

FY 22

University of Maryland Eastern Shore

**Office of Research/ Office of Sponsored Programs**

**ANNUAL ACTIVITY REPORT**

**Awarded between the period of July 1, 2021 to June 30, 2022**

**I. SCHOOL OF AGRICULTURAL AND NATURAL SCIENCES**

**1890 LAND GRANT FORMULA FUNDS**

<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
		<b>TOTAL</b>	<b>\$0.00</b>

**AGRICULTURE DEPARTMENT**

<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
Allen, Arthur	Dispersed Uranium Tailings and Their Influence on Bacteria Community of Contiguous Navaj	Navajo Tech University	\$16,600.00
Cotton, Corrie	UMES 2022 AgDiscovery Program	USDA-APHIS	\$52,000.00
Dheckney, Sadanand	Advancing Education and Training in Hemp	USDA	\$99,978.00
Dheckney, Sadanand	Optimizing Transient Gene Expression and Genome Editing Systems in Vitis for Rapid Trait	NIFA	\$300,000.00
Dixit, Naveen Kumar	Cultivation of Asia Indian Vegetable on the Delmarva Peninsula	University of Vermont	\$33,332.00
Dixit, Naveen Kumar	Micronutrient Zinc to Enhance Yield Potential in Corn (Zea mays L.)	Maryland Grain Producer Utilization Board	\$23,567.00
Dixit, Naveen Kumar	Management of Herbicide Resistance in Palmer Amaranth	DE Soybean Board	\$9,536.00

Haslem, Fawzy	Smart Agriculture Developing Intergrated Food Safety Practices for Aquaponic Production	National Academy of Sciences	\$62,718.00
Haslem, Fawzy	Microbial and Physico- Chemical Technologies to Control Bacterial Pathogens during Hydroponic, Aquaponic, and Soil Production of Fresh Produce.	USDA	\$109,572.00
Haslem, Fawzy	Evaluating the Food Safety Impacts of Cover Crop Grazing in Fresh Produce Systems to Improve Cover Crop Adoption	The Regents of the University of California	\$103,667.00
Kairo, Moses	The 1890 Universities Centre of Excellence for Global Food Security and Defense (CEGFSD)	NIFA	\$1,400,000.00
Kairo, Moses	Evans-Allen Research and Administration Projects	USDA	\$351,244.00
Kairo, Moses	1890 Scholarships for Students in the Food and Agricultural Science Disciplines at the University of Maryland Eastern Shore	National Institute of Food and Agriculture	\$21,052.63
Kairo, Moses	McIntire-Stennis (M-S) Cooperative Forestry Research Program	USDA/ NIFA	\$29,310.00
Kairo, Moses	1890 Scholarships for Students in the Food and Agricultural Science Disciplines at the University of Maryland Eastern Shore	National Institute of Food and Agriculture/USDA	\$500,000.00
Kairo, Moses	2022 RREA	USDA/NIFA	\$2,848.00
Karki, Lila	Increasing Efficiency and Decision-Making Capabilty of Small Socially Disadvantaged Minority Farmers (SARE)	University of Vermont	\$29,957.00
Marsh, Lurine	Using Experiential Learning Opportunities to Enhance Agricultural, Natural Resource	Delaware State University	\$43,462.00
Schwarz, Jurgen	1890 Centre of Excellence for Student Success and Workforce Development	North Carolina AT State University	\$35,000.00
Tubene, Stephan	Increasing the Supply of Trained Degree Recipients in the STEAM Disciplines with Readines for the Workforce	Delware State University	\$30,000.00
Tubene, Stephan	Current and Emerging Threats to Crops Innovation Lab (CETC IL)	Penn State	\$137,518.00
Tubene, Stephan	Building Capacity across 1890 Land-Grant Univerisities to Address Global Food Security and Enhance Student Learning and Community Engagement.	USDA	\$600,000.00

Zebelo, Simon	Empowering Small-scaled, limited-resource & other Farmers with IPM Knowledge	USDA	\$210,000.00
Zebelo, Simon	FMC New Investigator Award	FMC Agriculture Sciences Company	\$25,000.00
Zebelo, Simon	IR-4 Minor Crop Pest Management	USDA	\$850,473.00
Zebelo, Simon	Developing and Implementing Insect Pest, Disease and Weed Monitoring and Managing tactics on Hemp Production in Delmarva Region.	USDA/NIFA	\$600,000.00

**TOTAL** **\$5,676,834.63**

**EXTENSION DEPARTMENT**

<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
Escobar, Enrique	Ranch Commodities, Processes and Systems: A Live	1980 Universities Foundation	\$60,000.00
Karki, Lila B.	Increasing Efficiency and Decision-Making Capability of Small, Socially Disadvantaged, and Minority Farmers.	University of Vermont	\$29,957.00
Rogers, Berran	Breaking Down Barriers to Maryland Beginning Farmers Success: Growing Local Markets and Working Toward Urban and Peri-Urban Farm Land Tenure	USDA	\$105,840.00
Rogers, Berran	Reducing the Impact of SARS-Cov2 7 the latest Disruptions on the Local Food Chain in Minority Communities.	Delware State University	\$21,429.00
Zoumenou, Virginie	Assessing Vaccine Confidence Among Delmar People	USDA -NIFA	\$199,212.00
Zoumenou, Virginie	AMS Grant Application Process Evaluation: Assessing Barriers and Rebuilding Trust between BIPOC Farmers and USDA AMS Funding Program.	USDA- Agricultural Marketing Services	\$1,350,000.00
Zoumenou, Virginie	Expanded Food and Nutrition Education Program (EFNEP)	USDA	\$123,568.00
Zoumenou, Virginie	Well Connected Communities Initiative Wave 3	National 4H Council	\$40,000.00

**TOTAL** **\$1,930,006.00**

FOOD SCIENCE DEPARTMENT			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD

**TOTAL** **\$0.00**

HUMAN ECOLOGY DEPARTMENT			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Clinton-Scott, Bridgett E.	GAP Inc	GAP Incorporation	\$50,000.00
Long, Donna	American Rescue Plan Act of 2021 Child Care Stabilization Grant (Rd.2)	Maryland State Department of Education's Office Child Care	\$49,726.00
Namwamba, Grace	Design and Implementation of a Customized Internship Program for Workforce Experiences in Food & Agriculture	Tuskegee University	\$30,000.00
Satterlee, Donna	Child Care Career and Professional Development Fund Grant	Maryland State Department of Education	\$81,072.00

**TOTAL** **\$210,798.00**

NATURAL SCIENCE DEPARTMENT			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Chigbu, Paulinus	NOAA Cooperative Service Centre For Living Marine Resources-II	Gulf Maine Research Institute	\$18,405.00
Chigbu, Paulinus	NOAA Cooperative Service Centre For Living Marine Resources-II	NOAA	\$5,500,000.00
Chigbu, Paulinus	Student Airborne Science Activation For MSI (SaSa)	NASA	\$31,350.00
Chigbu, Paulinus	Partnership in Education Program	Woods Hole/ Sea Education Association	\$15,000.00
Chigbu, Paulinus	OC Dead End Canals Internship	Maryland Coastal Bays Programs	\$12,500.00
Cumming, Jonathan	UT-Battelle LLC Modification	Oak Ridge National Laboratory	\$34,000.00
Cumming, Jonathan	Building Awareness to Engage Americans	National Marine Sanctuary Foundation	\$2,600.00
May, Eric	Applying Machine Learning to Microbiome Analysis as a tool to improve poultry production	NIFA/USDA	\$734,745.00

Sauder, Deborah	UMES Jean Dreyfus Lectureship Award	The Camille and Hengry Drefus Foundation Incorporation	\$18,500.00
Stotts, Stephanie	Collaborative Research: Network Cluster: The Coastal Critical Zone Processes that transforms landscapes and fluxes between land and sea	University of Delaware	\$58,826.00
Volkis, Vicki	Project SEED 2022	American Chemical Society	\$1,950.00
Weaver, William	Collaborative Research: Teacher and Researchers Advancing Integrated Lesson in STEM (TRAILS) 2.0 SEI	Purdue University	\$70,860.00
Xia, Meng	Hydrodynamic Modeling to Support Estimates of Impact Of Placement Activities in Wolf Trap on Blue Crab	University of Maryland Centre for Environmental Science	\$50,000.00
Xia, Meng	Geosciences	NSF	\$100,000.00
<b>TOTAL</b>			<b>\$6,648,736.00</b>

## II. SCHOOL OF PHARMACY AND HEALTH PROFESSIONS

### EXERCISE SCIENCE DEPARTMENT

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
<b>TOTAL</b>			<b>\$0.00</b>

### PHARMACY DEPARTMENT

PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Dang, Yen	Overdose Prevention	Worcester County Health Department	\$12,000.00
Dang, Yen	Campus COVID-19 Vaccine Initiative (COVAC) 1	American College Health Associations	\$3,000.00
Dang, Yen	Campus COVID-19 Vaccine Initiative (COVAC) 2	American College Health Associations	\$2,200.00
Dang, Yen	Sexual Risk Avoidance Education Grant	Somerset County Health Department	\$3,000.00
Dang, Yen	SCALE for Families Grant PCA F196N	Somerset County Health Department	\$16,180.00
Dang, Yen	Community Health Resource Commission (CHRC)	Wicomico County Health Dept	\$16,600.00

Dang, Yen	Expansion of First Episode Phychosis	University of MD Baltimore Campus	\$8,750.00
DeBenedetto, Richard	Substance Abuse Education (MAC SOR) Subaward	University of Maryland, School of Medicine	\$19,751.78
Karara, Adel	(DDBRT) Program for Underserved Minority Youth	Department of Health and Human Service	\$54,000.00
Karara, Adel	(DDBRT) Program for Underserved Minority Youth	Department of Health and Human Service	\$266,665.00
Miriam Purnell	Faith and Campus	Interfaith Youth Core (IFYC)	\$2,000.00
Wang, Bi-Dar	Aberrant Splice Variants as Potential Precision Biomarkers for Agressive Prostate Cancers in African-American Patients	University of Maryland	\$387,500.00
Wang, Bi-Dar	Development of Next Generation Galeterone Analogs for Prostate Cancer Therapy	National Institute of Health	\$51,000.00
Wang, Bi-Dar	Consequences and Mechanisms of Aberrant Splicing in African American Prostate Cancer Disparitites	George Washington University	\$7,500.00

**TOTAL** **\$850,146.78**

<b>PHYSICAL THERAPY DEPARTMENT</b>			
<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
Maxwell, Tiffany	Kennedy Krieger Institute Tele-education Curriculum Grant	Kennedy Krieger Institute	\$30,114.00
Maxwell, Tiffany	BHIPP COVID Emergency Services-Crisis Services Consultation	Univeristy of Maryland	\$44,259.00
Maxwell, Tiffany	Assistance and Co-Location Expansion (BHIPP TACE)	Univeristy of Maryland	\$27,820.00

**TOTAL** **\$102,193.00**

<b>REHABILITATION SERVICES</b>			
<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
Santos, Leslie	Health	University of Maryland	\$58,420.00
Talley, William B.	Rehabilitation Long-Term Training Vocational Rehabilitation Counseling	US Department of Education	\$199,033.00

Ward-Sutton, Courtney	A National Delphi Survey of Barriers to the Participation of HBCU's and Small African American-Owned Technology Firms in Federal Assistive Technology Research And Development (AT-R&D) Enterprise	Langston University	\$6,000.00
Ward-Sutton, Courtney	(RRTC) that empowers minority entities to participate in R&D through Reserach Capacity Building.	Langston University	\$20,000.00

**TOTAL** **\$283,453.00**

THE BEHAVIORAL HEALTH ADMINISTRATION			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Ejiogu, Kingsley	Evidence Based Practice Needs Assessment (EBP)	Maryland Department of Health	\$44,999.35

**TOTAL** **\$44,999.35**

KINESIOLOGY			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Nastvogel, LaShawn	LIFT-up	Somerset County Health Department	\$15,000.00

**TOTAL** **\$15,000.00**

### III. SCHOOL OF THE ARTS AND PROFESSIONS

EDUCATION DEPARTMENT			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Goslee-Contee, Patricia	Exceptional Beginnings! Beginning Special Education Teacher Mentoring/Coaching Program	MSDE	\$65,000.00

Poole-Sykes, Kimberly	promising future for Teacher Diversity and Student Success.	U.S. Department of Education	\$1,815,181.00
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**TOTAL** **\$1,880,181.00**

**ENGLISH AND MODERN LANGUAGE DEPARTMENT**

<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
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**TOTAL** **\$0.00**

**FINE ARTS DEPARTMENT**

<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
Holt, Susan	Maryland State Arts Council Creativity Grant	Maryland State Arts Council	\$3,500.00
Holt, Susan	Community Development Grant	Somerset County Arts	\$3,000.00

**TOTAL** **\$6,500.00**

**SOCIAL SCIENCES DEPARTMENT**

<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
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**TOTAL** **\$0.00**

**IV. SCHOOL OF BUSINESS AND TECHNOLOGY**

**BUSINESS MANAGEMENT AND ACCOUNTING**

<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
Thomas-Banks, Leesa	CARE Act 2.0 Spend Plan Task 4,5 and 7	Department of Natural Resources	\$492,386.00

**TOTAL** **\$492,386.00**

**ENGINEERING AND AVIATION SCIENCES**



PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Jin, Yuanwei	NASA/JPL Trajectory Design Summer School and Activities	NASA/JPL	\$20,000.00
Jin, Yuanwei	Transforming Shellfish Farming with Smart Tech	Univeristy of Maryland	\$65,987.00
<b>TOTAL</b>			<b>\$85,987.00</b>

MATHEMATICS AND COMPUTER SCIENCE DEPARTMENT			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
<b>TOTAL</b>			<b>\$0.00</b>

TECHNOLOGY DEPARTMENT			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
<b>TOTAL</b>			<b>\$0.00</b>

**V. OTHER DEPARTMENTS**

ADMINISTRATIVE AFFAIRS			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Primus, Lester	Maryland Energy Administration	Delaware Department of Transportation	\$800,000.00
<b>TOTAL</b>			<b>\$800,000.00</b>

ATOD CENTER			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Wigfall, Laressa	MOAHP	Healthy Teen Network	\$25,000.00

Wigfall, Laressa	University of Maryland Eastern Shore (UMES) ATOD Centre	Maryland Department of Health	\$159,688.00
<b>TOTAL</b>			<b>\$184,688.00</b>

CENTER FOR TEACHING EXCELLENCE			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Hagenrater-Gooding, Amy	Adjunct Resource Development Project	POD Network	\$2,500.00
Barrett-Gaines, Kathryn	Engaging Community through Social Justice	Campus Compact Mid-Atlantic	\$2,500.00
<b>TOTAL</b>			<b>\$5,000.00</b>


HOTEL AND RESTAURANT MANAGEMENT			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
<b>TOTAL</b>			<b>\$0.00</b>

INSTITUTIONAL ADVANCEMENT			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Balcom, David	FY 2020 HBCU Grant	National Park Service	\$500,000.00
<b>TOTAL</b>			<b>\$500,000.00</b>

INTERNATIONAL PROGRAMS			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Acquah, Emmanuel	FD-X21	USAID	\$627,667.00
<b>TOTAL</b>			<b>\$627,667.00</b>

LIBRARY			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
		<b>TOTAL</b>	<b>\$0.00</b>

OFFICE OF DECISION SCIENCE AND VISUALIZATION			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Wiggins, Urbin	Western and South Africa Regional Transportation Database for International Agricultural Trade	United States Department of Agriculture/ Foreign Agricultural	\$74,049.00
		<b>TOTAL</b>	<b>\$74,049.00</b>

OFFICE OF INSTITUTIONAL EQUITY AND COMPLIANCE			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Casares, Jason	PHPA-1643 "Its the Consent for Me" Sexual Violence Prevention Project	Maryland Department of Health	\$50,000.00
		<b>TOTAL</b>	<b>\$50,000.00</b>

OFFICE OF RESEARCH			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD
Harris, LaKeisha	Inheritance Baltimore	Johns Hopkins	\$16,200.00
		<b>TOTAL</b>	<b>\$16,200.00</b>

TITLE III INSTITUTIONAL SUPPORT PROGRAM			
PROJECT LEADER	PROJECT TITLE	SPONSOR	AMOUNT OF AWARD

**TOTAL** **\$0.00**

<b>UPWARD BOUND</b>			
<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
Gale, Nicole	Upward Bound	U.S Department of Education	\$531,595.00

**TOTAL** **\$531,595.00**

<b>WESM RADIO STATION</b>			
<b>PROJECT LEADER</b>	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
Weston, Gerald	FY 2022 Community Service Grant	Corporation for Public Broadcasting	\$185,155.00

**TOTAL** **\$185,155.00**

<b>COVID FUNDING/CARES ACT (Per USM, to be reported seperately of the FY awards)</b>			
	<b>PROJECT TITLE</b>	<b>SPONSOR</b>	<b>AMOUNT OF AWARD</b>
Primus, Lester	Education Stabilization Fund	Title VIII Coronavirus Aid, Relief, And Economic Secuirty Act	\$17,217,485.00
Primus, Lester	Lab Funds for Dr. K. Fotouhi	FY22 Covid Impact Proposals	\$147,203.00

**TOTAL** **\$17,364,688.00**

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**GRAND TOTAL FOR ALL GRANTS AND COTRACTS**

**TOTAL** **\$21,201,574.76**

**Total combined with Covid/Cares funding**

**\$38,566,262.76**





