

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 Improving Farmers Access to Resources and Management Solutions	1890 foundation	55,000.00 01/2020-6/30/2022
Berran Rogers	Increasing Awareness and Participation in USDA-NRCS Maryland Heirs Property Needs Assessment	USDA	274,109.00 9/28/20-9/27/22
Nicole Cook	Increasing Awareness and Partip./African American Farmers	USDA FPAC	309,102.00 1/22/21-12/01/22
Berran Rogers	MD UMES Extension Building Trust and Vaccine Confidence	The Cambells Foundation	5,760.00
Virginie Zoumenou		USDA	309,102.00
		1890 Foundation	26,794.00 5/1/21-4/30/22

979,867.00

I. SCHOOL OF AGRICULTURAL AND NATURAL SCIENCES: AGRICULTURE DEPARTMENT

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
EXTENSION			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Simon Zebelo	Evaluation of Toxicities of Methyl Benzoate	USDA	74,948
Fawzy Hashem	Evaluating food safety impacts of cover crop gra	The Regents of University of California Unive	144,052.00:1/2020-4/31/2021
Simon Zebelo	Ir-4 Northeast Region Minor Crop Pest Manag	USDA	799,791.00:1/2020-8/31/2021
Arthur Allen	Dynamic Soil Properties for Soil Health	USDA	499,995.00
Stephan Tubane	Student Experintao Learning and Faculty Preparation	Delaware State University	45,000.00:15/2020-5/14/2023
Stephan Tubane	Student Experintao Learning	Delaware State University	15,000.00:15/2020-5/14/2024
Simon Zebelo	IR4 Northeast Region Minor Crop Pests	USDA	799,791.01/2020-8/31/2021
Simon Zebelo	Using Rizobacteria and Cover Crops	USDA	597,653.00:15/2020-6/14/2023
Fawzy Hashem	Micobial and Physico Chemical Technologies	USDA	88,680.00:01/2020-8/31/2021
Simon Zebelo	Evaluation of Toxicides of Methyl Benzoatate	USDA	74,948.00:20/2020-8/31/2022
Jurgon Schwarz	1890 Center of Excellence	North Carolina A&T	35,714.00:01/2020-6/30/2022
Sadanand Dhckncy	Hemp Micropropagation for Clean Plant Production	MIPS	739,923.00
	Identifying Major Sources of Fecal Pathogens in Bangladesh		
	Aquaculture value, chains and Educating the effectiveness of various risk reduction Strategies.	USAID	750,000.00 1/28/21-4/30/21
Salma Parveen	Identification of New Sources of Resistance/Tolerance to Sclerotinia	University of Maryland College Park	9,500.00 delayed by UMCP
Behnam Khatabi	Salt Tolerance in Soybean	Maryland Soybean Board	19,363.00 2021-2022
Kumar Dixit	Improving Grape Vine Resistance to Powdery Mildew Utilizing Genome Editing Technology	NIFA/USDA	499,999.00
Sadanand Dhckncy	UMES Extension 4-H Junior Master Garden Program	Maryland Agricultural Education Foundation	495.00 2021-2021
Lisa B Murphy	UMES 2021 Ag Discovery Program	USDA-APHIS	\$52,000.00 03/21-12/21
Corrie Cotton			

Moses Kairo	The 1890 Universities Center of Excellence for Global Food Security and Defense (CEGFSD)	USDA/NIFA	\$1,300,000.00	2020-2021
Fawzy Hashem	Microbial and Physico Chemical Technologies	USDA	109,572	2020-2022
Simon Zebelo	UMES Solar Pollinator Project	Department of Natural Resources	50,000	4/1/21-3/31/22 *contract
Sadamand Dheknay	Optimizing Transient Gene Expression and Genome Editing	USDA/NIFA	300,000	15/2021-6/14/2023
Simon Zebelo	IR-4 Crop Pest Management (II)	USDA	850,473	1/1/2021-7/31/2022

Total: \$7,856,897.00

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	01/2020-7/31/2021
Caleb Nindo	Addressing Global Food Security Through Partnership	1890 Universities Foundation	95,985	
Caleb Nindo	Adopting High Pressure Processing Technology (Blue Crabs)	University of Maryland	69,257	01/2020-8/31/2022
Safina Parveen	Identifying Major Sources of Foca pathogens in Bangladesh			
Byungrok Min	Aquaculture Value Chains and Evaluating the effectiveness of Various Risk Reduction Strategies	Mississippi State University	\$7,500.00	Additional Funds
	Integrating Sustainable Agricultural Practices to Enhance	Alcorn State University	150,000	4/15/21-4/15/24
Total			412,677	

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

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD	
Donna Saterlee	MD State Department of Education	CCCPDF	45,185.00	
Anugrah Shaw	Croplife International Service Agreement		25,000	
Donna Long	Child Care Relief Funds (MSDE)	Maryland Department of Education	\$22,970.00	03/28/20-12/31/21
Grace Namwamba	Design and Implementation of Customized Internship	Tuskegee University	30,000	2020-2022
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	Additional Funds
Joseph Pitula	LSAMP Bridge to Doctorates at UMES	LSAMP	\$524,225.00	Additional funds
Paulinus Chigbu	Student Air Borne Science Activation	NASA	\$10,000.00	
Paulinus Chigbu	UMES Research Experience for Undergraduates in Marine and Estuarine Science	NSF	323,985.00	3/01/21-2/29/24
	Understanding per and polyfluoroalkyl substances (PFAS) Occurrence, fate, and Transport in plants and their impact on plant-insect interactions			
Joseph Pitula	HBCU Internship Program	NIFA/USDA	599,930.00	
Jonathan Cumming	REFU in Marine and Estuarine Science	National Marine Sanctuary Foundation	\$20,000.00	04/2021-04/20/22
Paulinus Chigbu	Hydrodynamic modeling to support estimates of impact	NSF	41,321.00	*additional funds
Meng Xia	Crest Center award (additional funds, pre-exist grant)	University of Maryland Center for Enviro Science	49,993.00	9/01/20-8/31/21
Paulinus Chigbu		NSF	\$1,000,000	* additional
Total:			\$7,018,580.00	

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
II. SCHOOL OF PHARMACY AND HEALTH PROFESSIONS: PHARMACY DEPARTMENT			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Miriam Purnell	Sustainable Medication Therapy Management	State of MD Health Department	40,000.00 01/20/20-6/30/2021 additional Funds
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 2021-2021
Victor Hsia	Developing a High-throughput Strategy Using the Wolf Cell Sorter to Analyze Human Dorsal Root Ganglia Neurons Emitting Fluorescence at Different Wavelength	Department of Defense	\$140,825.00 7/20/21-6/19/22
Miriam Purnell	Pharmacists Engagement for Sustainable Medication Therapy Management to Improve Hypertension, Diabetes, Cholesterol, and Cardiovascular Disease Outcomes	Maryland Department of Health	\$40,000 6/30/20-6/30/23 Additional Funds
Miriam Purnell/Dana Fasanella	Pharmacists Engagement for Sustainable Medication	Maryland Department of Health	\$100,000 3/0/2021-6/30/2023 Additional funds/ amendment
Adel Karara	Drug Discovery and Biomedical Research Training	Dept. of Health and Human Services/NIH	\$266,665* 2019-2024 *additional funds
Peter Bidar Wang	Aberrant Splice Variants	NIH/NIHGS	\$387,500 9/1/2019-8/31/2023
Fred Tojada	Opioid Misuse and Prevention Program	Somerset County Health Department	\$5,300 2020-2021
Peter Bidar Wang	Consequences and Mechanism of Aberrant Splicing	George Washington University	\$7,500 *additional funds
	Total		751,790.00

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
II. SCHOOL OF PHARMACY AND HEALTH PROFESSIONS: PHYSICAL THERAPY			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
William Talley	Rehab Long Term Training Vocational Rehab Counseling	US Department of Education	\$199,033 10/20-9/30/21
Leslie Santos	Infant/Early Childhood Mental Health and Parenting Program (SC Maryland Department of Health/University of Baltimore)		\$58,420.00 2021-2022
	Total		257,453.00

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
III. SCHOOL OF THE ARTS AND PROFESSIONS			
EDUCATION	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Pat Gosloc	Beginning Teacher Mentoring Program	MSDE	65,000 07/01/20-09/30/21
	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 6/01/21-5/32/22
	Total:		\$1,000.00

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
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 2019-2020
Susan Holt	Community Art Development Grant	Somerset County Arts Council	\$3,000 2021
	Total		\$4,500

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
III. SCHOOL OF THE ARTS AND PROFESSIONS: SOCIAL SCIENCES			
	PROJECT TITLE		
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 additional funds
	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		\$40,000.00
Yuanwei Jin	Transforming Shellfish Farming With Smart Technology	University Of Maryland	\$65,365
Abhijit Nagchaudhuri	Maryland Space Grant Consortium	AIRSPACES	\$35,000
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	Engineering Aviation Science	143,000
Chris Hartman	Workforce Development	Air Force JROTC	\$465,400.00
	Air Force Junior ROTC Summer Flight Academy		2021-2022
			03/21-08/21
	Total		810,015.00
IV. SCHOOL OF BUSINESS AND TECHNOLOGY: MATHEMATICS AND COMPUTER SCIENCE DEPARTMENT			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
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
VI. INTERNATIONAL PROGRAMS			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Fimmanuel 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
WESM RADIO STATION PROJECT LEADER Gerald Weston	PROJECT TITLE 2021 Radio Community Service Grant Agreement	SPONSOR Corporation for Public Broadcasting	AMOUNT OF AWARD \$180,059
LIBRARY	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD \$180,059.00
ATOD PROJECT LEADER Laurena Wigfall Laurena Wigfall Laurena Wigfall	PROJECT TITLE Project KISS/ Maryland Prep Program UMFS ATOD Center Adolence Optimal Health	SPONSOR Maryland Department of Health Maryland Department of Health Healthy Teen Network	AMOUNT OF AWARD \$30,000.00 9/1/21-6/30/24 \$159,688 1/1/2021-6/30/2022 \$25,000 \$214,688
ACADEMIC AFFAIRS PROJECT LEADER Nancy Niemi	PROJECT TITLE MD Placement Policies Community of Practice Funds	SPONSOR University System of Maryland	AMOUNT OF AWARD \$2,000 clearing account 2,000
HOTEL AND RESTURANT M/A PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
UMES FOUNDATION PROJECT LEADER Hoi-An Truong	PROJECT TITLE RMC RMP/IF Funds	SPONSOR Rural Maryland Council	AMOUNT OF AWARD 100,000 \$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 2020-2021 \$8,000.00

\$27,329,848.00

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

*note: This was the amount reported to USM for the annual report- they did not want us to include any Covid related funding in the report.

COVID RELATED FUNDING * not included in report to USM

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Lester Primus Jesse Halpern Gerald Weston Lester Primus/Latoya Jenkins Donna Long 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 relief for instruction student	SPONSOR Testing for America Somerset County Arts Council Corporation for Public Broadcasting Testing for America LLC Maryland Department of Education U.S. Department of Education	AMOUNT OF AWARD 285,000 2021-2022 3000 2021-2021 \$222,048.00 CARES FUNDS 800,000 22,970.00 03/28/20-12/31/21 \$87,380.00 1/1/2020-5/31/2022

Lester Primus	Education Stabilization Fund	1,771,183	2021
Lester Primus	To address Covid impact/ student enrollment	3,705,112.00	2021
Lester Primus	P425F2022-40-20B Covid impact additional funds	* \$4,795,178.00	5/7/20-1/16/2022
Lester Primus	P425E202299-208 Final aid to students impact	\$4,831,878.00	5/6/20-1/16/22
Jesse Halpern	Dark Room renovations	\$103,766	
Truong Hoi-An	pilot implementation and comparison covid 19	148,229.00	
Lester Primus	Education Stabilization Fund	\$7,840,808	6/1/20-5/31/21
Lester Primus	CARES act student emergency fund gift	\$520,000	
	TOTAL: Covid related grants, awards and funding	\$25,136,552.00	

GRAND TOTAL: Combined Covid and Non Covid Funding: \$52,466,400.00