



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Gift, Grant and Contract Report

From: Gift, Grant and Contract Report

Date April 12, 2024

Agenda Item: Gift, Grant and Contract Report

Information

Discussion

Action

Resolution:

BE IT RESOLVED that the Board of Trustees approve acceptance of gifts, grants and contracts as listed in the attached report.

Recommendation:

That the Board of Trustees approve the attached Gift, Grant and Contract Report for the period of January 6, 2024 through March 15, 2024.

Prior Action by BOT: Not applicable.

Responsible Officers: Douglas A. Gage, Vice President for Research and Innovation

Summary: See recommendation above.

Background Information:

FY 2023-24 TOTALS:

- a) Gifts, Grants and Contracts only: \$689,452,649
 - b) Gifts, Grants and Contracts plus Consignments: \$690,517,099
- (Consignments are Non-Cash Gifts and Non-Cash Loans)

Source of Funds: Various sponsors including Federal Government, State of Michigan, Foundation, Association, Industry, Individual Donors/Advancement, and Others as listed in the attachment.

Resource Impact: The report is a compilation of 394 Gifts, Grants and Contracts plus 16 Consignment/Non-Cash Gifts, with a total value of \$108,356,501.

Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 04/12/2024

Current Period: Jan 6, 2024 - Mar 15, 2024

AWARD TOTALS

| Research | | | |
|-------------------------------|----------------------|----------------------|----------------|
| Gift/Grant Source | Current Period | Year to Date | % of Total YTD |
| Federal Government | \$61,105,046 | \$407,805,111 | 88.9% |
| State of Michigan | \$1,990,305 | \$11,039,817 | 2.4% |
| Other | \$7,529,994 | \$19,978,880 | 4.4% |
| Industry/CO | \$1,409,579 | \$6,880,554 | 1.5% |
| Foundation | \$618,749 | \$10,862,225 | 2.4% |
| Association | \$555,522 | \$2,176,711 | 0.5% |
| Research - Total | \$73,209,195 | \$458,743,298 | 100% |
| Non-Research | | | |
| Gift/Grant Source | Current Period | Year to Date | % of Total YTD |
| Federal Government | \$5,214,576 | \$80,462,548 | 34.9% |
| State of Michigan | \$16,913,370 | \$24,850,824 | 10.8% |
| Other | \$662,504 | \$14,050,750 | 6.1% |
| Industry/CO | \$188,911 | \$6,552,927 | 2.8% |
| Foundation | \$11,577,507 | \$17,637,901 | 7.6% |
| Association | \$337,472 | \$402,472 | 0.2% |
| Various Donors - Advancement* | \$0 | \$86,751,929 | 37.6% |
| Non-Research - Total | \$34,894,340 | \$230,709,351 | 100% |
| Total | | | |
| Gift/Grant Source | Current Period | Year to Date | Amount % YTD |
| Federal Government | \$66,319,623 | \$488,267,660 | 70.8% |
| State of Michigan | \$18,903,675 | \$35,890,640 | 5.2% |
| Other | \$8,192,497 | \$34,029,631 | 4.9% |
| Industry/CO | \$1,598,490 | \$13,433,481 | 1.9% |
| Foundation | \$12,196,256 | \$28,500,126 | 4.1% |
| Association | \$892,994 | \$2,579,183 | 0.4% |
| Various Donors - Advancement* | \$0 | \$86,751,929 | 12.6% |
| TOTAL | \$108,103,535 | \$689,452,649 | 100% |

OF AWARDS

| Research | | | |
|-------------------------------|----------------|--------------|----------------|
| Gift/Grant Source | Current Period | Year to Date | % of Total YTD |
| Federal Government | 187 | 951 | 62.9% |
| State of Michigan | 18 | 67 | 4.4% |
| Other | 57 | 231 | 15.3% |
| Industry/CO | 22 | 154 | 10.2% |
| Foundation | 9 | 66 | 4.4% |
| Association | 15 | 44 | 2.9% |
| Research - Total | 308 | 1,513 | 100% |
| Non-Research | | | |
| Gift/Grant Source | Current Period | Year to Date | % of Total YTD |
| Federal Government | 36 | 207 | 47.3% |
| State of Michigan | 9 | 41 | 9.4% |
| Other | 12 | 74 | 16.9% |
| Industry/CO | 2 | 38 | 8.7% |
| Foundation | 23 | 66 | 15.1% |
| Association | 4 | 9 | 2.1% |
| Various Donors - Advancement* | 0 | 3 | 0.7% |
| Non-Research - Total | 86 | 438 | 100% |
| Total | | | |
| Gift/Grant Source | Current Period | Year to Date | Count % YTD |
| Federal Government | 223 | 1,158 | 59.4% |
| State of Michigan | 27 | 108 | 5.5% |
| Other | 69 | 305 | 15.6% |
| Industry/CO | 24 | 192 | 9.8% |
| Foundation | 32 | 132 | 6.8% |
| Association | 19 | 53 | 2.7% |
| Various Donors - Advancement* | 0 | 3 | 0.2% |
| TOTAL | 394 | 1,951 | 100% |

* This is philanthropic cash received.

Current Year / Previous Year

Gift & Grant Awards

Meeting Date: 04/12/2024

Current Period: Jan 6, 2024 - Mar 15, 2024

AWARD TOTALS

| Research | | | |
|-------------------------------|---------------|---------------|-----------------|
| Gift/Grant Source | Previous YTD | Year to Date | % Change |
| Federal Government | \$385,380,945 | \$407,805,111 | 5.8% |
| State of Michigan | \$7,271,277 | \$11,039,817 | 51.8% |
| Other | \$15,582,647 | \$19,978,880 | 28.2% |
| Industry/CO | \$7,012,980 | \$6,880,554 | -1.9% |
| Foundation | \$12,527,346 | \$10,862,225 | -13.3% |
| Association | \$2,698,725 | \$2,176,711 | -19.3% |
| Research - Total | \$430,473,918 | \$458,743,298 | 6.6% |
| Non-Research | | | |
| Gift/Grant Source | Previous YTD | Year to Date | % Change |
| Federal Government | \$67,786,771 | \$80,462,548 | 18.7% |
| State of Michigan | \$22,467,103 | \$24,850,824 | 10.6% |
| Other | \$13,453,974 | \$14,050,750 | 4.4% |
| Industry/CO | \$3,995,672 | \$6,552,927 | 64.0% |
| Foundation | \$5,619,247 | \$17,637,901 | 213.9% |
| Association | \$561,878 | \$402,472 | -28.4% |
| Various Donors - Advancement* | \$83,618,308 | \$86,751,929 | 3.7% |
| Non-Research - Total | \$197,502,952 | \$230,709,351 | 16.8% |
| Total | | | |
| Gift/Grant Source | Previous YTD | Year to Date | Amount % Change |
| Federal Government | \$453,167,715 | \$488,267,660 | 7.7% |
| State of Michigan | \$29,738,379 | \$35,890,640 | 20.7% |
| Other | \$29,036,620 | \$34,029,631 | 17.2% |
| Industry/CO | \$11,008,652 | \$13,433,481 | 22.0% |
| Foundation | \$18,146,592 | \$28,500,126 | 57.1% |
| Association | \$3,260,603 | \$2,579,183 | -20.9% |
| Various Donors - Advancement* | \$83,618,308 | \$86,751,929 | 3.7% |
| TOTAL | \$627,976,871 | \$689,452,649 | 9.8% |

OF AWARDS

| Research | | | |
|-------------------------------|------------------|--------------|----------------|
| Gift/Grant Source | Previous YTD | Year to Date | % Change |
| Federal Government | 1,008 | 951 | -5.7% |
| State of Michigan | 66 | 67 | 1.5% |
| Other | 223 | 231 | 3.6% |
| Industry/CO | 222 | 154 | -30.6% |
| Foundation | 81 | 66 | -18.5% |
| Association | 72 | 44 | -38.9% |
| Research - Total | 1,672 | 1,513 | -9.5% |
| Non-Research | | | |
| Gift/Grant Source | Previous YTD | Year to Date | % Change |
| Federal Government | 231 | 207 | -10.4% |
| State of Michigan | 44 | 41 | -6.8% |
| Other | 73 | 74 | 1.4% |
| Industry/CO | 50 | 38 | -24.0% |
| Foundation | 58 | 66 | 13.8% |
| Association | 9 | 9 | 0.0% |
| Various Donors - Advancement* | 3 | 3 | 0.0% |
| Non-Research - Total | 468 | 438 | -6.4% |
| Total | | | |
| Gift/Grant Source | Acceptance Total | Year to Date | Count % Change |
| Federal Government | 1,239 | 1,158 | -6.5% |
| State of Michigan | 110 | 108 | -1.8% |
| Other | 296 | 305 | 3.0% |
| Industry/CO | 272 | 192 | -29.4% |
| Foundation | 139 | 132 | -5.0% |
| Association | 81 | 53 | -34.6% |
| Various Donors - Advancement* | 3 | 3 | 0.0% |
| TOTAL | 2,140 | 1,951 | -8.8% |

* This is philanthropic cash received.

Henry Ford Health + MSU Health Sciences: Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 4/12/2024

Current Period: Jan 6, 2024 - Mar 15, 2024

NOTE: This supplemental report (pages 4-5) shows HFH + MSU HS awards that also appear in the full University Board of Trustees summary on pages 2-3, Top 10 on page 7, and Gift, Grant and Contract Report on pages 8-36. These NIH projects were proposed and awarded through HFH+MSU HS (which is associated with CHM/COM/Nursing colleges).

AWARD TOTALS

| Research | | | |
|-----------------------------|------------------|---------------------|----------------|
| Gift/Grant Source | Current Period | Year to Date | % of Total YTD |
| Federal Government | \$821,684 | \$28,800,733 | 100% |
| | | | |
| | | | |
| | | | |
| | | | |
| Research - Total | \$821,684 | \$28,800,733 | 100% |
| Non-Research | | | |
| Gift/Grant Source | Current Period | Year to Date | % of Total YTD |
| Federal Government | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Non-Research - Total | \$ - | \$ - | 0% |
| Total | | | |
| Gift/Grant Source | Current Period | Year to Date | Amount % YTD |
| Federal Government | \$821,684 | \$28,800,733 | 100% |
| | | | |
| | | | |
| | | | |
| | | | |
| TOTAL | \$821,684 | \$28,800,733 | 100% |

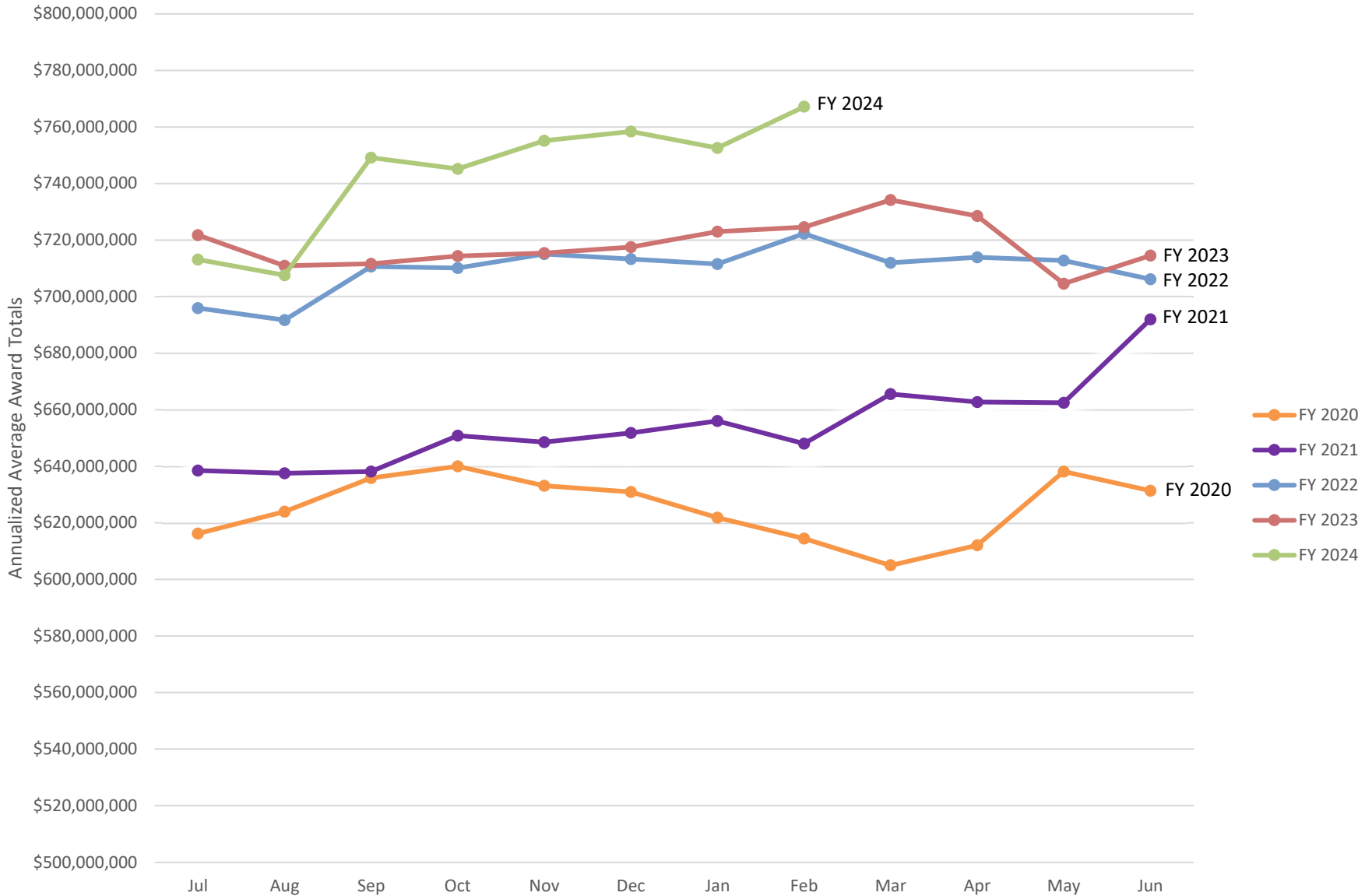
OF AWARDS

| Research | | | |
|-----------------------------|----------------|--------------|----------------|
| Gift/Grant Source | Current Period | Year to Date | % of Total YTD |
| Federal Government | 7 | 19 | 100% |
| | | | |
| | | | |
| | | | |
| | | | |
| Research - Total | 7 | 19 | 100% |
| Non-Research | | | |
| Gift/Grant Source | Current Period | Year to Date | % of Total YTD |
| Federal Government | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Non-Research - Total | 0 | 0 | 0% |
| Total | | | |
| Gift/Grant Source | Current Period | Year to Date | Count % YTD |
| Federal Government | 7 | 19 | 100% |
| | | | |
| | | | |
| | | | |
| | | | |
| TOTAL | 7 | 19 | 100% |

Henry Ford Health + MSU Health Sciences
Board of Trustees
April 2024

| | Amount | Sponsor | Principal Investigator/ Director | Unit | Project Title |
|--|-----------|---|-------------------------------------|---|---|
| COLLEGE OF HUMAN MEDICINE | | | | | |
| 1 | \$431,750 | NATIONAL INST OF HEALTH | Ahmedani, Brian | PSYCHIATRY | IMPLEMENTATION STRATEGIES FOR SUICIDE PREVENTION AMONG YOUTH IN NEPAL |
| 2 | \$125,000 | NATIONAL INST OF HEALTH | Heyza, Joshua | INSTITUTE FOR QUANTITATIVE HEALTH | MOLECULAR REGULATION OF DOUBLE-STRAND BREAK REPAIR BY MDC1 |
| 3 | \$119,607 | BAYLOR COLLEGE OF MEDICINE | Luke, Barbara | OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE BIOLOGY | A US-UK COLLABORATIVE STUDY OF THE HEALTH OF CHILDREN BORN FROM IN VITRO FERTILIZATION: FROM CONCEPTION THROUGH YOUNG ADULTHOOD |
| 4 | \$78,500 | NATIONAL INST OF HEALTH | Gu, Bin | OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE BIOLOGY | DEVELOPING HUMANIZED NUT CARCINOMA MOUSE MODEL FOR DEVELOPING NUTM1 TARGETED THERAPIES |
| 5 | \$15,494 | VIRGINIA TECH | Pozzo-Miller, Lucas | PEDIATRICS AND HUMAN DEVELOPMENT | TRKB.T1 SIGNALING IN ASTROCYTES |
| COLLEGE OF OSTEOPATHIC MEDICINE | | | | | |
| 6 | \$11,885 | UNIVERSITY OF COLORADO DENVER HEALTH SCIENCES | Tewari-Singh, Neera | PHARMACOLOGY AND TOXICOLOGY | MAST CELL ACTIVATION AS A COMMON MECHANISM OF PULMONARY TOXICITY BY CHEMICAL THREAT AGENTS |
| COLLEGE OF NURSING | | | | | |
| 7 | \$39,448 | UNIVERSITY OF TEXAS AT EL PASO | Buchholz, Susan | NURSING | EVIDENCE-BASED INTERVENTION TO IMPROVE WALKING ENGAGEMENT IN EL PASO, TEXAS |

Michigan State University 3 Year Annualized Average Awards



Source: MSU Sponsored Programs Award Data

3/26/2024

*Award dates based on calendar months (varies from Trustee cycle)

Top 10 Awards for the April 12, 2024 BOT Meeting

| Rank | Sponsor Type | Award Amount | Principal Investigator | Sponsor | Department | New or Modification | Award Activity Type | Project Dates | Project Title |
|------|--------------------|---------------------|------------------------|---|---|---------------------|-----------------------|--------------------------|---|
| 1 | State of Michigan | \$16,000,000 | Clare Luz | Michigan Dept of Health & Human Services | FAMILY AND COMMUNITY MEDICINE | New | Public Service | 12/01/2023 09/30/2024 | Direct Care Worker Training |
| 2 | Federal Government | \$12,000,000 | Thomas Glasmacher | US Dept of Energy | FACILITY FOR RARE ISOTOPE BEAMS | Modification | Research | 01/15/2023 01/15/2028 | Operation of the Facility for Rare Isotope Beams as Scientific User Facility |
| 3 | Federal Government | \$12,000,000 | Thomas Glasmacher | US Dept of Energy | FACILITY FOR RARE ISOTOPE BEAMS | Modification | Research | 01/15/2023 01/14/2028 | Operation of the Facility for Rare Isotope Beams as Scientific User Facility |
| 4 | Foundation | \$10,000,000 | Mona Hanna-Attisha | Charles Stewart Mott Foundation | CS MOTT DEPARTMENT OF PUBLIC HEALTH | Modification | Public Service | 05/01/2023 04/30/2026 | Rx Kids: A Prenatal and Infant Allowance in Flint, MI |
| 5 | Federal Government | \$3,751,724 | Seung Rhee | National Science Foundation | BIOCHEMISTRY MOLECULAR BIOLOGY CNS | New | Research | 10/01/2023 07/31/2027 | BII: Life without water: protecting macromolecules, cells, and organisms during desiccation and rehydration across kingdoms of life |
| 6 | Other | \$2,446,937 | Bouzid Choubane | Minnesota Dept of Transportation | CIVIL AND ENVIRONMENTAL ENGINEERING | New | Research | 02/28/2024 12/31/2028 | National Partnership to Implement Quality Preventive Maintenance Treatment Construction & Data Collection Practices |
| 7 | Other | \$1,594,804 | John Rogers | Federation Internationale de Football Assoc | PLANT SOIL AND MICROBIAL SCIENCES | New | Research | 09/01/2021 06/30/2025 | FIFA 2026 World Cup Soccer Project |
| 8 | Federal Government | \$1,319,932 | Amita Chudgar | US Agency for Intl Development | EDUCATIONAL ADMINISTRATION | New | Education/Instruction | 08/25/2023 07/19/2028 | USAID'S HIGHER SECONDARY EDUCATION ACTIVITY (HSEA) - USAID Bangladesh |
| 9 | Federal Government | \$847,954 | Zhaojian Li | National Inst of Food & Agriculture | MECHANICAL ENGINEERING | New | Research | 09/15/2023 07/14/2027 | Development of an Automated and Integrated Mobile System (AIMS) for Apple Harvest and Infield Sorting |
| 10 | Federal Government | \$815,736 | Won Min Sohn | US Fish & Wildlife Service | SCHOOL OF PLANNING DES CONSTRUCTION ANR | New | Research | 09/01/2023 12/31/2026 | Restoring Wetland and Terrestrial Habitat to Improve Green Spaces and Water Quality in Pierce Park (MI) |
| | TOTAL | \$60,777,087 | | | | | | | |

Gift, Grant and Contract Report
Board of Trustees
April 2024

| | Amount | Sponsor | Principal Investigator/ Director | Unit | Project Title |
|---|-----------|---|-------------------------------------|--|--|
| COLLEGE OF AGRICULTURE AND NAT RESOURCES | | | | | |
| 1 | \$121,424 | UNIVERSITY OF WYOMING | Carpenter, Craig | AGRICULTURAL FOOD AND RESOURCE ECONOMICS | RESPONDING TO AMERICA’S RURAL HEALTH CHALLENGE: DATA-DRIVEN SUPPORT FOR A CRITICAL ERA |
| 2 | \$14,495 | UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN | Carpenter, Craig | AGRICULTURAL FOOD AND RESOURCE ECONOMICS | USING JOURNEY-TO-WORK DATA TO IMPROVE SNAP PARTICIPATION RATES FOR NONMETROPOLITAN SOCIALLY DISADVANTAGED AND MILITARY FAMILIES |
| 3 | \$55,571 | MICHIGAN DEPT OF NATURAL RESOURCES | Lupi, Frank | AGRICULTURAL FOOD AND RESOURCE ECONOMICS | PERM: FRANK LUPI – ECONOMIC ASPECTS OF WILDLIFE MANAGEMENT |
| 4 | \$57,401 | UNIVERSITY OF MICHIGAN | Scorsone, Eric | AGRICULTURAL FOOD AND RESOURCE ECONOMICS | CITY OF DETROIT ECONOMIC AND REVENUE FORECASTING PROJECT. |
| 5 | \$72,091 | GRAND VALLEY STATE UNIV | Sears, Molly | AGRICULTURAL FOOD AND RESOURCE ECONOMICS | WATER SCARCITY IN THE SERBIAN DANUBE: AGRICULTURAL LAND USE CHANGE AND IRRIGATION |
| 6 | \$10,000 | AMER MEAT SCIENCE ASSOC | Garmyn, Andrea | ANIMAL SCIENCE DEPARTMENT ANR | JUDGING JUMP START FUNDS: MICHIGAN STATE UNIVERSITY MEAT JUDGING REVITALIZATION |
| 7 | \$50,000 | NATIONAL INST OF FOOD & AGRICULTURE | Kendrick, Tasia | ANIMAL SCIENCE DEPARTMENT ANR | A CONFERENCE PROPOSAL: ALL THINGS BOVINE LEUKEMIA VIRUS (BLV) |
| 8 | \$378,580 | SEAWITH | Kim, Jongkyoo | ANIMAL SCIENCE DEPARTMENT ANR | SEAWITH - CULTIVATED MEAT |
| 9 | \$99,970 | UNITED SOYBEAN BOARD | Lock, Adam | ANIMAL SCIENCE DEPARTMENT ANR | INCREASING THE USE AND VERSATILITY OF HIGH OLEIC ACID SOYBEANS IN DAIRY COW DIETS BY UNDERSTANDING INTERACTATIONS WITH OTHER DIETARY NUTRIENTS |
| 10 | \$129,250 | UNITED SOYBEAN BOARD | Lock, Adam | ANIMAL SCIENCE DEPARTMENT ANR | USING HIGH OLEIC ACID SOYBEANS TO IMPROVE THE YIELDS OF MILK FAT AND PROTEIN AND REDUCE BODY FAT LOSS IN EARLY AND PEAK LACTATION DAIRY COWS |
| 11 | \$145,889 | CLEMSON UNIV | Siegford, Janice | ANIMAL SCIENCE DEPARTMENT ANR | IMPACT OF LITTER TRAINING STRATEGIES ON EGG-LAYING, PILING, AND WELFARE OF LAYING HENS IN AVIARIES |
| 12 | \$194,804 | BAYER CROPSCIENCE | Vandelaar, Michael | ANIMAL SCIENCE DEPARTMENT ANR | EVALUATION OF CORN SILAGE FROM SHORT CORN HYBRIDS ON MILK PRODUCTION |

Gift, Grant and Contract Report
Board of Trustees
April 2024

| | Amount | Sponsor | Principal Investigator/ Director | Unit | Project Title |
|----|-----------|--|-------------------------------------|---|--|
| 13 | \$50,000 | NATIONAL AERONAUTICS & SPACE ADMINISTRATION | Das, Narendra | BIOSYSTEMS AND AGRICULTURAL ENGINEERING | ENHANCEMENT OF HIGH-RESOLUTION SOIL MOISTURE ALGORITHM AND PRODUCT FOR THE ARCTIC REGION USING THE MULTI-SENSOR DATA FUSION APPROACH |
| 14 | \$98,237 | MICHIGAN TREE FRUIT COMMISSION | Dong, Younsuk | BIOSYSTEMS AND AGRICULTURAL ENGINEERING | IMPROVING IRRIGATION AND FERTILIZER MANAGEMENT IN NEW AND ESTABLISHED HIGH-DENSITY APPLE ORCHARDS |
| 15 | \$638,791 | AGRICULTURAL RESEARCH SERVICE | Lu, Yuzhen | BIOSYSTEMS AND AGRICULTURAL ENGINEERING | DEVELOPMENT OF AN AUTOMATED AND INTEGRATED MOBILE SYSTEM (AIMS) FOR APPLE HARVEST AND IN-FIELD SORTING - MICHIGAN STATE UNIVERSITY 3 |
| 16 | \$33,534 | DTE ENERGY | Surbrook, Truman | BIOSYSTEMS AND AGRICULTURAL ENGINEERING | MAEC DUES 2022 |
| 17 | \$252,154 | UNIVERSITY OF CALIFORNIA DAVIS | Uyeh, Daniel | BIOSYSTEMS AND AGRICULTURAL ENGINEERING | FEED RATION FORMULATION TOOL DEVELOPMENT FOR SUSTAINABILITY AND METHANE EMISSION |
| 18 | \$16,780 | MICHIGAN DEPT OF HEALTH & HUMAN SERVICES | Gensler, Liz | DEPARTMENT OF COMMUNITY SUSTAINABILITY | SPINE MICHIGAN LOCAL FOOD COUNCIL NETWORK |
| 19 | \$27,899 | UNIVERSITY OF SOUTH ALABAMA | Gray, Steven | DEPARTMENT OF COMMUNITY SUSTAINABILITY | COLLABORATIVE MODELING THE BENEFITS, CONSEQUENCES, AND TRADE-OFFS OF MANGROVES AND SEAWALLS FOR COASTAL COMMUNITIES |
| 20 | \$193,432 | ILLINOIS PUBLIC HEALTH INSTITUTE | Matts, Colleen | DEPARTMENT OF COMMUNITY SUSTAINABILITY | SCHOOL FOOD SYSTEM TRANSFORMATION CHALLENGE SUB-GRANTS COOPERATIVE AGREEMENT |
| 21 | \$175,000 | MICHIGAN DEPT OF EDUCATION | McManus, Megan | DEPARTMENT OF COMMUNITY SUSTAINABILITY | LOCAL FOOD PURCHASE ASSISTANCE |
| 22 | \$93,000 | MICHIGAN DEPT OF EDUCATION | McManus, Megan | DEPARTMENT OF COMMUNITY SUSTAINABILITY | 10 CENTS A MEAL EVALUATION 2023-2024 |
| 23 | \$29,412 | MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT | Milbrath, Meghan | ENTOMOLOGY AGRICULTURE AND NATURAL RES | FY2024 MICHIGAN MANAGED POLLINATOR PROTECTION PLAN |
| 24 | \$100,000 | MICHIGAN CARROT COMMITTEE | Quintanilla Tornel, Marisol | ENTOMOLOGY AGRICULTURE AND NATURAL RES | DETERMINING ACTION THRESHOLDS AND MANAGEMENT STRATEGIES FOR TWO ROOT LESION NEMATODE PESTS OF MICHIGAN CARROT PRODUCTION |

Gift, Grant and Contract Report
Board of Trustees
April 2024

| | Amount | Sponsor | Principal Investigator/ Director | Unit | Project Title |
|----|-----------|---|-------------------------------------|--|---|
| 25 | \$250,000 | NORTH CENTRAL SUSTAINABLE AGRICULTURE RESEARCH | Szendrei, Zsofia | ENTOMOLOGY AGRICULTURE AND NATURAL RES | ENHANCING SUSTAINABLE POLLINATION ON URBAN FARMS USING NATIVE PLANT CONSERVATION STRIPS AND OUTREACH |
| 26 | \$250,000 | MICHIGAN DEPT OF NATURAL RESOURCES | Belant, Jerrold | FISHERIES AND WILDLIFE | QUANTIFYING INDIVIDUAL AND POPULATION-LEVEL RESPONSES OF BLACK BEARS TO BAITING IN MICHIGAN |
| 27 | \$31,263 | GREAT LAKES FISHERY COMMISSION | Bence, James | FISHERIES AND WILDLIFE | ASSESSING INDIVIDUAL VARIABILITY IN GROWTH RATES FOR GREAT LAKES FISH POPULATIONS |
| 28 | \$51,781 | GREAT LAKES FISHERY COMMISSION | Brenden, Travis | FISHERIES AND WILDLIFE | EVALUATING THE EFFECTS OF INCREASED PREDATOR AND COMPETITOR ABUNDANCES ON SLIMY SCULPIN POPULATIONS IN THE GREAT LAKES. |
| 29 | \$171,462 | MICHIGAN DEPT OF NATURAL RESOURCES | Brenden, Travis | FISHERIES AND WILDLIFE | USING POPULATION AND COMMUNITY DYNAMIC MODELS AND QUANTITATIVE FISHERIES ANALYSIS TO PROMOTE IMPROVED FISHERIES MANAGEMENT IN THE GREAT LAKES |
| 30 | \$277,128 | ASSOC OF FISH & WILDLIFE AGENCIES | Christensen, Sonja | FISHERIES AND WILDLIFE | FISH AND WILDLIFE HEALTH COORDINATION AND STRATEGIC PLANNING |
| 31 | \$86,258 | MICHIGAN DEPT OF NATURAL RESOURCES | Hayes, Daniel | FISHERIES AND WILDLIFE | POPULATION DYNAMICS AND ASSESSMENT IN MICHIGAN INLAND LAKES AND STREAMS. DR. HAYES PERM SALARY FOR FY 2020. |
| 32 | \$57,000 | UNIVERSITY OF WYOMING | Infante, Dana | FISHERIES AND WILDLIFE | LINKING ENVIRONMENTAL DRIVERS AND FISH COMMUNITY DYNAMICS ACROSS THE GREAT LAKES |
| 33 | \$46,574 | MICHIGAN DEPT OF NATURAL RESOURCES | Infante, Dana | FISHERIES AND WILDLIFE | INVESTIGATION OF WATERSHED INFLUENCES, RIPARIAN CONDITION, AND INSTREAM HABITAT DYNAMICS ON STREAM FISH COMMUNITIES: DR. INFANTE PERM AGREEMENT FY 2019 |
| 34 | \$170,140 | UNIVERSITY OF MINNESOTA | Infante, Dana | FISHERIES AND WILDLIFE | A PROPOSAL TO HOST THE DEPARTMENT OF INTERIOR'S (USGS) MIDWEST CLIMATE ADAPTATION SCIENCE CENTER |
| 35 | \$70,588 | MICHIGAN DEPT OF NATURAL RESOURCES | Kramer, Daniel | FISHERIES AND WILDLIFE | PERM - DAN KRAMER - SOCIAL, ECONOMIC, AND POLICY ASPECTS OF WILDERNESS MANAGEMENT |
| 36 | \$41,125 | MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY | Latimore, Jo | FISHERIES AND WILDLIFE | CONTINUATION OF MICHIGAN'S CLEAN BOATS, CLEAN WATERS MINI-GRANT PROGRAM FOR 2024 |
| 37 | \$29,999 | MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY | Latimore, Jo | FISHERIES AND WILDLIFE | EXOTIC AQUATIC PLANT WATCH (EAPW) III: AQUATIC INVASIVE SPECIES EDUCATION |
| 38 | \$348,000 | MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY | Latimore, Jo | FISHERIES AND WILDLIFE | MICHIGAN CLEAN WATER CORPS (MICORPS) PROGRAM ADMINISTRATION |

Gift, Grant and Contract Report
Board of Trustees
April 2024

| | Amount | Sponsor | Principal Investigator/ Director | Unit | Project Title |
|----|-----------|---|-------------------------------------|------------------------------------|---|
| 39 | \$198,371 | MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY | Latimore, Jo | FISHERIES AND WILDLIFE | UNDERSTANDING IMPACTS AND ENHANCING EARLY DETECTION OF AQUATIC INVASIVE PLANTS |
| 40 | \$94,126 | GREAT LAKES FISHERY COMMISSION | Loch, Thomas | FISHERIES AND WILDLIFE | IMPROVING WILD AND HATCHERY-REARED LAKE TROUT HEALTH VIA DEVELOPMENT OF NOVEL EPIZOOTIC EPITHELIOTROPIC DISEASE PREVENTION METHODS |
| 41 | \$9,616 | MISSISSIPPI STATE UNIV | Loch, Thomas | FISHERIES AND WILDLIFE | IDENTIFICATION OF NOVEL FLAVOBACTERIUM COLUMNARE VACCINE CANDIDATES FOR CATFISH AND OTHER AQUACULTURE FISH SPECIES IN THE SOUTHERN REGION |
| 42 | \$35,250 | MACKINAC STRAITS RAPTOR WATCH | Owen, Jennifer | FISHERIES AND WILDLIFE | RED-TAILED HAWK MIGRATION IN THE STRAITS OF MACKINAC |
| 43 | \$22,057 | MICHIGAN DEPT OF NATURAL RESOURCES | Roloff, Gary | FISHERIES AND WILDLIFE | WILDLIFE RESPONSES TO INNOVATIVE SILVICULTURAL APPROACHES IN NORTHERN HARDWOOD FORESTS OF MICHIGAN |
| 44 | \$171,029 | MICHIGAN DEPT OF NATURAL RESOURCES | Roloff, Gary | FISHERIES AND WILDLIFE | DEVELOPMENT AND IMPLEMENTATION OF CONSERVATION GENETIC INITIATIVES FOR MICHIGAN INLAND AND GREAT LAKES FISHERIES AND AQUATIC WILDLIFE SPECIES |
| 45 | \$72,614 | MICHIGAN DEPT OF NATURAL RESOURCES | Roth, Brian | FISHERIES AND WILDLIFE | PERM FY24: BRIAN ROTH |
| 46 | \$31,000 | UNIVERSITY OF MICHIGAN | Taylor, William | FISHERIES AND WILDLIFE | MICHIGAN SEA GRANT OMNIBUS FY 2022-2023 |
| 47 | \$367,825 | GREAT LAKES FISHERY COMMISSION | Vandergoot, Christopher | FISHERIES AND WILDLIFE | PERM SALARY: THOMAS BINDER, TODD HAYDEN & NANCY NATE |
| 48 | \$50,000 | MICHIGAN SEA GRANT COLLEGE PROGRAM | Vandergoot, Christopher | FISHERIES AND WILDLIFE | SOURCES OF WALLEYE RECRUITMENT AND NATURAL REPRODUCTION IN SAGINAW BAY |
| 49 | \$39,268 | EN SOLUCION INC | Bergholz, Teresa | FOOD SCIENCE AND HUM NUTRITION ANR | INNOVATIVE CONTINUOUS SANITIZATION OF FRESH PRODUCE HARVESTING EQUIPMENT |
| 50 | \$37,601 | NATIONAL INST OF ENVIRONMENTAL HEALTH SCIENCES | Carignan, Courtney | FOOD SCIENCE AND HUM NUTRITION ANR | 4TH NATIONAL CONFERENCE ON PER- AND POLYFLUOROALKYL SUBSTANCES – ENVIRONMENTAL JUSTICE AND SCIENTIFIC DISCOVERY |
| 51 | \$680,173 | NATIONAL INST OF HEALTH | Comstock, Sarah | FOOD SCIENCE AND HUM NUTRITION ANR | A PRE-, PERI-, AND POST-NATAL APPROACH TO UNDERSTANDING THE RISK AND MECHANISMS FOR OBESITY |
| 52 | \$33,979 | AGRICULTURAL RESEARCH SERVICE | Mayhew, Emily | FOOD SCIENCE AND HUM NUTRITION ANR | OFF-FLAVORS IN PULSE FLOURS |

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|----|---------------|--|---|------------------------------------|---|
| 53 | \$30,000 | LUPUS RESEARCH INST | Pestka, James | FOOD SCIENCE AND HUM NUTRITION ANR | OMEGA-3 FATTY ACIDS AS STEROID-SPARING ADJUNCTS FOR LUPUS TREATMENT |
| 54 | \$16,200 | UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL | Weatherspoon, Lorraine | FOOD SCIENCE AND HUM NUTRITION ANR | UJMT FGHF LAUNCHING FUTURE LEADERS IN GLOBAL HEALTH (LAUNCH) RESEARCH TRAINING PROGRAM |
| 55 | \$247,500 | NATIONAL INST OF FOOD & AGRICULTURE | Kunkle, Justin | FORESTRY | EXPANDING AND SUSTAINING PATHWAYS TO CAREERS IN FORESTRY: TRAINING THE NEXT GENERATION OF MULTICULTURAL FORESTRY PROFESSIONALS |
| 56 | \$299,928 | USDA FOREST SERVICE | Lupien, Sandra | FORESTRY | STRATEGIC OUTREACH, ENGAGEMENT, AND TECHNICAL ASSISTANCE: EXPANDING AND DIVERSIFYING THE MICHIGAN MASS TIMBER ECOSYSTEM TO INCREASE DEMAND AND SUPPORT PRODUCTION |
| 57 | \$70,000 | USDA FOREST SERVICE | Pokharel, Raju | FORESTRY | AVOIDED CARBON EMISSIONS BENEFITS FROM THE HISTORICAL USE OF WOOD BIOMASS FOR ENERGY AND WOOD PRODUCTS USE IN HOUSING |
| 58 | \$100,000 | NATIONAL AERONAUTICS & SPACE ADMINISTRATION | Skole, David | FORESTRY | HOTSPOT DETECTION FOR MONITORING NEW TRENDS IN CARBON SEQUESTRATION IN SYSTEMS OF TREES OUTSIDE OF FORESTS (TOF) |
| 59 | \$400,001 | NATIONAL AERONAUTICS & SPACE ADMINISTRATION | Skole, David | FORESTRY | SOUTH ASIAN SMALLHOLDER FORESTS AND OTHER TREE-BASED SYSTEMS: SYNTHESIZING LCLUC DATA AND APPROACHES TO FOSTER A NATURAL CLIMATE SOLUTION THAT IMPROVES LIVELIHOODS |
| 60 | \$247,265 | NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA | Einhorn, Todd | HORTICULTURE ANR | A SUSTAINABLE, NON-CHEMICAL THINNING METHOD FOR US MIDWESTERN APPLE PRODUCERS: NOVEL USE OF ANTI-HAIL, INSECT-EXCLUSION NETTING |
| 61 | \$100,000 | MICHIGAN ASPARAGUS ADVISORY BOARD | Hayden, Zachary | HORTICULTURE ANR | DECISION SUPPORT TO IMPROVE ASPARAGUS YIELD, QUALITY, AND INDUSTRY COMPETITIVENESS UNDER WEATHER EXTREMES |
| 62 | \$10,000 | WESTRATE GREENHOUSES INC | Runkle, Erik | HORTICULTURE ANR | UNRESTRICTED GIFT IN SUPPORT OF FLORICULTURE RESEARCH |
| 63 | \$30,000 | NORTH CENTRAL INTEGRATED PEST MANAGEMENT | Saha, Debalina | HORTICULTURE ANR | NORTH CENTRAL INTEGRATED PEST MANAGEMENT (NCIPMC): A REGIONAL APPROACH TO PEST MANAGEMENT IMPLEMENTATION |
| 64 | \$100,000 | MICHIGAN HORTICULTURE SOCIETY | Vanderweide, Josh | HORTICULTURE ANR | USE OF BIOSTIMULANTS TO IMPROVE FRESH MARKET BLUEBERRY QUALITY AND VALUE |
| 65 | \$50,000 | MICHIGAN SOYBEAN COMMITTEE | Almenar Rosaleny, Eva | PACKAGING | UPCYCLING OF SOYBEAN WASTE INTO PACKAGING |
| 66 | \$153,911 | EXXONMOBIL CHEMICAL CO | Auras, Rafael | PACKAGING | LIFE CYCLE ASSESSMENT: CRAFTING A METHODOLOGY FOR DETERMINING THE PRODUCT PACKAGE ENVIRONMENTAL FOOTPRINT (2PEF) |

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| 67 | \$68,277 | MICHIGAN BEAN COMMISSION | Bales, Scott | PLANT SOIL AND MICROBIAL SCIENCES | 2022 SPECIALTY CROP BLOCK GRANT |
| 68 | \$25,000 | MICHIGAN BEAN COMMISSION | Bales, Scott | PLANT SOIL AND MICROBIAL SCIENCES | 2022 SPECIALTY CROP BLOCK GRANT |
| 69 | \$15,135 | CORN MARKETING PROGRAM OF MICHIGAN | Burns, Erin | PLANT SOIL AND MICROBIAL SCIENCES | EVALUATING PROPOSED ATRAZINE “PICKLIST” FOR FEASIBILITY IN MICHIGAN AND INVESTING WEED CONTROL IN SHORT-STATURED CORN |
| 70 | \$48,266 | NORTH DAKOTA STATE UNIV | Chilvers, Martin | PLANT SOIL AND MICROBIAL SCIENCES | SEEDLING PATHOGENS IN SOYBEAN: DISEASE MANAGEMENT AND FARMER EDUCATION – YR2 |
| 71 | \$55,000 | CORN MARKETING PROGRAM OF MICHIGAN | Chilvers, Martin | PLANT SOIL AND MICROBIAL SCIENCES | ENHANCING RISK PREDICTION THROUGH SPORE TRAPPING, AND EVALUATING FUNGICIDES FOR MYCOTOXIN MANAGEMENT |
| 72 | \$76,000 | IOWA STATE UNIV | Chilvers, Martin | PLANT SOIL AND MICROBIAL SCIENCES | BIOLOGY AND MANAGEMENT OF SOYBEAN STEM DISEASES – YR 2 |
| 73 | \$90,124 | GINSENG BOARD OF WISCONSIN | Hausbeck, Mary | PLANT SOIL AND MICROBIAL SCIENCES | PREVENTING PREMATURE DEFOLIATION IN WISCONSIN GINSENG TO PRESERVE YIELDS |
| 74 | \$98,084 | MICHIGAN VEGETABLE COUNCIL | Hausbeck, Mary | PLANT SOIL AND MICROBIAL SCIENCES | CAN NEW CULTIVARS BE THE ANSWER TO RHIZOMANIA, THE NEW TABLE BEET DISEASE? |
| 75 | \$97,451 | CELERY RESEARCH INC | Hausbeck, Mary | PLANT SOIL AND MICROBIAL SCIENCES | A NEW LEAF DISEASE AND A SEEDLING ROOT ROT REQUIRE SOLUTIONS FOR CELERY GROWERS |
| 76 | \$7,485 | UNIVERSITY OF MANITOBA | Hooper, Sharon | PLANT SOIL AND MICROBIAL SCIENCES | UNIVERSITY OF MANITOBA |
| 77 | \$10,560 | AGRICULTURAL RESEARCH SERVICE | Horgan, Brian | PLANT SOIL AND MICROBIAL SCIENCES | ACQUISITION OF GOODS AND SERVICES |
| 78 | \$1,594,804 | UNIVERSITY OF TENNESSEE KNOXVILLE | Rogers, John | PLANT SOIL AND MICROBIAL SCIENCES | FIFA 2026 WORLD CUP SOCCER PROJECT |

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| 79 | \$29,880 | LOUISIANA STATE UNIV | Rojas, J. Alejandro | PLANT SOIL AND MICROBIAL SCIENCES | DEVELOP AND DELIVER BEST MANAGEMENT PRACTICES AND SOYBEAN CULTIVARS TO MINIMIZE YIELD AND QUALITY LOSSES FROM CERCOSPORA LEAF BLIGHT |
| 80 | \$13,272 | UNIVERSITY OF CALIFORNIA DAVIS | Rojas, J. Alejandro | PLANT SOIL AND MICROBIAL SCIENCES | DEVELOPING BEST MANAGEMENT PRACTICES FOR DISEASES IN NEWLY EMERGING VEGETABLE TRANSPLANT PRODUCTION SYSTEMS IN CALIFORNIA |
| 81 | \$19,718 | CORN MARKETING PROGRAM OF MICHIGAN | Singh, Maninderpal | PLANT SOIL AND MICROBIAL SCIENCES | OPTIMIZING CORN VARIETY SELECTION AND AGRONOMIC MANAGEMENT FOR SPECIALTY USES |
| 82 | \$29,764 | CORN MARKETING PROGRAM OF MICHIGAN | Singh, Maninderpal | PLANT SOIL AND MICROBIAL SCIENCES | SHORT STATURE CORN: OPTIMIZING ROW SPACING & SEEDING RATE FOR MICHIGAN GROWERS |
| 83 | \$36,500 | MICHIGAN CROP IMPROVEMENT ASSOC | Singh, Maninderpal | PLANT SOIL AND MICROBIAL SCIENCES | EVALUATING IMPACTS OF PLANTING DATE AND SEEDING RATE ON WHITETAIL SOFT WHITE WINTER WHEAT |
| 84 | \$40,000 | UNIVERSITY OF WISCONSIN MADISON | Singh, Maninderpal | PLANT SOIL AND MICROBIAL SCIENCES | USING DATA-DRIVEN KNOWLEDGE FOR PROFITABLE SOYBEAN MANAGEMENT SYSTEMS |
| 85 | \$404,220 | VIRGINIA TECH | Sundin, George | PLANT SOIL AND MICROBIAL SCIENCES | AN ALL-STAGE FIRE BLIGHT CONTROL: REMOTE SENSING, DNA, ENZYME, AND PLANT ACTIVATOR TECHNOLOGIES FOR CANKERS, BLOSSOM BLIGHT AND SHOOT BLIGHT |
| 86 | \$104,999 | KOPESS AG TECH, LLC | Thompson, Addie | PLANT SOIL AND MICROBIAL SCIENCES | XERICO DROUGHT TOLERANCE TECHNOLOGY |
| 87 | \$28,264 | CORN MARKETING PROGRAM OF MICHIGAN | Thompson, Addie | PLANT SOIL AND MICROBIAL SCIENCES | CROP MODELING IN MICHIGAN GENOMES TO FIELDS: AN ONGOING COLLABORATION WITH NCGA |
| 88 | \$197,809 | WASHINGTON STATE UNIV | Tiemann, Lisa | PLANT SOIL AND MICROBIAL SCIENCES | FUNCTIONAL BIODIVERSITY OF SOIL NITROGEN-FIXING MICROBIAL COMMUNITIES ACROSS DIVERS CROPPING SYSTEMS |
| 89 | \$62,400 | OHIO STATE UNIV | Wang, Dechun | PLANT SOIL AND MICROBIAL SCIENCES | DEVELOPING THE PERFECT MOLECULAR MARKERS AND NEW GERMLASM FOR RAPID INCORPORATION OF RESISTANCE TO SOIL BORNE PATHOGENS IN SOYBEAN - YEAR 5 |
| 90 | \$60,000 | PURDUE UNIV | Wang, Dechun | PLANT SOIL AND MICROBIAL SCIENCES | SOYRENSEQ: A NOVEL APPROACH FOR DISEASE RESISTANCE GENE DISCOVERY AND APPLICATION FOR SOYBEAN IMPROVEMENT |

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|---|-----------|-------------------------------------|-------------------------------------|---|--|
| 91 | \$15,715 | ASSET FUNDERS NETWORK | Durst, Noah | SCHOOL OF PLANNING DES CONSTRUCTION ANR | NORTH TEXAS HOUSING STABILITY PROJECT: HEIRS' PROPERTY HOMEOWNERS AND ACCESS TO HOMESTEAD EXEMPTIONS |
| 92 | \$815,736 | NATIONAL FISH & WILDLIFE FOUNDATION | Sohn, Won Min | SCHOOL OF PLANNING DES CONSTRUCTION ANR | RESTORING WETLAND AND TERRESTRIAL HABITAT TO IMPROVE GREEN SPACES AND WATER QUALITY IN PIERCE PARK (MI) |
| COLLEGE OF ARTS AND LETTERS | | | | | |
| 93 | \$145,919 | NATIONAL SCIENCE FOUNDATION | McLeskey, Chet | AL RESEARCH AND SCHOLARSHIP | TEAM SCIENCE SUPPORT FOR THE NSF GCR PROGRAM |
| 94 | \$249,383 | INST OF INTL EDUCATION | Albee, Mark | ENGLISH LANGUAGE CENTER | ENGLISH LANGUAGE CERTIFICATE PROGRAM FOR BRAZILIAN HIGH SCHOOL TEACHERS |
| ELI BROAD COLLEGE OF BUSINESS | | | | | |
| 95 | \$41,000 | MICHIGAN PUBLIC HEALTH INST | Narayanan, Sriram | DEPARTMENT OF SUPPLY CHAIN MANAGEMENT | EXPLORING THE SCHOOL FOOD SYSTEM LANDSCAPE IN MICHIGAN TO IMPROVE MEAL QUALITY |
| 96 | \$177,415 | MICHIGAN ECONOMIC DEVELOPMENT CORP | Kirca, Ahmet | INTERNATIONAL BUSINESS CENTER | MEDC INTERNATIONAL TRADE SERVICES 2022-2027 5 YR PROPOSAL WITH ANNUAL EXTENSIONS YEAR 2/5 |
| 97 | \$36,700 | STATLER FOUNDATION | Kim, Mi Ran | THE SCHOOL OF HOSPITALITY BUSINESS | GREENING HOSPITALITY: HOW HOTELS' INDOOR NATURAL LANDSCAPES AFFECT GUESTS' EXPERIENCES AND BRAND EQUITY |
| COLLEGE OF COMMUNICATION ARTS SCIENCES | | | | | |
| 98 | \$75,000 | ANHEUSER BUSCH FOUNDATION | Martell, Dennis | COMMUNICATION | NATIONAL SOCIAL NORMS CENTER |
| 99 | \$106,967 | UNIVERSITY OF DELAWARE | Deliyski, Dimitar | COMMUNICATIVE SCIENCES DISORDERS CAS | COGNITIVE AND BIOLOGICAL MECHANISMS IN PEDIATRIC VOICE THERAPY |
| 100 | \$64,911 | PEW CHARITABLE TRUSTS | Hampton, Keith | MEDIA AND INFORMATION | ASSESSING THE EFFECTS OF THE INFRASTRUCTURE INVESTMENT AND JOBS ACT ON HIGH-SPEED INTERNET ACCESS, DIGITAL EQUITY, AND COMMUNITY DEVELOPMENT |
| 101 | \$36,202 | COMPUTING RESEARCH ASSOC | Hardy, Jean | MEDIA AND INFORMATION | 2021 CI FELLOWS SUBAWARD AGREEMENT FOR ANNE JONAS |
| 102 | \$30,000 | CORNELL UNIV | Lee, Hee Rin | MEDIA AND INFORMATION | GOOGLE GIFT 2023: AWARD INCLUSION FOR RESEARCH - ANGELIQUE TAYLOR & HEERIN LEE |
| COLLEGE OF EDUCATION | | | | | |

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|-------------------------------|-------------|--|-------------------------------------|--|--|
| 103 | \$16,334 | THE EDUCATION TRUST | Gardner, Jacqueline | CED OUTREACH | EDUCATOR RETENTION AND DIVERSITY: ENSURING ACCESS TO QUALITY AND DIVERSE EDUCATORS IN MICHIGAN'S SCHOOLS |
| 104 | \$36,575 | MICHIGAN DEPT OF HEALTH & HUMAN SERVICES | Carlson, John | COUNSELING, EDUC PSYCH SPEC EDUC | INFANT AND EARLY CHILDHOOD MENTAL HEALTH DATABASE |
| 105 | \$165,129 | VANDERBILT UNIV | Truckenmiller, Adrea | COUNSELING, EDUC PSYCH SPEC EDUC | NATIONAL CENTER FOR LEADERSHIP IN INTENSIVE INTERVENTION (NCLII) |
| 106 | \$177,971 | CITY UNIV OF NEW YORK | Yadav, Aman | COUNSELING, EDUC PSYCH SPEC EDUC | COMPUTING INTEGRATED TEACHER EDUCATION (CITE) |
| 107 | \$238,536 | UNIVERSITY OF CONNECTICUT | Kilbride, Tara | EDUCATION POLICY CENTER | NATIONAL RESEARCH AND DEVELOPMENT CENTER ON IMPROVING ACCESS, INSTRUCTION, AND OUTCOMES IN GIFTED EDUCATION |
| 108 | \$1,319,932 | CHEMONICS INTL INC | Chudgar, Amita | EDUCATIONAL ADMINISTRATION | USAID'S HIGHER SECONDARY EDUCATION ACTIVITY (HSEA) - USAID BANGLADESH |
| 109 | \$194,541 | GIVAUDAN | Ferguson, David | KINESIOLOGY ED | THE INFLUENCE OF CEREBOOST ON RACE CAR DRIVER PHYSIOLOGY |
| 110 | \$24,992 | CHRISTOPHER & DANA REEVE FOUNDATION | Hauck, Janet | KINESIOLOGY ED | INCREASING QUALITY OF LIFE THROUGH WHEELCHAIR SPORTS PROGRAMMING FOR INDIVIDUALS WITH PARALYSIS |
| 111 | \$68,276 | HARVARD UNIV | Al-Adeimi, Shireen | TEACHER EDUCATION | PRACTICAL TOOLS FOR LARGE-SCALE EVALUATION OF TEXT DATA IN RANDOMIZED TRIALS IN EDUCATION |
| 112 | \$40,975 | WILLIAM T GRANT FOUNDATION | Carter Andrews, Dorinda | TEACHER EDUCATION | SPECIAL INTEREST GROUP FOR GRANTEES CONDUCTING RESEARCH ON RACE AND RACISM IN SCHOOLS |
| 113 | \$10,701 | MICHIGAN ASSOC OF SCHOOL ADMINISTRATORS | Parks, Amy | TEACHER EDUCATION | SUPPORTING PREK TEACHERS IN ENACTING MICHIGAN'S EARLY MATH ESSENTIALS |
| COLLEGE OF ENGINEERING | | | | | |
| 114 | \$400,000 | OAK RIDGE NATIONAL LABORATORY | Boeman, Raymond | CHEMICAL ENGINEERING AND MATERIALS SCI | SURF: HIGH-VOLUME, AFFORDABLE AUTOMOTIVE COMPONENTS UTILIZING SUSTAINABLE COMPOSITE MATERIALS |
| 115 | \$191,716 | MASSACHUSETTS GENERAL HOSPITAL | Gilad, Assaf | CHEMICAL ENGINEERING AND MATERIALS SCI | ARTIFICIAL INTELLIGENCE BOOSTED EVOLUTION AND DETECTION OF GENETICALLY ENCODED REPORTERS FOR IN VIVO IMAGING |
| 116 | \$31,552 | NATIONAL INST OF HEALTH | Szczepanski, Caroline | CHEMICAL ENGINEERING AND MATERIALS SCI | REINFORCING DENTAL ADHESIVES WITH MONOMERS CAPABLE DYNAMIC REARRANGEMENT AND SELF-RECOVERY |
| 117 | \$70,310 | NATIONAL SCIENCE FOUNDATION | Szczepanski, Caroline | CHEMICAL ENGINEERING AND MATERIALS SCI | AGEP-GRS: COLLABORATIVE RESEARCH: GEL RUPTURE UNDER SIMPLE AND DYNAMIC LOADING: MANIPULATION OF FAILURE MODE VIA PATTERNED HETEROGENEITY IN SOFT MATERIALS |

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| 118 | \$85,000 | US DEPT OF THE ARMY | Cetin, Bora | CIVIL AND ENVIRONMENTAL ENGINEERING | DETERMINING THE ANISOTROPIC STIFFNESS CHARACTERISTICS OF UNBOUND MATERIALS |
| 119 | \$42,561 | NATIONAL SCIENCE FOUNDATION | Cetin, Kristen | CIVIL AND ENVIRONMENTAL ENGINEERING | CAREER: CAS- CLIMATE: IMPROVING THE PARTICIPATION OF DIVERSE RESIDENTIAL BUILDINGS IN DEMAND SIDE MANAGEMENT |
| 120 | \$35,000 | MIDWEST ENERGY EFFICIENCY ALLIANCE | Cetin, Kristen | CIVIL AND ENVIRONMENTAL ENGINEERING | TOPIC 2: REGIONAL INITIATIVE TO INTEGRATE SMART MANUFACTURING AND ENERGY MANAGEMENT SYSTEMS |
| 121 | \$114,118 | US DEPT OF ENERGY | Cetin, Kristen | CIVIL AND ENVIRONMENTAL ENGINEERING | INDUSTRIAL ASSESSMENT CENTER AT MICHIGAN STATE UNIVERSITY |
| 122 | \$2,446,937 | MINNESOTA DEPT OF TRANSPORTATION | Choubane, Bouzid | CIVIL AND ENVIRONMENTAL ENGINEERING | NATIONAL PARTNERSHIP TO IMPLEMENT QUALITY PREVENTIVE MAINTENANCE TREATMENT CONSTRUCTION & DATA COLLECTION PRACTICES |
| 123 | \$11,979 | UNIVERSITY OF MICHIGAN | Lin, Kaisen | CIVIL AND ENVIRONMENTAL ENGINEERING | DEGRADATION OF MICROCYSTIN IN HARMFUL ALGAL BLOOM AEROSOLS DURING ATMOSPHERIC TRANSPORT |
| 124 | \$63,137 | US DEPT OF TRANSPORTATION | Savolainen, Peter | CIVIL AND ENVIRONMENTAL ENGINEERING | 2023 WORK ZONE SAFETY GRANT |
| 125 | \$130,000 | STANFORD UNIV | LaRose, Ryan | COMPUTATIONAL MATH SCI AND ENGR EGR | LEVERAGING NEAR-TERM QUANTUM COMPUTERS AND MACHINE LEARNING FOR THE SIMULATION OF BIOMOLECULAR PROCESSES |
| 126 | \$20,000 | OFFICE OF NAVAL RESEARCH | Jain, Anil | COMPUTER SCIENCE AND ENGINEERING | PRIVACY-PRESERVING AND ROBUST FEDERATED LEARNING |
| 127 | \$66,713 | US ARMY RESEARCH OFFICE | Liu, Sijia | COMPUTER SCIENCE AND ENGINEERING | LIFELONG MULTIMODAL FUSION BY CROSS LAYER DISTRIBUTED OPTIMIZATION |
| 128 | \$60,000 | ROBERT BOSCH LLC RESEARCH & TECHNOLOGY CENTER | Liu, Xiaoming | COMPUTER SCIENCE AND ENGINEERING | COMPUTER VISION RESEARCH |
| 129 | \$23,421 | PENNSYLVANIA STATE UNIV | Tang, Jiliang | COMPUTER SCIENCE AND ENGINEERING | TOWARD INTERPRETABLE AND STABLE GRAPH NEURAL NETWORKS |

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| 130 | \$20,000 | NATIONAL SCIENCE FOUNDATION | Zeng, Huacheng | COMPUTER SCIENCE AND ENGINEERING | CONFERENCE: NSF STUDENT TRAVEL GRANT FOR 2024 IEEE INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATIONS (INFOCOM) |
| 131 | \$150,000 | STATE UNIV OF NEW YORK UNIV AT BUFFALO | Albrecht, John | ELECTRICAL AND COMPUTER ENGINEERING | TESTING AND EVALUATION ENABLED DISCOVERY OF MULTIFUNCTIONAL 2D MATERIALS FOR SPACE TECHNOLOGY |
| 132 | \$90,000 | FRAUNHOFER USA | Baryshev, Sergey | ELECTRICAL AND COMPUTER ENGINEERING | 2 INCH SCD WAFERS ENABLED THROUGH INFORMED ELO |
| 133 | \$55,000 | NATIONAL SCIENCE FOUNDATION | Ben-Idris, Mohammed | ELECTRICAL AND COMPUTER ENGINEERING | AMENDMENT 8 SUPPLEMENT - CAREER: RELIABILITY AND RESILIENCE ASSURANCE OF CYBER-PHYSICAL ENERGY SYSTEMS |
| 134 | \$19,840 | UNIVERSITY OF NEVADA RENO | Ben-Idris, Mohammed | ELECTRICAL AND COMPUTER ENGINEERING | NSF INTERN FOR HADIS HOSSEINPOUR |
| 135 | \$20,000 | UNIVERSITY OF NEVADA RENO | Ben-Idris, Mohammed | ELECTRICAL AND COMPUTER ENGINEERING | OPTIMIZATION OF EXCESS SOLAR AND STORAGE CAPACITY FOR GRID SERVICES (2ND PROJECT PERIOD) |
| 136 | \$55,000 | NATIONAL SCIENCE FOUNDATION | Ben-Idris, Mohammed | ELECTRICAL AND COMPUTER ENGINEERING | AMENDMENT 9 SUPPLEMENT - CAREER: RELIABILITY AND RESILIENCE ASSURANCE OF CYBER-PHYSICAL ENERGY SYSTEMS |
| 137 | \$55,000 | NATIONAL SCIENCE FOUNDATION | Chakrapani, Sunil Kishore | ELECTRICAL AND COMPUTER ENGINEERING | SUPPLEMENTAL FUNDING FOR COLLABORATIVE RESEARCH: UNDERSTANDING ACOUSTOPLASTICITY THROUGH MULTISCALE COMPUTATIONAL AND IN-SITU, TIME-RESOLVED EXPERIMENTAL APPROACH |
| 138 | \$87,500 | GREAT LAKES CRYSTAL TECHNOLOGIES INC | Hogan, Tim | ELECTRICAL AND COMPUTER ENGINEERING | LARGE AREA DIAMOND WAFERS BY THE MOSAIC TECHNIQUE |
| 139 | \$100,000 | OFFICE OF NAVAL RESEARCH | Kiumarsi, Bahare | ELECTRICAL AND COMPUTER ENGINEERING | TOWARDS HIGH-CONFIDENCE REINFORCEMENT LEARNING ALGORITHMS FOR SAFETY-CRITICAL SYSTEMS VIA DUAL PROCESS THEORY OF REASONING |
| 140 | \$427,744 | NATIONAL SCIENCE FOUNDATION | Lee, Woongkul | ELECTRICAL AND COMPUTER ENGINEERING | CAREER: MAGNETICALLY INTEGRATED ELECTRIC DRIVE WITH RARE-EARTH-FREE MOTORS |
| 141 | \$22,212 | FRAUNHOFER USA | Li, Wen | ELECTRICAL AND COMPUTER ENGINEERING | FRAUNHOFER CENTER RENEWAL |

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| 142 | \$215,000 | PROCTER & GAMBLE CO | Nanzer, Jeffrey | ELECTRICAL AND COMPUTER ENGINEERING | TOWARDS A SYSTEM-ON-CHIP IMPLEMENTATION OF WIRELESS DEVICE IDENTIFICATION BASED ON NONLINEAR RADIO FREQUENCY TAGS AND MACHINE LEARNING CLASSIFICATION |
| 143 | \$400,000 | HONEYWELL CORP | Papapolymerou, Ioannis | ELECTRICAL AND COMPUTER ENGINEERING | MSU RADAR CONSORTIUM 2024 |
| 144 | \$500,000 | MICHIGAN ECONOMIC DEVELOPMENT CORP | Sepulveda Alancastro, Nelson | ELECTRICAL AND COMPUTER ENGINEERING | SEMICONDUCTOR SCHOLARS PROGRAM AT MSU |
| 145 | \$50,000 | NATIONAL SCIENCE FOUNDATION | Tan, Xiaobo | ELECTRICAL AND COMPUTER ENGINEERING | I-CORPS: AUTONOMOUS AQUABOTS FOR WATER MAIN INSPECTIONS |
| 146 | \$13,185 | UNIVERSITY OF MISSOURI | Kim, Taeho | INSTITUTE FOR QUANTITATIVE HEALTH | EPIGENETIC REGULATION OF RECEPTIVE ENDOMETRIUM |
| 147 | \$15,000 | HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Li, Jinxing | INSTITUTE FOR QUANTITATIVE HEALTH | IMAGING-GUIDED UNTETHERED MICROROBOT FOR BRAIN CANCER THERAPY |
| 148 | \$511,167 | NATIONAL INST OF HEALTH | Li, Wen | INSTITUTE FOR QUANTITATIVE HEALTH | MICROFABRICATED ALL-DIAMOND MICROELECTRODE ARRAYS FOR NEUROTRANSMITTER SENSING AND EXTRACELLULAR RECORDING |
| 149 | \$15,000 | HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Smith, Bryan | INSTITUTE FOR QUANTITATIVE HEALTH | DEVELOPMENT OF HIGH DIMENSIONAL DYNAMIC HISTOLOGY (HDDH): A TECHNIQUE TO ANALYZE SPATIOTEMPORAL IMMUNOSUPPRESSIVE INTERACTIONS IN PANCREATIC CANCER |
| 150 | \$15,500 | HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Smith, Bryan | INSTITUTE FOR QUANTITATIVE HEALTH | SELF-LIMITING ENZYMATICALLY-CLEAVABLE NANOSYSTEM WITH QUANTITATIVE DRUG RELEASE MONITORING FOR IMPROVED BRAIN CANCER THERAPY |
| 151 | \$98,616 | LOS ALAMOS NATL LABORATORY | Jaberi, Farhad | MECHANICAL ENGINEERING | INTERACTIONS OF HIGH-SPEED VARIABLE-DENSITY SHEAR-DRIVEN MIXING LAYERS WITH OBLIQUE SHOCK WAVES |
| 152 | \$113,000 | NATIONAL AERONAUTICS & SPACE ADMINISTRATION | Koochesfahani, Manoochehr | MECHANICAL ENGINEERING | PHASE 2: ZBOT-2 THERMOMETRY DIAGNOSTICS DEVELOPMENT |
| 153 | \$847,954 | AGRICULTURAL RESEARCH SERVICE | Li, Zhaojian | MECHANICAL ENGINEERING | DEVELOPMENT OF AN AUTOMATED AND INTEGRATED MOBILE SYSTEM (AIMS) FOR APPLE HARVEST AND INFIELD SORTING |

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| 154 | \$45,000 | LOS ALAMOS NATL LABORATORY | Mejia, Ricardo | MECHANICAL ENGINEERING | TURBULENT SHEAR LAYER WITH VARIABLE VISCOSITY |
| 155 | \$45,000 | NATIONAL AERONAUTICS & SPACE ADMINISTRATION | Wichman, Indrek | MECHANICAL ENGINEERING | DEVELOPING THE NARROW CHANNEL APPARATUS AS A NASA STANDARD MATERIAL FLAMMABILITY TEST |
| 156 | \$20,861 | HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Zayernouri, Mohsen | MECHANICAL ENGINEERING | MULTI-DIMENSIONAL ANALYSIS OF TREATMENT OUTCOMES FOR PATIENTS WITH HEAD AND NECK CANCER WITH FOCUS ON VOICE |
| COLLEGE OF HUMAN MEDICINE | | | | | |
| 157 | \$60,000 | BLUE CROSS BLUE SHIELD OF MICHIGAN FOUNDATION | Campbell, Karren | CS MOTT DEPARTMENT OF PUBLIC HEALTH | PROGRAM EVALUATION AND PORT-HURON IMPLEMENTATION TRIAL (PEPI) FOR SUD PREGNANT AND POSTPARTUM WOMEN |
| 158 | \$22,684 | UNIVERSITY OF MICHIGAN | Cederna, Crystal | CS MOTT DEPARTMENT OF PUBLIC HEALTH | MICHIGAN CLINICAL CONSULTATION & CARE (MC3) |
| 159 | \$239,996 | NATIONAL INST OF HEALTH | Debena, Maji | CS MOTT DEPARTMENT OF PUBLIC HEALTH | MOTHERS' ADVOCATES IN THE COMMUNITY FOR MOTHERS WITH EXPERIENCE OF INTIMATE PARTNER VIOLENCE |
| 160 | \$25,000 | COMMUNITY FOUNDATION OF GREATER FLINT | Finegood, Eric | CS MOTT DEPARTMENT OF PUBLIC HEALTH | VIDEO INTERACTION PROJECT |
| 161 | \$25,000 | MAX M & MARJORIE S FISHER FOUNDATION | Hanna-Attisha, Mona | CS MOTT DEPARTMENT OF PUBLIC HEALTH | RX KIDS: PRENATAL AND INFANT ALLOWANCES IN FLINT, MI |
| 162 | \$15,000 | COMMUNITY FOUNDATION OF GREATER FLINT | Hanna-Attisha, Mona | CS MOTT DEPARTMENT OF PUBLIC HEALTH | RX KIDS: PRENATAL AND INFANT ALLOWANCES IN FLINT, MI |
| 163 | \$10,000,000 | CHARLES STEWART MOTT FOUNDATION | Hanna-Attisha, Mona | CS MOTT DEPARTMENT OF PUBLIC HEALTH | RX KIDS: A PRENATAL AND INFANT ALLOWANCE IN FLINT, MI |
| 164 | \$50,000 | CHILDRENS FOUNDATION | Hanna-Attisha, Mona | CS MOTT DEPARTMENT OF PUBLIC HEALTH | RX KIDS: PRENATAL AND INFANT ALLOWANCES IN FLINT, MI |
| 165 | \$225,643 | GEORGE MASON UNIV | Johnson, Jennifer | CS MOTT DEPARTMENT OF PUBLIC HEALTH | EVALUATION OF STEPPING UP EFFORTS TO IMPROVE MH SERVICES AND JUSTICE UTILIZATION |

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| 166 | \$112,110 | NATIONAL INST ON MINORITY HEALTH & HEALTH DISPARITIES | Key, Kent | CS MOTT DEPARTMENT OF PUBLIC HEALTH | FAMILY HEALTH HISTORIES: CREATING A CULTURALLY TAILORED TOOL TO REDUCE HEALTH DISPARITIES IN THE AFRICAN AMERICAN COMMUNITY |
| 167 | \$50,000 | AMER CANCER SOCIETY INC | Lucas, Todd | CS MOTT DEPARTMENT OF PUBLIC HEALTH | CHOICE, IMPLEMENTATION INTENTIONS, AND AT-HOME COLORECTAL CANCER SCREENING |
| 168 | \$54,078 | NATIONAL INST OF HEALTH | Ondersma, Steven | CS MOTT DEPARTMENT OF PUBLIC HEALTH | ACCELERATING COLLABORATIVE, CUMULATIVE, AND OPEN INTERVENTION SCIENCE WITH AN E-INTERVENTION AUTHORIZING PLATFORM |
| 169 | \$259,882 | ROBERT WOOD JOHNSON FOUNDATION | Shipp, Gayle | CS MOTT DEPARTMENT OF PUBLIC HEALTH | INCREASING EVIDENCE AROUND INNOVATIVE MATERNITY CARE MODEL IN FLINT, MICHIGAN |
| 170 | \$241,997 | GREATER FLINT HEALTH COALITION | Uphold, Heatherlun | CS MOTT DEPARTMENT OF PUBLIC HEALTH | RACIAL AND ETHNIC APPROACHES TO COMMUNITY HEALTH (REACH) |
| 171 | \$500,773 | NATIONAL INST OF HEALTH | Chen, Honglei | EPIDEMIOLOGY AND BIOSTATISTICS | POOR SENSE OF SMELL AND THE HEALTH OF OLDER ADULTS |
| 172 | \$23,884 | MUNSONHEALTHCARE | Kerver, Jean | EPIDEMIOLOGY AND BIOSTATISTICS | RURAL COMMUNITIES OPIOID RESPONSE PROGRAM - MEDICATION ASSISTED TREATMENT ACCESS |
| 173 | \$25,000 | HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Pathak, Dorothy | EPIDEMIOLOGY AND BIOSTATISTICS | EPIGENETIC EFFECTS OF ACCULTURATION ON INCREASED BREAST CANCER RISK AMONG POLISH IMMIGRANT WOMEN TO THE U.S |
| 174 | \$59,381 | MASSACHUSETTS GENERAL HOSPITAL | Reeves, Mathew | EPIDEMIOLOGY AND BIOSTATISTICS | ADDRESSING RACIAL/ETHNIC DISPARITIES IN STROKE CARE ACCESS USING HOSPITAL TRANSFER NETWORKS |
| 175 | \$7,998 | MICHIGAN COUNCIL FOR MATERNAL & CHILD HEALTH | Shipp, Gayle | EPIDEMIOLOGY AND BIOSTATISTICS | COLLABORATIVE SUPPORT AND TRAINING OF BIRTH EQUITY AND MATERNAL HEALTH POLICY SPECIALIST |
| 176 | \$50,000 | MICHIGAN STATE POLICE | Arnetz, Bengt | FAMILY MEDICINE, DEPARTMENT OF | CRISIS RESPONSE AND INTERVENTION TRAINING |
| 177 | \$29,052 | MOREHOUSE SCHOOL OF MEDICINE | Boivin, Michael | HUMAN MEDICINE DEAN | PROTECTIVE ROLE OF NEUREGULIN-1 AGAINST CEREBRAL MALARIA_INDUCED NEURONAL INJURY AND BEHAVIORAL SEQUELAE |
| 178 | \$41,698 | MICHIGAN COALITION AGAINST HOMELESSNESS | Ilardo, Joan | HUMAN MEDICINE DEAN | IMPROVING HEALTH AND HOUSING OUTCOMES FOR OLDER ADULTS IN OAKLAND COUNTY |
| 179 | \$25,434 | UNIVERSITY OF ARIZONA | Sikorskii, Alla | HUMAN MEDICINE DEAN | VIDA PLENA: LIFESTYLE INTERVENTION FOR HISPANIC FEMALE CANCER SURVIVORS AND CAREGIVERS |

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| 180 | \$78,500 | NATIONAL INST OF HEALTH | Gu, Bin | INSTITUTE FOR QUANTITATIVE HEALTH | DEVELOPING HUMANIZED NUT CARCINOMA MOUSE MODEL FOR DEVELOPING NUTM1 TARGETED THERAPIES. |
| 181 | \$67,396 | NATIONAL INST OF HEALTH | Hardy, Jonathan | INSTITUTE FOR QUANTITATIVE HEALTH | NOVEL ANTIBIOFILM TREATMENTS FOR PSEUDOMONAS AERUGINOSA INFECTION |
| 182 | \$125,000 | NATIONAL INST OF HEALTH | Heyza, Joshua | INSTITUTE FOR QUANTITATIVE HEALTH | MOLECULAR REGULATION OF DOUBLE-STRAND BREAK REPAIR BY MDC1 |
| 183 | \$103,731 | UNIVERSITY OF CAPE TOWN | Knickmeyer, Rebecca | INSTITUTE FOR QUANTITATIVE HEALTH | EARLY BRAIN DEVELOPMENT IN CHILDREN BORN TO DEPRESSED MOTHERS IN HIGH AND LOW-INCOME SETTINGS |
| 184 | \$52,217 | US DEPT OF VETERANS AFFAIRS | Chang, Chi | MEDICAL EDUCATION RESEARCH DEVELOPMENT | BATTLE CREEK VA MEDICAL CENTER IPA AGREEMENT WITH CHI CHANG (2023-2024) |
| 185 | \$13,260 | JANSSEN RESEARCH & DEVELOPMENT LLC | Imran, Rajeel | NEUROLOGY OPHTHALMOLOGY CHM | JANSSEN_LIBREXIA PROTOCOL 70033093STR3001 |
| 186 | \$45,704 | UNIVERSITY OF MISSOURI | Arora, Ripla | OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO | THE ROLE OF CHOLESTEROL BIOSYNTHESIS IN METASTATIC AND RECURRENT ENDOMETRIAL CANCER |
| 187 | \$216,773 | COMANCHE BIOPHARMA CORP | Fazleabas, Asgerally | OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO | S-FLT SIRNA THERAPY FOR PRE-ECLAMPSIA |
| 188 | \$492,304 | NATIONAL INST OF CHILD HEALTH & HUMAN DEVELOPMENT | Fazleabas, Asgerally | OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO | REGULATION OF ENDOMETRIOTIC LESION DEVELOPMENT BY NOTCH1 |
| 189 | \$312,998 | US DEPT OF THE ARMY | Kulkarni, Madhavi | OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO | A LONGITUDINAL STUDY OF THE EPIDEMIOLOGY OF ENDOMETRIOSIS AFTER MENOPAUSE |
| 190 | \$119,607 | BAYLOR COLLEGE OF MEDICINE | Luke, Barbara | OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO | A US-UK COLLABORATIVE STUDY OF THE HEALTH OF CHILDREN BORN FROM IN VITRO FERTILIZATION: FROM CONCEPTION THROUGH YOUNG ADULTHOOD |
| 191 | \$96,380 | BOSTON CHILDRENS HOSPITAL | Missmer, Stacey | OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO | THE BOSTON CENTER FOR ENDOMETRIOSIS / WOMEN'S HEALTH STUDY: FROM ADOLESCENCE TO ADULTHOOD |

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| 192 | \$611,302 | NATIONAL INST OF HEALTH | Bachmann, Andre | PEDIATRICS AND HUMAN DEVELOPMENT | LEVERAGING MODULATION OF POLYAMINE METABOLISM FOR THERAPEUTIC ADVANTAGE IN GENETIC DISORDERS |
| 193 | \$21,846 | HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Chen, Bin | PEDIATRICS AND HUMAN DEVELOPMENT | INTERROGATING THE PHENOTYPE AND FUNCTION OF TAT CELLS IN PANCREATIC CANCER LIVER METASTASES |
| 194 | \$120,067 | SPECTRUM HEALTH - MSU ALLIANCE CORP | MacKeigan, Jeffrey | PEDIATRICS AND HUMAN DEVELOPMENT | ALPHA VS. BETA: A PRECLINICAL STUDY OF ASTATINE-211-LABELED AND LUTETIUM-177-LABELED BRENTUXIMAB VEDOTIN IN THE TREATMENT OF ANAPLASTIC LARGE CELL LYMPHOMA |
| 195 | \$90,000 | COREWELL HEALTH | MacKeigan, Jeffrey | PEDIATRICS AND HUMAN DEVELOPMENT | NOVEL CD30 RADIOPHARMACEUTICAL DEVELOPMENT |
| 196 | \$15,494 | VIRGINIA TECH | Pozzo-Miller, Lucas | PEDIATRICS AND HUMAN DEVELOPMENT | TRKB.T1 SIGNALING IN ASTROCYTES |
| 197 | \$33,116 | CYSTIC FIBROSIS FOUNDATION | Thomas, Ryan | PEDIATRICS AND HUMAN DEVELOPMENT | PROGRAM FOR ADULT CARE EXCELLENCE (PACE) |
| 198 | \$5,248 | UNIVERSITY OF MICHIGAN | Turner, Jane | PEDIATRICS AND HUMAN DEVELOPMENT | TRAINING NEW LEADERS IN DEVELOPMENTAL BEHAVIORAL PEDIATRICS |
| 199 | \$64,000 | WAYNE STATE UNIV | Turner, Jane | PEDIATRICS AND HUMAN DEVELOPMENT | MICHIGAN LEADERSHIP EDUCATION IN NEURODEVELOPMENTAL AND RELATED DISABILITIES (MI-LEND) |
| 200 | \$103,474 | NATIONAL CANCER INST | Vaughan, Robert | PEDIATRICS AND HUMAN DEVELOPMENT | CHARACTERIZING GENETIC MODIFIERS IN TUMOR BURDEN OF TUBEROUS SCLEROSIS COMPLEX |
| 201 | \$10,000 | SOCIETY OF TOXICOLOGY | Bernard, Jamie | PHARMACOLOGY TOXICOLOGY HUMAN MEDICINE | ADIPOSYTY PROMOTES BREAST CANCER THROUGH KYNURENINE-INDUCED ARYL HYDROCARBON RECEPTOR ACTIVITY: IMPLICATIONS FOR ENVIRONMENTAL AHR AGONISTS ON TUMOR FORMATION |
| 202 | \$11,958 | UNIVERSITY OF MICHIGAN | Bernard, Jamie | PHARMACOLOGY TOXICOLOGY HUMAN MEDICINE | OBESITY, BODY FAT DISTRIBUTION, AND BREAST CANCER RISK: IS VISCERAL FAT THE CULPRIT AFTER MENOPAUSE? |
| 203 | \$431,750 | NATIONAL INST OF HEALTH | Ahmedani, Brian | PSYCHIATRY HUMAN MEDICINE | IMPLEMENTATION STRATEGIES FOR SUICIDE PREVENTION AMONG YOUTH IN NEPAL |

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| 204 | \$37,500 | HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Chen, Ming | RADIOLOGY HUMAN MEDICINE | TARGETING MIR-10B TO INDUCE PTEN EXPRESSION: A NOVEL THERAPEUTIC STRATEGY FOR PTEN-DEFICIENT GBM |
| 205 | \$366,318 | NATIONAL INST OF HEALTH | Mahmoudi, Morteza | RADIOLOGY HUMAN MEDICINE | A NANOSTRUCTURED SKIN PATCH TO HEAL CHRONIC WOUNDS |
| 206 | \$11,922 | UNIVERSITY OF MICHIGAN | Scheel, Norman | RADIOLOGY HUMAN MEDICINE | MICHIGAN ALZHEIMER'S DISEASE RESEARCH CENTER-SUPPLEMENT |
| 207 | \$474,327 | NATIONAL INST OF HEALTH | Kanaan, Nicholas | TRANSLATIONAL NEUROSCIENCE | TAU-MEDIATED REGULATION AND DYSREGULATION OF PROTEIN PHOSPHATASE 1 |
| COLLEGE OF NATURAL SCIENCE | | | | | |
| 208 | \$454,873 | NATIONAL SCIENCE FOUNDATION | Dickson, Alexander | BIOCHEMISTRY MOLECULAR BIOLOGY CNS | REU SITE: ACRES: ADVANCED COMPUTATIONAL RESEARCH EXPERIENCE FOR STUDENTS |
| 209 | \$300,000 | NATIONAL SCIENCE FOUNDATION | Hsu, Polly | BIOCHEMISTRY MOLECULAR BIOLOGY CNS | TRANSLATIONAL REGULATION AND NOVEL TRANSLATED SMALL ORFS IN ARABIDOPSIS ABA RESPONSES |
| 210 | \$176,063 | NATIONAL INST OF HEALTH | Kuo, Min | BIOCHEMISTRY MOLECULAR BIOLOGY CNS | A NOVEL NON-TRANSGENIC FLY MODEL FOR TAUOPATHIES |
| 211 | \$185,867 | NATIONAL SCIENCE FOUNDATION | Lundquist, Peter | BIOCHEMISTRY MOLECULAR BIOLOGY CNS | CAREER: UNDERSTANDING PLASTOGLOBULE LIPID DROPLET FUNCTION THROUGH THE ABC1 ATYPICAL PROTEIN KINASES |
| 212 | \$363,665 | NATIONAL INST OF HEALTH | Lunt, Sophia | BIOCHEMISTRY MOLECULAR BIOLOGY CNS | EXAMINING PHGDH-MEDIATED ACTIVATION OF SIALIC ACID METABOLISM TO DRIVE TRIPLE-NEGATIVE BREAST CANCER METASTASIS |
| 213 | \$6,000 | PHYSICIANS COMMITTEE FOR RESPONSIBLE MEDICINE | Nault, Rance | BIOCHEMISTRY MOLECULAR BIOLOGY CNS | DEVELOPMENT OF CHEMICAL SAFETY SCREENING BY HIGH-THROUGHPUT SEQUENCING |
| 214 | \$476,137 | SPECTRUM HEALTH - MSU ALLIANCE CORP | Quinn, Robert | BIOCHEMISTRY MOLECULAR BIOLOGY CNS | ROLE OF SPECIALIZED METABOLITES FROM PSEUDOMONAS AERUGINOSA IN THE PATHOGENESIS OF CHRONIC LUNG ALLOGRAFT DYSFUNCTION |
| 215 | \$3,751,724 | NATIONAL SCIENCE FOUNDATION | Rhee, Seung | BIOCHEMISTRY MOLECULAR BIOLOGY CNS | BII: LIFE WITHOUT WATER: PROTECTING MACROMOLECULES, CELLS, AND ORGANISMS DURING DESICCATION AND REHYDRATION ACROSS KINGDOMS OF LIFE |

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| 216 | \$37,164 | WASHINGTON STATE UNIV | Zacharewski, Timothy | BIOCHEMISTRY MOLECULAR BIOLOGY CNS | MECHANISMS OF MICROCYSTIN-INDUCED HEPATOCELLULAR CARCINOMA IN NONALCOHOLIC STEATOHEPATITIS |
| 217 | \$71,806 | NATIONAL INST OF GENERAL MEDICAL SCIENCES | Andorfer, Mary | CHEMISTRY | INVESTIGATION AND APPLICATION OF HYDROCARBON-DEGRADING ENZYMES USING CRYO- ELECTRON MICROSCOPY AND DIRECTED EVOLUTION |
| 218 | \$301,391 | NATIONAL SCIENCE FOUNDATION | Demir, Selvan | CHEMISTRY | CAREER: DESIGN STRATEGIES FOR HIGH-PERFORMANCE BISMUTH- AND LANTHANIDE-BASED SINGLE-MOLECULE MAGNETS |
| 219 | \$278,775 | NATIONAL INST OF GENERAL MEDICAL SCIENCES | Hong, Heedeok | CHEMISTRY | FOLDING AND DEGRADATION OF MEMBRANE PROTEINS |
| 220 | \$262,678 | NATIONAL INST OF JUSTICE | Smith, Ruth | CHEMISTRY | COMPREHENSIVE EVALUATION OF KINETIC AND THERMODYNAMIC APPROACHES TO PREDICT EVAPORATION OF IGNITABLE LIQUIDS FOR FIRE DEBRIS APPLICATIONS |
| 221 | \$352,577 | NATIONAL INST OF HEALTH | Sun, Liangliang | CHEMISTRY | QUANTITATIVE TOP-DOWN PROTEOMICS OF HUMAN COLORECTAL CANCER CELLS AND TUMORS |
| 222 | \$33,026 | OFFICE OF NAVAL RESEARCH | Swain, Greg | CHEMISTRY | SURFACE TREATMENT OF CARBON FIBER EPOXY COMPOSITES THROUGH DIAZONIUM ADMOLECULE MODIFICATION – A PROCESS FOR REDUCING GALVANIC CORROSION OF MECHANICALLY JOINED ALUMINUM ALLOYS |
| 223 | \$45,001 | UNIVERSITY OF MICHIGAN | Xie, Yuying | COMPUTATIONAL MATH SCI AND ENGR CNS | ADVANCING ON-SLIDE AND OPTICAL BIOPSY TOOLS TO DETECT HIGH-RISK ORAL PREMALIGNANCY |
| 224 | \$166,914 | UNIVERSITY OF ILLINOIS | Basso, Bruno | EARTH AND ENVIRONMENTAL SCIENCES | AI INSTITUTE: ARTIFICIAL INTELLIGENCE FOR FUTURE AGRICULTURAL RESILIENCE, MANAGEMENT, AND SUSTAINABILITY (AIFARMS) |
| 225 | \$41,523 | UNIVERSITY OF ARIZONA | Gerson, Jacqueline | EARTH AND ENVIRONMENTAL SCIENCES | GALS ARIZONA & MICHIGAN: GIRLS ON OUTDOOR ADVENTURE FOR LEADERSHIP AND SCIENCE IN ARIZONA AND MICHIGAN |
| 226 | \$130,696 | UNIVERSITY OF COLORADO BOULDER | Gerson, Jacqueline | EARTH AND ENVIRONMENTAL SCIENCES | TOWARD SUSTAINABLE CROP SULFUR USE: PROBING THE LINK BETWEEN HIGH SULFUR APPLICATIONS AND METHYLMERCURY PRODUCTION |
| 227 | \$739,078 | COLORADO STATE UNIV | Gerson, Jacqueline | EARTH AND ENVIRONMENTAL SCIENCES | DISES: INVESTIGATING MERCURY BIOGEOCHEMICAL CYCLING VIA MIXED-METHODS IN COMPLEX ARTISANAL GOLD MINING LANDSCAPES AND IMPLICATIONS FOR COMMUNITY HEALTH |
| 228 | \$127,448 | PENNSYLVANIA STATE UNIV | Hardisty, Dalton | EARTH AND ENVIRONMENTAL SCIENCES | EXPERIMENTAL CONSTRAINTS ON DOLOMITEGEOCHEMISTRY AS AN ARCHIVE OF SEAWATER REDOX EVOLUTION |

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| 229 | \$518,578 | NATIONAL SCIENCE FOUNDATION | Hardisty, Dalton | EARTH AND ENVIRONMENTAL SCIENCES | COLLABORATIVE RESEARCH: HOLOCENE BIOGEOCHEMICAL EVOLUTION OF EARTH'S LARGEST LAKE SYSTEM |
| 230 | \$178,528 | AMER FARMLAND TRUST | Kendall, Anthony | EARTH AND ENVIRONMENTAL SCIENCES | DSFAS: INTEGRATING AI APPLICATIONS AND BIG DATA TO EVALUATE UNDER-UTILIZED IRRIGATED ROW CROP PRODUCTION ZONES (IRRIGAIT) |
| 231 | \$347,238 | NATIONAL SCIENCE FOUNDATION | Wei, Songqiao | EARTH AND ENVIRONMENTAL SCIENCES | COLLABORATIVE RESEARCH: HETEROGENEITIES OF THE ALASKA MEGATHRUST: FROM THE OVERRIDING PLATE TO THE SUBDUCTING SLAB |
| 232 | \$345,876 | NATIONAL SCIENCE FOUNDATION | Ganz, Julia | INTEGRATIVE BIOLOGY | CAREER: MOLECULAR CONTROL OF DIFFERENTIATION IN THE ENTERIC NERVOUS SYSTEM |
| 233 | \$151,287 | UNIVERSITY OF CALIFORNIA MERCED | Heath-Heckman, Elizabeth | INTEGRATIVE BIOLOGY | BII: INSITE: INSTITUTE FOR SYMBIOTIC INTERACTIONS, TEACHING, AND EDUCATION IN THE FACE OF A CHANGING CLIMATE |
| 234 | \$50,000 | NATIONAL SCIENCE FOUNDATION | Meek, Mariah | INTEGRATIVE BIOLOGY | I-CORPS: FISHERIES MANAGEMENT THROUGH SPECIES IDENTIFICATION TECHNOLOGY |
| 235 | \$24,999 | SAVANNAH RIVER NATIONAL LABORATORY | Moran, James | INTEGRATIVE BIOLOGY | ASSESSING NATURAL ATTENUATION PATHWAYS AND COMPLETENESS FOR THE PCE PLUME HYPORHEIC ZONE BELOW CMP PITS, SAVANNAH RIVER SITE |
| 236 | \$22,895 | NATIONAL SCIENCE FOUNDATION | Fitzpatrick, Sarah | KELLOGG BIOLOGICAL STATION NAT SCI | CAREER-LIFE BALANCE (CLB) SUPPLEMENTAL FUNDING REQUEST |
| 237 | \$200,000 | IRVING S GILMORE FOUNDATION | Janzen, Fredric | KELLOGG BIOLOGICAL STATION NAT SCI | MSU KELLOGG BIRD SANCTUARY RENOVATION CAPITAL CAMPAIGN |
| 238 | \$30,000 | WS & LOIS VANDALSON FOUNDATION | Janzen, Fredric | KELLOGG BIOLOGICAL STATION NAT SCI | MSU KELLOGG BIRD SANCTUARY RENOVATION CAPITAL CAMPAIGN |
| 239 | \$555,943 | NATIONAL SCIENCE FOUNDATION | Schultheis, Elizabeth | KELLOGG BIOLOGICAL STATION NAT SCI | COLLABORATIVE RESEARCH: WHICH ELEMENTS OF ROLE MODEL SUCCESS STORIES ARE EFFECTIVE IN IMPROVING EQUITY AND SUCCESS IN UNDERGRADUATE STEM EDUCATION? |
| 240 | \$85,593 | NATIONAL SCIENCE FOUNDATION | Wake, Preston | MATHEMATICS | CAREER: QUANTIFYING CONGRUENCES BETWEEN MODULAR FORMS |
| 241 | \$76,757 | NATIONAL INST OF ALLERGY & INFECTIOUS DISEASES | Abramovitch, Robert | MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS | DEFINING THE ANTIBACTERIAL ACTIVITIES OF OZONIDES |
| 242 | \$461,916 | NATIONAL INST OF HEALTH | Hammer, Neal | MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS | ELUCIDATING STRATEGIES OF STAPHYLOCOCCUS AUREUS NUTRIENT SULFUR ACQUISITION DURING INFECTION |

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| 243 | \$37,500 | HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Pyeon, Dohun | MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS | DEVELOPING NOVEL CANCER IMMUNOTHERAPY BY INHIBITING MARCHF8 AND AUTOPHAGY |
| 244 | \$510,469 | NATIONAL INST OF HEALTH | Waters, Christopher | MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS | THE CONTRIBUTION OF NOVEL CYTIDINE DEAMINASE REGULATORY SYSTEMS TO BACTERIAL EVOLUTION |
| 245 | \$471,347 | NATIONAL INST OF HEALTH | Waters, Christopher | MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS | EXPLORING CYCLIC DI-NUCLEOTIDE SIGNALING ACROSS THE TREE OF LIFE |
| 246 | \$200,000 | US DEPT OF ENERGY | Berz, Martin | PHYSICS ASTRONOMY | ADVANCED TRANSFER MAP METHODS FOR PARTICLE BEAM DYNAMICS: THEORY, APPLICATIONS, AND EDUCATION |
| 247 | \$229,997 | UNIVERSITY OF PITTSBURGH | Cocker, Tyler | PHYSICS ASTRONOMY | TOPOLOGICAL SPIN QUBITS BASED ON GRAPHENE NANORIBBONS |
| 248 | \$46,001 | UNIVERSITY OF WISCONSIN MADISON | DeYoung, Tyce | PHYSICS ASTRONOMY | MANAGEMENT AND OPERATIONS OF THE ICECUBE NEUTRINO OBSERVATORY 2021-2026 |
| 249 | \$106,613 | STONY BROOK UNIVERSITY | Fisher, Wade | PHYSICS ASTRONOMY | U.S. ATLAS OPERATIONS: DISCOVERY AND MEASUREMENT AT THE ENERGY FRONTIER |
| 250 | \$139,696 | UNIVERSITY OF MICHIGAN | Hayden, Daniel | PHYSICS ASTRONOMY | U.S. ATLAS OPERATIONS: DISCOVERY AND MEASUREMENT AT THE ENERGY FRONTIER |
| 251 | \$260,000 | US DEPT OF ENERGY | Mahn, Kendall | PHYSICS ASTRONOMY | IMPROVED NEUTRINO OSCILLATION MEASUREMENTS USING MULTIPLE NEUTRINO ENERGY SPECTRA |
| 252 | \$147,676 | NATIONAL SCIENCE FOUNDATION | Tessmer, Stuart | PHYSICS ASTRONOMY | SUPPLEMENTAL FUNDING FOR REU SITE: RESEARCH EXPERIENCES FOR UNDERGRADUATES IN PHYSICS |
| 253 | \$19,097 | UNIVERSITY OF CHICAGO | Whitehorn, Nathan | PHYSICS ASTRONOMY | "CONSORTIUM PROPOSAL FOR CMB-S4 CONTINUING DESIGN" |
| 254 | \$100,000 | SPECTRUM HEALTH - MSU ALLIANCE CORP | Andrechek, Eran | PHYSIOLOGY NATURAL SCIENCE | INVESTIGATING THE ROLE OF NF1 AND RAS DYSREGULATION IN BREAST CANCER PROGRESSION AND METASTASIS |
| 255 | \$129,168 | UNIVERSITY OF ALABAMA AT BIRMINGHAM | Busik, Julia | PHYSIOLOGY NATURAL SCIENCE | CHOLESTEROL HOMEOSTASIS IN PATHOGENESIS OF DR |
| 256 | \$454,135 | NATIONAL INST OF HEALTH | Gulbransen, Brian | PHYSIOLOGY NATURAL SCIENCE | ENTERIC GLIA AND VISCERAL PAIN |
| 257 | \$200,000 | AMER DIABETES ASSOC | Mohr, Susanne | PHYSIOLOGY NATURAL SCIENCE | THE EARLY PHASE OF ANTI-VEGF THERAPY AND DEVELOPMENT OF PERSONALIZED THERAPEUTIC STRATEGIES FOR DIABETIC MACULAR EDEMA (DME) |

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|--|--------------|--|-------------------------------------|---------------------------------------|--|
| 258 | \$273,148 | NATIONAL SCIENCE FOUNDATION | Ducat, Daniel | PLANT RESEARCH LABORATORY NAT SCIENCE | COLLABORATIVE RESEARCH: CREATING SYNTHETIC LICHEN TO ELUCIDATE HOW MORPHOLOGY IMPACTS MUTUALISTIC EXCHANGES IN MICROBIAL COMMUNITIES. |
| 259 | \$135,040 | AUBURN UNIV | Cao, Guanqun | STATISTICS PROBABILITY | COLLABORATIVE RESEARCH: IMR: MM-1A: FUNCTIONAL DATA ANALYSIS-AIDED LEARNING METHODS FOR ROBUST WIRELESS MEASUREMENTS |
| COLLEGE OF NURSING | | | | | |
| 260 | \$39,448 | UNIVERSITY OF TEXAS AT EL PASO | Buchholz, Susan | NURSING | EVIDENCE-BASED INTERVENTION TO IMPROVE WALKING ENGAGEMENT IN EL PASO, TEXAS |
| COLLEGE OF OSTEOPATHIC MEDICINE | | | | | |
| 261 | \$16,000,000 | MICHIGAN DEPT OF HEALTH & HUMAN SERVICES | Luz, Clare | FAMILY AND COMMUNITY MEDICINE | DIRECT CARE WORKER TRAINING |
| 262 | \$18,396 | ARGENX BVBA | Sachdev, Amit | NEUROLOGY AND OPHTHALMOLOGY COM | A PHASE 2/3, RANDOMIZED, DOUBLE-BLINDED, PLACEBO-CONTROLLED, PARALLEL-GROUP, 2-ARM, MULTICENTER, OPERATIONALLY SEAMLESS STUDY TO EVALUATE THE EFFICACY, SAFETY, TOLERABILITY, PHARMACODYNAMICS, PHARMACO |
| 263 | \$17,908 | UNIVERSITY OF ROCHESTER | Seydel, Karl | OSTEOPATHIC MEDICAL SPECIALTIES COM | MRI ANCILLARY STUDY OF MALARIA FEVER CONTROL RCT |
| 264 | \$562,226 | NATIONAL INST OF HEALTH | Lee, Kin Sing | PHARMACOLOGY TOXICOLOGY | DEVELOPMENT OF SOLUBLE EPOXIDE HYDROLASE INHIBITORS FOR THE TREATMENT OF ALZHEIMER'S DISEASE |
| 265 | \$11,885 | UNIVERSITY OF COLORADO DENVER HEALTH SCIENCES | Tewari-Singh, Neera | PHARMACOLOGY TOXICOLOGY | MAST CELL ACTIVATION AS A COMMON MECHANISM OF PULMONARY TOXICITY BY CHEMICAL THREAT AGENTS |
| 266 | \$67,388 | AMER HEART ASSOC | Watts, Stephanie | PHARMACOLOGY TOXICOLOGY | ROLE OF VASCULAR CHEMERIN AS A REGULATOR OF BLOOD PRESSURE AND CONTRIBUTOR TO CARDIOVASCULAR DISEASE |
| 267 | \$12,500 | TEACHERS COLLEGE COLUMBIA UNIV | Familiar-Lopez, Itziar | PSYCHIATRY OSTEOPATHIC MEDICINE | PILOT STUDY OF GUT MICROBIOME COMPOSITION AND OUTCOMES TO INTERPERSONAL PSYCHOTHERAPY TREATMENT FOR DEPRESSION AMONG ADULTS IN UGANDA |
| 268 | \$25,000 | HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES | Shapiro, Erik | RADIOLOGY OSTEOPATHIC MEDICINE | FIRST STEPS TOWARDS A FACILE, LARGE ANIMAL MODEL OF HUMAN OVARIAN CANCER FOR TESTING NOVEL INTRAPERITONEAL TARGETED THERAPIES |
| 269 | \$15,000 | BLUE CROSS & BLUE SHIELD OF MICHIGAN | Restini, Carolina | SE MI MACOMB UNIVERSITY CENTER | MACOMB COUNTY STREET MEDICINE |

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| COLLEGE OF SOCIAL SCIENCE | | | | | |
| 270 | \$78,656 | NATIONAL INST OF JUSTICE | Dunn, Rhian | ANTHROPOLOGY SOCIAL SCIENCE | SAMPLING AND SELECTION BIAS IN RESEARCH USING DOCUMENTED SKELETAL COLLECTIONS |
| 271 | \$50,000 | ALPHA WOOD FOUNDATION CHICAGO | Wrobel, Gabriel | ANTHROPOLOGY SOCIAL SCIENCE | THE MARCO GONZALEZ ARCHAEOLOGICAL PROJECT: EXPLORING ANCIENT MAYA COASTAL ADAPTATIONS IN NORTHERN BELIZE |
| 272 | \$48,788 | INGHAM COUNTY CIRCUIT COURT | Cavanagh, Caitlin | CRIMINAL JUSTICE | JUVENILE RISK ASSESSMENT TEAM |
| 273 | \$250,118 | MICHIGAN STATE POLICE | Holt, Karen | CRIMINAL JUSTICE | AN OFFENDER-FOCUSED APPROACH TO SEXUAL ASSAULT INVESTIGATIONS |
| 274 | \$63,080 | CITY OF DETROIT | Krupa, Julie | CRIMINAL JUSTICE | COMPREHENSIVE APPROACHES TO OPIOID ABUSE: RESEARCH PARTNER (LEAD) |
| 275 | \$116,692 | OFFICE OF JUSTICE PROGRAMS | Melde, Christopher | CRIMINAL JUSTICE | MILITARY SEXUAL TRAUMA EXPERIENCES OF FEMALE VETERANS IN MICHIGAN |
| 276 | \$250,000 | JUSTICE & SECURITY STRATEGIES INC | Rojek, Jeffrey | CRIMINAL JUSTICE | SMALL, RURAL, AND TRIBAL BODY-WORN CAMERA TRAINING AND TECHNICAL ASSISTANCE PROGRAM (BWC SRT TTA) |
| 277 | \$34,610 | UNIVERSITY OF TEXAS AT AUSTIN | Crespin, Rene | ECONOMICS | CHOOSING SCHOOLS |
| 278 | \$36,540 | MIDLAND COUNTY EMERGENCY MANAGEMENT OFFICE | Andresen, Jeffrey | GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES | PRECIPITATION MONITORING IN THE TITABAWASSEE WATERSHED. |
| 279 | \$25,000 | USDA FOREST SERVICE | Zhong, Shiyuan | GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES | TOWARDS AN IMPROVED UNDERSTANDING OF THE RELATIONSHIP OF SMOKE DISPERSION FROM PRESCRIBED FIRES TO CANOPY STRUCTURE AND ATMOSPHERIC CONDITIONS |
| 280 | \$310,528 | NATIONAL AERONAUTICS & SPACE ADMINISTRATION | Henebry, Geoffrey | GLOBAL CHG AND EARTH OBSERVATION CTR FOR | INSTITUTIONAL FORCINGS ON AGRICULTURAL LANDSCAPES IN POST-SOCIALIST EUROPE: DIACHRONIC HOTSPOT ANALYSIS OF CAP INFLUENCES ON AGRICULTURAL LAND USE IN ROMANIA 2002-2024 |
| 281 | \$5,340 | KBR | Roy, David | GLOBAL CHG AND EARTH OBSERVATION CTR FOR | LAND SATELLITES DATA SYSTEM (LSDS) EROS CAL/VAL CENTER OF EXCELLENCE (ECCOE) |
| 282 | \$61,213 | UNIVERSITY OF MARYLAND | Roy, David | GLOBAL CHG AND EARTH OBSERVATION CTR FOR | A FIVE-DECADE MULTI-SENSOR GLOBAL BURNED AREA DATA RECORD |

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| 283 | \$243,991 | NATIONAL AERONAUTICS & SPACE ADMINISTRATION | Yan, Lin | GLOBAL CHG AND EARTH OBSERVATION CTR FOR | DRIVERS AND CONSTRAINTS OF LAND COVER LAND USE CHANGE IN ASIAN AQUACULTURE HOTSPOTS |
| 284 | \$149,206 | CHEROKEE HEALTH SYSTEMS | Mitchell, Erica | HUMAN DEVELOPMENT AND FAMILY STUDIES CSS | CUNA: A COMPREHENSIVE AND CULTURALLY RESPONSIVE PROGRAM TO REDUCE MATERNAL DISPARITIES IN LATINX BIRTHING PEOPLE |
| 285 | \$118,896 | W K KELLOGG FOUNDATION | Grossmann, Matthew | INST FOR PUBLIC POLICY SOCIAL RESEARCH | MAKING RACIAL EQUITY CENTRAL TO MICHIGAN POLICYMAKERS |
| 286 | \$80,000 | RTI INTL | Campbell, Rebecca | PSYCHOLOGY SOCIAL SCIENCE | SAKI TTA PROJECT (SEXUAL ASSAULT KIT INITIATIVE TRAINING AND TECHNICAL ASSISTANCE PROJECT) |
| 287 | \$13,372 | UNIVERSITY OF BRITISH COLUMBIA | Chopik, William | PSYCHOLOGY SOCIAL SCIENCE | LIFE SATISFACTION AND PHYSICAL HEALTH: IDENTIFYING UNDERLYING MEDIATORS AND CHARACTERIZING KEY MODERATORS. |
| 288 | \$37,763 | SAN DIEGO STATE UNIV FOUNDATION | Drahota, Amy | PSYCHOLOGY SOCIAL SCIENCE | REDESIGNING AN AUTISM EVIDENCE-BASED PRACTICE IMPLEMENTATION TOOLKIT FOR MIDDLE AND HIGH SCHOOLS |
| 289 | \$671,595 | NATIONAL INST OF MENTAL HEALTH | Klump, Kelly | PSYCHOLOGY SOCIAL SCIENCE | HORMONAL MECHANISMS OF PERIMENOPAUSAL RISK FOR PSYCHOSIS IN WOMEN |
| 290 | \$592,819 | UNIVERSITY OF GEORGIA | Miller, Robin | PSYCHOLOGY SOCIAL SCIENCE | PROMOTING RIGHTS-BASED EVALUATION |
| 291 | \$69,964 | UNIVERSITY OF DELAWARE | Neal, Jennifer | PSYCHOLOGY SOCIAL SCIENCE | A CRITICAL, ECOLOGICAL PERSPECTIVE ON WALLACE FOUNDATION RESEARCH PRODUCTION, DIFFUSION, AND USE. |
| 292 | \$441,821 | NATIONAL INST OF HEALTH | Thakkar, Katharine | PSYCHOLOGY SOCIAL SCIENCE | VISUAL PERCEPTION AS A WINDOW ONTO PREDICTION ANOMALIES IN SCHIZOPHRENIA |
| 293 | \$40,059 | NATIONAL INST OF HEALTH | Vazquez, Alexandra | PSYCHOLOGY SOCIAL SCIENCE | ILLUMINATING THE DEVELOPMENTAL ETIOLOGY OF YOUTH RESILIENCE |
| 294 | \$48,786 | AGENCY FOR HEALTHCARE RESEARCH & QUALITY | Hsieh, Ning | SOCIOLOGY SOCIAL SCIENCE | UNDERSTANDING PRIMARY CARE UTILIZATION AND BARRIERS TO CARE AMONG SEXUAL AND RACIAL/ETHNIC MINORITY POPULATIONS |
| OFFICE OF UNDERGRADUATE EDUCATION | | | | | |
| 295 | \$305,000 | MICHIGAN DEPT OF EDUCATION | Lack, Bruce | MIGRANT STUDENT SERVICES | TITLE I, PART C MIGRANT EDUCATION PROGRAM IDENTIFICATION AND RECRUITMENT CENTERS |
| COLLEGE OF VETERINARY MEDICINE | | | | | |

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| 296 | \$93,528 | NATIONAL INST OF HEALTH | Ewart, Susan | LARGE ANIMAL CLINICAL SCIENCES | INCREASING DIVERSITY IN EXPERIENTIAL RESEARCH EDUCATION AT MICHIGAN STATE UNIVERSITY |
| 297 | \$50,000 | RESEARCH CORP FOR SCIENCE ADVANCEMENT | Picasso Risso, Catalina | LARGE ANIMAL CLINICAL SCIENCES | SCIALOG: MZT: DEVELOPMENT OF AN INTEGRATIVE APPROACH TO ENHANCE SURVEILLANCE SENSITIVITY SYSTEMS FOR WILDLIFE SPILLOVER OF BOVINE TUBERCULOSIS: WILD PIG CASE STUDY |
| 298 | \$16,356 | WEST VIRGINIA UNIV | Harkema, Jack | PATHOBIOLOGY DIAGNOSTIC INVESTIGAT CVM | IMPACT OF PARTICLE AND OZONE INHALATION CO-EXPOSURE ON ALVEOLAR EPITHELIAL REGENERATION |
| 299 | \$453,504 | NATIONAL INST OF HEALTH | Luyendyk, James | PATHOBIOLOGY DIAGNOSTIC INVESTIGAT CVM | NOVEL PROTEOLYTIC MECHANISMS DRIVING PATHOLOGIC HEPATIC CONGESTION IN DRUG-INDUCED HEPATOTOXICITY |
| 300 | \$19,862 | MORRIS ANIMAL FOUNDATION | Masyr, Alison | SMALL ANIMAL CLINICAL SCIENCES | GHRELIN AND GHSR EXPRESSION IN CANINE EXOCRINE AND ENDOCRINE PANCREATIC TUMORS |
| 301 | \$29,959 | COREWELL HEALTH | Sanders, Robert | SMALL ANIMAL CLINICAL SCIENCES | TRICUSPID VALVE MALADAPTATION: ITS STIMULI, ITS EFFECT ON VALVE FUNCTION, AND ITS RESPONSE TO THERAPY |
| 302 | \$117,130 | UNIVERSITY OF MICHIGAN | Yuzbasiyan-Gurkan, Vilma | SMALL ANIMAL CLINICAL SCIENCES | ENGINEERED NANO-FORMULATIONS FOR STING ACTIVATION |
| 303 | \$91,828 | BERNER GARDE FOUNDATION | Yuzbasiyan-Gurkan, Vilma | SMALL ANIMAL CLINICAL SCIENCES | BERNESE MOUNTAIN DOG DNA AND TISSUE REPOSITORY AT MSU |
| FACILITY FOR RARE ISOTOPE BEAMS | | | | | |
| 304 | \$800,000 | US DEPT OF ENERGY | Bogner, Scott | FACILITY FOR RARE ISOTOPE BEAMS | FRIB THEORY ALLIANCE |
| 305 | \$24,000,000 | US DEPT OF ENERGY | Glasmacher, Thomas | FACILITY FOR RARE ISOTOPE BEAMS | OPERATION OF THE FACILITY FOR RARE ISOTOPE BEAMS AS SCIENTIFIC USER FACILITY |
| 306 | \$69,000 | US DEPT OF ENERGY | Hao, Yue | FACILITY FOR RARE ISOTOPE BEAMS | ARTIFICIAL INTELLIGENCE APPLICATION IN NONLINEAR BEAM DYNAMICS STUDY FOR FUTURE HEP ACCELERATORS |
| 307 | \$80,000 | UNIVERSITY OF WASHINGTON | Hergert, Heiko | FACILITY FOR RARE ISOTOPE BEAMS | NUCLEAR THEORY FOR NEW PHYSICS |
| 308 | \$101,000 | US DEPT OF ENERGY | Nazarewicz, Witold | FACILITY FOR RARE ISOTOPE BEAMS | THEORETICAL NUCLEAR STRUCTURE |
| 309 | \$167,839 | US DEPT OF ENERGY | Nazarewicz, Witold | FACILITY FOR RARE ISOTOPE BEAMS | BAYESIAN FRAMEWORK FOR MINING OF EVALUATED NUCLEAR MASS DATA |
| 310 | \$495,270 | STANFORD LINEAR ACCELERATOR CENTER | Xu, Ting | FACILITY FOR RARE ISOTOPE BEAMS | PROPOSAL TO SUPPLY LCLS-II HE SRF GUN |

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| 311 | \$265,000 | US DEPT OF ENERGY | Liddick, Sean | NAT'L SUPERCONDUCTING CYCLOTRON LAB | NEUTRON CAPTURE CROSS SECTION MEASUREMENTS ON SHORT-LIVED ISOTOPES |
| ASC PROV FOR UNIV OUTREACH ENGAGEMENT | | | | | |
| 312 | \$50,000 | MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT | Lamore, Rex | OUTREACH AND ENGAGEMENT PARTNERSHIPS | ECONOMIC RESILIENCY TRIBAL FELLOWSHIP PILOT PLANNING |
| 313 | \$30,000 | MICHIGAN ECONOMIC DEVELOPMENT CORP | ZumBrunnen, Mary | OUTREACH AND ENGAGEMENT PARTNERSHIPS | MICHIGAN ECONOMIC DEVELOPMENT CORPORATION SUPPORT FOR MSU CCED REI STUDENT-LED/FACULTY-GUIDED TECHNICAL ASSISTANCE |
| INTERNATIONAL STUDIES AND PROGRAMS | | | | | |
| 314 | \$29,208 | US DEPT OF EDUCATION | Glew, Robert | INTERNATIONAL STUDIES AND PROGRAMS DEAN | FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD PROGRAM |
| MSU AGBIORESEARCH | | | | | |
| 315 | \$80,000 | COTTON INC | Lock, Adam | ANIMAL SCIENCE DEPARTMENT MABR | MAXIMIZING THE YIELDS OF MILK FAT AND PROTEIN UTILIZING WHOLE COTTONSEED IN DAIRY COW DIETS: AN EARLY LACTATION STUDY TO DETERMINE THE INTERACTION BETWEEN WHOLE COTTONSEED AND SUPPLEMENTAL FATTY ACIDS |
| 316 | \$91,354 | UNIVERSITY OF NEW MEXICO | Harkema, Jack | PATHOBIOLOGY DIAGNOSTIC INVESTGN MABR | CONTAMINANT METAL CONTENT IN WILDFIRE SMOKE AND NEUROINFLAMMATION |
| 317 | \$65,000 | UNIVERSITY OF WISCONSIN MADISON | Chilvers, Martin | PLANT SOIL AND MICROBIAL SCIENCES | MULTI-DIMENSIONAL APPROACHES FOR IMPROVED PRODUCTIVITY, SUSTAINABILITY, AND MANAGEMENT OF MAJOR SOYBEAN DISEASES IN THE NORTH CENTRAL U.S. |
| 318 | \$155,568 | UNIVERSITY OF IDAHO | Douches, David | PLANT SOIL AND MICROBIAL SCIENCES | DEVELOPMENT OF SUSTAINABLE SYSTEM-BASED MANAGEMENT STRATEGIES FOR TWO VECTOR-BORNE, TUBER NECROTIC VIRUSES IN POTATO |
| MICHIGAN STATE UNIVERSITY EXTENSION | | | | | |
| 319 | \$30,000 | NORTH CENTRAL INTEGRATED PEST MANAGEMENT | Heck, Ana | EXTENSION AGRICULTURE AND AGRIBUSINESS | MANAGED POLLINATOR PROTECTION PLANS WORKING GROUP |
| 320 | \$121,573 | AGRICULTURAL RESEARCH SERVICE | Lavelly, Emily | EXTENSION AGRICULTURE AND AGRIBUSINESS | DEVELOPMENT OF AN AUTOMATED AND INTEGRATED MOBILE SYSTEM (AIMS) FOR APPLE HARVEST AND IN-FIELD SORTING - MICHIGAN STATE UNIVERSITY |

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|-----|---------------|---|---|--|---|
| 321 | \$600,000 | MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY | Schweihofer, Jeannine | EXTENSION AGRICULTURE AND AGRIBUSINESS | INCREASING WATER EFFICIENCY AND CONSERVATION PRACTICES IN THE AGRICULTURE INDUSTRY |
| 322 | \$20,070 | IOWA STATE UNIV | Tocco, Phillip | EXTENSION AGRICULTURE AND AGRIBUSINESS | NCR BUYER'S HANDBOOK |
| 323 | \$100,000 | CHARLES J STROSACKER FOUNDATION | Chapin, Julie | EXTENSION CHILDREN AND YOUTH | EXPANSION OF MIDLAND REGION K-12 STEM CENTER AT MICHIGAN STATE UNIVERSITY ST. ANDREWS THROUGH A PROGRAM PARTNERSHIP WITH MSU AND MICHIGAN 4-H YOUTH DEVELOPMENT |
| 324 | \$50,000 | ROLLIN GERSTACKER FOUNDATION | Chapin, Julie | EXTENSION CHILDREN AND YOUTH | EXPANSION OF MIDLAND REGION K-12 STEM CENTER AT MICHIGAN STATE UNIVERSITY ST. ANDREWS THROUGH A PROGRAM PARTNERSHIP WITH MSU AND MICHIGAN 4-H YOUTH DEVELOPMENT |
| 325 | \$453,000 | HERBERT & GRACE DOW FOUNDATION | Chapin, Julie | EXTENSION CHILDREN AND YOUTH | EXPANSION OF MIDLAND REGION K-12 STEM CENTER AT MICHIGAN STATE UNIVERSITY ST. ANDREWS THROUGH A PROGRAM PARTNERSHIP WITH MSU AND MICHIGAN 4-H YOUTH DEVELOPMENT |
| 326 | \$9,653 | MICHIGAN 4H FOUNDATION | Schulz, Jodi | EXTENSION CHILDREN AND YOUTH | MICHIGAN 4H FOUNDATION COUNTY PROGRAMS |
| 327 | \$116,595 | MICHIGAN 4H FOUNDATION | Schulz, Jodi | EXTENSION CHILDREN AND YOUTH | MICHIGAN 4H FOUNDATION COUNTY PROGRAMS |
| 328 | \$27,716 | MICHIGAN COMMUNITY SERVICE COMMISSION | Wibby, Brian | EXTENSION CHILDREN AND YOUTH | AMERICORPS PLANNING PROGRAM |
| 329 | \$324,577 | MICHIGAN COMMUNITY SERVICE COMMISSION | Wibby, Brian | EXTENSION CHILDREN AND YOUTH | MSU 4-H HEALTHCORPS AMERICORPS PILOT |
| 330 | \$224,517 | MICHIGAN DEPT OF NATURAL RESOURCES | Bassett, Tyler | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | TITLE 14: FRD-GNA-HMNF BOTANY SURVEYS 2024 |
| 331 | \$25,001 | MICHIGAN DEPT OF NATURAL RESOURCES | Cohen, Joshua | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | FRD NATURAL COMMUNITY SURVEYS OF FRD LANDS 2024 |

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| 332 | \$112,994 | MICHIGAN DEPT OF NATURAL RESOURCES | Cohen, Joshua | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | TITLE 10: MICHIGAN FOREST INVENTORY OF PARKS AND RECREATION DIVISION LANDS |
| 333 | \$50,001 | MICHIGAN DEPT OF NATURAL RESOURCES | Cohen, Joshua | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | IDENTIFICATION OF RECOVERABLE FIRE-DEPENDENT SYSTEMS ON STATE FOREST LANDS 2024 |
| 334 | \$41,811 | MORTON ARBORETUM | Crick, Julie | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | INFRASTRUCTURE PREVENTION AND EARLY DETECTION OF INVASIVE PLANTS IN HIGH PRIORITY FORESTS OF THE MIDWEST |
| 335 | \$30,000 | MICHIGAN DEPT OF NATURAL RESOURCES | Hackett, Rachel | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | TITLE 25: GNA BOTANICAL SURVEY - PROJECT ENHANCEMENT 2024 |
| 336 | \$360,000 | SOVEREIGN EQUITY FUND | Ivan, David | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | STRENGTHENING TRIBAL FOOD SOVEREIGNTY THROUGH ENHANCED LOCAL FOOD SYSTEMS AND TRIBAL ENGAGEMENT |
| 337 | \$10,000 | UNIVERSITY OF MAINE | Jescovitch, Lauren | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | LOCAL GREAT LAKES SEAFOOD ACCESS |
| 338 | \$30,108 | MICHIGAN DEPT OF NATURAL RESOURCES | Lee, Yu Man | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | DNR-FRD-GNA HMNF EASTERN MASSASAUGA SURVEYS 2023 |
| 339 | \$49,030 | MICHIGAN NATURE ASSOC | Lee, Yu Man | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | FACILITATING AND IMPLEMENTING EASTERN MASSASAUGA CONSERVATION AND RECOVERY IN MICHIGAN |
| 340 | \$155,603 | MICHIGAN DEPT OF NATURAL RESOURCES | Lincoln, Jesse | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | TITLE 16: FRD-GNA-HMNF RECOVERABLE, FIRE-DEPENDENT ECOSYSTEMS 2024 |
| 341 | \$59,986 | MICHIGAN DEPT OF MILITARY & VETERANS AFFAIRS | Monfils, Michael | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | CAMP GRAYLING AT-RISK BIRD SURVEY IMPLEMENTATION |

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| 342 | \$77,987 | US FISH & WILDLIFE SERVICE | Rowe, Logan | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | MICHIGAN NATURAL FEATURES INVENTORY (MNFI) PROJECT: BUMBLE BEE COMMUNITY SURVEYS AT NPS AND FWS PRIORITY AREAS IN MICHIGAN |
| 343 | \$293,996 | US FISH & WILDLIFE SERVICE | Rowe, Logan | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | POWESHIEK SKIPPERLING POPULATION AND HABITAT SURVEYS, HABITAT MANAGEMENT, AND ADAPTIVE MANAGEMENT FRAMEWORK |
| 344 | \$15,000 | USDA FOREST SERVICE | Rowe, Logan | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | INSECT AGREEMENT WITH OTTAWA NATIONAL FOREST |
| 345 | \$35,000 | JACKSON NATIONAL LIFE INSURANCE CO | Tobe, Erica | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | ON THE PATH TO FINANCIAL HEALTH FOR EATON, INGHAM, AND CLINTON COUNTIES |
| 346 | \$119,881 | NORTH CENTRAL SUSTAINABLE AGRICULTURE RESEARCH | Ziegler, Garrett | EXTENSION COMMUNITY FOOD AND ENVIRONMENT | BUILDING CAPACITY FOR AGRICULTURAL EDUCATION AND RESOURCE PROFESSIONALS TO SERVE SUSTAINABLE URBAN AGRICULTURE PRODUCERS AND ORGANIZATIONS |
| 347 | \$90,000 | UNIVERSITY OF ILLINOIS | Rice, Remington | EXTENSION HEALTH AND NUTRITION | NORTH CENTRAL FARM AND RANCH STRESS ASSISTANCE CENTER: ENGAGING PROGRAMS TO SUPPORT PRODUCER WELL BEING |
| RESEARCH AND INNOVATION | | | | | |
| 348 | \$15,000 | IDENTIV | Hatfield, John | AXIA INSTITUTE | AXIA MEMBERSHIPS |
| 349 | \$30,000 | CCL INDUSTRIES INC | Hatfield, John | AXIA INSTITUTE | AXIA MEMBERSHIPS |
| 350 | \$25,000 | UNIVERSITY OF MICHIGAN | Hasemann, Charles | MSU INNOVATION CENTER | T3N(10) - POST DOCS FOR PERIOD OF JANUARY 1, 2023 - DECEMBER 31, 2023 |
| 351 | \$25,000 | UNIVERSITY OF MICHIGAN | Hasemann, Charles | MSU INNOVATION CENTER | T3N(10) - POST DOCS FOR PERIOD OF JANUARY 1, 2023 - DECEMBER 31, 2023 |
| 352 | \$25,000 | UNIVERSITY OF MICHIGAN | Hasemann, Charles | MSU INNOVATION CENTER | T3N(10) - POST DOCS FOR PERIOD OF JANUARY 1, 2023 - DECEMBER 31, 2023 |
| 353 | \$135,496 | MICHIGAN STATE UNIV FOUNDATION | Hasemann, Charles | MSU INNOVATION CENTER | T3N(10) - POST DOCS FOR PERIOD OF JANUARY 1, 2023 - DECEMBER 31, 2023 |
| DIVISION OF STUDENT LIFE AND ENGAGEMENT | | | | | |
| 354 | \$200,000 | COLLEGE ADVISING CORPS | Shaw, Allyn | SDER ADMIN | MSU COLLEGE ADVISING CORPS |

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| MICHIGAN STATE UNIVERSITY COLLEGE OF LAW | | | | | |
| 355 | \$10,000 | INTERNAL REVENUE SERVICE | Wease, Christina | COLLEGE OF LAW DEAN | MICHIGAN STATE UNIVERSITY LOW-INCOME TAXPAYER CLINIC |
| MSU UNIVERSITY RESEARCH ORGANIZATION | | | | | |
| 356 | \$60,000 | LAWRENCE LIVERMORE NATIONAL LABORATORY | Liu, Sijia | UNIVERSITY RESEARCH ORGANIZATION | GRADIENT-FREE FINE-TUNING FOR LARGE LANGUAGE MODELS |
| 357 | \$130,000 | APPLIED RESEARCH ASSOCIATES INC | Mackey, Kevin | UNIVERSITY RESEARCH ORGANIZATION | HIGH-EXPLOSIVE EXPERIMENT AND ANALYSIS |
| 358 | \$489,000 | GEORGE MASON UNIV | Ross, Arun | UNIVERSITY RESEARCH ORGANIZATION | TECHNIQUES FOR LATENT FINGERPRINT SYNTHESIS AND MATCHING |
| UNIVERSITY ARTS AND COLLECTIONS | | | | | |
| 359 | \$150,000 | TERRA FOUNDATION FOR AMER ART | Winter, Rachel | ART MUSEUM | SAMIA HALABY: EYE WITNESS |
| 360 | \$12,000 | MICHIGAN ARTS & CULTURE COUNCIL | Word, Michelle | ART MUSEUM | SPARTAN WELLNESS PROGRAMS AT THE MSU BROAD ART MUSEUM |
| 361 | \$9,600 | MICHIGAN ARTS & CULTURE COUNCIL | Akmon, Devon | MUSEUM | FOOD FIGHT PROGRAMMING |
| 362 | \$12,000 | MICHIGAN ARTS & CULTURE COUNCIL | Olmscheid, Eric | PERFORMING ARTS FACILITIES AND PROGRAMS | 2023-2024 ACT ONE SCHOOL SERIES (WHARTON CENTER FOR PERFORMING ARTS) |
| VARIOUS | | | | | |
| 363 | \$68,951 | VARIOUS | Various | Various | 26 CONSOLIDATED GRANTS WITH INDIVIDUAL VALUES OF \$5000 OR LESS. DETAILS ON FILE IN CONTRACT & GRANT ADMINISTRATION |
| | \$108,103,535 | Total April 2024 Board | | | |

CONSIGNMENT/NON-CASH GIFTS
BOARD OF TRUSTEES
April 12, 2024

| GIFT NO. | GIFT | DONOR | DEPARTMENT NAME | ESTIMATED VALUE | PURPOSE OR USE |
|----------|---|----------------------------------|---|-----------------|---|
| 1 | Saxophone collection | Howard Gourwitz | College of Music | \$153,200.00 | Display in the College of Music |
| 2 | Artwork by Irving Zane Taran <i>Painting, Judy's Boy</i> 78 x 75 inches Acrylic on canvas <i>Painting, Sebago</i> 66 x 138 inches Acrylic on canvas | Drs. Clifton & Dolores Wharton | Eli & Edythe Broad Art Museum | \$28,000.00 | Donation to Eli & Edythe Broad Art Museum |
| 3 | Artwork by Andisheh Avini <i>Untitled, 2018</i> India ink on canvas 72 x 36 inches | Douglas Smooke | Eli & Edythe Broad Art Museum | \$25,000.00 | Donation to Eli & Edythe Broad Art Museum |
| 4 | Artwork by Huang Yan <i>Brother and Sister, 2006</i> Three unframed C-Prints, 8/15 59 x 47-1/8 inches | Helyn Goldenberg & Michael Alper | Eli & Edythe Broad Art Museum | \$18,000.00 | Donation to Eli & Edythe Broad Art Museum |
| 5 | Air transportation | Mike McNamara | Intercollegiate Athletics Spartan Fund | \$8,350.57 | Men's Basketball recruiting trip |

CONSIGNMENT/NON-CASH GIFTS
 BOARD OF TRUSTEES
 April 12, 2024

| | | | | | |
|------|---------|---------|--------------|---------------------|--|
| 6-16 | Various | Various | Various | \$20,415.80 | 10 Consolidated non-cash gifts for individual values less than \$5,000 details on file in the Hannah Administration Building Contract & Grant Administration Office, Room 2 426 Auditorium Road East Lansing, MI |
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| | | | TOTAL | \$252,966.37 | |