hypertension	93.837		160
Cardiovascular Outcomes in Renal Atherosclerotic Lesions (CORAL)	93.837		22,169
Cardiovascular Outcomes in Renal Atherosclerotic Lesions (CORAL)	93.837		539,358
Functional Genomic Dissection of Rat Blood Pressure QTL	93.837		356,310
Functional Genomic Dissection of Rat Blood Pressure QTL	93.837		(13,883)
Control Mechanisms of Cardiac Proteins & Enzymes	93.837		485
Mechanosensory Role of Endothelial Cilia in Polycystic Kidney Disease	93.837		226,399
Future Revascularization Evaluation in Patients with Diabetes Mellitus: Optimal Management of Multivessel Disease (FREEDOM)	93.837		344
Claudication: Exercise vs. Endoluminal Revascularization	93.837		5,337
The Role of ROS and Na/K-ATPase in Uremic Cardiomyopathy	93.837		30,347
Cardiovascular Outcomes in Renal Atherosclerotic Lesions (CORAL)	93.837		(28,585)
Biochemistry and Genetics of Hypertension	93.837		606,895
LPS Signaling and Lung Innate Immunity	93.838		(736)
Prevention of Cardiovascular Disease in Diabetes Mellitus	93.838		187,908
Prevention of Cardiovascular Disease in Diabetes Mellitus	93.838		117,439
Behavioral Dynamics of Langerhans Cells in Skin	93.846		426,665

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Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
T Cell Dependent Terminal Maturation of Langerhans Cells	93.846		\$ 730
TPR Proteins in Steroid Receptor Signaling and Physiology	93.847		221,872
c-Jun and Androgen Signaling in Prostate Cancer Cells	93.847		88,487
Ceacam and Insulin Action	93.847		253,929
Ceacam and Insulin Action	93.847		(1)
Role of the serine-threonine kinase PAK1 in prolactin-dependent signaling	93.847		165,874
Innate Cellular Lectin-Mediated Binding of Xenoantigens	93.848		242,329
Functional Analysis of SMAF-1, an Obesity Candidate Gene	93.848		23,327
Mechanisms of Enteric Nervous System Development	93.848		201,338
Innate Cellular Lectin-Mediated Binding of Xenoantigens	93.848		(1,285)
Role of FKBP52 in Androgen Signaling and Hypospadias	93.849		125,608
Physiological Significance of Na, K-pump Diversity	93.849		45,707
Thalamocortical Boundary Markers and the Influence of Serotonin	93.852		(8,330)
A Multi-Center, Double-Blind, Randomized Study Comparing the Combined Use of Interferon Beta-1a and Glatiramer Acetate to Either Agent Alone in Patients with Relapsing Remitting Multiple Sclerosis (CombiRx-Phase III)	93.853		30,031
Parkinson's Disease Collaborative Study of Genetic Linkage, 'PROGENI'	93.853		13
Parkinson's Disease Collaborative Study of Genetic Linkage, 'PROGENI'	93.853		630
Goal Activation, Expectations, and Placebo Analgesia	93.853		23,457
Insulin Resistance Intervention after Stroke (IRIS) Trial	93.853		100
Thalamocortical Boundary Markers and the Influence of Serotonin	93.853		187,073
Mechanisms of Sympathetic Neuron Development	93.853		349,626
Probing the Enzymatic Basis of Canavan Disease	93.853		285,955
Carotid Revascularization Endarterectomy vs. Stenting	93.853		188
Thalamocortical Boundary Markers and the Influence of Serotonin	93.853		131,193
Muscarinic Agonists for Neurological Disorders	93.853		217,909
Neurosteroid Modulation of GABA(A) Receptors	93.853		109,963
Study of Antidepressants in Parkinson's Disease (SAD PD)	93.853		581
Post-Hypoxic Regulation of GABA-A Receptor Function	93.853		340,081
Post-Hypoxic Regulation of GABA-A Receptor Function	93.853		(4,709)
UNC-73/Trio Signaling in Axon Guidance and Neurotransmission	93.853		34,218
African-American Antiplatelet Stroke Prevention Study	93.853		446
Locomotion in Parasitic Nematodes	93.855		25,187
Determinants of RNA Virus Evolution	93.855		409,843
Randomized Open-label Phase II/III Multicenter Study of High-dose Immunosuppressive The	93.855		735

University of Toledo

Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Regulation of AAV Rep Protein Function	93.855		\$ 129
Dysregulation of Innate Immune Responses by <i>Borrelia burgdorferi</i> : A Role for IL-10	93.855		1,327
Structure and Dynamics of MHC Bound Peptides	93.855		72,848
The Role of T Cell Repertoire Selection in the NOD mouse model of MOG-Induced EAE	93.855		86,434
Impact of the Interferon Regulated Proteins XAF1 and ZNF313 on Innate Immunity	93.855		254,160
Alphavirus Minus Strand RNA Synthesis and Rnase L	93.855		316,432
Determinants of RNA Virus Evolution	93.855		20,314
Determinants of RNA Virus Evolution	93.855		174
Identification of <i>B. Pseudomallei</i> & <i>B. Mallei</i> Adhesins	93.855		25,496
Alphavirus Minus Strand RNA Synthesis and Rnase L	93.855		(2,557)
Dendritic Cell-based Biosensor System	93.855		266,355
Bacterial, Signaling, & Leukocyte Transcription Activation	93.855		334,913
Regulation of AAV Rep Protein Function	93.855		(801)
Role of Adapter Proteins in Infection Diseases	93.856		49,813
Chitinases in Parasitic Helminths	93.856		64,539
Regulation of Pharyngeal Pumping in Parasitic Nematodes	93.856		285,939
Conservation and Adaptation of a Regulon across Genera	93.856		29,054
Conservation and Adaptation of a Regulon across Genera	93.856		43
Adherence Mechanisms of <i>Moraxella catarrhalis</i>	93.856		(12)
Conservation and Adaptation of a Regulon across Genera	93.856		70,891
Agonists & Antagonists of Vasopressin & Oxytocin	93.859		93
Tissue Fragility Genes in <i>C. Elegans</i>	93.859		42,463
Transcriptional Repression in Response to p53	93.859		74,208
Na,K-ATPase as an Integrator of the Calcium Signaling Machinery	93.859		209,796
Agonists & Antagonists of Vasopressin & Oxytocin	93.859		97,133
Development of New Carbohydrate Synthesis Methodologies	93.859		16,031
Na,K-ATPase as an Integrator of the Calcium Signaling Machinery	93.859		22,007
Development of New Carbohydrate Synthesis Methodologies	93.859		128,143
AAV, Helper Virus and Host Cell Interactions	93.859		25,914
Elderly Immune Response to Pneumococcal Polysaccharide	93.866		325,790
Bone Loss with Aging Occurs Due to Increased PPAR-g Activity in Marrow Stem Cells	93.866		242,476
Total Research and Development			32,137,768

University of Toledo

Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

AGENCY	CFDA #	AGENCY NUMBER	FY2008
TRIO CLUSTER			
Department of Education			
UT Student Sup Trio	84.042	P042A051096-06	\$ 246,272
Upward Bound 04	84.047	P047A030119-06	156,371
Upward Bound	84.047	P047A070851	199,121
Total TRIO Cluster			601,764
Other Programs			
Department of Agriculture			
Landscape Ecology and Forest Management: Challenges and Solutions (IUFRO Conference)	10.900	07-DG-11132650-265	19,703
Department of the Navy			
North American Membrane Society (NAMS) 2007 Conference	12.300	N00014-06-1-1151	637
Army Research Office			
2007 Ohio Junior Sciences and Humanities Symposium	12.431	W911NF-04-1-0001	2,451
Department of Housing and Urban Development			
HUD Neighborhood Networks	14.870		5,692
Department of Justice			
Fatality Review Initiative	16.580	2006-DD-BX-0243	89,553
Department of Labor			
WIA – 1284	17.260		59,318
N.O. WIA – 1285	17.260		10,214
State of Ohio Funding for Capacity Building for DBE Program	17.267	G-04-15-0313	4,875
Police Forfeiture	21.000	D32 - PE10049-04	163,353

University of Toledo

Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
National Aeronautics and Space Administration			
Implementation of Earth System Science Education Alliance in the Great Lakes Region	43.001	GEO-0631389	\$ 7,432
SATELLITES: Using Geospatial Technology to Teach Science in Cleveland Municipal Schools	43.001		3,191
SATELLITES: Using Geospatial Technology to Teach Science in Cleveland Municipal Schools	43.001		9,673
Students and Teachers Exploring Local Landscapes to Interpret the Earth from Space Applications	43.001	R-300-100201-40108	8,100
Students and Teachers Exploring Local Landscapes to Interpret the Earth from Space Application to the International Polar Year (IPY)	43.001	R-300-100201-40108	43,673
National Science Foundation			
Graduate Teaching Fellows in STEM High School Education: An Environmental Science Learning Community at the Land-Lake Ecosystem Interface	47.000	DGE-0742395	123,389
2008 NSF Partnerships for Innovation (PFI) Grantees Workshop	47.041		167,758
Ohio Consortium for Undergraduate Research	47.049	PO RF01042476	63,547
International Workshop on Research Challenges in Mobile and Wireless Networks Security and Privacy	47.070	CNS-0437586	6,335
Anatomy Revealed - Sensory Systems	47.076	DUE-0442779	7,236
A National Model for Engineering Mathematics Education	47.076	PSM06596	12,195
UMECSS-University Math, Engineering, and Computer Science Scholarships	47.076	DUE-0220796	1,953
The Ohio Science and Engineering Alliance	47.076	745931	26,957
The UT3 Noyce Scholarship Program	47.076	DUE-0733767	5,324
Emerging Power Technologies Project	47.076		5,332
Middle School Science Curriculum Materials: Meeting Standards and Fostering Inquiry through Project-Based Inquiry Science Units	47.076	ESI-0137807	25,367
Department of Veterans Affairs			
ACES - 1246	64.120		44,285
US Army ROTC - 1251	64.120		353,822
US Marine - 1246	64.120		6,000
Coast Guard - 1246	64.120		6,500
Army/Army Tank - 1299	64.120		41,834
BGSU USAF ROTC - 1246	64.120		40,875
USAF (RAMP) 1246	64.120		49,235
Vet Voc - 1262	64.120		80,755

University of Toledo

Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Department of Education			
Special Funding for Engineering for Migrant Students	84.011		\$ (9,230)
Special Funding for Engineering for Migrant Students	84.011		12,939
Lesotho's Difficult Options Within South Africa: Abstract	84.018		61,412
The UT Vision Program Expansion Project	84.027		47,467
Intervention Specialist Institute	84.027		15,251
Tech Prep Federal Base	84.038	524	(2,896)
Inquiry-Based Instruction for Tech Prep	84.048	VECI-IB-08-063099	15,950
Capacity-Building Faculty Support Grant	84.048	VEPD-CB-07-UT	50,604
Capacity-Building Faculty Support Grant	84.048	VEPD-CB-08-UT	65,325
Tech Prep Open Enrollment	84.048	VECI-TPOE-08-063099	19,803
BVR - 1265	84.126		268,327
Enhanced Competitiveness of U.S. Small and Medium Size Firms Through the Development and Utilization of Secure and Efficient Global Supply Chains	84.153		43,962
Hospital-Based Regional Child Find Grant Program	84.181		5,859
HMG Hospital Based Regional Child Find	84.181	04840011HB0108	27,121
Accelerating Achievement in Math & Science in Urban Schools	84.206	S206A040096-05	476,372
Fitness Programs Testing & Data Interpretation	84.215	PO 702910	30,696
FY 08 Federal Tech Prep Grant	84.243		361,124
Project EC-NET	84.325	H325T070038-08	65,631
Project DIRECT Connections	84.325		111,251
Project ASSURE	84.325	H325A020104-6	62,979
NWO TEAMS	84.330	C1667-OMAP-07-14	14,760
GEAR-UP	84.334	P334A000134-05	58,640
UT-CCAMPIS Student Parents	84.335	P335A060328	156,964
UToledo, UTeach, UTouch the Future (UT3)	84.336	P336B040031-06	1,175,351
UToledo, UTeach, UTouch the Future (UT3)	84.336	P336B040031-06	49,635
SATELLITES: Using Geospatial Technology to Teach Science in Cleveland Municipal Schools	84.336	May-34	1,009
Rotating Program Director, Geography and Regional Science	84.336	BCS0750729	88,817
K-5 Algebraic Thinking Initiative	84.367	1/6/1939	35,454
SATELLITES	84.367		32,073
Toledo Area Writing Project 2005/2006	84.928		(18,394)
Health and Human Services			
Regional Child Find	93.000		23,518
Regional Child Find	93.000		7,955
Model State-Supported AHEC	93.107	5 - U77 - HP - 03029	276,697
Model State-Supported AHEC	93.107	5 - U77 - HP - 03029	519,397
Project EXCITE: Environmental Health Science Explorations through Cross-Disciplinary and Investigative Team Experiences	93.113	5 - R25 - ES - 10705	34,233
Chemical Toxicology in the Study of Disease Etiology	93.113	7 - R13 - ESO105977	7,348
Development of a Multidisciplinary, Comprehensive Care Center for Families Impacted by HIV	93.153	5 - H12 - HA - 23012	100
Coordinated Services and Access to Research for Women, Infants, Children, and Youth	93.153	5 - H12 - HA - 23012	407,715

University of Toledo

Schedule of Expenditures of Federal Awards (Continued) Year Ended June 30, 2008

Agency	CFDA #	Agency Number	Fiscal Year 2008
Health and Human Services (Continued)			
Workforce Development	93.187	G-67-06-0343	\$ 55,610
Workforce Development	93.187	G-67-06-0343	39,502
Public Health Workforce Scholarship Program	93.283	DOH016T	(10,506)
Public Health Workforce Scholarship Program	93.283	DOH039H	57,953
Statewide AHEC Model for Interdisciplinary Education & Experience (SEARCH)	93.288		9,000
Statewide AHEC Model for Interdisciplinary Education & Experience (SEARCH)	93.288		3,360
University of Toledo Advanced Education Traineeships: An Answer to the Nursing Shortage	93.358	A10HP00004	42,424
Reach Out and Read	93.558	48-08-OWF-08	17,056
Reach Out and Read	93.558		31,863
Reach Out and Read of Northwest Ohio and ODJFS	93.558		28,121
American Society for Virology Junior Scientist Travel Request	93.855	5 - R13 - AI - 69676	9,600
Improving Geriatric and End-of-Life Care Training	93.884	5 - D58 - HP - 03369	29,280
Improving Geriatric and End-of-Life Care Training	93.884	5 - D58 - HP - 03369	15
First Spending Plan Hospital Funding	93.889	HRSA FY03-01	42,485
Ryan White Title III	93.918	5 - H76 - HA - 00732	329,166
Ryan White Part C (Title III): Categorical Grant Program for Outpatient Early Intervention Services (EIS)	93.918	5 - H76 - HA - 00732	86,930
Ryan White Title III	93.918		36
Ryan White Title III	93.918	2 - H76 - HA - 00732	(215)
Ryan White Title III	93.918	5 - H76 - HA - 00732	(2,504)
Scholarships for Disadvantaged Students	93.925	2 - T08 - HP - 04747	27,000
Scholarships for Disadvantaged Students	93.925		(5,696)
Healthy Relationships through Existing Support Groups Project	93.940		12,484
HIV Prevention in Medical Care Settings	93.940		(5,878)
HIV Prevention in Medical Care Settings	93.940		3,829
HIV Prevention in Medical Care Settings	93.940		1,958
Healthy Relationships through Existing Support Groups	93.940		(10,019)
Medical University of Ohio HIV Testing Program	93.940		12,470
Healthy Relationships through Existing Support Groups Project	93.940		24,311
University of Toledo Health Science Campus HIV Testing Program	93.940		7,486
University of Toledo Medical Center HIV Testing Program	93.940		800,615
Community Mental Health Services Federal	93.958		1,952
High Risk Drinking Grant	93.959		16,871
High Risk Drinking Grant	93.959	COME-ADA-WP0592	3,930
Women's Health Month Conferences/Workshops	93.994		3,664
Regional Comprehensive Genetic Services	93.994		2,567
Women's Health Month Conferences/Workshops	93.994		5,130
Women's Health Month Conferences/Workshops	93.994		218,630
Total Other Programs			8,128,779
Total Expenditures of Federal Awards			\$ 57,321,019

University of Toledo

Notes to Schedule of Federal Expenditures of Federal Awards Year Ended June 30, 2008

Note 1 - Significant Accounting Policies

The accompanying schedule of expenditures of federal awards includes the federal grant activity of the University of Toledo, EIN #34-6401483, and is presented on the same basis of accounting as the basic financial statements. The information in this schedule is presented in accordance with the requirements of OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Therefore, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements.

Note 2 - Federal Direct Student Loan Program (CFDA No. 84.268)

The University acts as the intermediary for students obtaining direct loans from the U.S. Department of Education. The U.S. Department of Education is responsible for billings and collections of the loans. The University assists the U.S. Department of Education by processing the applications and disbursing the funds from the U.S. Department of Education to the students. Loans advanced to students during the fiscal year ended June 30, 2008 totaled \$71,684,001.

Note 3 - Family Education Loan Program (CFDA No. 84.032)

University of Toledo acts as the intermediary for students obtaining family education loans from lending institutions. The lending institution is responsible for billings and collections of the loans. University of Toledo assists the lending institutions by processing the applications and forwarding checks from the lending institutions to the students. Loans advanced to students during the fiscal year ended June 30, 2008 totaled \$23,440,580.

Note 4 - Family Health Professions Student Loan Program (CFDA No. 93.342)

Revolving loan funds are established to maintain health professions student loans. Repayment of principal and interest is deposited back into the program for new loans. University of Toledo is responsible for administering the program, including the approving, disbursing, and collecting of the loans. Since July 1, 1993, health professions student loan funds have been awarded in the form of primary care loans and loans for disadvantaged students. As of June 30, 2008, outstanding loans under both programs totaled \$750,327.

University of Toledo

Notes to Schedule of Federal Expenditures of Federal Awards Year Ended June 30, 2008

Note 5 - Federal Perkins Loan Program (CFDA No. 84.038)

Revolving loan funds are also established to maintain Perkins loans. Repayments of principal and interest are deposited back into the program for new loans. University of Toledo is responsible for administering the program, including the approving, disbursing, and collecting of the loans. As of June 30, 2008, outstanding Perkins loans totaled \$19,359,580.

Note 6 - Subrecipient Awards

Of the federal expenditures presented in the schedule, federal awards were provided to subrecipients as follows:

Program Title/Project Number/Subrecipient Name	CFDA Number	Current Year Cash Transferred to Subrecipient
Conservation and Adaptation of a Regulon across Genera	93.856	\$ 21,024
Determinants of RNA Virus Evolution	93.855	19,434
Mechanism-Based In Vitro Screening of Chemopreventive Agents for the Inhibition/Reversal of the Tumorigenic Phenotype in ERα-Negative Human Mammary Epithelial Cells - Work Assignment #8	93.000	192,164
Innate Cellular Lectin-Mediated Binding of Xenoantigens	93.848	35,100
Functional Genomic Dissection of Rat Blood Pressure QTL	93.837	265,455
TPR Proteins in Steroid Receptor Signaling and Physiology	93.847	80,767
Model State-Supported AHEC	93.107	244,871
Control Mechanisms of Cardiac Proteins & Enzymes	93.837	71,149
Preclinical In Vitro and In Vivo Screening Assays for Cancer Preventative Agent Development Work Assignment #7	93.000	183,292
Monitoring Agricultural Sewage Sludge Application, OH	10.2	37,022
Accelerating Achievement in Math & Science in Urban Schools	84.206	469,214
Utah's Improving Teacher Quality Initiative	84.305	13,148
Fabrication and Characterization of Advanced Triple-Junction Amorphous Silicon Partnership Program	81.087	40,832
Monitoring Agricultural Sewage Sludge	10.2	371,210
Effects of Land Use Change on the Energy and Water Balance of the Semi-Arid Region of Inner Mongolia	43.002	19,654
Oscillator Strengths for Ultraviolet Atomic and Molecular Transitions	43.002	14,489
Monitoring Agricultural Sewage Sludge	10.2	34,102
Transportation for Economic Security and Development	20.76	14,560
University of Toledo Pollution Prevention Incentives for States Grant Proposal	66.708	26,269
A Partnership for Pharmaceutical and Economic Development of Wild Lebanese Plants	10.206	101,905
K-5 Algebraic Thinking Initiative	84.367	2,000
Evaluating the Economic Costs and Benefits of Slowing the Spread of the Emerald Ash Borer in Ohio and Michigan	10.25	24,762
FY 08 Federal Tech Prep Grant	84.243	90,000

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Notes to Schedule of Federal Expenditures of Federal Awards Year Ended June 30, 2008

Note 6 - Subrecipient Awards (Continued)

Program Title/Project Number/Subrecipient Name	CFDA Number	Current Year
		Cash Transferred to Subrecipient
Determinants of RNA Virus Evolution	93.855	\$ 65,691
CORAL: Clinical Coordinating Center	93.837	279,440
Conservation and Adaptation of a Regulon across Genera	93.856	59,056
Benzodiazepine-induced Glutamate Receptor Plasticity	93.279	19,799
Bone Loss with Aging Occurs Due to Increased PPAR-g Activity in Marrow Stem Cells	93.866	2,193
Phytoremediation	10.2	25,415
Regional Comprehensive Genetic Services	93.994	24,820
Greenhouse Nurseries	10.203	27,335
Monitoring Agricultural Sewer Sludge	10.2	48,143
Model State-Supported AHEC	93.107	346,839
Women's Health Month Conferences/Workshops	93.994	3,930
Cardiovascular Outcomes in Renal Atherosclerotic Lesions (CORAL)	93.837	105,191
Maumee River Watershed GIS and Remote Sensing	10.921	39,000

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Schedule of Findings and Questioned Costs Year Ended June 30, 2008

Section I - Summary of Auditor's Results

Financial Statements

Type of auditor's report issued: Unqualified

Internal control over financial reporting:

- Material weakness(es) identified? Yes No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? Yes None reported

Noncompliance material to financial statements noted? Yes No

Federal Awards

Internal control over major program(s):

- Material weakness(es) identified? Yes No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? Yes None reported

Type of auditor's report issued on compliance for major program(s): Unqualified

Any audit findings disclosed that are required to be reported in accordance with Section 510(a) of Circular A-133? Yes No

Identification of major program(s):

CFDA Number(s)	Name of Federal Program or Cluster
Various	Student Financial Aid Cluster

Dollar threshold used to distinguish between type A and type B programs: \$1,719,631

Auditee qualified as low-risk auditee? Yes No

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Schedule of Findings and Questioned Costs (Continued) Year Ended June 30, 2008

Section II - Financial Statement Audit Findings

Reference Number	Findings
	None

Section III - Federal Program Audit Findings

Reference Number	Findings
	None

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Summary Schedule of Prior Year Findings Year Ended June 30, 2008

Reference Number	Findings
2007-1	<p data-bbox="464 527 911 554">Finding Type - Material weakness</p> <p data-bbox="464 600 1440 779">Criteria - Upon the merger of University of Toledo and the Medical University of Ohio, controls related to the reconciliation of the components of net assets did not function as designed, resulting in an error in classification of net assets and subsequent restatement of the June 30, 2007 financial statements.</p> <p data-bbox="464 821 1440 894">Condition - The University did not reconcile its classifications of net assets properly.</p> <p data-bbox="464 926 1440 997">Status - The University improved controls on the review process during the year, and reconciled net asset categories properly.</p>