

University of Maryland Eastern Shore
Office of Research (Sponsored Programs)

ANNUAL ACTIVITY REPORT
awarded between the period of
July 1, 2020 to June 30, 2021

AWARDED

I. SCHOOL OF AGRICULTURAL AND NATURAL SCIENCES

I. SCHOOL OF AGRICULTURAL AND NATURAL SCIENCES: 1890 LAND GRANT FORMULA FUNDS

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
EXTENSION			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Enrique Escobar	1890 foundation	1890 foundation	55,000.00
Berran Rogers	Improving Farmers Access to Resources and Management Solutions	USDA	274,109.00
Berran Rogers	Increasing Awareness and Participation in USDA-NRCS	USDA FPAC	309,102.00
Nicole Cook	Maryland Heirs Property Needs Assessment	The Cambells Foundation	5,760.00
Virginie Zoumenou	MD UMES Extension Building Trust and Vaccine Confidence	1890 Foundation	26,794.00
Total			670,765.00

I. SCHOOL OF AGRICULTURAL AND NATURAL SCIENCES: AGRICULTURE DEPARTMENT

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Simon Zebelo	Evaluation of Toxicities of Methly Benzoate	USDA	74,948
Fawzy Hashem	Evaluating food safty impacts of cover crop gra	The Regents of Univesity of California Unive.	144,052.00
Simon Zebelo	Ir-4 Northeast Region Minor Crop Pest Manag	USDA	799,791.00
Aurthur Allen	Dynamic Soil Properties for Soil Health	USDA	499,995.00
Stephan Tubane	Student Experintao Learning and Fuculty Preparation	Delaware State University	45,000.00
Stephan Tubane	Student Experintao* additional funds	Delaware State University	15,000.00
Simon Zebelo	Using Rizobacteria and Cover Crops	USDA	597,653.00
Fawzy Hashem	Micobial and Physico Chemical Technologies	USDA	88,680.00
Simon Zebelo	Evaluation of Toxicides of Methyl Benzonatate	USDA	74,948.00
Jurgen Schwarz	1890 Center of Excellence	North Carolina A&T	35,714.00
Sadanand Dhekney	Hemp Micropropagation for Clean Plant Production	MIPS	739,923.00
Salina Parveen	Identifying Major Sources of Fecal Pathogens in Bangladeshi	USAID	750,000.00
Behnam Khatabi	Identification of New Sources of Resistance/Tolerance to Sclerotinia	University of Maryland College Park	9,500.00
Kumar Dixit	Salt Tolerance in Soybean	Maryland Soybean Board	19,363.00
Sadanand Dhekney	Improving Grape Vine Resistance to Powdery Mildew Utilizing	NIFA/USDA	499,999.00
Lisa B Murphy	UMES Extension 4-H Junior Master Garden Program	Maryland Agricultural Education Foundation	495.00
Corrie Cotton	UMES 2021 Ag Discovery Program	USDA-APHIS	\$52,000.00
Moses Kairo	The 1890 Universities Center of Excellence for Global Food	USDA/NIFA	\$1,300,000.00
Fawzy Hashem	Micobial and Physico Chemical Technologies	USDA	109,572
Simon Zebelo	UMES Solar Pollinator Project	Department of Natural Resources	50,000
Sadanand Dhekney	Optimizing Transient Gene Expression and Genome Editing	USDA/NIFA	300,000
Simon Zebelo	IR-4 Crop Pest Management (II)	USDA	850,473
Total			\$7,057,106.00

I. SCHOOL OF AGRICULTURAL AND NATURAL SCIENCES: FOOD SCIENCE DEPARTMENT

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Caleb Nindo	MIPS	MIPS/Riche Evensa Check	89,935
Caleb Nindo	Addressing Global Food Security Through Patnership	1890 Univesities Foudation	95,985
Caleb Nindo	Adopting High Pressure Processing Technology (Blue Crabs)	University of Maryland	69,257
Salina Parveen	Identifying Major Sources of Feca pathogens in Bangladesh	Mississippi State University	\$7,500.00
Byungrok Min	Integrating Sustainable Agricultural Practices to Enhance	Alcorn State University	150,000
Total			412,677

I. SCHOOL OF AGRICULTURAL AND NATURAL SCIENCES: HUMAN ECOLOGY DEPARTMENT

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Donna Saterlee	CCCPDF	Maryland Department of Education	45,185.00
Anugrah Shaw	Croplife International Service Agreement	Croplife International	25,000
Donna Long	Child Care Relief Funds (MSDE)	Maryland Department of Education	\$22,970.00
Grace Namwamba	Design and Implimentation of Custiomized Internship	Tuskegee University	30,000
Total			123,155

I. SCHOOL OF AGRICULTURAL AND NATURAL SCIENCES: NATURAL SCIENCE DEPARTMENT

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Paulinus Chigbu	Living Marine Resources Cooperative Science Center	NOAA	\$4,449,128.00
Joseph Pitula	LSAMP Bridge to Doctorates at UMES	LSAMP	\$524,225.00
Paulinus Chigbu	Student Air Bourne Science Activation	NASA	\$10,000.00
Paulinus Chigbu	UMES Research Experience for Undergraduates in Marine and	NSF	323,985.00
Joseph Pitula	Understanding per and polyfluoroalkyl substances (PFAS)	NIFA/USDA	599,930.00
Jonathan Cumming	HBCU Internship Program	National Marine Sanctuary Foundation	\$20,000.00
Paulinus Chigbu	REU in Marine and Estuarine Science	NSF	41,321.00
Meng Xia	Hydrodynamic modeling to support estimates of impact	University of Maryland Center for Enviro Science	49,993.00
Paulinus Chigbu	Crest Center award (additional funds, pre-exist grant)	NSF	1,000,000.00
Total:			\$7,018,582.00

II. SCHOOL OF PHARMACY AND HEALTH PROFESSIONS

II. SCHOOL OF PHARMACY AND HEALTH PROFESSIONS: EXERCISE SCIENCE DEPARTMENT

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Miriam Purnell	Sustainable Medication Pharmacists Engagment *additional funds	State of MD Health Department	40,000.00
Yen Dang	Sexual Risk Avoidance Education Grant	Somerset County Health Department (SCHD)	\$2,000.00
Yen Dang	Community Based Tobacco prevention and Education Program (CRF Grant)	Somerset County Health Department (SCHD)	\$2,000.00
Victor Hsia	Developing a High-throughput Strategy Using the Wolf Cell	Department of Defense	\$140,825.00
Miriam Purnell	Sustainable Medication Pharmacists Engagement *additional funds	Maryland Department of Health	\$40,000
Miriam Purnell/Dana Fasanello	Sustainable Medication Pharmacists Engagement *additional funds	Maryland Department of Health	\$100,000
Adel Karara	Drug Discovery and Biomedical Research Training	Dept. of Health and Human Services/NIH	\$266,665
Peter Bidar Wang	Aberrant Splice Variants	NIH/NIGMS	\$387,500
Fred Tejada	Opiod Missue and Prevention Program	Somerset County Health Department	\$5,300
Peter Bidar Wang	Consequences and Mechanism of Aberrant Splicing	George Washington University	\$7,500
Total			991,790.00

II. SCHOOL OF PHARMACY AND HEALTH PROFESSIONS: PHYSICAL THERAPY
PROJECT LEADER PROJECT TITLE SPONSOR AMOUNT OF AWARD

II. SCHOOL OF PHARMACY AND HEALTH PROFESSIONS: REHABILITATION SERVICES
PROJECT LEADER PROJECT TITLE SPONSOR AMOUNT OF AWARD

William Talley	Rehab Long Term Training Vocational Rehab Counseling	US Department of Education	\$199,033
Leslie Santos	Infant/Early Childhood Mental Health and Parenting Program (Maryland Department of Health/University of Baltim		\$58,420.00
Total			257,453.00

III. SCHOOL OF THE ARTS AND PROFESSIONS

EDUCATION
PROJECT LEADER PROJECT TITLE SPONSOR AMOUNT OF AWARD

Pat Goslee	Begining Teacher Mentoring Program	MSDE	65,000
Total			65,000

III. SCHOOL OF THE ARTS AND PROFESSIONS: ENGLISH & MODERN LANGUAGES DEPARTMENT
PROJECT LEADER PROJECT TITLE SPONSOR AMOUNT OF AWARD

Carole Champagne	2021 M.O.S.T Faculty OER Grant Award	William E. Kirwan Center for academic Innovation	1,000.00
Total:			\$1,000.00

III. SCHOOL OF THE ARTS AND PROFESSIONS: FINE ARTS DEPARTMENT
PROJECT LEADER PROJECT TITLE SPONSOR AMOUNT OF AWARD

Susan Holt	Community Art Development Grant	Somerset County Arts Council	\$1,500
Susan Holt	Community Art Development Grant	Somerset County Arts Council	\$3,000
Total			\$4,500

III. SCHOOL OF THE ARTS AND PROFESSIONS: SOCIAL SCIENCES
PROJECT LEADER PROJECT TITLE SPONSOR AMOUNT OF AWARD

III. SCHOOL OF THE ARTS AND PROFESSIONS: UPWARD BOUND
PROJECT LEADER PROJECT TITLE SPONSOR AMOUNT OF AWARD

Nicole Gale	Upward Bond	U.S Department of Education	14,594.00
Total			\$14,594

IV. SCHOOL OF BUSINESS AND TECHNOLOGY

IV. SCHOOL OF BUSINESS AND TECHNOLOGY: BUSINESS, MANAGEMENT AND ACCOUNTING
PROJECT LEADER PROJECT TITLE SPONSOR AMOUNT OF AWARD

Dinesh Sharma	Catalytic Learning Model Based on Student Centered	U.S Department of Education	202,413
Total:			\$202,413.00

IV. SCHOOL OF BUSINESS AND TECHNOLOGY: ENGINEERING AND AVIATION SCIENCES
PROJECT LEADER PROJECT TITLE SPONSOR AMOUNT OF AWARD

Yuanwei Jin	Lockhead Martin FY 21	Lockheed Martin	\$40,000.00
Yuanwei Jin	Transforming Shellfish Farming With Smart Technology	University Of Maryland	\$65,365
Willie Brown	Dwight David Eisenhower Transportation Fellowship Program	U.S Department of Transportation	\$25,500.00
Abhijit Nagchaudhuri	MD Space Grant Consortium	Airspaces	35,750.00
Chris Hartman	Aviation Educator Training and Certification for Pilot Workforce	Federal Aviation Administration	143,000
Chris Hartman	Air Force Junior ROTC Summer Flight Academy	Air Force JROTC	\$465,400.00

Total **775,015.00**

IV. SCHOOL OF BUSINESS AND TECHNOLOGY: MATHEMATICS AND COMPUTER SCIENCE DEPARTMENT

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
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IV. SCHOOL OF BUSINESS AND TECHNOLOGY: TECHNOLOGY DEPARTMENT

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Joseph Arumala	National Summer Transportation Institute.	Delaware State Department of Transportation	\$55,000
Derrek B Dunn	Masters Data Science Engineering	Microsoft Corporation	\$100,000.00
Total:			\$155,000.00

V. OTHER NON-INSTRUCTIONAL - ADMINISTRATIVE UNITS

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
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VI. INTERNATIONAL PROGRAMS

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Emanuel Acquah	FD-X20/FD-X21	USAID	610,700.00
Total:			610,700.00

VII. TITLE III INSTITUTIONAL SUPPORT PROGRAM

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
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WESM RADIO STATION

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Gerald Weston	2021 Radio Community Service Grant Agreement	Corporation for Public Broadcasting	\$180,059
Total:			\$180,059.00

LIBRARY	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
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PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Lauresa Wigfall	Project KISS/ Maryland Prep Program	Maryland Department of Health	\$30,000.00
Lauresa Wigfall	UMES ATOD Center	Maryland Department of Health	\$159,688
Lauresa Wigfall	Adolence Optimal Health	Healthy Teen Network	\$25,000
Total:			\$214,688

ACADEMIC AFFAIRS

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Nancy Niemi	MD Placement Policies Community of Practice Funds	University System of Maryland	\$2,000
Total:			2,000

HOTEL AND RESTURANT MA	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
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PROJECT LEADER

UMES FOUNDATION

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Hoi-An Truong	RMC RMPHF Funds	Rural Maryland Council	100,000
Total:			\$100,000.00

OFFICE OF RESEARCH
PROJECT LEADER
 LaKeisha Harris

PROJECT TITLE
 MD State Wide Tech Assist Project on Positive Behavior

SPONSOR
 Maryland Department of Health

AMOUNT OF AWARD
 8,000

Total: **\$8,000.00**

TOTAL: Grants, Contracts and awards (non covid related)

* Note: Only grants, contracts and awards, Covid funding counted seperately below.

Total: **\$18,864,497.00**

COVID RELATED FUNDING * not included in report to USM

PROJECT LEADER

Lester Primus
 Jesse Halpern
 Gerald Weston
 Lester Primus/Latoya Jenkins
 Donna Long
 Lester Primus
 Lester Primus
 Lester Primus
 Lester Primus
 Lester Primus
 Lester Primus
 Jesse Halpern
 Truong Hoi- An
 Lester Primus
 Lester Primus

PROJECT TITLE

Testing for America UMES Grant Agreement
 Photography Covid Updates
 America Rescue Plan Act Stabilization Grants
 Covid Relief Funding
 Child Care Relief Funds (MSDE)
 P425J200121-20B "operational relieve for instruction student
 Education Stabilization Fund
 To address Covid impact/ student enrollment
 P425F202240-20B Covid impact additional funds
 P425E202299-20B Final aid to students impact
 Dark Room renovations
 pilot implementation and comparison covid 19
 Education Stabilization Fund
 CARES act student emergency fund gift

SPONSOR

Testing for America
 Somerset County Arts Council
 Corporation for Public Broadcasting
 Testing for Ameica LLC
 Maryland Department of Education
 U.S. Department of Education
 US Department of Education
 US Department of Education
 U.S. Department of Education
 U.S. Department of Education
 CARES ACT
 Maryland Department of Health
 U.S Department of Education
 University of Maryland Global Campus

285,000
 3000
 \$222,048.00
 800,000
 22,970.00
 \$87,380.00
 1,771,183
 3,705,112.00
 \$4,795,178.00
 \$4,831,878.00
 \$103,766
 148,229.00
 \$7,840,808
 \$520,000

TOTAL: Covid related grants, awards and funding **\$25,136,552.00**

GRAND TOTAL: Combined Covid and Non Covid Funding: **\$44,001,049.00**