

College of Liberal Arts and Sciences

Chair's Meeting - March 2021

Sponsor Funded Awards

by Department and Principal Investigator

	Fiscal Year				
	2020	2019	2018	2017	2016
<b>African American Studies</b>	<b>104,756</b>	<b>103,284</b>	<b>117,348</b>	<b>110,000</b>	<b>205,850</b>
<i>Ntiri, Daphne</i>	104,756	103,284	117,348	110,000	205,850
<b>Dollar General Foundation</b>			5,348		4,900
WSU Another Chance			5,348		
WSU Another Chance GED Program					4,900
<b>STATE OF MICHIGAN</b>					189,900
2015-2016 WIA Core Another Chance					189,900
<b>State of Michigan Department of Energy, Labor, and Economic Growth</b>				68,950	11,050
Adult Learning WIOA Programs - Regional Project Narrative				68,950	11,050
<b>State of Michigan Department of Talent and Economic Development</b>	104,756	103,284	112,000	41,050	
Another Chance 2019-2020	104,756	32,334			
Another Chance Program		70,950	41,050		
Another Chance WOIA Title II Adult Education and Family Literacy Act - General Instruction			70,950	41,050	
<b>Anthropology</b>	<b>110,921</b>	<b>58,958</b>		<b>45,406</b>	<b>181,628</b>
<i>Bray, Tamara</i>	8,325				
<b>Rust Family Foundation</b>	8,325				
An Archaeological Investigation of Inca Resettlement Policy & Colonial Practice in Southern Ecuador: Exploring Inter-Ethnic Relations through Ceramic Production Technologies	8,325				
<i>Jorgensen, Kelsey</i>	19,926				
<b>WENNER-GREN FOUNDATION FOR ANTHROPOLOGICAL RESEARCH INC.</b>	19,926				
Documenting Ancient Human Migration through the Co-Evolution of the Andean Potato Weevil	19,926				
<i>Jung, Yuson</i>		40,670			
<b>Hearst</b>		40,670			

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Confidence Behind the Wheel: An Ethnographic Study on Safety Technology User Experience (UX) <i>Lesnik, Julie</i>		40,670			40,000
<b>The Leakey Foundation</b>					40,000
An evaluation of termite-associated hydrocarbon signatures as an influence on prey selectivity and an ecological signal for chimpanzees and Olduvai ho <i>McCullen, Megan</i>	14,682				40,000
<b>National Endowment for the Humanities - NEH</b>	14,682				
Assessing Preservation and Storage of the Detroit Archaeological Collections at Wayne State <i>Newman, Andrew</i>	14,682	18,288			
<b>WENNER-GREN FOUNDATION FOR ANTHROPOLOGICAL RESEARCH INC.</b>	18,288	18,288			
Empire's Garden: Anthropology and the Racialization of Vision in fin-de- si?e Paris <i>Ryzewski, Krysta</i>	18,288	18,288			141,628
<b>NATIONAL ENDOWMENT FOR THE HUMANITIES</b>					141,628
Caribbean Colonial Interactions & Dynamic Island Communities: A Diachronic Archaeology of Montserrat, 1000-1730 AD <i>Sankar, Andrea</i>	49,700			45,406	141,628
<b>FORD MOTOR COMPANY</b>	49,700				
Promoting COVID19 Prevention in the Ford Community	49,700				
<b>GENERAL MOTORS CORPORATION</b>				45,406	
Beta Test for VPAL				45,406	
<b>Biological Sciences</b>	<b>3,106,024</b>	<b>2,160,107</b>	<b>2,737,772</b>	<b>5,719,184</b>	<b>2,078,745</b>
<i>Alcedo, Joy</i>		153,917			153,917
<b>HARVARD UNIVERSITY</b>		153,917			153,917
Functional Characterization of an Insulin- Like Peptide Network That Regulates Learning <i>Anantharam, Arun</i>		153,917			153,917
					76,997

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<b>AMERICAN HEART ASSOCIATION/NATIONAL CENTER</b>					76,997
The Regulation of Adrenal Hormone Secretion by the Dynamin GTPase <i>Ansari, Athar</i>	269,285				76,997
<b>National Science Foundation - NSF</b>	269,285				
An Investigation into a Novel Role of Rat1 Termination Factor in Splicing of mRNA <i>Boegehold, Anna</i>	269,285				1,500
<b>Michiagan Chapter North American Lake Management Society</b>					1,500
Assessment of Cyanobacteria to Suppress Growth and Development of Dreissenid Larvae <i>Dowling, Thomas</i>	502,683		387,259	239,439	667,203
<b>Bureau of Reclamation</b>	502,683		244,677	239,439	667,203
Development of SNP Markers for Gender Determination, Parentage Assessment, and Population Genetics of Razorback Sucker			114,285	110,956	118,622
Genetic and Demographic Studies to Guide Conservation Management of Bonytail Chub and Razorback Sucker in Off-Channel Habitats			130,392	128,483	124,925
Razorback Sucker and Bonytail Stock Assessment	502,683				
Razorback Sucker Genetic Diversity Assessment			-		423,655
<b>UNIVERSITY OF NEW MEXICO</b>			142,582		
Next-Generation Razorback Sucker (RBS) and Flannelmouth Sucker (FMS) Larval Fish Genotyping: Grand Canyon Samples <i>Golenberg, Edward</i>			142,582		16,986
<b>U.S. GEOLOGICAL SURVEY</b>			(5,234)		16,986
Innovative Invasive Species Control and Bioremediation via RNAi Treatment <i>Greenberg, Miriam</i>	1,262,108	418,910	435,795	914,094	639,191
<b>COLUMBIA UNIVERSITY</b>				125,797	145,901
Novel Humanized Models of Genetically-Modified and Lipid Supplemented Yeast Cells ( <i>S. Cerevisiae</i> ) for Screening and Selection of Radiomitigators				125,797	145,901

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<b>NATIONAL HEART, LUNG AND BLOOD INSTITUTE</b>					358,034
The Role of Cardiolipin in the TCA Cycle: Implications for Barth Syndrome					358,034
<b>National Heart, Lung and Blood Institute - NHLBI</b>				356,496	
The Role of Cardiolipin in the TCA Cycle: Implications for Barth Syndrome				356,496	
<b>National Institute of General Medical Sciences - NIGMS</b>	889,112	334,207	385,795	334,534	
Controlling Monolysocardiolipin/Cytochrome c Peroxidase Complexes in Barth Syndrome	427,238				
Novel Mechanisms of Regulation of Inositol Biosynthesis	461,874	334,207	385,795	334,534	
<b>National Institutes of Health - NIH</b>	372,996				
The Role of Cardiolipin in the TCA Cycle: Implications for Barth Syndrome	372,996				
<b>Stealth Biotherapeutics Inc.</b>					85,256
Elucidating the Mechanism of Action of Bendavia in the Yeast Saccharomyces Cerevisiae					85,256
<b>THE BARTH SYNDROME FOUNDATION, INC.,</b>		50,000	50,000		50,000
Cardiolipin Activates Pyruvate Dehydrogenase (PDH) - A Potential New Target for Treatment of Barth Syndrome			50,000		
Cardiolipin is Required for Mitochondrial Protein Processing					50,000
Supplementation of Critical Metabolites Improves TCA Cycle Function and Viability of Tafazzin-Deficient Cells		50,000			
<b>Trustees of Columbia Univ. City of Ny</b>		34,703		97,267	
Novel Humanized Models of Genetically-Modified and Lipid Supplemented Yeast Cells (S. Cerevisiae) for Screening and Selection of Radiomitgators Lipid Mediators-Generating IPLA2 Pathways		34,703		97,267	
<b>Gu, Haidong</b>		<b>376,564</b>	<b>376,889</b>	<b>377,200</b>	<b>376,320</b>
<b>NATIONAL INSTITUTE FOR ALLERGY AND INFECTIOUS DISEASES</b>					376,320
Dissecting the Functional Domains of Infected Cell Protein 0 of Herpes Simplex Virus 1					376,320
<b>National Institute for Allergy and Infectious Diseases - NIAID</b>		376,564	376,889	377,200	

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
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Dissecting the Functional Domains of Infected Cell Protein 0 of Herpes Simplex Virus 1 <i>Higgs, Penelope</i>		376,564	376,889	377,200	
<b>National Science Foundation - NSF</b>		<b>139,741</b>	<b>138,824</b>	<b>128,946</b>	
CAREER: A CURE for Signaling Networks in Multicellular Bacteria <i>Hood, Glen</i>		139,741	138,824	128,946	
<b>U.S. Department of Agriculture - USDA</b>	<b>108,908</b>	<b>68,412</b>			
Identification Resources for ECFF	108,908	68,412			
Identification Resources for ECFF, Rhagoletis cerasi <i>Kashian, Daniel</i>	<b>24,976</b>	<b>22,967</b>	<b>48,566</b>	<b>127,297</b>	
<b>Michigan State University - MSU</b>			48,566	47,295	
A Silvicultural System for Conserving Biodiversity and Enhancing Ecosystem Services In Xeric Jack Pine Forests of the Lake States Region <b>U.S. Department of Agriculture - USDA</b>	24,976	22,967	48,566	47,295	
Determining the Impacts of EAB Biological Control on Ash Health and Regeneration		22,967			
Impact of Emerald Ash Borer (EAB) Biological Control on the Health of Ash Trees (Fraxinus spp.) in Michigan				15,000	
Using Dendrochronology to Determine the Efficacy of EAB Biological Control on the Health and Regeneration of Large Ash Trees <b>U.S. FISH AND WILDLIFE SERVICE</b>	24,976			65,002	
Ecological Classification and Inventory of Shiawassee National Wildlife Refuge: Informing Restoration and Re-vegetation of the Germania Golf Course <i>Kashian, Donna</i>	<b>77,698</b>	<b>140,750</b>	<b>181,040</b>	<b>3,241,016</b>	<b>146,631</b>
<b>Great Lakes Environmental Center, Inc.</b>					5,000
Great Lakes Surveillance Plan Technical Assistance					5,000
<b>HURON MOUNTAIN WILDLIFE FOUNDATION</b>		750	1,040	1,040	1,600
A Decadal Assessment of Anthropogenic Impacts to Streams of the Northern Michigan Watersheds		750	1,040		
Development of a Long-Term Database to Assess Anthropogenic Impacts to Streams of the Northern Michigan Watersheds				1,040	1,600

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<b>Michigan Sea Grant/University of Mi and Michigan State Univ</b>		20,000			
Outreach and Education supplement to: Where People Meet the Muck: An Integrated Assessment of Beach Muck and Public Perception at the Bay City State Recreation Area, Saginaw Bay, Lake Huron		20,000			
<b>National Science Foundation - NSF</b>				2,999,976	
NRT: Transforming Research in Urban Sustainability and Training (T- RUST)				2,999,976	
<b>State of Michigan Dept. of Health &amp; Human Services - MDHHS</b>					20,031
Eat Safe Fish					20,031
<b>U.S. GEOLOGICAL SURVEY</b>	65,000	120,000	180,000	240,000	120,000
Characterization of Spawning inhibiting Cue to Control Dreissenid Mussels				240,000	
Characterization of Spawning Inhibiting Cues to Control Dreissenid Mussels	65,000				120,000
Characterization of Spawning Inhibiting Cues to Control Dressenid Mussels		120,000	180,000		
<b>University of Michigan - U of M</b>	12,698				
The Impact of Invasive Dreissenid Mussel Veligers on Larval Fish Diet and Development in Lake Michigan	12,698				
<i>Krabbenhoft, Corey</i>			<b>50,000</b>		
<b>University of Michigan - U of M</b>			50,000		
Impacts and Drivers of Round Goby Invasion in Great Lakes Tributaries			50,000		
<i>Liang, Zhuqing</i>	<b>31,016</b>				
<b>American Heart Association/National Center - AHA</b>	31,016				
Frataxin Deficiency in Cardioplipin-Deficient Cells Leads to Defective Fe-S Biogenesis	31,016				
<i>Meller, Victoria</i>	<b>310,384</b>	<b>316,587</b>	<b>316,849</b>	<b>317,101</b>	
<b>National Institute of General Medical Sciences - NIGMS</b>	310,384	316,587	316,849	317,101	
Small RNA and Whole Chromosome Recognition	310,384	316,587	316,849	317,101	
<i>Pile, Lori</i>		<b>14,470</b>		<b>4,170</b>	

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<b>Karmanos Cancer Institute - KCI</b>		14,470		4,170	
Discovery of Metabolomic Pathways Influenced by the SIN3 Epigenetic Coregulator		14,470			
Pile, L. - Identification of Possible Dynamic Post-Translational Modifications of Components of the SIN3 Histone Modifying Complex				4,170	
<b>Popadic, Aleksandar</b>			<b>300,000</b>		
<b>National Science Foundation - NSF</b>			300,000		
Mining for Ancient Toolkits: Emergence of Planar Structures across Kingdoms			300,000		
<b>Sadagurski, Marianna</b>	<b>149,044</b>	<b>137,867</b>	<b>137,862</b>		
<b>American Diabetes Association - ADA</b>	140,989	137,867	137,862		
Growth Hormone Receptor Neurons in Glucose Metabolism	137,989	137,867	137,862		
The Role of Hypothalamic GHR-SIRT1 Axis in Energy Homeostasis	3,000				
<b>Lactocore, Inc.</b>	8,055				
Effect of Novel Peptide LCGA-17 on Neuroinflammation in Vitro Using Primary Glial Cells	8,055				
<b>Schrader, Jared</b>	<b>369,922</b>	<b>369,922</b>	<b>369,922</b>	<b>369,922</b>	
<b>National Institute of General Medical Sciences - NIGMS</b>	369,922	369,922	369,922	369,922	
Mechanisms of Non-Shine-Dalgarno Translation Initiation	369,922	369,922	369,922	369,922	
<b>Chemistry</b>	<b>10,328,298</b>	<b>7,994,781</b>	<b>8,099,210</b>	<b>6,710,727</b>	<b>6,385,947</b>
<b>Ahn, Young Hoon</b>	<b>365,444</b>	<b>366,893</b>	<b>368,234</b>	<b>366,074</b>	
<b>National Heart, Lung and Blood Institute - NHLBI</b>	365,444	366,893	368,234	366,074	
Chemical Methods for Dissecting Protein Glutathionylation in Sarcomere	365,444	366,893	368,234	366,074	
<b>Allen, Matthew</b>	<b>1,039,163</b>	<b>1,118,843</b>	<b>703,151</b>	<b>282,973</b>	<b>727,651</b>
<b>AMERICAN CHEMICAL SOCIETY</b>		110,000			
Electrochemical Stabilization of U(III) Using Coordination Chemistry		110,000			
<b>NATIONAL INSTITUTE OF BIOMEDICAL IMAGING &amp; BIOENGINEERING</b>					322,651
Study of Advanced Eu(II)-Based Contrast Agents for Ultra-High Field Magnetic Resonance Imaging					322,651

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	2020	2019	2018	2017	2016
<b>National Institute of Biomedical Imaging &amp; Bioengineering - NIBIB</b>				282,973	
Study of Advanced Eu(II)-Based Contrast Agents for Ultra-High Field Magnetic Resonance Imaging				282,973	
<b>National Institutes of Health - NIH</b>	1,039,163	1,008,843	703,151		
Intratatumoral Imaging of Hypoxia Using 1H- and 19F-MRI with Redox-responsive Eu-based-Contrast Agents	676,601	683,300	703,151		
Library Synthesis and Screening of Eu(II)-Based Contrast Agents	323,866	325,543			
Synthesis and Characterization of Linked Eu(II)-Containing Complexes and Paramagnetic Shift Reagents for Hypoxia Imaging	38,696				
<b>NATIONAL SCIENCE FOUNDATION</b>					405,000
Visible Light and Divalent Lanthanides in Photoredox Catalysis					405,000
<b><i>Bhagwat, Ashok</i></b>	<b>179,527</b>	<b>218,405</b>			
<b>National Institutes of Health - NIH</b>	179,527	218,405			
Mapping and Visualizing Uracils Created by AID/APOBEC Enzymes using UdgX	179,527	218,405			
<b><i>Brock, Stephanie</i></b>	<b>1,131,068</b>	<b>161,285</b>		<b>315,000</b>	
<b>National Science Foundation - NSF</b>	1,131,068	161,285		310,000	
Establishing a Chemical Toolbox for Programmed Assembly of Metal Chalcogenide Nanoparticles in "Wired" Architectures				310,000	
MRI: Acquisition of a Field Emission Transmission Electron Microscope to Enable Multidisciplinary Materials Research, Education, and Outreach	980,000				
Transition Metal Pnictide Nanoparticles for Energy-Relevant Applications	151,068	161,285			
<b>Philips Healthcare</b>				5,000	
Next Generation Spectral CT Detectors Project				5,000	
<b><i>Cha, Jin-Kun</i></b>	<b>525,163</b>		<b>300,001</b>	<b>149,999</b>	
<b>National Science Foundation - NSF</b>	525,163		300,001	149,999	
IPA Assignment - NSF - FY2020	525,163				
Synthesis Driven by Release of Ring Strain			300,001	149,999	
<b><i>Chekmenev, Eduard</i></b>	<b>1,922,771</b>	<b>1,161,396</b>	<b>751,045</b>		



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<b>National Cancer Institute - NCI</b>		118,242	135,400		
Magnetic Resonance Spectroscopy and Molecular Imaging of Metabolic Pathways in Cancer		118,242	135,400		
<b>National Institutes of Health - NIH</b>	190,271				
Hyperpolarized Diethyl Ether for Sub-second Pulmonary MRI	190,271				
<b>National Science Foundation - NSF</b>		282,000	88,083		
Collaborative Research: Exploiting Spin Networks and Efficient Catalyst/Substrate Separations for NMR		282,000			
International Collaboration in Chemistry: Collaborative Research: Development of Novel Catalysts and Approaches for Parahydrogen-Induced Enhancement of Magnetic Resonance				88,083	
<b>Southern Illinois University Carbondale</b>				48,000	
Pure Parahydrogen-enhanced Metabolic MRI Contrast Agents for Molecular Imaging				48,000	
<b>U.S. Department of Defense - DOD</b>	1,732,500	761,154			
Low-Cost, High-Throughput 3D Pulmonary Imager Using Hyperpolarized Contrast		761,154			
Low-Cost, High-Throughput 3D Pulmonary Imaging Using Hyperpolarized Propane Gas	1,732,500				
<b>VANDERBILT UNIVERSITY MEDICAL CENTER</b>			479,562		
Screening and Monitoring Response to Treatment Using Sub-second Molecular Imaging and Hyperpolarized Contrast Agents			479,562		
<b>Chernyak, Vladimir</b>		<b>164,671</b>			
<b>Los Alamos National Laboratory</b>		164,671			
Topological Phases of Quantum Matter with Decoherence		164,671			
<b>Chow, Christine</b>		<b>95,000</b>			
<b>UNIVERSITY OF TOLEDO</b>		95,000			
Creation of Tools to Determine the Impact of Natural Modifications on RNA Damage		95,000			
<b>Cisneros, Gerardo</b>					<b>283,354</b>
<b>NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES</b>					<b>283,354</b>

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Theory and Simulation of DNA Repair Enzymes; Mechanism, Structure, and Function <i>Crich, David</i>		76,103	1,870,919	1,623,554	283,354
<b>National Institute for Allergy and Infectious Diseases - NIAID</b>		55,835	629,149	647,179	810,858
Shaping Next Generation Aminoglycoside Antibiotics for Treatment of Multidrug-Resistant Diseases		55,835	629,149	647,179	
<b>NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES</b>					305,409
Methods and Mechanisms in Carbohydrate Chemistry					305,409
<b>National Institute of General Medical Sciences - NIGMS</b>		20,268	1,078,278	332,700	
Methods and Mechanisms in Carbohydrate Chemistry		20,268	486,618	332,700	
Novel Methods and Technologies for Synthesis of Biomedically Relevant Carbohydrates			591,660		
<b>NATIONAL INSTITUTES OF HEALTH</b>					505,449
Shaping Next Generation Aminoglycoside Antibiotics for Treatment of Multidrug-Resistant Diseases					505,449
<b>National Institutes of Health - NIH</b>				631,220	
Novel Methods and Technologies for Synthesis of Biomedically Relevant Carbohydrates				631,220	
<b>University of Zurich</b>			163,492	12,455	
Aminoglycoside Drug Development			163,492	12,455	
<i>Groysman, Stanislav</i>	100,000	450,000	110,000		280,768
<b>AMERICAN CHEMICAL SOCIETY</b>			110,000		55,000
Heterobimetallic Homogeneous Catalysts for CO Oxidation			110,000		
Preparation of Low-Coordinate Bis(Alkoxide) Metal Complexes and Their Reactivity in Bond Formation and Bond Activation Reactions Involving Azide Precu					55,000
<b>BASF CORPORATION</b>	100,000				
Bimetallic Complexes for Selective Binding of Diisocyanides	100,000				
<b>NATIONAL SCIENCE FOUNDATION</b>					225,768
CAREER: Deciphering Reductive Transformations of Heteroallenes at Bimetallic Platforms					225,768

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<b>National Science Foundation - NSF</b>		450,000			
Unique Group Transfer and Coupling Reactivity Promoted by Middle and Late Transition Metals in Bulky Alkoxide Ligand Environments		450,000			
<i>Guo, Zhongwu</i>					<b>523,433</b>
<b>NATIONAL CANCER INSTITUTE</b>					232,622
Metabolic Engineering of Cancer for Selective Immunotargeting					232,622
<b>NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES</b>					290,811
New Methods to Access GPI-Anchored Proteins and Study GPI-Anchored Proteomics					290,811
<i>Kodanko, Jeremy</i>	<b>40,985</b>		<b>209,064</b>	<b>286,195</b>	<b>368,623</b>
<b>Michigan Corporate Relations Network</b>				80,000	
Elucidating Mode of Action for Detastanib, A Novel Combination Therapy for Cancer (MCRN matching funds)				80,000	
<b>NATIONAL INSTITUTE OF BIOMEDICAL IMAGING &amp; BIOENGINEERING</b>					368,623
Light Activation of Enzyme Inhibition					368,623
<b>Ohio State University - OSU</b>			209,064		
Design of New Ru(II) Complexes to Control Excited State Reactivity			209,064		
<b>Penrose Therapeutix, Llc</b>				206,195	
Elucidating Mode of Action for Detastinib, A Novel Combination Therapy for Cancer (Penrose/WSU Agreement)				206,195	
<b>University of Georgia</b>	40,985				
Novel Methods and Technologies for Synthesis of Biomedically Relevant Carbohydrates	40,985				
<i>Li, Wen</i>	<b>764,969</b>		<b>750,000</b>	<b>2,241,679</b>	<b>950,000</b>
<b>MICHIGAN SPACE GRANT CONSORTIUM</b>	5,000				
Using 3D momentum-resolved Laser Desorption Ionization (LDI) to identify biomolecules on Mars	5,000				
<b>National Science Foundation - NSF</b>	534,969				
Probing Multi-electron Dynamics with Absolute CEP Dependent Strong Field Interaction	534,969				

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<b>U.S. ARMY</b>					200,000
Attosecond Electronic Dynamics Probed Using an EUV-PUMP Probe Technique Experimental Physical Chemistry					200,000
<b>U.S. Army - Army</b>				2,200,000	
Attosecond Electronic Dynamics Probed Using an EUV-PUMP Probe Technique Experimental Physical Chemistry				2,200,000	
<b>U.S. DEPARTMENT OF ENERGY</b>					750,000
Exploiting Non-equilibrium Charge Dynamics in Polyatomic Molecules to Steer Chemical Reactions					750,000
<b>U.S. Department of Energy - DOE</b>	225,000		750,000	41,679	
Beating Electronic Decoherence	225,000				
Exploiting Non-equilibrium Charge Dynamics in Polyatomic Molecules to Steer Chemical Reactions			750,000	41,679	
<b>Linz, Thomas</b>	<b>175,404</b>	<b>60,000</b>			
<b>National Institute of General Medical Sciences - NIGMS</b>	175,404				
Versatile Microfluidic Gel Electrophoresis Platform for Native Protein Analyses	175,404				
<b>Society of Analytical Chemists of Pittsburgh</b>		60,000			
Multiplexed Measurements of Proteins and Nucleic Acids in Single Exosomes		60,000			
<b>Liu, Zhenfei</b>	<b>140,000</b>				
<b>AMERICAN CHEMICAL SOCIETY</b>	110,000				
First-Principles Computational Study and Design of Metal-organic Frameworks for Separation of Small Hydrocarbons	110,000				
<b>United States-Israel Binational Science Foundation</b>	30,000				
Exciton Dissociation in Organic Bulk Heterojunctions from a New First- Principles Many-body Approach	30,000				
<b>Luo, Long</b>	<b>650,000</b>				
<b>National Science Foundation - NSF</b>	650,000				
CAREER: Developing Gas Bubbles as a New Tool for Surface-Active Agent Analysis	650,000				
<b>Nguyen, Hien</b>	<b>929,629</b>	<b>993,278</b>	<b>1,586,105</b>		

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<b>National Institute of General Medical Sciences - NIGMS</b>	929,629	993,278	1,586,105		
Catalytic Methods for Stereoselective 1,2-Cis Glycosylation		624,282	1,586,105		
Strategies for Expedited Synthesis of Sulfated Aminoglycans	343,035				
Tailoring Structures of Sulfated Oligosaccharides for Modulating Heparanase Activity	586,594	368,996			
<b><i>Pflum, Mary Kay</i></b>	<b>506,157</b>	<b>927,916</b>	<b>544,782</b>	<b>609,287</b>	<b>539,484</b>
<b>Karmanos Cancer Institute - KCI</b>				25,000	
Novel Inhibitors of HDACs Class I Enzymes for Treatment of Cancer				25,000	
<b>NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES</b>					539,484
Chemical Approaches to Mapping Cell Signaling Pathways					279,063
Identification of Histone Deacetylase Substrates using Trapping Mutants					260,421
<b>National Institute of General Medical Sciences - NIGMS</b>			544,782	584,287	
Chemical Approaches to Mapping Cell Signaling Pathways			279,765	280,716	
Identification of Histone Deacetylase Substrates using Trapping Mutants			265,017	303,571	
<b>National Institutes of Health - NIH</b>	506,157	426,916			
Chemical Approaches to Study Post-translational Modifications	506,157	426,916			
<b>National Science Foundation - NSF</b>		501,000			
ATP Analogs to Study Human Histidine Kinases		501,000			
<b><i>Rabuffetti, Federico</i></b>	<b>151,234</b>		<b>100,000</b>		<b>341,694</b>
<b>MICHIGAN SPACE GRANT CONSORTIUM</b>	5,000				
Synthesis and Characterization of Bimetallic Fluoroacetates as Luminescent Thermometers	5,000				
<b>NATIONAL SCIENCE FOUNDATION</b>					341,694
OP: Establishing the Crystallochemical Principles Governing Energy-Transfer Processes in Upconversion Nanocrystals					341,694
<b>National Science Foundation - NSF</b>	146,234				
Exploiting Chemical and Structural Tunability to Harness Temperature-Dependent Luminescence at the Nanoscale	146,234				
<b>Research Corporation for Science Advancement</b>			100,000		

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
Crystallochemical Principles of Energy Management in Solid-State Photoluminescent Materials <i>Rodgers, Mary</i>			100,000	475,000	
<b>National Science Foundation - NSF</b>				475,000	
Thermochemistry of Noncovalent Interactions and Metal-Ligand Bonds of Biological Relevance <i>Rury, Aaron</i>	150,000	260,000		475,000	
<b>AMERICAN CHEMICAL SOCIETY</b>		110,000			
Unraveling the Structural Basis for Cavity Controlled Molecular Photo- physics		110,000			
<b>U.S. AIR FORCE</b>	150,000	150,000			
YIP Coherent Vibrational Spectroscopy of Charge Transfer Cavity Polaritons <i>Schlegel, Hans</i>	150,000	150,000			
<b>GAUSSIAN, INCORPORATED</b>	376,000	206,000		76,694	72,000
Optimization Methods in Molecular Orbital Theory	36,000	36,000		36,000	72,000
<b>National Science Foundation - NSF</b>	340,000	170,000			
Exploring Strong Field Electronic and Molecular Dynamics	340,000	170,000			
<b>University of North Texas</b>				40,694	
Theory and Simulation of DNA Repair Enzymes: Mechanism, Structure, and Function <i>Stockdill, Jennifer</i>				40,694	
<b>ACS Green Chemistry Institute</b>	300,462	651,966	50,000	272,389	377,610
A Green Strategy for the Synthesis of Head-to-Tail Macrocyclic Peptides			50,000		
<b>AMERICAN CHEMICAL SOCIETY</b>		50,000			
Catalytic Desulfurization of Peptides		50,000			
<b>ELI LILLY AND COMPANY</b>		265,000			
Slimming the 'Waste'-line in Large Peptide Assembly: Alternatives for Peptide Ligation and Desulfurization		265,000			
<b>National Institute of General Medical Sciences - NIGMS</b>	300,462	336,966			

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
Strategies for N to C solid-phase peptide synthesis	300,462	336,966			
<b>NATIONAL SCIENCE FOUNDATION</b>					377,610
CAREER: Harnessing the Reactivity Neutral Aminyl Radicals for Complex Heterocycle Synthesis					377,610
<b>National Science Foundation - NSF</b>				272,389	
CAREER: Harnessing the Reactivity Neutral Aminyl Radicals for Complex Heterocycle Synthesis				272,389	
<i>Su'A, Tepora</i>	<b>15,000</b>				
<b>National Science Foundation - NSF</b>	15,000				
Conference Proposal for NSF support of the Fall 2020 ACS Graduate Student Symposium entitled Pushing the Boundaries: Women Scientists Catalyzing Change	15,000				
<i>Suits, Arthur</i>					<b>170,000</b>
<b>U.S. DEPARTMENT OF ENERGY</b>					170,000
Universal and State-Resolved Imaging Studies of Chemical Dynamics					170,000
<i>Trimpin, Sarah</i>	<b>14,500</b>	<b>30,000</b>	<b>44,213</b>		<b>227,295</b>
<b>BASF CORPORATION</b>	14,500	30,000			
Specialized Services Agreement for Industry Research and Technology Development	14,500	30,000			
<b>MSTM, LLC</b>			44,213		227,295
STTR Phase II: Novel Ionization Process for Materials using Mass Spectrometry			44,213		227,295
<i>Verani, Claudio</i>		<b>475,000</b>			
<b>National Science Foundation - NSF</b>		475,000			
Attaining Configuration and Ligand Field Control over the SOMO/Fermi Gap in Molecular LB Films for Current Rectification		475,000			
<i>Westrick, Judy</i>	<b>29,998</b>				
<b>National Science Foundation - NSF</b>	29,998				
RAPID: Targeted Sampling of a Harmful Algal Bloom in Lake Anna, Virginia with Aerial and Aquatic Robots	29,998				
<i>Winter, Charles</i>	<b>820,824</b>	<b>578,024</b>	<b>711,696</b>	<b>11,883</b>	<b>713,177</b>

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
<b>Applied Materials, Inc.</b>	90,000	90,000	80,001		
Atomic Layer Deposition of Ruthenium Metal and Other Noble Metal Films Using Benign, Reducing Co-Reagents	90,000	90,000	80,001		
<b>BASF CORPORATION</b>	110,000		320,000		100,000
6-Membered Cyclic Dienes as Strongly Reducing Precursors for the Growth of Element Films by Vapor Phase Deposition			100,000		100,000
ALD Process of Al, Ta, Ti, Mo, Co, Ni, TaN or Other Elemental Composition of Relevance			220,000		
Atomic Level Deposition (ALD) process development of Ta, Ti, Mo, Co, Ni, W, Al, TaN or other elemental composition of relevance using novel reducing agents	110,000				
<b>Nalas Engineering Services, Inc.</b>				11,883	20,000
ARDEC Picatinny Arsenal				11,883	20,000
<b>NATIONAL SCIENCE FOUNDATION</b>					474,999
GOALI: Precursors for the Atomic Layer Deposition of Metallic Films					474,999
<b>National Science Foundation - NSF</b>		30,782			
Synthesis Driven by Release of Ring Strain		30,782			
<b>OHIO STATE UNIVERSITY</b>					118,178
Printed Plastic Low-Power NDR Electronics for the Internet of Everything					118,178
<b>Ohio State University - OSU</b>	(3,425)				
Printed Plastic Low-Power NDR Electronics for the Internet of Everything	(3,425)				
<b>SEMICONDUCTOR RESEARCH CORPORATION</b>	88,000	88,000	88,000		
New Precursors and Processes for the Atomic Layer Deposition of Metal and Metal Nitride Films	88,000	88,000	88,000		
<b>UNIVERSITY OF NOTRE DAME</b>	291,299	284,272	138,725		
Thermal Atomic Layer Deposition of Cobalt Titanium and Other Metal Alloy Films	291,299	284,272	138,725		
<b>University of Wisconsin-Madison</b>	244,950	84,970	84,970		
Wisconsin Materials Research Science and Engineering Center	244,950	84,970	84,970		



Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
<b>CLAS Dean's Office</b>	<b>9,500</b>				
<i>McCullen, Megan</i>	<b>9,500</b>				
<b>MICHIGAN SPACE GRANT CONSORTIUM</b>	5,000				
Creating Distance-Learning Space Scouting Badges	5,000				
<b>University of Michigan - U of M</b>	4,500				
The Dawn of a New Universe: Sharing the Large Synoptic Survey Telescope with Detroit	4,500				
<b>Classical/Modern Lang/Culture</b>	<b>15,000</b>	<b>35,000</b>		<b>107,549</b>	<b>10,000</b>
<i>Kline, Laura</i>				<b>10,000</b>	
<b>Charles Gershenson Trust</b>				10,000	
Shostakovich and the Black Monk: A Russian Fantasy Student Research Grants				10,000	
<i>Liu, Haiyong</i>	<b>15,000</b>	<b>35,000</b>			
<b>Consortium of Humanities Center and Institutes</b>	15,000				
Chiang Ching-Kuo Scholarly Exchange Conference: Space of Two Cities	15,000				
<b>University of Wisconsin-Madison</b>		35,000			
Chiang Ching-Kuo Scholarly Exchange Conference: Space of Two Cities		35,000			
<i>Past, Elena</i>				<b>97,549</b>	<b>10,000</b>
<b>American Society for Literature and the Environment</b>				97,549	10,000
American Society for Literature and the Environment 2017 Conference - Wayne State University				97,549	10,000
<b>Communication Sciences &amp; Disor</b>	<b>279,041</b>	<b>357,064</b>	<b>261,183</b>	<b>218,280</b>	<b>230,789</b>
<i>Cacace, Anthony</i>				<b>7,093</b>	<b>63,810</b>
<b>SUNY College of Nanoscale Science and Engineering</b>				7,093	63,810
Novel Theranostic Approaches to Identify and Treat Tinnitus Using Functional Nanoparticles.				7,093	63,810
<i>Hsieh, Li</i>			<b>70,056</b>	<b>40,000</b>	
<b>Carneq GmbH</b>			70,056	40,000	
Calibration of the WSU Two-Dimensional Driving Looming/Tracking and Tactile Detection Response Task Driver Demand Toolbox (WSU 2D DLT-TDRT Driver Dema				20,000	

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
Calibration of the WSU Two-Dimensional Driving Looming/Tracking and Tactile Detection Response Task Driver Demand Toolbox (WSU 2D DLT-TDRT Driver Demand Toolbox)				20,000	
Defining and Validating Three Calibration Tasks for the WSU Two-Dimensional Driving Looming/Tracking and Tactile Detection Response Task Driver Demand Toolbox.			70,056		
<b>Kraft, Shelly Jo</b>	<b>162,997</b>	<b>319,564</b>	<b>173,103</b>	<b>154,916</b>	<b>154,479</b>
<b>NATIONAL INSTITUTE OF DEAFNESS &amp; OTHER COMM. DISOR.</b>					154,479
Genetic Study of Developmental Stuttering					154,479
<b>National Institute of Deafness &amp; Other Comm. Disor. - NIDCD</b>			155,493	154,916	
Genetic Study of Developmental Stuttering			155,493	154,916	
<b>VANDERBILT UNIVERSITY MEDICAL CENTER</b>	162,997	319,564	17,610		
Developmental stuttering: Population based genetic discovery	162,997	319,564	17,610		
<b>O'Leary, Karen</b>	<b>12,500</b>	<b>12,500</b>	<b>18,024</b>	<b>16,271</b>	<b>12,500</b>
<b>Children's Hospital of Michigan Foundation</b>	12,500	12,500	18,024	16,271	12,500
Community and Alumni Continuing Education: Narrative Language Assessment and Intervention.				2,771	
Food Chaining Therapy: Here's what to do!			5,524		
Improving Access and Education for Communication Disorders				13,500	12,500
Improving Access and Education for Communication Disorders.	12,500	12,500	12,500		
<b>Ou, Hua</b>	<b>103,544</b>	<b>25,000</b>			
<b>AMERICAN SPEECH LANGUAGE HEARING FOUNDATION</b>		25,000			
Will optimized written instructions be as effective as audiological service for OTC hearing device users?		25,000			
<b>Helen of Troy Health and Home</b>	103,544				
Clinical Validation Study of the BHA100 Series Braun Clear Hearing Aid.	103,544				
<b>Criminal Justice</b>			<b>568,576</b>		
<b>Smith, Bradley</b>			<b>568,576</b>		
<b>NATIONAL INSTITUTE OF JUSTICE</b>			568,576		

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
Category 1 - Neighborhoods, Stress, & Police Behavior: Understanding the Relationships			568,576		
<b>Economics</b>	<b>327,871</b>	<b>74,653</b>	<b>79,846</b>	<b>97,534</b>	
<i>Belzer, Michael</i>		<b>10,500</b>			
<b>International Brotherhood of Teamsters</b>		10,500			
Safe Rates: Data to determine the effect of compensation on motor vehicle safety		10,500			
<i>Danagoulian, Shooshan</i>	<b>44,100</b>				
<b>Henry Ford Health Systems - HFHS</b>	44,100				
Pragmatic Implementation of the Beckman Coulter hsTnl assay for Evaluating Suspected Acute Coronary Syndrome	44,100				
<i>Goodman, Allen</i>	<b>56,864</b>	<b>64,153</b>	<b>79,846</b>	<b>97,534</b>	
<b>Michigan Health Endowment Fund</b>			79,846	97,534	
Real Time Nursing Home Quality Control				97,534	
Real Time Nursing Home Quality Control - Year 2			79,846		
<b>University of Michigan - U of M</b>	56,864	64,153			
City of Detroit Economic Projection Support	56,864	64,153			
<i>Smieliauskas, Fabrice</i>	<b>108,895</b>				
<b>Alliance for Clinical Trials In Oncology</b>	40,740				
Alliance NCORP Research Base UG1 CA 89823	40,740				
<b>MAYO CLINIC</b>	39,620				
Alliance NCORP Research Base - NIH NCI CA89823	39,620				
<b>UNIVERSITY OF CHICAGO</b>	8,167				
NCI Cancer Moonshot Initiative: Administrative Supplements for the P30 Cancer Center Support Grant to develop tobacco cessation treatment	8,167				
<b>UNIVERSITY OF TEXAS M.D. ANDERSON CANCER CTR.</b>	20,368				
MD Anderson R01CA225647 Targeted Oral Anticancer Agents: Patterns of Indicated and Off-Label Use, the Associated Factors, and Economic Implications	20,368				
<i>Truskinovsky, Yulya</i>	<b>118,012</b>				

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
<b>University of Wisconsin-Madison</b>	118,012				
Caregiving and Labor Force Participation: New Evidence from the American Time Use Survey	118,012				
<b>English</b>	<b>32,749</b>				
<b><i>Wilkens, Matthew</i></b>	<b>32,749</b>				
<b>National Endowment for the Humanities - NEH</b>	32,749				
Textual Geographies	32,749				
<b>Geology</b>	<b>101,534</b>	<b>201,155</b>	<b>172,231</b>	<b>169,360</b>	
<b><i>Baskaran, Mark</i></b>	<b>55,692</b>	<b>117,336</b>		<b>31,262</b>	
<b>National Science Foundation - NSF</b>		117,336		31,262	
GEOTRACES Arctic Section: Application of 210Po and 210Pb Distribution at Contrasting Interface Regimes of Western Arctic				31,262	
RAPID: Investigating the Incorporation of Elements into ice in Lake St. Clair during extreme weather conditions: An Analogy for Chemical Cycling in the Arctic Ocean		117,336			
<b>U.S. Army Corps of Engineers</b>	55,692				
Sediment Sources and Accumulation Rates via Radioisotopes Assessment of Sources and Accumulation Rates of Sediment Accumulating in a range of Aquatic Environments Using Be-7, Pb-210 and Po-210	55,692				
<b><i>Brownlee, Sarah</i></b>	<b>27,614</b>	<b>57,611</b>	<b>124,575</b>	<b>117,306</b>	
<b>National Science Foundation - NSF</b>	27,614	57,611	124,575	117,306	
CAREER: Seismic Anisotropy, Symmetry and Structure - Translating Laboratory Measurements into Seismic Interpretations		57,611	124,575	117,306	
Collaborative Research: Implementation of Tensor Visualization Guide (Tvguide): An Interactive Visualization, Analysis and Database Tool For Seismic Anisotropy	27,614				
<b><i>Papuga, Shirley</i></b>	<b>18,228</b>	<b>26,208</b>	<b>47,656</b>	<b>20,792</b>	
<b>National Science Foundation - NSF</b>				20,792	

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
CAREER: Ecohydrological Controls on Land-Atmosphere Interactions in Water-Limited Ecosystems: A Framework for Education and Research <b>UNIVERSITY OF ARIZONA</b>	18,228	26,208	47,656	20,792	
Linking Ecosystem Services and Governance of Water Resources in Urbanized Landscapes	18,228		33,253		
Transitioning Toward Sustainable Urban Water Systems		26,208	14,403		
<b>History</b>	<b>1,396</b>	<b>32,120</b>	<b>75,879</b>	<b>25,000</b>	<b>25,000</b>
<i>Faue, Elizabeth</i> <b>American Historical Association</b>			23,000	25,000	25,000
Career Diversity Fellow Program			23,000		
<b>NATIONAL ENDOWMENT FOR THE HUMANITIES</b>					25,000
Next Generation PhD Planning Grant - The Value of Humanities in the Global City: Rethinking Culture and Opportunity in Detroit					25,000
<b>National Endowment for the Humanities - NEH</b>				25,000	
Next Generation PhD Planning Grant - The Value of Humanities in the Global City: Rethinking Culture and Opportunity in Detroit				25,000	
<i>Kruman, Marc</i> <b>Kettering Foundation</b>		10,000			
Kettering Foundation Research Study		10,000			
<i>Lublin, Elizabeth</i> <b>AAS NorthEast Asia Council (NEAC)</b>			28,705		
Midwest Japan Seminar			4,980		
<b>THE JAPAN FOUNDATION</b>			23,725		
Midwest Japan Seminar			23,725		
<i>Neumann, Tracy</i> <b>Cleveland State University</b>	1,396	22,120			
PlacePress: A WordPress Plugin for Publishing Location-based Tours and Stories	1,396				
<b>Michigan Department of Natural Resources</b>		22,120			

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
MICHIGAN HISTORY CENTER, DEPARTMENT OF NATURAL RESOURCES, MICHIGAN TRAILS & GREENWAYS ALLIANCE <i>Richmond, Marsha</i>		22,120			
<b>National Science Foundation - NSF</b>			<b>24,174</b>		
Unity and Disunity in Science: International Conference Travel			24,174		
<b>Mathematics</b>	<b>1,528,906</b>	<b>806,039</b>	<b>2,645,876</b>	<b>2,015,595</b>	<b>1,681,005</b>
<i>Isaksen, Daniel</i>	<b>58,391</b>	<b>57,146</b>			<b>166,831</b>
<b>NATIONAL SCIENCE FOUNDATION</b>					166,831
Stable stems					166,831
<b>National Science Foundation - NSF</b>	58,391	57,146			
Motivic and equivariant stable homotopy groups	58,391	57,146			
<i>Kahn, Steven</i>	<b>1,203,888</b>	<b>668,893</b>	<b>1,870,594</b>	<b>1,187,724</b>	<b>1,093,781</b>
<b>Detroit Public Schools - DPS</b>		22,658	89,800	111,200	
The WSU Math Corps In-School Program at Paul Robeson Malcolm X Academy		22,658			
The WSU Math Program at Osborn Evergreen Academy				111,200	
WSU Math Corps Math Literacy and High School Readiness Program			89,800		
<b>Detroit Public Schools Community District - DPS</b>	213,000	334,700			
WSU Math Corps Math Literacy and High School Readiness Program		334,700			
WSU Math Corps Math Literacy and High School Readiness Program 2020-2021	213,000				
<b>Downtown Boxing Gym</b>		8,837		22,340	
The WSU Math Program at Downtown Boxing Gym				3,834	
The WSU Math Program at Downtown Boxing Gym 2017-2018				18,506	
The WSU Math Program at Downtown Boxing Gym Summer 2019		8,837			
<b>Dresner Foundation</b>			60,000		
The Wayne State University Math Corps			60,000		
<b>Education Achievement Authority</b>				174,612	
The WSU Math Program at Pershing High School				120,402	
The WSU Math Program at Pershing High School 2016-2017				54,210	
<b>Escuela Avancemos Academy</b>				59,580	59,580

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
The WSU Math Program at EAA				59,580	59,580
<b>GENERAL MOTORS CORPORATION</b>		100,000	100,000		
GM - MathCorps			100,000		
WSU Math Corps Summer Camp and High School Bridge Program		100,000			
<b>Masco Corporation</b>		10,000	25,000		
2018 Math Corps Program			25,000		
2019 Math Corps Program		10,000			
<b>Math Corps</b>	100,000				
2019 Math Corps	100,000				
<b>NATIONAL SCIENCE FOUNDATION</b>					804,201
Developing and Studying the Replication of Math Corps, an out-of-school-time Mathematics Program for Urban Youth					804,201
<b>National Science Foundation - NSF</b>	707,932		1,560,794	731,196	
Advancing Informal STEM Learning through the Broad Implementation of the Wayne State University Math Corps.	707,932		1,560,794	731,196	
<b>Pnc Bank</b>			10,000		
Math Corps 2018 Summer Camp			10,000		
<b>PNC FOUNDATION</b>		15,000			
2019 WSU Math Corps Summer Programs		15,000			
<b>TBA</b>					6,000
New York Life Excellence Award					6,000
<b>THE DTE ENERGY FOUNDATION</b>	30,000				
Wayne State University Math Corps Summer Camp and High School Bridge Program 2020	30,000				
<b>The James and Grace Lee Boggs School</b>	52,956	77,698		88,796	
The WSU Math Program at JGLBS				88,796	
The WSU Math Program at JGLBS 2018-2019		77,698			
The WSU Math Program at JGLBS 2019-2020	52,956				
<b>The Jamie &amp; Denise Jacob Family Foundation</b>			25,000		
Math Corps Summer Camp and High School Bridge Program			25,000		
<b>UNITED WAY OF SOUTHEASTERN MICHIGAN</b>					224,000

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
WSU Math Program from CEEM (at Osborn Academics)					224,000
<b>Wayne Metropolitan Community Action Agency</b>	100,000	100,000			
Wayne State University Math Corps Summer Camp and High School Bridge Program	100,000	100,000			
<i>Li, Hengguang</i>			<b>198,991</b>		
<b>National Science Foundation - NSF</b>			198,991		
Novel Finite Element Methods for Three-dimensional Anisotropic Singular Problems			198,991		
<i>Mordukhovich, Boris</i>			<b>350,848</b>	<b>96,335</b>	<b>124,423</b>
<b>National Science Foundation - NSF</b>			239,975		
Advanced Research on Second-Order Variational Analysis with New Applications to Optimization, Control, and Practical Modeling			239,975		
<b>U.S. AIR FORCE</b>			110,873	96,335	124,423
Variational Analysis in Optimization and Control: Theoretical and Computational Aspects with Practical Applications			110,873	96,335	124,423
<i>Wang, Pei-Yong</i>			<b>35,000</b>		
<b>Simons Foundation</b>			35,000		
Some Free Boundary Problems for Elliptic Equations			35,000		
<i>Yin, Gang</i>	<b>266,627</b>	<b>80,000</b>	<b>190,443</b>	<b>731,536</b>	<b>295,970</b>
<b>NATIONAL SCIENCE FOUNDATION</b>				123,789	
Analysis, Algorithm Design, and Computation for Stochastic Systems and Optimization				123,789	
<b>National Science Foundation - NSF</b>	106,627			304,965	
Analysis, Simulation, and Applications of Stochastic Systems	106,627			304,965	
<b>U.S. Army Research Development and Engineering Command Acq. Cntr.</b>					145,482
Networked Systems for Enhanced Adaptability: Frameworks Using Switching Diffusions, Stochastic Functional and Partial Differential Equations, and Quan					145,482
<b>U.S. Army Research Development and Engineering Command Acq. Cntr. - RDECOM</b>			73,810	147,708	



Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
Networked Systems for Enhanced Adaptability: Frameworks Using Switching Diffusions, Stochastic Functional and Partial Differential Equations, and Quantum Identification and Control <b>U.S. ARMY RESEARCH OFFICE</b>	160,000	80,000	73,810	147,708	
New Paradigms of Networked Systems: Stochastic Mean-Field Models, Stochastic Recursive Algorithms with Social Interactions, Hybrid Systems, and Distributed Controls and Games <b>UNIVERSITY OF CALIFORNIA, SAN DIEGO</b>	160,000	80,000			150,488
Stochastic Control, Networks, Fundamental Solutions, and Computational Complexity <b>University of California, San Diego - UCSD</b>			116,633	155,074	150,488
Reliable and optimal coordination of networked systems and action-based space trajectory generation/estimation Stochastic Control, Networks, Fundamental Solutions, and Computational Complexity			116,633		
				155,074	
<b>Nutrition &amp; Food Science</b>	<b>689,000</b>	<b>10,200</b>	<b>1,224,654</b>	<b>581,917</b>	<b>950,237</b>
<i>Burghardt, Paul</i> <b>NATIONAL INSTITUTE OF DIABETES DIGESTIVE &amp; KIDNEY DIS.</b>			<b>48,308</b>	<b>40,650</b>	<b>125,930</b>
Neurohormonal and Behavioral Correlates of Obesity and Weight Loss <b>UNIVERSITY OF UTAH</b>			48,308	40,650	125,930
Assay Serum Analyses and Interpretation Neuroscience Initiative Collaborative Pilot Project			48,308	16,000	
				24,650	
<i>Cress, Diane</i> <b>GLEANERS COMMUNITY FOOD BANK</b>		<b>10,200</b>			
Health Impact: Diabetes Prevention Program (HI:DPP) The Healthy Table (La Mesa Saludable)		10,200			
		5,200			
		5,000			
<i>Gupta, Smiti</i> <b>MALAYSIAN PALM OIL BOARD</b>	<b>689,000</b>		<b>344,500</b>	<b>107,525</b>	
Oil Palm Phenolics (OPP) as Preventive Agent in Chronic Conditions Including Alzheimer's Disease and Pancreatic Cancer	689,000		344,500	107,525	
	689,000		344,500	107,525	

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
<b>Zhang, Yifan</b>			651,868		299,998
<b>National Institute of Food and Agriculture</b>					299,998
Investigating the Extent of Antibiotic Resistance Reservoir in Urban Agricultural Production					299,998
<b>U.S. Department of Agriculture - USDA</b>			651,868		
Evaluating Antibiotic Resistance in Locally-Grown Fresh Produce with the Aim to Enhance Urban Food Sustainability			651,868		
<b>Zhou, Kequan</b>			179,978	433,742	524,309
<b>Hamad Medical Corporation</b>			179,978		91,756
A Postprandial Hyperglycemia-Targeted Nutritional Approach to Prevent Progression of Prediabetes to Type-2 Diabetes			179,978		91,756
<b>National Center for Complementary and Alternative Medicine</b>					432,553
Novel Action of Grape Skin Components on Postprandial Hyperglycemia					432,553
<b>National Center for Complementary and Alternative Medicine - NCCAM</b>				433,742	
Novel Action of Grape Skin Components on Postprandial Hyperglycemia				433,742	
<b>Philosophy</b>				4,300	
<b>Corvino, John</b>				4,300	
<b>The American Philosophical Association</b>				4,300	
Philosophy YouTube Pilot Series				4,300	
<b>Physics</b>	6,411,691	2,949,578	3,678,503	1,992,559	3,372,345
<b>Bonvicini, Giovanni</b>		18,480	9,096	8,952	4,494
<b>STANFORD UNIVERSITY</b>		18,480	9,096		
The Large Angle Beamstrahlung Monitor at SuperKERB		18,480	9,096		
<b>U.S. - Japan Cooperative Program in High Energy Physics</b>				8,952	4,494
1st Installment Fund of R&D for SuperKEKB and the Next Generation High Luminosity Colliders				8,952	
US-Japan Cooperative Program in High Energy Physics-16/17					4,494
<b>Cackett, Edward</b>	1,500	474,402	269,658	46,008	244,690

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
<b>National Aeronautics and Space Administration - NASA</b>		94,839		46,008	
Accretion Disk Reverberation Mapping of a Super-Eddington AGN		52,839			
How does the accretion disk evolve with state in GX 349+2?				46,008	
Solving the X-ray-optical accretion disk reprocessing puzzle with time-resolved NICER X-ray spectroscopy of Mrk 876		42,000			
<b>NATIONAL SCIENCE FOUNDATION</b>					105,424
CAREER: Reflection and reverberation in neutron star low-mass X-ray binaries					105,424
<b>National Science Foundation - NSF</b>		379,563	222,809		
Are AGN accretion disks too big?		266,107			
CAREER: Reflection and reverberation in neutron star low-mass X-ray binaries		113,456	222,809		
<b>Space Telescope Science Institute</b>			46,849		139,266
Accretion disk reverberation mapping of the high Eddington rate Seyfert 1 Mrk 110			46,849		
Probing the accretion disk in the Seyfert 1 NGC 4593					139,266
<b>University of Michigan - U of M</b>	1,500				
2020 MSGC Campus Rep	1,500				
<i>Chu, Xiang-Qiang</i>			(292,168)		428,271
<b>NATIONAL SCIENCE FOUNDATION</b>					428,271
Investigation of Protein Dynamics on Multiple Timescales by Neutron Scattering and Molecular Dynamics Simulations					428,271
<b>National Science Foundation - NSF</b>			(292,168)		
Investigation of Protein Dynamics on Multiple Timescales by Neutron Scattering and Molecular Dynamics Simulations			(292,168)		
<i>Cinabro, David</i>	341,002	430,779			
<b>Brookhaven National Laboratories - BNL</b>		30,835			
Kospalage Ozaki Exchange: Analysis of decay mode B <sup>+</sup> → K <sub>s0</sub> π <sup>+</sup> π <sup>0</sup> based on the data from Belle II MC by using Dalitz plots, Laura++ and Multi-Variate Analysis.		30,835			
<b>MICHIGAN SPACE GRANT CONSORTIUM</b>	5,000				

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
Zowada Observatory Pipeline Optimization for Transient Observation	5,000				
<b>National Science Foundation - NSF</b>		399,944			
CC*: Campus Computing and the Computing Continuum: Campus Cluster Resource Expanded High Performance Computing at Wayne State		399,944			
<b>U.S. Department of Energy - DOE</b>	336,002				
David Cinabro IPA	336,002				
<i>Harr, Robert</i>		<b>22,365</b>	<b>15,000</b>		
<b>FERMI NATIONAL ACCELERATOR LABORATORY</b>		22,365			
Activities Related to the High Luminosity (HL) LHC CMS Detector Upgrade Project Outer Tracker - FY19		22,365			
<b>University Research Association - URA</b>			15,000		
Nabin Poudyal Visiting Scholar Award			15,000		
<i>Huang, Zhifeng</i>				<b>200,000</b>	
<b>National Science Foundation - NSF</b>				200,000	
Exploring Growth Mechanisms of Nonequilibrium Nanostructured Materials				200,000	
<i>Karchin, Paul</i>	<b>10,260</b>	<b>280,000</b>	<b>431,000</b>		<b>615,000</b>
<b>CORNELL UNIVERSITY</b>	10,260				
U.S. CMS Upgrades for the High-Luminosity Large Hadron Collider	10,260				
<b>U.S. DEPARTMENT OF ENERGY</b>					605,000
Particle Physics Research Program					605,000
<b>U.S. Department of Energy - DOE</b>		280,000	421,000		
Particle Physics Research Program		280,000	421,000		
<b>University Research Association</b>					10,000
Exotic Searches in the Dimuon Channel, Generator Cross Section Database, and Development of GEM Detectors for the CMS Muon System					10,000
<b>University Research Association - URA</b>			10,000		
Search for compositeness of quarks and leptons in the dielectron final state using the CMS detector and CMS simulation data base tool			10,000		

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
<i>Kelly, Christopher</i>		200,000		300,000	
<b>National Science Foundation - NSF</b>		200,000		300,000	
The nanomechanical effects of curvature in biological membranes		200,000		300,000	
<i>Llope, William</i>	118,276	115,838	1,193,840	500,000	585,093
<b>Brookhaven National Laboratories - BNL</b>	118,276	115,838			
sPHENIX TPC Detector Upgrade at RHC		20,000			
sPHENIX TPC detector upgrade at RHIC 2019	118,276	95,838			
<b>U.S. DEPARTMENT OF ENERGY</b>					100,000
Upgraded Physics At The LHC And RHIC					100,000
<b>UNIVERSITY OF TENNESSEE</b>			1,193,840	500,000	485,093
GEMs for ALICE Barrel Tracking Upgrade			1,193,840	500,000	485,093
<i>Majumder, Abhijit</i>	4,154,613	169,276	810,691	75,599	535,355
<b>NATIONAL SCIENCE FOUNDATION</b>					435,355
Collaborative Research: SI2-SSI: Jet Energy-loss Tomography with a Statistically and Computationally Advanced Program Envelope (JETSCAPE)					435,355
<b>National Science Foundation - NSF</b>	4,048,831		304,691	75,599	
Collaborative Research: SI2-SSI: Jet Energy-loss Tomography with a Statistically and Computationally Advanced Program Envelope (JETSCAPE)			304,691	75,599	
Framework: The X-SCAPE collaboration: The X-ion collision with a Statistically and Computationally Advanced Program Envelope collaboration	4,048,831				
<b>U.S. DEPARTMENT OF ENERGY</b>					100,000
Jet Modification in dense matter from first principles					100,000
<b>U.S. Department of Energy - DOE</b>	105,782	169,276	506,000		
Jet Modification in dense matter from first principles	105,782	169,276	506,000		
<i>Matos Abiague, Alex</i>	113,001	193,705	86,390		
<b>NEW YORK UNIVERSITY</b>	80,000	154,233	58,866		
Engineering topological states using electrically tunable magnetic chains	80,000	154,233	58,866		

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
<b>UNIVERSITY OF NEW YORK AT BUFFALO</b>	33,001	39,472	27,524		
Nanoelectronics with Proximitized Materials	33,001	39,472	27,524		
<i>McCullen, Megan</i>		<b>13,414</b>			
<b>American Physical Society</b>		13,414			
Intergalactic Travelers:From Detroit to the Stars		13,414			
<i>Paz, Gil</i>		<b>4,657</b>	<b>84,914</b>	<b>15,964</b>	<b>14,340</b>
<b>FERMI NATIONAL ACCELERATOR LABORATORY</b>		3,830			
Nonstandard neutrino interactions		3,830			
<b>Simons Foundation</b>		827	84,914		
How Big is the Proton?		827	84,914		
<b>UNIVERSITY OF NOTRE DAME</b>				15,964	14,340
QuarkNet Research Program				15,964	
QuarkNet Research Program - 15/16					14,340
<i>Petrov, Alexey</i>	<b>329,000</b>				<b>102,070</b>
<b>NATIONAL SCIENCE FOUNDATION</b>					102,070
REU Site: Research Experience for Undergraduates in Astrophysics, Nuclear and Particle Physics					102,070
<b>U.S. Department of Energy - DOE</b>	329,000				
Particle Physics Research Program	329,000				
<i>Sakamoto, Takeshi</i>		<b>151,662</b>	<b>246,118</b>		<b>173,032</b>
<b>NATIONAL SCIENCE FOUNDATION</b>					173,032
Determine the mechanical properties of molecular motors in vesicle transports					173,032
<b>National Science Foundation - NSF</b>		151,662	246,118		
Determine the mechanical properties of molecular motors in vesicle transports		151,662	246,118		
<i>Shah, Nausheen</i>	<b>1,000</b>			<b>40,000</b>	
<b>American Physical Society</b>	1,000			40,000	
APS Conference for Undergraduate Women in Physics				40,000	
SUPER Women in Physics Group Grant	1,000				
<i>Shen, Chun</i>	<b>255,086</b>				

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
<b>National Science Foundation - NSF</b>	255,086				
Quantitative Characterization of Quark-Gluon Plasma Properties with Dynamical Fluctuations	255,086				
<b><i>Voloshin, Sergei</i></b>	<b>931,000</b>	<b>875,000</b>	<b>823,964</b>	<b>806,036</b>	<b>670,000</b>
<b>U.S. DEPARTMENT OF ENERGY</b>					670,000
Relativistic Heavy Ion Research					670,000
<b>U.S. Department of Energy - DOE</b>	931,000	875,000	823,964	806,036	
Relativistic Heavy Ion Research	931,000	875,000	823,964	806,036	
<b><i>Zhou, Zhixian</i></b>	<b>156,953</b>				
<b>National Science Foundation - NSF</b>	156,953				
Pin down the Fermi Pinning Mechanisms at 2D semiconductor contacts	156,953				
<b>Political Science</b>		<b>66,050</b>	<b>55,000</b>		<b>69,082</b>
<b><i>Helper, Ariel</i></b>		<b>50,400</b>			
<b>National Endowment for the Humanities - NEH</b>		50,400			
Plato's Letters as Political Philosophy: A New Interpretation and English Translation		50,400			
<b><i>Lean, Sharon</i></b>					<b>59,082</b>
<b>Institute of International Education</b>					59,082
SYTHESIZING EVIDENCE OF KEY QUESTIONS FOR THE DRG SECTOR Wayne State University Interdisciplinary Working Group: Increasing the Civil and Political Pa					59,082
<b><i>Moldavanova, Alisa</i></b>		<b>10,000</b>			
<b>National Endowment for The Arts - NEA</b>		10,000			
Arts and Culture Nonprofits and Community Sustainability: Examining the Role of Organizational and Environmental Factors		10,000			
<b><i>Pearson, Frederic</i></b>		<b>5,650</b>			<b>10,000</b>
<b>National Park Foundation</b>					10,000
Ralph Bunche Summer Institute 2016					10,000
<b>North Atlantic Treaty Organization</b>		5,650			
The Evolution of NATO's Purpose and Missions		5,650			

<b>Sponsor Funded Awards</b>	<b>Fiscal Year</b>				
<b>by Department and Principal Investigator</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>
<i><b>Taylor, Kristin</b></i>			<b>55,000</b>		
<b>National Science Foundation - NSF</b>			55,000		
Constraints on Policy Learning After Disaster			55,000		
<b>Psychology</b>	<b>699,859</b>	<b>1,488,762</b>	<b>969,720</b>	<b>1,183,923</b>	<b>1,446,424</b>
<i><b>Barnett, Douglas</b></i>				<b>71,042</b>	<b>133,096</b>
<b>CHILDREN'S HOSPITAL OF MICHIGAN</b>					80,656
Continuation of CHM Integrated Care Program					80,656
<b>Children's Hospital of Michigan - CHM</b>				71,042	
Integrate Behavioral Health Care for General Pediatrics and Adolescent Medicine				71,042	
<b>DETROIT PUBLIC SCHOOLS</b>					52,440
Safe Family					52,440
<i><b>Bowen, Scott</b></i>		<b>53,900</b>			
<b>CBD Clinilabs</b>		53,900			
Ellipse Analytics Blood Sampling Data		53,900			
<i><b>Casey, Rita</b></i>	<b>3,000</b>				
<b>Blue Cross/Blue Shield of Mi Fnd - BCBS</b>	3,000				
Yoga as a Complimentary and Alternative Medicine for Teacher Psychological Distress and Burnout: The Impact of Online Yoga	3,000				
<i><b>Dickson, Marcus</b></i>				<b>3,500</b>	
<b>SIOP Foundation Inc.</b>				3,500	
Investigating current measurement and aggregation controversies in the cross-cultural organizational literature				3,500	
<i><b>Franklin, Marilyn</b></i>	<b>124,503</b>	<b>70,550</b>	<b>74,451</b>		
<b>Children's Hospital of Michigan Foundation</b>	124,503	70,550	74,451		
Integrated Behavioral Health Care at Children's Hospital of Michigan primary care clinic and school-based health clinic.	118,218				
Integrated Behavioral Health Care for General Pediatrics and Adolescent Medicine	6,285	70,550	74,451		
<i><b>Grekin, Emily</b></i>	<b>3,000</b>		<b>3,000</b>	<b>221,375</b>	<b>182,282</b>
<b>Blue Cross/Blue Shield of Mi Fnd - BCBS</b>	3,000		3,000		



Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
Borderline Personality Traits and Alcohol Use: The Role of State Anger			3,000		
Investigating the Feasibility of Instagram Interventions for College-Age Binge-Drinkers	3,000				
<b>National Institute on Alcohol Abuse and Alcoholism - NIAAA</b>				221,375	
Optimizing e-interventions for alcohol use: Do common factors apply?				221,375	
<b>NATIONAL INSTITUTES OF HEALTH</b>					182,282
Optimizing e-interventions for alcohol use: Do common factors apply?					182,282
<i>Johnson, Lars</i>	<b>199,537</b>				
<b>National Science Foundation - NSF</b>	199,537				
RAPID: The Impact of Being Policed Under Threat	199,537				
<i>Kopetz, Catalina</i>		<b>194,940</b>	<b>167,475</b>		<b>9,778</b>
<b>National Cancer Institute - NCI</b>		194,940	167,475		
Intermittent and daily smoking; a comparison between mechanisms		194,940	167,475		
<b>NATIONAL INSTITUTE ON DRUG ABUSE</b>					9,778
Early Psychosocial Deprivation and Risk Taking Among Adolescents in Romania (Transfer from University of Maryland)					9,778
<i>Lumley, Mark</i>	<b>5,500</b>	<b>83,768</b>			<b>12,000</b>
<b>Blue Cross/Blue Shield of Mi Fnd - BCBS</b>	3,000				
Pain & Stress Study	3,000				
<b>Center for Arab American Philanthropy</b>	2,500				
What unique mental health challenges do bicultural women-specifically Arab-American women-face when confronted with conflicting sexual norms?	2,500				
<b>Third Judicial Circuit Court</b>		12,000			12,000
Wayne State University Department of Psychology Agreement for Research and Training For the Third Judicial Circuit Court Clinic for Child Study		12,000			

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
Wayne State University Department of Psychology Contract with Third Judicial Circuit Court Clinic for Child Study <b>University of Southern California - USC</b>		71,768			12,000
Development and Preliminary Testing of Novel Virtual Human-Assisted Psychosocial Interviews for Patients with Chronic Musculoskeletal Pain <i>Rapport, Lisa</i> <b>Administration for Community Living</b>		71,768			
Field Initiated Projects Program-Visual Gaze and Validity Cognitive Evaluations.				193,956	388,120
<b>Blue Cross/Blue Shield of Mi Fnd - BCBS</b>		6,000	6,000		
Detecting Simulated Versus Bona Fide Traumatic Brain Injury Using Pupillometry		3,000			
Multicultural and Single-Cultural Facial Recognition Memory Among Black and White Adults			3,000		
Perspective-Taking and Relationship Quality in Traumatic Brain Injury and Caregiver Dyads		3,000			
Predictors of Cognitive Reserve in Multiple Sclerosis <i>Schacter, Hannah</i>		7,500			
<b>Society for Research In Child Development</b>		7,500			
Mitigating the Harmful Effects of Discrimination among Diverse Adolescents: An Identity-Based Intervention <i>Slatcher, Richard</i>		7,500			
<b>NATIONAL HEART, LUNG AND BLOOD INSTITUTE</b>			681,131	694,050	705,788
Asthma in the Lives of Families Today (ALOFT)					693,178
<b>National Heart, Lung and Blood Institute - NHLBI</b>			681,131	694,050	
Asthma in the Lives of Families Today (ALOFT)			681,131	694,050	
<b>UNIVERSITY OF SOUTH CAROLINA</b>					12,610
NINR R01NR013466A-Resilience-based psychosocial intervention among children affected by HIV/AIDS <i>Trentacosta, Christopher</i>					12,610
<b>American Psychological Association - APA</b>	364,319	336,967	5,000		
			5,000		

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
2017 APA Dissertation Research Award - Laura Crespo			5,000		
<b>NEW YORK UNIVERSITY</b>		157,752			
In Utero Assessment of the Human Neural Connectome and Later Child Behavior		157,752			
<b>New York University School of Medicine</b>	364,319	179,215			
Examining Prenatal Inflammation and Neurodevelopment in a Longitudinal Fetal-to-Age 9 Imaging Study	288,731				
From The Womb To The Classroom: Linking Perinatal Micronutrients and Toxicants To Neural and Behavioral Development In Utero And In Childhood	26,240				
In utero Assessment of the Human Neural Connectome and Later Child Behavior		179,215			
In Utero Assessment of the Human Neural Connectome and Later Child Behavior	49,348				
<b>Woodard, John</b>		<b>62,292</b>	<b>32,663</b>		
<b>Blue Cross/Blue Shield of Mi Fnd - BCBS</b>			3,000		
Trained and Derived Relational Responding			3,000		
<b>Cleveland Clinic Lerner College of Medicine - CCLCM</b>		62,292	29,663		
Immune Mechanism Underlying the Neuroprotective Effects of Physical Activity in Human and Mouse Models of Genetic Risk for Alzheimers Disease			29,663		
Immune Mechanisms Underlying the Neuroprotective Effects of Physical Activity in Human and Mouse Models of Genetic Risk for Aging for Alzheimers Disease		32,629			
Immune Mechanisms Underlying the Neuroprotective Effects of Physical Activity in Human and Mouse Models of Genetic Risk for Alzheimers Disease		29,663			
<b>Wurm, Annmarie</b>					<b>15,360</b>
<b>AMERICAN PSYCHOLOGICAL ASSOCIATION</b>					15,360
APA summer scholars program					15,360
<b>Zilioli, Samuele</b>		<b>672,845</b>			
<b>National Heart, Lung and Blood Institute - NHLBI</b>		672,845			

Sponsor Funded Awards by Department and Principal Investigator	Fiscal Year				
	2020	2019	2018	2017	2016
Asthma in the Lives of Families Today (ALOFT)		672,845			
<b>Sociology</b>	<b>247,810</b>	<b>69,204</b>			<b>1,200</b>
<i>Brown, R.</i>	16,000				
<b>Issachar Fund</b>	16,000				
Religion and Political Polarization	16,000				
<i>Brumley, Krista</i>	<b>206,810</b>	<b>15,617</b>			
<b>National Science Foundation - NSF</b>	206,810	15,617			
Doctoral Dissertation Research: Answering for their Visibility: Muslim Women, the Hijab, and Workplace Experiences		15,617			
Doctoral Dissertation Research: Reconnecting Sex to Gender: An Examination of the Medicalization of Transgender Adolescents	15,810				
RAPID: Impact of Workplace Supports and Resources on Work-Family Conflict	191,000				
<i>Duquette, Lauren</i>		<b>48,587</b>			
<b>RUSSELL SAGE AND ROCKEFELLER FOUNDATIONS</b>		48,587			
Naturalizing Under Threat: Citizenship Acquisition in the Age of immigration Enforcement		48,587			
<i>Morton, Patricia</i>	<b>25,000</b>				
<b>PURDUE UNIVERSITY</b>	25,000				
Childhood Misfortune and Adult Health	25,000				
<i>Swider, Sarah</i>		<b>5,000</b>			<b>1,200</b>
<b>American Council of Learned Societies - ACLS</b>		5,000			
Tax Foreclosure, Racialized Dispossession, and Belonging in Post-2008 Detroit		5,000			
<b>UNIVERSITY OF CALIFORNIA, LOS ANGELES</b>					1,200
Organizing among informal workers in the construction and domestic workers Industries					1,200
<b>Urban Planning</b>			<b>10,000</b>	<b>99,987</b>	<b>58,500</b>
<i>Boyle, Robert</i>					<b>33,500</b>
<b>Detroit Metro Convention and Visitors Bureau</b>					33,500
Taxicab Services and Mobility in SE Michigan					33,500

<b>Sponsor Funded Awards</b>	<b>Fiscal Year</b>				
<b>by Department and Principal Investigator</b>	<b>2020</b>	<b>2019</b>	<b>2018</b>	<b>2017</b>	<b>2016</b>
<i>Mohamed, Shaikh</i>				<b>99,987</b>	
<b>Michigan Health Endowment Fund</b>				99,987	
BusMe: An e-health Platform to Reduce Pediatric Health Disparities by Improving Public Transportation Access in Detroit.				99,987	
<i>Pothukuchi, Kameshwari</i>			<b>10,000</b>		<b>25,000</b>
<b>FORD MOTOR COMPANY FUND</b>			10,000		25,000
From Volunteering to Career Paths: Student Leadership in Community Food Systems			10,000		25,000
<b>Grand Total</b>	<b>23,994,356</b>	<b>16,406,955</b>	<b>20,695,798</b>	<b>19,081,321</b>	<b>16,696,751</b>