

FY 2020 Proposals Received  
 as of June 2020

PI	Project Title	Sponsor/ Contractor/ Subcontractor	Budget Period Start Date	Budget Period End Date	Budget Period Budget	Project Start Date	Project End Date	Total Project Budget
<b>College of Arts and Sciences</b>					<b>\$ 18,072,760</b>			<b>\$ 51,156,513</b>
Abernathy, Shawn M.	U-RISE at Howard University	National Institutes of Health	6/1/2021	5/31/2022	\$ 290,003	6/1/2021	5/31/2026	\$ 1,450,015
Adams, Terri M.	A Coastal Alliance Network for Visualization, Assessment, Science, and Stakeholders (CANVASS) for Convergent Environmental Problem Solving	Stony Brook University pass thru from National Science Foundation	9/1/2020	8/31/2021	\$ 95,495	9/1/2020	8/31/2025	\$ 429,135
Adams, Terri M.	Building Extreme Weather Resiliency Through Improved Weather and Climate Prediction and Public Response Strategies	University of Albany pass thru from National Science Foundation	1/29/2020	8/31/2021	\$ 111,643	10/3/2016	8/31/2021	\$ 555,143
Adams, Terri M.	DOJ Intervention and Civilian Oversight on Police	DOJ - Office of Justice Programs	1/1/2020	12/31/2020	\$ 206,856	1/1/2020	12/31/2020	\$ 206,856
Alfred, Marcus	Interstellar Mapping and Acceleration Probe (IMAP) Student Collaboration	University of New Hampshire pass thru from National Aeronautics and Space Administration	4/1/2020	3/31/2021	\$ 210,256	4/1/2020	4/30/2025	\$ 1,341,290
Alfred, Marcus	The 2017-2018 HU Student Space Services and Operations Project: REVISED	American University pass thru from National Aeronautics and Space Administration	8/15/2018	8/14/2019	\$ 9,060	8/15/2017	8/14/2019	\$ 9,060
Allen, Anna K.	Uncovering Novel Mechanisms of the CELF/Bruno Protein ETR-1 in Apoptosis	National Institutes of Health	9/1/2020	8/31/2021	\$ 279,240	9/1/2020	8/31/2023	\$ 845,783
Barden, J. Luther	Hiding Out or Out in the Open: Gratitude to God as a Social Norm	Riola University pass thru from John Templeton Foundation	9/1/2020	11/30/2022	\$ 124,937	9/1/2020	11/3/2022	\$ 12,437
Boykin, A. Wade	OSSE Community School Project	DC Government	10/1/2019	9/30/2020	\$ 300,000	10/1/2019	9/30/2020	\$ 300,000
Burke, Janelle M.	Investigating Alpine Plant Evolution with Specimen Data	Council for International Exchange of Scholars	10/1/2020	1/31/2021	\$ -	10/1/2020	1/31/2020	\$ -
Camara, Mohamed	Interfaith Dialogue and Peacebuilding in West Africa	University of New Hampshire Center for the Humanities pass thru from Andrew W. Mellon Foundation	1/10/2020	6/30/2020	\$ 5,000	10/1/2019	6/30/2020	\$ 5,000
Campbell, Michael	Graduate Research Fellowships Program: New Insights into the Genetic Basis and Evolutionary History of Lactase Persistence in Milk-dependent Populations from Saudi Arabia	National Science Foundation	6/1/2020	5/31/2021	\$ 164,832	6/1/2020	5/31/2022	\$ 391,472
Campbell, Michael	New Insights Into the Origins of Genomic and Phenotypic Diversity of Human Populations in the Arabian Peninsula	National Science Foundation	6/1/2020	5/31/2021	\$ 39,996	6/1/2020	5/31/2023	\$ 293,815
Campbell, Michael	Targeted Infusion Project: Inspiring, Engaging and Retaining Underrepresented Students in Computing Research and the Emerging Field of Data Science	National Science Foundation	8/1/2020	7/31/2021	\$ 164,832	8/1/2020	7/31/2023	\$ 391,472
Campbell, Michael	The Genetic Basis and Evolutionary History of Skin Pigmentation Variation in African and African American Populations	National Science Foundation	6/1/2020	5/31/2021	\$ 68,756	6/1/2020	5/31/2025	\$ 839,551
Campbell, Michael	Understanding the Genomic Basis and Evolutionary of Lactase Persistence in Pastoralist Populations From Saudi Arabia	National Science Foundation	7/1/2020	6/30/2021	\$ 117,853	7/1/2020	6/30/2023	\$ 524,426
Carmichael, Jacqueline L.	Community Revitalization to Build Equity and Community	National Endowment for the Humanities	5/1/2021	12/31/2021	\$ 40,000	5/1/2021	12/31/2021	\$ 40,000

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Cham, Mbye A. B.	National Resource Center and Foreign Language and Area Studies Fellowships (FLAS)	U.S. Department of Education	8/15/2019	8/14/2020	\$ 288,000	8/15/2014	8/14/2018	\$ 930,000
Cham, Mbye A. B.	National Resource Center and Foreign Language and Area Studies Fellowships (FLAS)	U.S. Department of Education			\$ 225,500	8/15/2018	8/14/2022	\$ 902,000
Chowdhury, Sugata	Proposal on Room Temperature Skyrmions in Two-Dimensional Atomic Layer Magnets	National Science Foundation	7/1/2020	6/30/2021	\$ 58,200	7/1/2020	6/30/2023	\$ 174,600
Clayborne, Andre Z.	A Comparative Study on the Efficiency of Nickel Based Catalysts for Urea Oxidation	National Science Foundation	4/1/2020	3/31/2021	\$ 46,000	4/1/2020	3/31/2023	\$ 138,000
Clayborne, Andre Z.	Atomically Precise Nanocluster Quantum Materials for Carbon Capture and Conversion Using Multiscale Simulations and Quantum Computing	U.S. Department of Energy	9/1/2020	8/31/2021	\$ 260,664	9/1/2020	8/31/2023	\$ 797,897
Clayborne, Andre Z.	CDS&E: Predictive Discovery of Porphyrin Materials and their Response Properties using Smart Object-based Machine Learning	National Science Foundation	9/1/2020	8/31/2021	\$ 225,781	9/1/2020	8/31/2023	\$ 784,971
Clayborne, Andre Z.	Excellence in Research: Towards a Smart Object-Oriented Program for the Development of Molecular Based Materials	National Science Foundation	9/1/2020	8/31/2021	\$ 141,570	9/1/2020	8/31/2023	\$ 662,570
Clayborne, Andre Z.	Predictive Design of DNA Nanotechnology Through Machine Learning	National Science Foundation	4/1/2020	3/31/2021	\$ 46,000	4/1/2020	3/31/2023	\$ 138,000
Coley, Joel B.	Probing The Radiative Losses In The High-Mass Gamma-Ray Binary PSR B1259-63 With TESS, Swift And Fermi	National Aeronautics and Space Administration	7/1/2020	6/30/2021	\$ 40,000	7/1/2020	6/30/2021	\$ 40,000
Cummings, Steven P.	Excellence in Research: Extension of NHC Capabilities via Directly Bound Carborane	National Science Foundation	9/1/2020	8/31/2021	\$ 211,084	9/1/2020	8/31/2023	\$ 498,184
Cummings, Steven P.	Increasing Nucleophilicity of the Amidinate and Aminopyridinate Platforms via Boron Fused Carborane	ACS - Petroleum Research Fund	9/1/2020	8/31/2021	\$ 82,080	9/1/2020	8/31/2022	\$ 110,000
Daniels, Gerald E.	UC Davis Summer Poverty Research Engagement Experience (UCD-SPREE)	University of California, Davis pass thru from National Science Foundation	7/1/2019	6/30/2020	\$ 10,000	7/1/2001	6/30/2020	\$ 10,000
Del Sol, Marina	Writing, Teaching, and Digital Literacy Institute for Howard University's Writing Faculty	National Endowment for the Humanities	6/15/2020	12/31/2020	\$ 88,526	6/15/2020	12/31/2020	\$ 88,526
Dev, Pratibha	Collaborative Research: CD and E: Accelerating 2D Materials Discovery for Energy Storage Applications via Artificial Intelligence	National Science Foundation	5/1/2020	4/30/2021	\$ 152,616	5/1/2020	4/30/2023	\$ 400,369
Dev, Pratibha	Collaborative Research: CDS&E: Accelerating 2D Materials Discovery for Energy Storage Applications via Artificial Intelligence	National Science Foundation	5/1/2020	4/30/2021	\$ 155,766	5/1/2020	4/30/2023	\$ 410,055
Dev, Pratibha	Excellence in Research (EIR): Doping Cubic Boron Nitride, an Extreme Material for Power Electronics and Radiation Detection	Morgan State University pass thru from National Science Foundation	9/1/2019	8/31/2020	\$ 84,294	9/1/2018	8/31/2021	\$ 252,924
Dev, Pratibha	UC Santa Barbara - Howard Center of Excellence in Quantum Science	University of California, Santa Barbara pass thru from U.S. Department of Defense	10/1/2020	9/30/2021	\$ 139,999	10/1/2020	9/30/2025	\$ 660,133
Duttaroy, Atanu	Advancing Diversity in Aging Research Through Development of Minority Gerontologists	NIH - National Institute on Aging	12/1/2020	11/30/2021	\$ 370,443	12/1/2020	11/30/2025	\$ 1,850,872

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Edgar, Robert R.	The Man in the Iron Lung: The Life of Christopher Gell	National Endowment for the Humanities	1/1/2021	10/31/2021	\$ 50,000	1/1/2021	10/31/2021	\$ 50,000
Eron, Abby	Howard University Gallery of Art COVID-19 Response: African American Collection Online Discovery and Accessibility Learning Initiative	Institute of Museum and Library Services	9/1/2020	8/31/2021	\$ 148,821	9/1/2020	8/31/2022	\$ 175,641
Farina, Stacy C.	NSF HBCU-UP Research Initiation Award: Evolution and Biomechanics of Multifunctional Structures	National Science Foundation	4/1/2020	3/31/2023	\$ 299,378	4/1/2020	3/31/2023	\$ 299,378
Farina, Stacy C.	NSF Major Research Instrumentation: High Energy Desktop Micro-CT Scanner for Organismal Biology Research at Howard University	National Science Foundation	9/1/2020	8/31/2021	\$ 289,013	9/1/2020	8/31/2023	\$ 340,962
Grooms, Jevay	Investigating the Co-occurrence of Substance Use Disorder and Mental Health across Race, Ethnicity, and Gender: A Retrospective Look at the 1996 Federal Disability Changes	UW Center for Financial Security (CFS) pass thru from SSA - Retirement and Disability Research Consortium (RDRC) Center	10/1/2020	9/30/2021	\$ 149,316	10/1/2020	9/30/2021	\$ 149,316
Grooms, Jevay	The Co-occurrence of Substance Use Disorder and Mental Health Across Race, Ethnicity and Gender	Russell Sage Foundation	8/1/2020	7/31/2021	\$ 29,953	8/1/2020	7/31/2021	\$ 29,953
Guchhait, Samaresh	Acquisition of a Physical Property Measurement System to Study Quantum, Magnetic and Functional Materials and Quantum Devices	U.S. Department of Defense	2/1/2021	1/31/2022	\$ 635,580	2/1/2021	1/31/2022	\$ 635,580
Guchhait, Samaresh	Excellence in Research: Mesoscale Spin Glass: A Laboratory for the Study of Cooperative Phase Transitions	National Science Foundation	7/1/2020	6/30/2021	\$ 136,210	7/1/2020	6/30/2023	\$ 425,777
Guchhait, Samaresh	MRI: Acquisition of a Physical Property Measurement System to Study Quantum, Magnetic and Functional Materials and Quantum Devices	National Science Foundation	9/1/2020	8/31/2021	\$ 329,735	9/1/2020	8/31/2023	\$ 329,735
Gurski, Katharine F.	Excellence in Research: Mathematical Analysis of the Prevention of HIV with PrEP and HAART Treatment	National Science Foundation	9/1/2020	8/31/2022	\$ -	9/1/2020	8/31/2023	\$ 497,437
Gurski, Katharine F.	Exploring Mathematical Epidemiology with A Simple Within-Host HIV Model for Emerging Drug Resistance	Center for Undergraduate Research in Mathematics pass thru from National Science Foundation	5/15/2020	5/14/2021	\$ 5,250	5/15/2020	5/14/2021	\$ 11,250
Gurski, Katharine F.	Modeling the Impact of Transient and Permanent Aquatic Habitats on Mosquito Ecology and Malaria Transmission Dynamics in Relation to Socio-economic Status	National Science Foundation	7/1/2020	6/30/2021	\$ 42,036	7/1/2020	6/30/2025	\$ 253,233
Henke, Alexander	Does Daylight Savings Time Increase Intimate Partner Violence?	Russell Sage Foundation	8/1/2020	7/31/2021	\$ 30,000	8/1/2020	7/31/2021	\$ 30,000
Hira, Ronil	The Information Technology Labor Market: Segmentation, Fissures, and the Policy Constraints on "Good Job" Creation	Washington Center for Equitable Growth	7/1/2020	6/30/2021	\$ 60,188	7/1/2020	8/31/2021	\$ 96,955
Hsu, Lin-Chi	Do Ethnic Enclaves Protect Women from Intimate Partner Violence?	Russell Sage Foundation	8/1/2020	7/31/2021	\$ 30,000	8/1/2020	7/31/2021	\$ 30,000
Ichoku, Charles	A Network of Continuously Operating DIAL Water Vapor and Aerosol Lidar for Planetary Boundary Layer Studies	U.S. Department of Defense	2/1/2021	1/31/2022	\$ 850,000	2/1/2021	1/31/2024	\$ 850,000
Ichoku, Charles	Advancing Machine Learning Application for Wildfires: Predicting Burn Area and Uncertainty over the Continental US Using GOES-16/17	National Aeronautics and Space Administration	5/1/2020	4/30/2021	\$ 34,554	5/1/2020	4/30/2023	\$ 103,662
Ichoku, Charles	HIFIRE: High-resolution Instrumentation for Fire Infrared Radiant Energetics	National Aeronautics and Space Administration	1/1/2020	12/31/2020	\$ 1,518,461	1/1/2020	12/31/2022	\$ 4,498,906

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Ichoku, Charles	NASA Student Airborne Science Activation for Minority-Serving Institutions (SaSa/MSI)	NASA - Universities Space Research Association (USRA)	1/1/2021	12/31/2021	\$ 164,581	1/1/2021	12/31/2026	\$ 822,904
Ichoku, Charles	SITs: Sensing Soils Under Fire (SenSu-F): Physical and Chemical Characterization of Burning Fields Using IoT Sensors	University of Missouri Kansas City pass thru from National Science Foundation	1/1/2021	12/31/2021	\$ 105,735	1/1/2021	12/31/2023	\$ 322,205
Jacob, Eliseo	Afro-Brazilian Research Institute - Digital Initiative Project	National Endowment for the Humanities	6/15/2002	12/31/2020	\$ 220,914	6/15/2020	12/31/2020	\$ 220,914
Jacob, Eliseo	Literary Counterpublics in the Americas: Race, Space, and Citizenship in Sao Paulo and New York	National Endowment for the Humanities	1/1/2021	5/31/2021	\$ 40,000	1/1/2021	8/15/2021	\$ 40,000
Johnson, Krista M.	Theorizing Racial Segregation and Imperialism in South Africa: The Travel Notes of Two African American Scholars - Ralph Bunche and Merze Tate	University of Maryland-Baltimore County pass thru from Andrew W. Mellon Foundation	8/17/2020	12/8/2020	\$ 24,998	8/17/2020	12/8/2020	\$ 24,998
Kang, Yeona	Altered Network Integrity Underlying Executive Attention Impairments Following Traumatic Brain Injury	Cornell University pass thru from National Institutes of Health	4/1/2021	3/31/2022	\$ 34,953	4/1/2021	3/31/2026	\$ 174,765
Kang, Yeona	The Role of Blood Brain Barrier Permeability in Imaging Neuroinflammation with PET	National Institutes of Health	7/1/2020	6/30/2021	\$ 182,109	7/1/2020	6/30/2022	\$ 356,226
Kim, Sung J.	A Strategy to Treat M. Abscessus Infections	Johns Hopkins University pass thru from National Institutes of Health	2/1/2020	1/31/2021	\$ 38,625	2/1/2020	1/31/2021	\$ 38,625
Kim, Sung J.	Microbiome and Host Mechanisms Fostering Gram-Negative AMR	Johns Hopkins University pass thru from U.S. Department of Health and Human Services	3/1/2021	2/28/2022	\$ 92,700	3/1/2021	2/28/2025	\$ 4,635
King, Eleanor M.	Collaborative Research: Exploration of Maya Marketplaces in the Three Rivers Region of Northwestern Belize	National Science Foundation	4/1/2021	3/31/2022	\$ 200,871	4/1/2021	3/31/2022	\$ 200,871
Kurban, Haydar	Collaborative Project: EIR: Modeling Central-Carbon Metabolism in Photosynthetic Unicellular Algae: Carbon Flux Analysis by Combined NMR and Mass Spectrometry	University of Wisconsin - Madison pass thru from U.S. Social Security Administration	2/1/2020	6/30/2020	\$ 22,999	2/1/2020	6/30/2020	\$ 22,999
Kurban, Haydar	Institute for Research on Poverty Partnership	University of Wisconsin - Madison pass thru from U.S. Department of Health and Human Services	9/30/2019	9/29/2020	\$ 94,740	9/30/2019	9/29/2020	\$ 94,740
Kurban, Haydar	University of Wisconsin Junior Faculty Training Program	University of Wisconsin - Madison pass thru from U.S. Social Security Administration	2/1/2020	6/30/2020	\$ 22,999	2/1/2020	6/30/2020	\$ 22,999
Lugo de Fabritz, Brunilda A.	Center for Slavic Studies in NRC	OSU - Center for Slavic and East European Studies pass thru from U.S. Department of Education	8/8/2019	5/10/2020	\$ 2,361	8/8/2018	6/1/2022	\$ 4,861
Lugo de Fabritz, Brunilda A.	National Resource Centers Program and Foreign Language and Area Studies Fellowship Program	University of California at Berkeley pass thru from U.S. Department of Education	8/15/2020	8/14/2021	\$ 13,333	8/15/2019	8/14/2023	\$ 40,000
Lugo de Fabritz, Brunilda A.	Post-Colonial and Post-Racial: African-American, Latin American, and Russian Cultural Relations	National Endowment for the Humanities	1/1/2021	8/1/2021	\$ 27,500	1/1/2021	8/1/2021	\$ 27,500
Mahmood, Mohammad F.	Theoretical and Numerical Analysis of Optical Pulse Propagation and Light Interaction with Nonlinear Materials	National Science Foundation	4/10/2020	4/9/2021	\$ 157,801	4/10/2020	4/9/2023	\$ 475,061
Mahmood, Mohammad F.	Fast Chemical Transformations in Energetic Materials Under Conditions of High Pressure, Temperature and Strain Rates	Army - Army Research Office	6/1/2020	5/31/2021	\$ 229,914	6/1/2019	5/31/2022	\$ 689,952

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Mahmood, Mohammad F.	High Pressure Synthesis and Recovery of Polynitrides	National Science Foundation	4/10/2020	4/9/2021	\$ 165,427	4/10/2020	4/9/2023	\$ 497,942
Mahmood, Mohammad F.	Thermal Transport Properties of Lower Mantle Minerals Studied by Fast Pulsed Laser and Optical Spectroscopy Techniques	National Science Foundation	4/10/2020	4/9/2021	\$ 133,018	4/10/2020	4/9/2023	\$ 400,714
Mawi, Henok Z.	Excellence in Research: Freeform Refractive Surfaces in Geometric Optics	National Science Foundation	9/1/2020	8/31/2021	\$ 129,081	9/1/2020	8/31/2023	\$ 451,861
Misra, Prabhakar	Collaborative Research-Excellence in Research: Investigation of Opto-Electrical Properties of Nanostructures in Low-Dimensional Systems Through Research and Educational Partnership Between Howard University and North Carolina Central University	National Science Foundation	5/16/2020	5/15/2021	\$ 171,261	5/16/2020	5/15/2023	\$ 500,000
Misra, Prabhakar	Laser Raman and Thermogravimetric (TGA)-FTIR Spectroscopy of Organic Precursors and Simulants at Elevated Temperatures of Relevance to DTRA as part of a Collab	Rensselaer Polytechnic Institute (RPI) pass thru from Defense Threat Reduction Agency (DTRA)	6/1/2020	5/31/2021	\$ 198,994	6/1/2020	5/31/2025	\$ 996,812
Misra, Prabhakar	Neural Network Algorithms for Geospatial Data Acquisition and Mapping of Threat Detection	National Science Foundation	8/1/2020	7/31/2021	\$ 300,000	8/1/2020	7/31/2021	\$ 300,000
Muaka, Leonard	World Languages and Cultures Through a Digital Platform	National Endowment for the Humanities	6/15/2020	12/31/2020	\$ 299,122	6/15/2020	12/31/2020	\$ 299,122
Ndiaye, Cheikh B.	Barycenter Technique and Yamabe Type Problems	National Science Foundation	7/1/2020	6/30/2021	\$ 165,728	7/1/2020	6/30/2025	\$ 466,847
Ndiaye, Cheikh B.	Excellence in Research: Morse Theory and Algebraic Topological Methods for Curvature Type Equations	National Science Foundation	7/1/2020	6/30/2021	\$ 168,728	7/1/2020	6/30/2023	\$ 467,978
Oh, Elisa J.	Choreographies of Race and Gender: Dance, Travel, and Ritual in Early Modern English Literature 1558-1668	National Endowment for the Humanities	8/1/2021	7/31/2022	\$ 59,999	8/1/2021	7/31/2022	\$ 59,999
Omolola, Bayo R.	Summer Intensive Advanced Yoruba Language GPA Course in Nigeria	U.S. Department of Education	6/15/2020	6/15/2021	\$ 96,934	6/15/2020	6/15/2022	\$ 192,788
Perkins, Tracy	Digital Ward Valley and the Fight to Protect Tribal Lands	University of Maryland - Baltimore County pass thru from Andrew W. Mellon Foundation	8/15/2019	12/15/2019	\$ 26,250	8/15/2019	12/15/2019	\$ 26,250
Perkins, Tracy	Saving Ward Valley	University of New Hampshire Center for the Humanities pass thru from Andrew W. Mellon Foundation	9/15/2019	9/14/2020	\$ 5,000	9/15/2019	9/14/2020	\$ 5,000
Perry, Ravi K	Integrated Digital Projections and Democratic Knowledge in Black Urban Communities in Washington, D.C.	Knight Foundation	9/1/2020	8/31/2021	\$ 301,822	9/1/2020	8/31/2021	\$ 301,822
Pritchett, Dominique L.	Distinguishing Cognitive Neural Substrates of Post-Exertional Malaise in Gulf War Illness and Chronic Fatigue Syndrome	Georgetown University pass thru from National Science Foundation	2/1/2020	1/31/2021	\$ 15,000	2/1/2020	1/31/2023	\$ 45,000
Pritchett, Dominique L.	Investigating the Role of Purkinje Cell aut"LTD Hypothesis" (LTD – Long Term Depression)-Inhibition in the Generation of the Pause Response During Cerebellar-Dependent Learning	National Institutes of Health	1/1/2021	12/31/2021	\$ 154,500	1/1/2021	12/31/2023	\$ 163,500
Ramadhar, Timothy R.	A High-Brilliance X-Ray Diffractometer for Fundamental Materials and Catalysis Research and Education at Howard University	DOD - Army Research Office	2/1/2021	1/31/2022	\$ 542,723	2/1/2021	1/31/2022	\$ 542,723
Searles, Thomas A.	Co-Design Center for Quantum Advantage (C2QA)	Brookhaven National Laboratory pass thru from U.S. Department of Energy	9/30/2020	9/25/2021	\$ 100,000	9/30/2020	9/25/2025	\$ 500,000

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Searles, Thomas A.	Columbia MRSEC Renewal for Center for Precision Assembly of Superstratic and Superatomic Solids	National Science Foundation	10/1/2020	9/30/2021	\$ 126,698	10/1/2020	9/30/2026	\$ 811,572
Searles, Thomas A.	Exploring Light-matter Interaction in Periodic Photonic Bandgap Materials Based on Sorted, Aligned Carbon Nanotube Films	U.S. Department of Energy	10/1/2020	9/30/2011	\$ 195,505	10/1/2020	9/30/2025	\$ 750,141
Searles, Thomas A.	NSF RAPID: Understand and Mitigating the Effects of University Closures due to COVID-19 on Black Students in Physics at the Bachelors Level	Rowan University pass thru from National Science Foundation	7/1/2020	6/30/2021	\$ 20,885	7/1/2020	6/3/2021	\$ 20,885
Searles, Thomas A.	Optical Control of Polarization Conversion, Orbital Angular Momenta and High Harmonic Generation in Terahertz Metamaterials	Office of Naval Research	7/1/2020	6/30/2021	\$ 149,865	7/1/2020	6/30/2023	\$ 449,594
Searles, Thomas A.	UCSB Howard DoD Center of Excellence in Quantum Science	U.S. Department of Defense	10/1/2020	9/30/2021	\$ 139,928	10/1/2020	9/30/2025	\$ 699,643
Seltzer, Richard	APSA Doctoral Dissertation Research Improvement Grant Project Description and Research Plan	American Political Science Association	1/1/2021	12/31/2021	\$ 14,968	1/1/2021	12/31/2021	\$ 14,968
Shanklin, Tanya R.	Affordable Housing: Barry Farm Phase I	ASID Foundation	10/1/2019	6/30/2020	\$ 10,000	10/1/2019	6/30/2020	\$ 10,000
Sloan, Lloyd R.	NAEP/ETS-Howard University Summer Evaluation Institute and Collaborative	Educational Testing Service	12/13/2019	6/30/2020	\$ 104,112	12/13/2019	6/30/2024	\$ 348,300
Smythe, Andria C.	Recessions During Young-Adulthood and Racial Income Inequality	Russell Sage Foundation	5/1/2020	4/30/2021	\$ 30,000	5/1/2020	4/30/2021	\$ 30,000
Smythe, Andria C.	Recessions During Young-Adulthood and Racial Income Inequality	Washington Center for Equitable Growth	9/30/2020	9/29/2021	\$ 20,000	9/30/2020	9/29/2021	\$ 20,000
Spriggs, William E.	Labor Economics Research	American Federation of Labor - Congress of Industrial Organizations (AFL-CIO)	8/16/2019	8/15/2020	\$ 194,503	8/16/2017	8/15/2020	\$ 958,940
Spriggs, William E.	Tracking Real Time Work Activity and COVID Cases to Understand Racial Disparities in COVID	Social Science Research Council pass thru from Henry Luce Foundation	7/1/2020	10/31/2020	\$ 5,000	7/1/2020	10/31/2020	\$ 5,000
Taylor, Nikki	Freedom on The Move	Cornell University pass thru from National Endowment for the Humanities	7/1/2021	6/30/2022	\$ 12,500	7/1/2021	6/30/2026	\$ 66,363
Teng, Shaolei	Excellence in Research: Analysis of Rare Mutations and Post-translational Modifications in Peroxidases	National Science Foundation	10/1/2020	9/30/2021	\$ 199,603	10/1/2020	9/30/2023	\$ 499,348
Teng, Shaolei	Targeting SARS-CoV-2 Spike Protein by ACE2- and TMPRSS2-derived Peptides Against COVID-19	National Institutes of Health	10/1/2020	9/30/2021	\$ 746,164	10/1/2020	9/30/2025	\$ 3,776,879
Thomas, Michael A.	DDR Improved Adenovirus-based HIV Vaccine	National Institutes of Health	4/1/2020	3/30/2021	\$ 332,132	4/1/2020	3/30/2024	\$ 1,356,431
Thomas, Michael A.	DNA Damage Response (DDR) Improved Oncolytic Ad	National Institutes of Health	7/1/2020	6/30/2021	\$ 359,381	7/1/2020	6/30/2025	\$ 1,843,176
Toni, Bourama	Computational Methods for Information Measurements involving Generalized and Weighted Gaussian and Non-Gaussian Data	DoD - Office of Naval Research	7/1/2020	6/30/2021	\$ 158,997	7/1/2020	6/30/2023	\$ 449,999

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Toni, Bourama	Undergraduate Navy STEM Career Preparedness (NSCP)	Brown University pass thru from Office of Naval Research	6/1/2020	5/31/211	\$ 55,863	6/1/2020	5/31/2023	\$ 167,588
Wang, Xingting	Poisson Geometry in Noncommutative Algebra and Its Applications	National Science Foundation	9/3/2019	5/31/2020	\$ 92,672	6/1/2020	5/31/2023	\$ 278,016
Wang, Xingting	Poisson Geometry in Noncommutative Algebra and Its Applications	National Science Foundation	10/14/2019	8/31/2020	\$ 8,400	9/1/2020	8/31/2025	\$ 42,000
Wang, Xingting	Quantum Symmetries: Fusion Rules, Braids and Indicators	Simons Foundation	9/1/2020	8/31/2021	\$ 8,400	9/1/2020	8/31/2025	\$ 42,000
Washington, Talitha M.	IPA Assignment	National Science Foundation	8/14/2019	8/13/2020	\$ 136,851	8/14/2017	8/13/2020	\$ 405,288
Watson, Rachel K.	Material as Evidence: Crime and Identity in American Literature, 1894-1968	National Humanities Center	9/8/2020	5/28/2021	\$ 80,000	9/8/2020	5/28/2021	\$ 80,000
Williams, Dana A.	"The Pieces That I Am": The Toni Morrison Society at 25	National Endowment for the Humanities	2/1/2020	1/31/2021	\$ 100,000	2/1/2020	1/31/2021	\$ 100,000
Williams, Dana A.	AGEP Transformation Alliance: (HHMS-AGEP): Testing a Sequential and Cognitive-Apprentice Base Model Employing Community Colleges as a Teaching and Learning Platform to Increase the Number of URM Faculty	National Science Foundation	10/1/2020	9/30/2021	\$ 350,866	10/1/2020	9/30/2025	\$ 1,979,458
Williams, Jennifer D.	Inmate Cities: Black Women's Literature and Urban Segregation	National Humanities Center	8/1/2019	7/31/2020	\$ 55,000	8/1/2018	5/22/2020	\$ 55,000
Xiong, Tingting	Excellence in Research (EIR): Towards A Smart Object-Oriented Program for the Development of Molecular Based Materials	National Science Foundation	9/1/2020	8/31/2021	\$ 141,570	9/1/2020	8/31/2023	\$ 662,570
Yakubu, Abdul-Aziz	CompSustNet: Expanding the Horizons of Computational Sustainability	Cornell University pass thru from National Science Foundation	11/30/2019	11/30/2020	\$ 18,400	12/15/2015	11/30/2020	\$ 138,400
<b>College of Dentistry</b>					<b>\$ 3,849,029</b>			<b>\$ 11,709,451</b>
Grant-Mills, Donna	Summer Health Professions Education Program (SHPEP)	Robert Wood Johnson Foundation (RWJF)	10/1/2019	9/30/2020	\$ 330,000	10/1/2019	9/30/2020	\$ 268,977
Gu, Xinbin	Howard University Summer Research Experience Program in Oral Health Disparity for Underrepresented Racial and Ethnic Students	NIH - National Institute of Dental and Craniofacial Research (NIDCR)	1/1/2020	12/31/2020	\$ 47,397	1/1/2015	12/31/2020	\$ 264,553
Gu, Xinbin	Novel, High-Impact Studies Evaluating HBCU Dental Health System and Dental Healthcare Professional Responsiveness to COVID-19	Agency for Healthcare Research and Quality (AHRO) pass thru from National Institutes of Health	9/30/2020	9/29/2021	\$ 500,000	9/30/2020	9/29/2022	\$ 1,000,000
Jackson, Andrea, D.	Howard University College of Dentistry Scholarships for Disadvantaged Students	DHHS - Health Resources and Services Administration	7/1/2020	6/30/2021	\$ 650,000	7/1/2020	6/30/2025	\$ 3,250,000
Laurence, Brian E.	Machine Learning to Provide Guidance and Directives for Dental Practice Pandemic Preparedness	Georgetown University pass thru from National Institutes of Health	9/1/2020	8/31/2021	\$ 21,939	9/1/2020	8/31/2022	\$ 49,158
Lin, Xionghao	Host Factors Targeted by a Novel Tat-Mediated HIV-1 Transcription Inhibitor	UCSF - HARC Center pass thru from National Institutes of Health	9/1/2020	8/31/2021	\$ 120,000	9/1/2020	8/31/2021	\$ 120,000

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Lin, Xionghao	RACK1: A Novel Potential Target for the Prevention of Tat-Mediated HIV-1 Transactivation	NIH - National Institute of Allergy and Infectious Diseases	12/1/2020	11/30/2021	\$ 231,750	12/1/2020	11/30/2022	\$ 424,875
Lin, Xionghao	Revealing the Molecular Mechanism of a Novel Dual Inhibitor of HIV and Oral Squamous Cell Carcinoma Using Proteomics	NIH - National Institute of Dental and Craniofacial Research	7/1/2020	6/30/2021	\$ 154,500	7/1/2020	6/30/2022	\$ 309,000
Lin, Xionghao	The Molecular Mechanism and Metabolism of a Novel Dual Inhibitor of HIV and Oral Squamous Cell Carcinoma	NIH - National Institute of Dental and Craniofacial Research	12/1/2020	11/30/2021	\$ 154,000	12/1/2020	11/30/2022	\$ 309,000
Mitchell, Candace E.	Human Care Agreement- Oral Health Program	DC Department of Health	3/1/2019	2/28/2020	\$ 50,000	3/1/2017	2/28/2021	\$ 150,000
Thomas, George P.	Dental Faculty Loan Repayment Program	Health Resources and Services Administration (HRSA)	9/1/2019	8/31/2020	\$ 171,619	9/1/2017	8/31/2022	\$ 185,349
Thomas, George P.	Howard University Pediatric Dental Faculty Loan Repayment Program	Health Resources and Services Administration (HRSA)	9/1/2018	8/31/2019	\$ 171,619	9/1/2017	8/31/2022	\$ 185,349
Thomas, George P.	Postdoctoral Training in Pediatric Dentistry	Health Resources and Services Administration (HRSA)	7/1/2020	6/30/2021	\$ 898,580	7/1/2020	6/30/2025	\$ 4,497,940
Xie, Guiqin	Development of T Cell-mediated Targeted Gene Delivery of immunotoxin in HNSCC	NIH - National Institute of Dental and Craniofacial Research (NIDCR)	9/1/2020	8/31/2021	\$ 154,500	9/1/2020	8/31/2022	\$ 309,000
Xie, Guiqin	Investigation of Differential Transcriptional Dependence in HNSCC	NIH - National Institute of Dental and Craniofacial Research	4/1/2021	3/31/2022	\$ 154,500	4/1/2021	3/31/2023	\$ 309,000
Xie, Guiqin	Investigation of Oncogenic Transcriptional Dependence for Therapeutic Intervention in HNSCC	National Institutes of Health	6/1/2020	5/31/2021	\$ 38,625	6/1/2020	5/31/2022	\$ 77,250
<b>College of Engineering and Architecture</b>					<b>\$ 19,036,655</b>			<b>\$ 50,178,805</b>
Amoo, Michaela E.	CTSI/Howard A19C-T004 Tactical Edge Sensor Processing STTR Phase I Proposal	Department of Army	1/15/2020	4/15/2020	\$ 55,000	1/15/2020	4/15/2020	\$ 55,000
Amoo, Michaela E.	Pilot Projects for ARLIS Academic Consortia	Applied Research Lab for Intelligence and Security (ARLIS) pass thru from U.S. Department of Defense	8/1/2020	8/1/2021	\$ 121,008	8/1/2020	8/1/2021	\$ 121,008
Amoo, Michaela E.	Sensing Identities": Investigating the Construction of Engineering Identity through a Community-Based Participatory Urban Air Quality Sensing Project.	Robert Wood Johnson Foundation (RWJF)	9/15/2020	7/31/2021	\$ 36,000	7/31/2020	7/31/2023	\$ 100,001
Arhin, Stephen A.	2019 - 2020 Operations Data Center Internship	District Department of Transportation (DDOT)	10/1/2019	9/30/2020	\$ 189,440	10/1/2019	9/30/2020	\$ 189,440
Arhin, Stephen A.	2019 Fall Learning and Development Internship	District Department of Transportation (DDOT)	10/15/2019	12/31/2019	\$ 3,960	10/15/2019	12/31/2019	\$ 3,960
Arhin, Stephen A.	2020 Howard University Transportation Data Center	District Department of Transportation (DDOT)	10/1/2019	9/30/2020	\$ 750,000	10/1/2019	9/30/2020	\$ 750,000
Arhin, Stephen A.	2020 Research Administrative Support	District Department of Transportation (DDOT)	1/1/2020	9/30/2020	\$ 163,430	1/1/2020	9/30/2020	\$ 163,430



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Arhin, Stephen A.	2020 Research Internship Program	District Department of Transportation (DDOT)	1/1/2020	9/30/2020	\$ 120,080	1/1/2020	9/30/2020	\$ 120,080
Arhin, Stephen A.	2020 Seatbelt Survey Compliance Study	District Department of Transportation (DDOT)	1/1/2020	9/30/2020	\$ 100,000	1/1/2020	9/30/2020	\$ 100,000
Arhin, Stephen A.	Crash Data Entry for USVIPD	U.S. Virgin Islands Police Department	4/1/2020	9/30/2020	\$ 100,000	4/1/2020	9/30/2002	\$ 100,000
Arhin, Stephen A.	DDOT Transportation Research Administration Support	District Department of Transportation (DDOT)	10/1/2019	12/31/2019	\$ 58,381	10/1/2019	12/31/2019	\$ 58,381
Arhin, Stephen A.	MCSAP Grant Development and Management Services Contractor	Metropolitan Police Department pass thru from Federal Motor Carrier Safety Administration	1/1/2020	9/30/2020	\$ 250,000	1/1/2020	9/30/2020	\$ 250,000
Arhin, Stephen A.	Semester Transit Internship Program	District Department of Transportation (DDOT)	10/1/2019	9/30/2020	\$ 25,600	10/1/2019	9/30/2020	\$ 25,600
Brower-Thomas, Tina L.	Co-Design Center for Quantum Advantage (C2QA)	Brookhaven National Laboratory pass thru from U.S. Department of Energy	9/30/2020	9/25/2021	\$ 100,000	9/30/2020	9/25/2025	\$ 500,000
Brower-Thomas, Tina L.	Growing Perfect Diamond Thin Films for Electronics and Quantum Computing Applications	DOD - Office of Naval Research	2/1/2021	1/30/2022	\$ 1,418,500	2/2/2021	1/30/2022	\$ 1,418,500
Brower-Thomas, Tina L.	Growing Perfect Diamond Thin Films for Electronics and Quantum Computing Applications	DOD - Army Research Office	2/1/2021	1/30/2022	\$ 1,418,500	2/2/2021	1/30/2022	\$ 1,418,500
Chandran, Preethi L.	Biophysical Mechanism by Which Mannose and N Glycans Modifies and Protects Biological Surfaces	National Science Foundation	1/1/2020	12/31/2021	\$ 118,490	1/1/2020	12/31/2024	\$ 558,689
Chandran, Preethi L.	Deconstructing the Environmental Responsiveness of the N-Glycan Shield Protecting Pathogens	U.S. Department of Defense	2/1/2020	1/31/2021	\$ 219,837	2/1/2020	1/31/2023	\$ 659,512
Chandran, Preethi L.	EIR: Biophysical Mechanism by which Mannose Residues Modify and Protect Biological Surfaces	National Science Foundation	5/1/2020	4/30/2021	\$ 166,663	5/1/2020	4/30/2023	\$ 499,988
Chandran, Preethi L.	NSF Center for Molecular Chimeras	National Science Foundation	6/1/2021	5/31/2022	\$ 1,170,000	6/1/2021	5/31/2026	\$ 5,350,000
Delgado Vela, Jeseth	A Multi-Stage Approach to Convert Organic Rich Waste Streams to Platform Chemicals and Biomethane	DOE - Office of Energy Efficiency and Renewable Energy	1/1/2020	12/31/2020	\$ 114,280	1/1/2020	12/31/2022	\$ 375,000
Delgado Vela, Jeseth	Collaborative Research: Regulating Bacterial Lysis Using Engineered Nanoparticles and Phage Signaling Molecules	National Science Foundation	9/1/2020	9/30/2021	\$ 100,569	9/1/2020	8/31/2023	\$ 231,314
Delgado Vela, Jeseth	Excellence in Research: Harnessing Microbial Signals for Biofilm Control	National Science Foundation	7/1/2020	6/30/2021	\$ 109,999	7/1/2020	6/30/2023	\$ 330,000
Delgado Vela, Jeseth	Harnessing Microbial Signals for Biofilm Control	Johnson and Johnson Foundation	7/1/2020	6/30/2021	\$ 109,999	7/1/2020	6/30/2023	\$ 330,000
Delgado Vela, Jeseth	RAPID: Monitoring for SARS-COV-2 in Municipal Wastewater to Elucidate Infection Dynamics Across Major Metropolitan Areas of the United States	National Science Foundation	4/10/2020	4/9/2021	\$ 19,000	4/10/2020	4/9/2021	\$ 19,000

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Delgado Vela, Jeseth	RCN: Wastewater Surveillance of SARS-CoV-2	National Science Foundation	7/1/2020	6/30/2021	\$ 25,000	7/1/2020	6/30/2021	\$ 25,000
Delgado Vela, Jeseth	Regulating Bacterial and Phage Population Dynamics Using Engineered Nanoparticles and Signaling Molecules	National Science Foundation	5/1/2020	6/30/2021	\$ 99,999	5/1/2020	6/30/2023	\$ 194,261
Delgado Vela, Jeseth	Using Microbial Signaling Systems to Understand Relationship Between Microbial Growth and Breast Implant Complications	National Science Foundation	4/1/2021	3/31/2022	\$ 50,000	4/1/2021	3/31/2022	\$ 50,000
Delgado Vela, Jeseth	Wastewater Monitoring for Coronavirus Contamination	City of Houston Health Department	6/16/2020	12/31/2020	\$ 50,000	6/16/2020	12/31/2020	\$ 50,000
Ferdous, Farhana	MEMORY CARE BY DESIGN (MCxD): The Role of Spatial Settings to Improve Social Interaction and Enhance the Quality of Care at the End of Life	National Institutes of Health	9/1/2020	8/31/2021	\$ 152,500	9/1/2020	8/31/2022	\$ 305,000
Ferdous, Farhana	The Impact of Nature on Social Interaction: A Non-pharmacological Intervention to Improve the Quality of Care in Memory Care Facilities	Retirement Research Foundation	9/1/2020	8/31/2021	\$ 113,843	9/1/2020	8/31/2022	\$ 234,686
Gill, Tepper L.	A Novel Approach to Coronagraph Design for ExoEarth Observations	California Institute of Technology pass thru from NASA Jet Propulsion Laboratory	1/30/2020	9/27/2020	\$ 40,000	1/30/2020	9/27/2020	\$ 40,000
Harris, Gary L.	Collaborative Research: AGEP Transformation Alliance: CIRTL AGEP: Improved Academic Climate for STEM Dissertators and Postdocs to Increase Interest in Faculty Careers	National Science Foundation	10/1/2019	9/30/2020	\$ 35,245	10/1/2016	9/30/2021	\$ 144,463
Hazzazi, Noha M.	Post Voting Precision Calculation System	New America - Public Interest Technology	6/22/2020	1/30/2021	\$ 25,000	6/22/2020	1/30/2021	\$ 25,000
Hazzazi, Noha M.	Public Interest Tech Case Study Platform	Stanford University	11/1/2019	7/20/2020	\$ 42,000	8/1/2019	7/20/2020	\$ 42,000
Jones, Kimberly L.	ECO CBET: Managing Food and Water Systems for Sustainable Solutions	National Science Foundation	8/15/2020	8/14/2021	\$ 395,677	8/15/2020	8/14/2024	\$ 1,675,481
Jones, Kimberly L.	EngiNeering Research Center for Resilient and Responsive Infrastructure with Community-based Hybrid Systems (ENR2ICHIS)	National Science Foundation	8/15/2020	8/14/2021	\$ 549,953	8/15/2020	8/14/2025	\$ 4,640,885
Jones, Kimberly L.	Fouling Control Strategies for Crossflow Filtration of High Level Wastes	Vanderbilt University pass thru from U.S. Department of Energy	4/15/2019	2/28/2020	\$ 24,000	3/1/2018	2/28/2019	\$ 60,083
Jones, Kimberly L.	Greywater Reuse: Pathogen Removal by a Membrane Bioreactor	Colorado State University pass thru from National Science Foundation	8/1/2019	7/30/2020	\$ 127,500	8/1/2019	7/30/2020	\$ 127,500
Jones, Kimberly L.	Modeling the Membrane Fouling Mechanisms of A Cross-Flow Filtration System for Tank Wastes	Savannah River Nuclear Solutions, LLC pass thru from U.S. Department of Energy	1/1/2020	1/31/2020	\$ 300,264	1/1/2020	12/31/2020	\$ 300,264
Jones, Kimberly L.	Research Collaboration Between DC Water and Howard University: Partial Denitrification – Anammox Filter	DC Water, Inc.	10/1/2019	9/30/2020	\$ 200,000	10/1/2019	9/30/2020	\$ 200,000
Jones, Kimberly L.	Research Collaboration Between DC Water and Howard University: Partial Denitrification – Anammox Filter	DC Water and Sewage Authority (WASA)	11/1/2018	12/1/2019	\$ 10,000	11/1/2018	11/1/2020	\$ 10,000
Kim, Charles J.	Expansion of VIP program	VIP Consortium pass thru from Spencer Foundation	1/1/2021	12/31/2021	\$ 12,500	1/1/2021	12/31/2022	\$ 25,000

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Kim, Charles J.	Utilizing Forecasting Models for Pest or Agricultural Quarantine Smuggling Trends	MSI STEM Research and Development Consortium (MSRDC) pass thru from U.S. Department of Health and Human Services	8/16/2019	8/15/2020	\$ 266,249	8/16/2019	8/15/2020	\$ 266,249
Liu, Chunmei	AI Institute: Foundations of Machine Learning	Carnegie Mellon University pass thru from National Science Foundation	10/1/2020	9/30/2021	\$ 103,000	10/1/2020	9/30/2025	\$ 515,000
Liu, Chunmei	Collaborative Research: National Institute for Foundations of Data Science	Massachusetts Institute of Technology (MIT) pass thru from National Science Foundation	9/1/2020	8/31/2021	\$ 565	9/1/2020	8/31/2025	\$ 282,500
Liu, Chunmei	Emerging Frontiers of the Science of Information	Purdue University pass thru from National Science Foundation	8/16/2019	7/31/2020	\$ 105,000	8/1/2010	7/31/2020	\$ 105,000
Liu, Chunmei	Emerging Frontiers of the Science of Information	Purdue University pass thru from National Science Foundation	2/1/2020	7/31/2020	\$ 26,250	8/1/2010	7/31/2020	\$ 105,000
Maloo, Nea	Water Conservation and Sustainability Education at Howard University	UDC - DC Water Resources Research Institute (DCWRRRI) pass thru from U.S. Department of the Interior	3/1/2020	1/31/2021	\$ 10,000	3/1/2020	1/31/2021	\$ 10,000
Maloo, Nea	Water Conservation and Sustainability Education at Howard University	DC Water Resources Research Institute (DCWRRRI) pass thru from U.S. Department of the Interior	3/1/2020	1/31/2021	\$ 10,000	3/1/2020	1/31/2021	\$ 10,000
Marin, Claudia C.	Collaborative Proposal: Intelligent Video Analytic Platform for Damage Assessment of Structures Under Dynamic Loads	National Science Foundation	8/1/2020	7/31/2021	\$ 246,206	8/1/2020	7/31/2023	\$ 751,462
Mosleh, Mohsen	Industry-Research Inclusion in STEM Education (I-RISE)	U.S. Department of Education	10/1/2019	9/30/2020	\$ 250,000	10/1/2019	9/30/2022	\$ 750,000
Rawat, Danda B.	Center of Excellence in the area of Artificial Intelligence/Machine Learning (CoE-AIML)	DOD - Army Contracting Command (ACC)	10/1/2020	9/30/2021	\$ 1,500,000	10/1/2020	9/30/2025	\$ 7,500,000
Rawat, Danda B.	DARE-AI: Discovery, Analysis, Research and Exploration based Experiential Learning Modules for Integrated AI for Cybersecurity and Cybersecurity for AI	National Science Foundation	8/15/2020	8/14/2021	\$ 150,000	8/15/2020	8/14/2022	\$ 300,000
Rawat, Danda B.	FMRG: AI Driven Cybermanufacturing of Quantum Materials Architectures	National Science Foundation	9/1/2020	8/31/2021	\$ 12,500	9/1/2020	8/31/2025	\$ 625,000
Rawat, Danda B.	Machine Learning for Context-Aware Credit Card Malicious Action Detection with Fairness	JPMorgan Chase	5/18/2020	5/17/2021	\$ 143,552	5/18/2020	5/17/2022	\$ -
Rubaii, Ahmed	Improving Undergraduate Student Performance in Electrical Engineering, Computer Engineering and Computer Science Programs at Howard University	Intel Corporation	7/1/2020	6/30/2021	\$ 15,000	7/31/2017	8/31/2021	\$ 60,000
Smith, Sonya T.	HBCU-HDI Women in STEM Research Exchange	U.S. Department of State	5/1/2020	6/30/2021	\$ 250,000	5/1/2020	6/30/2022	\$ 499,998
Smith, Sonya T.	POETS ERC RET	University of Illinois pass thru from National Science Foundation	5/1/2019	7/31/2020	\$ 33,797	5/1/2018	7/31/2020	\$ 65,439
Tabtabaei, Solmaz	Additive Manufacturing of Protein Snack Foods From Electrostatically Enriched Protein Fractions Prepared from Legumes and Cereals	USDA-National Institute of Food and Agriculture	9/1/2020	8/31/2021	\$ 124,963	9/1/2020	8/31/2024	\$ 499,841
Tabtabaei, Solmaz	Assessing the Potential Use of Coal Ash Nanoparticles for Enhanced Oil Recovery through Microemulsion Evaluation	ACS - Petroleum Research Fund	9/1/2021	8/31/2022	\$ 23,274	9/1/2021	8/31/2024	\$ 69,822

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Tharakan, John P.	Coupling Ethical STEM Research to Community Engagement at an Historically Black University	National Science Foundation	9/1/2021	8/31/2022	\$ 92,425	9/1/2021	8/31/2026	\$ 598,951
Warner, Grant	Additive Manufacturing of Thermally Cured Thermoset Polymers	Bhawin, LLC. pass thru from U.S. Department of Defense	7/1/2020	1/1/2022	\$ 40,000	7/1/2021	1/1/2022	\$ 4,000
Warner, Grant	Howard University I-Corps Site	National Science Foundation	9/1/2020	4/1/2021	\$ 60,000	6/15/2015	5/31/2021	\$ 349,342
Warner, Grant	Mid-Atlantic I-Corps Hub	National Science Foundation	8/1/2020	7/31/2021	\$ 50,000	8/1/2020	7/31/2025	\$ 510,000
Warner, Grant	Sandia National Labs Design Bonanza	Sandia National Laboratories	1/13/2020	7/30/2020	\$ 15,000	1/13/2020	7/30/2020	\$ 15,000
Washington, Gloria J.	ITEST DTI: Engaging Black Boy High schoolers in Tech Innovation and Entrepreneurship	National Science Foundation	1/30/2020	1/29/2021	\$ 319,420	1/30/2020	1/29/2024	\$ 1,182,824
Washington, Gloria J.	AI Institute – Integrated Design for Equitable Agricultural Systems (IDEAS)	National Science Foundation	10/1/2020	9/30/2021	\$ 544,174	10/1/2020	9/30/2025	\$ 2,703,727
Washington, Gloria J.	CAREER: Towards Creation of a Black Techie Immersive Experience for Inspiring Underrepresented Students Across the U.S.	National Science Foundation	2/1/2019	7/31/2020	\$ 161,944	2/1/2019	1/31/2024	\$ 669,897
Washington, Gloria J.	M3X: Understanding and Modeling Uncomfortable Speech for Improved Communications in the Workplace	National Science Foundation	7/1/2020	6/30/2021	\$ 279,157	7/1/2020	6/30/2022	\$ 726,456
Washington, Gloria J.	MRI: Development of an Interactive Immersive Environment that Senses and Responds to Humans	National Science Foundation	9/1/2019	8/31/2020	\$ 131,970	9/1/2018	8/31/2020	\$ 298,783
Washington, Gloria J.	NSF Convergence Accelerator: Track D Artificial Intelligence Innovations Towards Understanding and Identifying Microaggressions in Human Communications	National Science Foundation	9/1/2020	6/30/2021	\$ 999,079	9/1/2020	6/30/2021	\$ 999,079
Washington, Gloria J.	Targeted Infusion: Engaging Howard University Computer Science Students in Interactive Computing Infused Curricula	National Science Foundation	6/1/2020	12/1/2020	\$ 24,720	4/1/2019	3/31/2022	\$ 396,990
Wei, Tao	CAREER: Multiscale Simulations of Iron Oxide Nanoparticle-Protein Electron Transfer	National Science Foundation	8/1/2019	7/31/2020	\$ 157,689	8/1/2019	7/31/2024	\$ 549,997
Wei, Tao	Developing an Electrochemistry-Based Geochemical Framework for Organic Systems	NASA - Jet Propulsion Laboratory	4/30/2020	9/30/2020	\$ 8,750	10/1/2018	9/30/2020	\$ 50,030
Wei, Tao	Developing an Electrochemistry-Based Geochemical Framework for Organic Systems	NASA - Jet Propulsion Laboratory	10/1/2019	9/30/2020	\$ 26,250	10/1/2018	9/30/2020	\$ 150,000
Wei, Tao	Genetic Engineering with Human Made Structure	U.S. Department of Defense	6/1/2020	12/31/2020	\$ 50,000	6/1/2020	12/31/2020	\$ 50,000
Wei, Tao	Laboratory Electrical Conductivity Measurements for Exploring Ocean Worlds	NASA Jet Propulsion Laborator	10/1/2020	9/30/2021	\$ 30,000	10/1/2020	9/30/2021	\$ 30,000
Wei, Tao	Simulation Studies of Polyamide-Nanoparticle (Iron Oxide and Graphene Oxide) Composite Membrane Modified with Zwitterionic Antibiofouling Materials	National Science Foundation	8/1/2020	7/31/2021	\$ 30,000	8/1/2020	7/31/2021	\$ 30,000

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Wei, Tao	Simulation Studies of Zwitterionic and Amphiphilic Polymer Surfaces for Antibiofouling and Fouling Release	Office of Naval Research	1/1/2020	12/31/2020	\$ 100,000	1/1/2020	12/31/2022	\$ 300,000
Yan, Su	All Frequency Stable Electromagnetic Formulation and Application in Microwave Circuit Modeling	National Science Foundation	6/1/2020	5/31/2021	\$ 96,900	6/1/2020	5/31/2023	\$ 299,441
Yan, Su	Excellence in Research: Advanced Electromagnetic Modeling and Image Reconstruction Algorithms for Millimeter-Wave Forward-Looking SAR	National Science Foundation	6/1/2020	5/31/2021	\$ 160,408	6/1/2020	5/31/2023	\$ 490,963
Yan, Su	Excellence in Research: Theoretical and Computational Methods for the Robust Retrieval of Effective Electromagnetic Properties of Random Composite Materials	National Science Foundation	6/1/2020	5/31/2021	\$ 162,745	6/1/2020	5/31/2023	\$ 489,969
Yan, Su	High-Order Computational Electromagnetics Tool using Adaptive Curved Meshes	U.S. Navy	12/1/2020	5/31/2021	\$ 54,997	12/1/2020	11/30/2021	\$ 95,000
Yazdani, Hessem	CAREER: Developing Predictive Models for Polymer Nanocomposites	National Science Foundation	8/1/2020	7/31/2021	\$ 314,485	8/1/2020	7/31/2025	\$ 1,093,436
Yazdani, Hessem	Collaborative: IRES Proposal, Integrated Research, Education and Professional Development in Bio-Based Construction Materials	National Science Foundation	5/15/2020	8/15/2023	\$ 250,027	5/15/2020	8/15/2023	\$ 250,027
Yazdani, Hessem	Computational de Novo Design of Novel Polymer Nanocomposite Coatings for Corrosion Prevention	U.S. Department of Defense	6/30/2020	12/31/2020	\$ 40,000	6/30/2020	12/31/2020	\$ 40,000
Yazdani, Hessem	Computational De Novo Discovery of Polymer-nanocomposite Coatings for Corrosion Prevention	The Defense Advanced Research Projects Agency	7/1/2020	6/30/2021	\$ 160,002	7/1/2020	6/30/2022	\$ 320,851
Yazdani, Hessem	Machine Learning-assisted De Novo Design of Polymer-nanocomposite Coatings for Corrosion Prevention	The Office of Naval Research (ONR)	12/1/2019	11/30/2020	\$ 158,452	12/1/2019	11/30/2022	\$ 478,345
Yazdani, Hessem	NSF INCLUDES Planning Grant: Partnership to Foster a Diverse Maritime Workforce	National Science Foundation	7/1/2020	6/30/2021	\$ 94,249	7/1/2020	6/30/2021	\$ 94,249
Yazdani, Hessem	RAPID: Modified Waste Plastics as Antiviral Coatings for Common Surfaces	National Science Foundation	5/1/2020	4/30/2021	\$ 50,000	5/1/2020	4/30/2022	\$ 100,000
Yazdani, Hessem	RAPID: Understanding and Quantifying Adsorption-desorption Mechanisms and Affinity of SARS-CoV-2 to Inanimate Surfaces in Built Environments	National Science Foundation	4/20/2020	4/19/2021	\$ 118,938	4/20/2020	4/19/2021	\$ 118,938
Yazdani, Hessem	STEM BOuND (Building Outreach Networks for Developing A Competency-based STEM Workforce for Solving Grand Challenges	U.S. Army Combat Capabilities Development Command-Armaments Center (CCDC-AC)	7/1/2020	6/30/2021	\$ 57,627	7/1/2002	6/30/2025	\$ 349,935
Yazdani, Hessem	Understanding and Reinforcing Factors Cultivating Entrepreneurial Mindset in Engineering Students	National Science Foundation	8/17/2020	8/16/2021	\$ 34,856	8/17/2020	6/16/2022	\$ 70,000
Ymele-Leki, Patrick	Excellence in Research: Adhesive and Kinetic Properties Under Hydrodynamic Influences During Early Evolution Stages	National Science Foundation	6/1/2020	5/31/2023	\$ 712,170	6/1/2020	5/31/2023	\$ 712,170
Ymele-Leki, Patrick	MRI: Acquisition of a Confocal Microscope for Engineering and Life Sciences Research and Training at Howard University	National Science Foundation	6/1/2020	5/31/2021	\$ 887,648	6/1/2020	5/31/2023	\$ 1,268,068
<b>College of Medicine</b>					<b>\$ 55,222,636</b>			<b>\$ 181,284,209</b>

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Abbas, Muneer M.	TCR-T Gene Therapy for the Treatment of COVID-19 Infections	National Institutes of Health	10/1/2020	12/31/2021	\$ 242,000	10/1/2020	12/31/2021	\$ 242,000
Aduli, Farshad	Understanding the Racial Disparities of Hepatocellular Cancer (HCC) in Washington D.C.	NIH - National Institute of Minority Health and Health Disparities	7/1/2021	6/30/2022	\$ 231,750	7/1/2021	6/30/2023	\$ 463,500
Alim, Tanya N.	Development and Evaluation of Computerized Chemosensory-Based Orbitofrontal Cortex Training (CBOT) for Opioid Use Disorder	Evon Medics, LLC pass thru from NIH - National Institute on Drug Abuse	9/1/2002	8/31/2021	\$ 100,000	9/1/2020	8/31/2022	\$ 200,000
Andrisse, Stanley	Prison-to-Professionals: Bridging the Gap Between Corrections and Higher Education in STEM	NIH - National Institute of General Medical Sciences	7/1/2020	6/30/2021	\$ 269,668	7/1/2020	6/30/2025	\$ 3,680,324
Andrisse, Stanley	The Cellular Molecular Regulation of Differing Mechanisms of Insulin Resistance.	NIH - National Institute of Diabetes and Digestive and Kidney Diseases	9/1/2020	8/31/2021	\$ 454,318	9/1/2020	8/31/2025	\$ 2,067,564
Andrisse, Stanley	The Cellular, Molecular, and Genetic Basis of Differing Mechanisms of Insulin	American Diabetes Association	7/1/2020	6/30/2021	\$ 137,974	7/1/2020	6/30/2024	\$ 551,896
Arikkath, Jyothi	A Genetically Encoded Sensor to Track Cellular Pathology in CDKL5 Disorder	National Institutes of Health	7/1/2020	6/30/2021	\$ 217,580	7/1/2020	6/30/2022	\$ 409,888
Arikkath, Jyothi	A Novel Mechanism for D-Catenin Mediated Dendrite Development	National Institutes of Health	10/1/2020	9/30/2021	\$ 358,455	10/1/2020	9/30/2025	\$ 1,890,266
Arikkath, Jyothi	A Novel Pathway for Synapse to Nuclear Signaling in Plasticity	National Institutes of Health	10/1/2020	9/30/2021	\$ 358,455	10/1/2020	9/30/2025	\$ 1,890,266
Arikkath, Jyothi	Bidomain Regulation of Excitatory and Inhibitory Synapses by d-catenin: Implications for Excitatory-inhibitory Balance Disorders	National Institutes of Health	2/1/2020	1/31/2021	\$ 474,541	2/1/2020	1/31/2025	\$ 2,470,697
Arikkath, Jyothi	Biomarker Discovery for Neurodevelopmental Disorders	National Institutes of Health	10/1/2020	9/30/2021	\$ 231,205	10/1/2020	9/30/2022	\$ 423,513
Arikkath, Jyothi	Cell Intrinsic Regulators of Dendrite Polarity in Pyramidal Neurons	National Institutes of Health	10/1/2020	9/30/2021	\$ 192,580	10/1/2020	9/30/2022	\$ 423,513
Arikkath, Jyothi	Cellular Aberrations in CDKL5 Disorder	National Institutes of Health	7/1/2020	6/30/2021	\$ 661,882	7/1/2020	6/30/2025	\$ 3,725,504
Arikkath, Jyothi	Neuronal and Synapse-type Specific Proteomics for Neurodevelopmental Disorders	National Institutes of Health	7/1/2020	6/30/2021	\$ 231,205	7/1/2020	6/30/2022	\$ 423,513
Arikkath, Jyothi	Neuron-type Specific Proteomic Profiling in CDKL5 Disorder	National Institutes of Health	7/1/2020	6/30/2021	\$ 217,580	7/1/2020	6/30/2022	\$ 409,888
Arikkath, Jyothi	Restoring Efficient Read Through of CDKL5 Nonsense Mutation in the S855* Murine Model of CDD Using Aminoglycoside Drugs	LouLou Foundation	5/1/2020	4/30/2021	\$ 20,000	5/1/2020	3/31/2021	\$ 20,000
Ashktorab, Hassan	Gastroprotective Effect of Saffron Against DSS-Induced Murine colitis and Its Role in the Treatment of Colitis-Associated Dysbiosis	Stanford University pass thru from National Institutes of Health	7/1/2020	6/30/2021	\$ 73,760	7/1/2020	6/30/2022	\$ 153,520
Ashktorab, Hassan	Mutational and Polymorphic Function of MSH3: Role of Inflammation and Race	University of Michigan pass thru from NIH - National Institute on Minority Health and Health Disparities	2/1/2021	1/31/2022	\$ 179,720	2/1/2021	1/31/2026	\$ 897,670

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Atkins, Kristin	Geospatial Analysis of Severe and Non-severe Maternal Morbidity in Washington, DC and Evaluation of Ongoing Neighborhood-Focused Health Interventions	Georgetown University pass thru from National Institutes of Health	10/1/2020	9/30/2021	\$ 155,091	10/1/2020	9/30/2021	\$ 155,091
Atkins, Kristin	Howard University Preterm Birth Reduction Pilot	DC Department of Health	10/1/2019	9/30/2020	\$ 409,377	5/1/2019	9/30/2020	\$ 800,000
Brim, Hassan	African Ancestry and Microbiome Interactions in Colon Carcinogenesis: A RHEO-STAT for Tumor Associated Inflammation and Response to Immunotherapy	Johns Hopkins University pass thru from NIH - National Cancer Institute	4/1/2021	3/31/2022	\$ 23,100	4/1/2021	3/31/2023	\$ 38,500
Brim, Hassan	Genetic, Epigenetic, and immune signatures of bacterium Streptococcus sp. VT_162 in colorectal cancer among African-American population.	Johns Hopkins University pass thru from NIH - National Cancer Institute	4/1/2021	3/31/2022	\$ 177,100	4/1/2021	3/31/2026	\$ 885,500
Burke, Mark	Neurodevelopment After Postnatal Zika Virus Infection in Infant Macaques	National Institutes of Health	9/1/2020	8/31/2021	\$ 101,537	9/1/2020	8/31/2025	\$ 304,612
Copeland Jr, Robert L.	Howard University College of Medicine Scholarships for Disadvantaged Students Program	DHHS - Health Resources and Services Administration	7/1/2020	6/30/2021	\$ 650,000	7/1/2020	6/30/2025	\$ 3,250,000
Copeland Jr, Robert L.	Howard University College of Medicine Scholarships for Disadvantaged Students Program	DHHS - Human Resources and Services Administration	7/1/2020	6/30/2021	\$ 650,000	7/1/2020	6/30/2025	\$ 3,250,000
Dawson, Kevin	FCC COVID-19 Telehealth Program Wireline Competition	U.S. Federal Communications Commission (FCC)	5/1/2020	4/30/2021	\$ 1,000,000	5/1/2002	4/30/2021	\$ 100,000
Dehkordi, Ozra G.	Neurochemical Profile of Menthol Activated Cells in the Nicotine Reward-Addiction Circuitry	Charles and Mary Latham Trust Fund	12/11/2018	12/10/2019	\$ 7,500	12/11/2017	12/10/2019	\$ 7,500
Diogo, Rui	The Audacity of Hopeful Monsters: Unexplored Musculoskeletal and Locomotor Diversity in Chameleons and Implications for Evolution of Extreme Arboreal Performance	National Science Foundation	8/1/2020	7/31/2021	\$ 68,335	8/1/2020	7/31/2023	\$ 154,052
Dowell, Sharon	A Treat to Target Strategy for Ethnic Minorities with Rheumatoid Arthritis	Bristol-Myers Squibb	12/1/2019	12/1/2020	\$ 52,932	12/1/2019	12/1/2024	\$ 264,662
Downer, Goulda A.	Howard University National HIV Curriculum Integration Project (H-NIP)	Health Resources and Services Administration (HRSA)	9/1/2018	8/31/2019	\$ 600,000	9/1/2018	8/31/2022	\$ 2,400,012
Downer, Goulda A.	Minority Serving Institution (MSI) HIV/HCV Prevention Program (MSI- H2P)	Gilead Sciences, Inc.	4/1/2020	3/31/2021	\$ 250,000	10/28/2018	3/31/2021	\$ 250,000
Filipeanu, Catalin	ACE2 Internalization and COVID-19	Louisiana State University Health Center pass thru from NIH - National Heart, Lung, and Blood Institute	6/15/2020	6/14/2021	\$ 264,439	6/1/2020	6/14/2021	\$ 264,439
Filipeanu, Catalin	Development of GPR52 biased signaling ligands to understand receptor functions	National Institutes of Health	6/1/2020	5/31/2021	\$ 154,500	6/1/2020	5/31/2021	\$ 154,500
Filipeanu, Catalin	GPR52 Biased Ligands for the Regulation of Neuronal Function	National Institutes of Health	2/1/2020	1/30/2021	\$ 245,250	8/1/2020	1/31/2022	\$ 424,875
Filipeanu, Catalin	Interactive Effects of Cannabinoids and Sex Hormones in Females	LSU Health Science Center pass thru from NIH - National Institute on Drug Abuse	12/1/2018	11/30/2019	\$ 26,405	10/1/2018	11/30/2019	\$ 26,405
Filipeanu, Catalin	Targeting ACE2 Ubiquitination for Hypertension	Louisiana State University Health Center pass thru from NIH - National Heart, Lung, and Blood Institute	3/30/2020	12/26/2020	\$ 253,765	12/26/2019	11/30/2023	\$ 633,177

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Gao, Haijun	Placental Mitochondria and Pregnancy Related Disorders	NIH-National Institute of General Medical Science	4/1/2021	3/31/2022	\$ 416,684	4/1/2021	3/31/2026	\$ 2,083,421
Hall Brown, Tyish S.	The Impact of Trauma on Sleep Disparities and Obesity in Urban Minority Youth	NIH - National Institute on mental Health Disparities	4/1/2020	3/30/2021	\$ 369,880	4/1/2020	3/30/2026	\$ 1,543,439
Heinbockel, Thomas	Excellence in Research - Neuromodulation in the Main Olfactory Bulb	National Science Foundation	7/1/2020	6/30/2021	\$ 177,467	7/1/2020	6/30/2023	\$ 499,016
Hudson, Tamaro	Elucidating the Immunogenomic Landscape of Lethal Prostate Cancer in African-American Men: A Howard-Hopkins Partnership	Prostate Cancer Foundation	9/1/2020	8/31/2021	\$ 160,260	9/1/2020	8/31/2022	\$ 326,320
Jerebtsova, Marina	The Role Of HGFL In The Sickle Cell Disease Nephropathy	NIH - National Institute of General Medical Sciences (NIGMS)	9/19/2019	7/31/2020	\$ 386,250	9/19/2019	7/31/2023	\$ 1,545,000
Johnson, Mark S.	Expanding National Capacity and Diversity in Palliative Care through Mentorship and Training	The Arthur Vining Davis Foundation	10/18/2019	12/31/2020	\$ 10,000	10/18/2019	12/31/2020	\$ 10,000
Johnson, Mark S.	Howard University Addiction Medicine Fellowship	DHHS - Health Resources and Services Administration	7/1/2020	6/30/2021	\$ 312,303	7/1/2020	2/20/2025	\$ 2,109,753
Johnson, Mark S.	Improving Outcomes for Young Women in Primary Care	DC Department of Health	10/1/2019	9/30/2020	\$ 350,247	10/1/2019	9/30/2020	\$ 350,247
Johnson, Mark S.	Urban Health Initiative Phase II - Non-FQHC Primary Care Providers	DC Department of Health	10/1/2019	9/30/2020	\$ 260,100	10/1/2019	9/30/2020	\$ 289,000
Kanaan, Yasmine M.	Investigating the Role of KISS1/KISS1R in Breast Cancer	Charles and Mary Latham Trust Fund	1/1/2019	11/30/2020	\$ 16,000	11/1/2019	11/30/2020	\$ 16,000
Kassim, Kunle	Isolation, Purification, Identification and Evaluation of Bioactive Compounds of Fagara Zanthoxyloides and Pseudocedrela	Charles and Mary Latham Trust Fund	1/1/2020	12/31/2020	\$ 15,000	1/1/2020	12/31/2020	\$ 15,000
Khundmiri, Syed J.	Cognitive Dysfunction in APOE Mice: Role of Blood Pressure and Psychosocial Stress	National Institutes of Health	7/1/2020	6/30/2021	\$ 154,500	7/1/2020	6/30/2022	\$ 309,000
Khundmiri, Syed J.	Role of NHERF1 in Carbohydrate and Phosphate Metabolism in Aging	National Science Foundation	1/1/2020	12/31/2020	\$ 170,574	1/1/2020	12/31/2022	\$ 499,761
Kobayashi, Ihori	Effects of Suvorexant on Insomnia and Stress Response in People with Opioid use Disorder and PTSD Treated with Buprenorphine (A Randomized Placebo-controlled Trial)	Merck & Co.	5/1/2020	4/30/2021	\$ 396,872	5/1/2020	4/30/2023	\$ 396,873
Kobayashi, Ihori	Can Blocking the Orexin System Enhance Sleep's Benefits to Therapeutic Exposure for PTSD?	NIH - National Institute of Mental Health	4/1/2020	3/31/2021	\$ 148,114	4/1/2017	3/31/2021	\$ 592,456
Kobayashi, Ihori	Orexin Receptor Blockage as A Target Mechanism for Recovery From Opioid Use Disorder Comorbid with Posttraumatic Stress Disorder	National Institutes of Health	4/1/2021	3/31/2022	\$ 270,375	4/1/2021	3/31/2023	\$ 424,875
Kobayashi, Ihori	Targeting Sleep with Suvorexant to Augment Written Narrative Exposure for PTSD	NIH - National Institute of Mental Health	7/1/2020	6/30/2021	\$ 676,557	7/1/2020	6/30/2025	\$ 4,132,390
Kobayashi, Ihori	Women Impacted by Sexual-Assault Experiences: Restoring Enduring Sleep in Trauma	NIH - National Institute of Mental Health	7/1/2020	6/30/2021	\$ 9,245	7/1/2020	6/30/2025	\$ 60,670



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Kumari, Namita	Immunomodulation by Iron Chelation and Hemolysis Prevents Viral Disease Severity	District of Columbia Center for AIDS Research (DC-CFAR) pass thru from National Institutes of Health	6/1/2002	5/31/2021	\$ 10,000	6/1/2020	5/31/2021	\$ 10,000
Kumari, Namita	Interferon Induced Factors Shapes Immunity to HIV-1 Infection in Sickle Cell Disease	University of California - San Francisco pass thru from National Institutes of Health	9/1/2020	8/31/2021	\$ 120,000	9/1/2020	8/31/2021	\$ 120,000
Kwagyan, John	Building a COVID-19 Diagnosis and Outcome Prediction Tool for High Risk Populations	Georgetown University pass thru from National Institutes of Health	7/1/2020	3/31/2021	\$ 19,632	7/1/2020	3/31/2021	\$ 19,632
Kwagyan, John	Mobile Meta-Analysis Training Institute	NIH - National Institute of Minority Health and Health Disparities	3/1/2020	2/28/2021	\$ 50,000	3/1/2020	2/28/2021	\$ 50,000
Laiyemo, Adeyinka O.	Epidemiologic and Mechanistic Evaluation of Colonic Diverticulosis	NIH - National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)	1/1/2021	12/31/2021	\$ 538,570	1/1/2021	12/31/2025	\$ 2,666,335
Laiyemo, Adeyinka O.	Health Literacy, Social Support and Precision Colon Cancer Screening in Blacks	National Institutes of Health	7/1/2020	6/30/2021	\$ 231,750	7/1/2020	6/30/2022	\$ 424,875
Laiyemo, Adeyinka O.	Immigration, Social Stress and Epigenomic Changes in Colon Neoplasia Risk	NIH - National Institute on Minority Health and Health Disparities	7/1/2020	6/30/2021	\$ 1,480,884	7/1/2020	6/30/2025	\$ 7,421,878
Laiyemo, Adeyinka O.	Improving Compliance to Out-patient Colonoscopy Using a Novel Approach: A Randomized Control Trial	NIH - National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)	7/1/2020	6/30/2021	\$ 386,250	7/1/2020	6/30/2024	\$ 1,545,000
Laiyemo, Adeyinka O.	The Role of Chronic Stress, Health Literacy and Social Support in Colon Cancer Prevention From Mid-life to Early Elderly Years	NIH - National Institute on Aging	5/1/2021	4/30/2022	\$ 231,750	5/1/2021	4/30/2023	\$ 424,875
Lee, Dexter L.	Cardiometabolic Health with Sodium-Glucose Transporter (SGLT) Inhibition	National Institutes of Health	2/3/2020	1/29/2021	\$ 80,439	2/3/2020	1/28/2022	\$ 252,428
Lee, Dexter L.	Hypertension in People of African Decent - National Institutes of Health Loan Repayment Program: Health Disparities Research	National Institutes of Health	4/1/2020	3/31/2021	\$ 35,000	4/1/2020	3/31/2022	\$ 70,000
Lewis, Kim M.	ICF - Howard University Internship	ICF International, Inc.	6/1/2020	9/30/2002	\$ 16,254	6/1/2020	9/30/2020	\$ 16,254
Liu, Shaolin	Cellular and Circuit Mechanisms Underlying Olfactory Dysfunction in Alzheimer's Disease	NIH - National Institute on Deafness and Other Communication Disorders (NIDCD)	4/1/2020	3/31/2021	\$ 503,920	4/1/2020	3/31/2025	\$ 2,619,022
Liu, Shaolin	Functional Mechanisms Underlying the Intrabulbar Associational Circuit in the Olfactory System	NIH - National Institute on Deafness and Other Communication Disorders (NIDCD)	2/1/2020	1/31/2021	\$ 262,650	2/1/2016	1/31/2021	\$ 799,869
Manaye, Kebreten F.	Howard University Enhancing Neuroscience Diversity through Undergraduate Research Education Experiences (HU-ENDURE)	NIH - National Institute on Aging	12/1/2020	11/30/2021	\$ 299,921	12/1/2020	11/30/2025	\$ 1,499,607
Maxwell, Celia J.	Human Care Agreement for Routine Clinical and Non-Clinical HIV Testing and Preventative Services	DC Department of Health	1/1/2020	12/31/2020	\$ 125,000	10/1/2018	12/31/2022	\$ 866,666
Maxwell, Celia J.	Ryan White HIV/AIDS Program Part C EIS COVID--19 Response	Health Resources and Services Administration (HRSA)	4/1/2020	3/31/2021	\$ 74,375	4/1/2020	3/31/2021	\$ 74,375
Maxwell, Celia J.	Ryan White Part C Outpatient Early Intervention Services (EIS) Program	Health Resources and Services Administration (HRSA)	4/1/2020	3/31/2021	\$ 350,833	4/1/2005	3/31/2021	\$ 1,073,586

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McClain, Lenora M.	Ryan White - Non-Medical Case Management Services-FEE For Service	DDOH - HIV/AIDS, Hepatitis, STD and TB Administration (HAHSTA) pass thru from Health Resources and Services Administration	3/1/2020	2/28/2021	\$ 23,100	10/1/2017	2/28/2022	\$ 1,095,000
McClain, Lenora M.	Ryan White Non-Medical Case Management Services (NMCN)	DDOH - HIV/AIDS, Hepatitis, STD and TB Administration (HAHSTA) pass thru from Health Resources and Services Administration	10/1/2019	2/29/2020	\$ 110,000	10/1/2017	2/28/2022	\$ 1,095,000
McClain, Lenora M.	Ryan White Part B Services	DDOH - HIV/AIDS, Hepatitis, STD and TB Administration (HAHSTA) pass thru from Health Resources and Services Administration	4/1/2020	3/31/2021	\$ 391,300	10/1/2017	2/28/2022	\$ 1,095,000
Mellman, Thomas A.	Administrative Supplement to Nocturnal Arousal and Cardiovascular Risk	NIH - National Heart, Lung, and Blood Institute	7/1/2020	3/31/2021	\$ 124,632	7/1/2020	3/31/2022	\$ 277,914
Mellman, Thomas A.	A Multilevel Model of Sleep Duration among People of African Descent	National Institutes of Health	1/1/2019	12/31/2019	\$ 339,959	1/1/2019	12/31/2022	\$ 1,387,457
Mellman, Thomas A.	Center of Excellence on Environmental Health Disparities Research (CEEHDR) at Howard University (HU)	National Institutes of Health	6/1/2020	5/31/2021	\$ 1,492,785	6/1/2020	5/31/2025	\$ 4,978,217
Mellman, Thomas A.	Stress, Sleep, and Cardiovascular Risk	NIH - National Heart, Lung, and Blood Institute	4/1/2020	3/31/2021	\$ 410,734	5/1/2017	3/31/2022	\$ 2,101,014
Mere, Constance C.	Cardio Metabolic Health with Sodium-Glucose Transporter (SGLT) Inhibition	American Heart Association	1/1/2020	12/31/2020	\$ 214,628	1/1/2020	12/31/2024	\$ 1,105,525
Metwalli, Adam R.	Seeing the Unseen: Using Machine Learning and Molecular Profiling to Characterize Prostate Cancer Visibility on Multiparametric MRI	University of Michigan pass thru from Prostate Cancer Foundation	9/1/2020	8/31/2021	\$ 36,052	9/1/2020	8/31/2022	\$ 72,105
Metwalli, Adam R.	VHL Alliance Pilot Project Grant	VHL Alliance	10/1/2019	9/30/2020	\$ 21,053	10/1/2019	9/30/2020	\$ 21,053
Misiak, Magdalena	Non-invasive Personalized In Vitro Assay for Alzheimer's Disease	Evon Medics, LLC pass thru from NIH - National Institute on Aging	7/1/2020	12/31/2020	\$ 69,889	7/1/2020	12/31/2020	\$ 69,889
Nekhai, Sergei	Acquisition of Orbitrap Mass Spectrometer	NIH - Office of Research Infrastructure Programs (ORIP)	2/1/2021	1/31/2022	\$ 869,172	2/1/2021	1/31/2022	\$ 869,172
Nekhai, Sergei	BELIEVE: Bench to Bedside Enhanced Lymphocyte Infusions to Engineer Viral Eradication	CORNELL - Weill Medical College pass thru from National Institutes of Health	7/1/2019	6/30/2020	\$ 30,000	8/1/2018	6/30/2020	\$ 60,000
Nekhai, Sergei	Center for Hemoglobin Research in Minorities (CHaRM)	NIH - National Heart, Lung, and Blood Institute	7/1/2020	12/31/2020	\$ 58,562	8/22/2013	6/30/2002	\$ 7,041,919
Nekhai, Sergei	Control of HIV-1 Latency by Nuclear Protein Phosphatase-1	National Institutes of Health	9/1/2020	8/31/2021	\$ 649,873	9/1/2020	8/31/2024	\$ 2,558,617
Nekhai, Sergei	COVID19-respiratory Virus Clinical and Laboratory Evolution in Patients with Hemoglobinopathies	NIH - National Heart, Lung, and Blood Institute	7/1/2020	6/30/2021	\$ 487,061	7/1/2020	6/30/2021	\$ 487,061
Nekhai, Sergei	Disruption of HIV-1 Tat-Host Protein Phosphatase 1 Interaction for HIV-1 Inhibition	National Institutes of Health	12/1/2020	11/30/2021	\$ 193,125	12/1/2020	11/30/2012	\$ 424,875
Nekhai, Sergei	District of Columbia Center for AIDS Research (DC-CFAR)	George Washington University pass thru from NIH - National Institute on Allergies and Infectious Diseases	6/1/2019	5/31/2020	\$ 56,603	6/1/2015	5/31/2020	\$ 242,785

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Nekhai, Sergei	Genetic Association and Biomarkers for Dementia in Sickle Cell Disease and Trait	RTI International pass thru from National Institutes of Health	7/1/2020	6/30/2021	\$ 161,115	7/1/2020	6/30/2025	\$ 805,573
Nekhai, Sergei	Genetic Association and Biomarkers for Dementia in Sickle Cell Disease and Trait	RTI International pass thru from National Institutes of Health	9/1/2020	8/31/2021	\$ 322,230	9/1/2020	8/31/2025	\$ 1,611,146
Nekhai, Sergei	Host Protein Phosphatase 1 Modulators for the Treatment of Ebola Virus Disease (EVD)	Fox Chase Chemical Diversity Center, Inc. pass thru from NIH - National Institute of Allergy and Infectious Diseases	4/1/2020	3/31/2021	\$ 93,250	4/1/2020	3/31/2022	\$ 184,580
Nekhai, Sergei	NHLBI BioData Catalyst Fellows Program	University of North Carolina at Chapel Hill pass thru from NIH - National Heart, Lung, and Blood Institute	3/20/2020	2/1/2021	\$ 69,733	3/20/2020	2/19/2021	\$ 69,733
Nekhai, Sergei	NHLBI BioData Catalyst Fellows Program	RENCI, University of North Carolina at Chapel Hill pass thru from NIH - National Heart, Lung, and Blood Institute	3/20/2020	2/19/2021	\$ 69,733	3/20/2020	2/19/2021	\$ 69,733
Nekhai, Sergei	Role of SPRR1a in Sickle Cell Disease	University of California - Irvine pass thru from National Institutes of Health	4/1/2021	3/31/2022	\$ 48,257	4/1/2020	3/31/2025	\$ 48,257
Nekhai, Sergei	Sickle Cell Disease and Sickle Cell Trait Protection Against HIV-1-infection in Africans and African Americans	National Institutes of Health	4/1/2020	3/31/2021	\$ 717,892	4/1/2020	3/31/2025	\$ 3,481,696
Nekhai, Sergei	Suppression of Immunity by Viral Regulation of Cellular Protein Phosphatase-1	National Institutes of Health	7/1/2020	6/30/2021	\$ 665,574	7/1/2020	6/30/2025	\$ 3,273,370
N'gouemo, Prosper	Na <sup>+</sup> /Ca <sup>2+</sup> Exchanger Remodeling in Alcohol Withdrawal Seizures	NIH - National Institute of Alcoholism and Alcohol Abuse	4/15/2019	3/31/2020	\$ 165,915	4/15/2019	3/31/2024	\$ 1,545,477
N'gouemo, Prosper	Pediatric Seizures: Role of IP3R Ca <sup>2+</sup> Release Channels	NIH - National institute on Alcoholism and Alcohol Abuse	7/1/2019	6/30/2020	\$ 128,860	7/1/2018	6/30/2020	\$ 128,860
Nunlee-Bland, Gail L.	Use of Dexcom6 CGM for Improved Pregnancy, Neonatal and Breastfeeding Outcomes in Pregnant Pregestational Type 2 Diabetes Mellitus Pregnant Women	Dexcom, Inc.	9/1/2019	8/31/2020	\$ 144,545	9/1/2019	8/31/2021	\$ 162,795
Nwulia, Evaristus A.	Development and Evaluation of Computerized Chemosensory-Based Orbitofrontal Cortex Training (CBOT) for relapse prevention in patients with Opioid Use (OUD)	Evon Medics, LLC pass thru from NIH - National Institute on Drug Abuse	9/30/2019	3/31/2020	\$ 47,251	9/30/2019	3/31/2020	\$ 47,251
Nwulia, Evaristus A.	Development and Evaluation of Home-Based Computerized Repetitive Olfactory Therapy (rCOT)	Evon Medics, LLC pass thru from NIH - National Institute of Mental Health	4/1/2020	9/30/2020	\$ 40,636	4/1/2020	9/30/2020	\$ 40,636
Nwulia, Evaristus A.	Development and Evaluation of Telehealth-Based Collaborative Care Model (TeleCoCM) for Opioid Use Disorder (OUD)	Evon Medics, LLC pass thru from NIH - National Institute of Mental Health	4/1/2020	9/30/2020	\$ 33,202	4/1/2020	9/30/2020	\$ 33,202
Nwulia, Evaristus A.	Elucidating Olfactory Mechanisms of PTSD Vulnerability and Trauma Resilience	NIH - National Institute of Mental Health	3/11/2020	2/28/2021	\$ 189,069	5/1/2019	2/28/2021	\$ 441,980
Nwulia, Evaristus A.	Elucidating Olfactory-Based Epigenetic Mediation of Social Contexts on Stress Response Across Life Span in Low SES Inner-City Minority Populations	National Institutes of Health	7/1/2020	6/30/2021	\$ 757,700	7/1/2020	6/30/2025	\$ 3,795,812
Nwulia, Evaristus A.	Howard University Minority AIDS Network Effort (HUMANE)	Substance Abuse and Mental Health Services Administration (SAMHSA)	9/30/2019	9/29/2020	\$ 484,993	9/30/2018	9/29/2022	\$ 1,939,952
Nwulia, Evaristus A.	Howard University Minority AIDS Network Effort (HUMANE) Project	Substance Abuse and Mental Health Services Administration (SAMHSA)	9/30/2020	9/29/2021	\$ 484,985	9/30/2018	9/29/2022	\$ 1,939,952

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Nwulia, Evaristus A.	Late-stage Commercial Development of the OLFACT™ Test Battery as a Screening Test for Preclinical Alzheimer's Disease	Osmic Enterprise, Inc. pass thru from NIH - Small Business Innovation Research	4/1/2020	3/31/2021	\$ 45,000	4/1/2020	3/31/2023	\$ 135,000
Obisesan, Thomas O.	Alzheimer's Clinical Trial Consortium	University of Southern California pass thru from NIH - National Institute on Aging	12/1/2019	11/30/2020	\$ 173,069	12/2/2017	11/30/2022	\$ 685,533
Obisesan, Thomas O.	Development and Evaluation of Computerized Olfactory Training Program (COT) for Cognitive Decline in Early Alzheimer's Disease (AD)	NIH - National Institute on Aging	9/1/2020	8/31/2021	\$ 125,000	9/1/2020	8/31/2022	\$ 250,000
Obisesan, Thomas O.	Development and Evaluation of Computerized Olfactory Training Program (COT) for Cognitive Decline in Preclinical and Early Alzheimer's Disease (AD)	Evon Medics, LLC pass thru from National Institutes of Health	7/1/2019	5/31/2020	\$ 35,000	9/1/2018	8/31/2020	\$ 70,000
Obisesan, Thomas O.	Genes, Exercise, and Memory Study: Community-Based Approach	NIH - National Institute on Aging	1/1/2020	3/31/2020	\$ 675,055	1/1/2020	4/30/2020	\$ 675,055
Obisesan, Thomas O.	Hayes Senior Wellness Center	DC Office on Aging	10/1/2019	9/30/2020	\$ 1,409,282	10/1/2019	9/30/2020	\$ 1,409,282
Obisesan, Thomas O.	Howard University Program on Cognitive Aging -Regional Trial-Ready Cohort"	National Institutes of Health	7/1/2020	6/30/2021	\$ 1,138,461	7/1/2020	6/30/2023	\$ 3,415,383
Obisesan, Thomas O.	The Howard University Animal Care and Use Core Biomedical Research Facility Reconstruction	National Institutes of Health	10/1/2002	9/30/2021	\$ 7,925,245	9/1/2020	9/30/2025	\$ 7,925,245
Okoye, Ginette A.	Howard University Skin of Color Postgraduate Research Fellowship	Pfizer Pharmaceuticals, Inc.	7/1/2020	6/30/2021	\$ 174,760	7/1/2020	6/22/2022	\$ 349,250
Rana, Sohail R.	11th Annual International Conference on Stigma	Gilead Sciences, Inc.	8/1/2020	4/30/2021	\$ 30,291	8/1/2020	4/30/2021	\$ 30,291
Rana, Sohail R.	An Open Label 12-Week Food Study to Assess the Safety, Tolerability, And Physiological Effects of An Amino Acid Food Product, AXA4010, In Subjects with Sickle Cell Disease	Axella Health, Inc.	7/1/2020	6/30/2021	\$ 30,383	7/1/2020	6/30/2021	\$ 30,383
Rana, Sohail R.	DC Cohort 2020 Proposal	George Washington University pass thru from NIH - National Institute of Allergies and Infectious Disease	4/1/2020	3/31/2021	\$ 52,513	4/1/2020	3/31/2025	\$ 271,678
Rana, Sohail R.	Development of a City-Wide Cohort of HIV-Infected Persons in Care in the District of Columbia: The "DC Cohort" 2020 renewal	George Washington University pass thru from National Institutes of Health	12/1/2019	11/30/2020	\$ 45,885	5/1/2012	11/30/2020	\$ 565,740
Rana, Sohail R.	DISPLACE: Dissemination and Implementation of Stroke Prevention Looking At the Care Environment	University of Alabama at Birmingham pass thru from National Institutes of Health	8/13/2019	6/30/2020	\$ 33,570	1/1/2019	6/30/2022	\$ 107,928
Rana, Sohail R.	DISPLACE: Dissemination and Implementation of Stroke Prevention Looking At the Care Environment	University of Alabama at Birmingham pass thru from National Institutes of Health	7/1/2020	6/30/2021	\$ 33,570	8/1/2017	6/30/2022	\$ 141,498
Rana, Sohail R.	Engaging Parents of Children with Sickle Cell Anemia and Their Providers in Shared-Decision Making for Hydroxyurea	Cincinnati Children's Hospital Medical Center pass thru from Patient-Centered Outcomes Research Institute (PCORI)	12/1/2019	3/31/2020	\$ 5,000	12/1/2017	3/31/2020	\$ 63,061
Rana, Sohail R.	International Conference on Stigma 2020	NIH - National Institute on mental Health Disparities	9/15/2020	9/14/2021	\$ 49,987	9/15/2020	9/14/2021	\$ 49,987
Rana, Sohail R.	National Center for Stigma Elimination (HRSA-20-112)	HealthHIV pass thru from Health Resources and Services Administration	9/1/2020	8/31/2021	\$ 362,968	9/1/2002	8/31/2024	\$ 1,451,827

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Rana, Sohail R.	Sickle Cell Disease Treatment Demonstration Program Regional Collaborative NE Region (SINERGE)	Johns Hopkins University pass thru from Health Resources and Services Administration	9/1/2019	8/31/2020	\$ 20,000	9/1/2017	8/31/2021	\$ 111,971
Rana, Sohail R.	Women In Networks for HIV Support , "WIN HIV"	ViiV Healthcare	10/1/2019	9/30/2020	\$ 99,926	10/1/2019	9/30/2021	\$ 198,312
Rayhan, Rakib	Investigating the Neural Correlates of Fatigue in Myalgic Encephalomyelitis / Chronic Fatigue Syndrome(ME/CFS)	NIH - National Institute of Neurological Disorders and Stroke	7/31/2019	7/30/2020	\$ 50,016	12/15/2017	12/20/2021	\$ 171,486
Retta, Tamrat M.	A Randomized, Double-blind, Placebo-Controlled Trial to Evaluate the Efficacy of Ramipril to Prevent ICU Admission, Mechanical Ventilation or Death in Persons with COVID-19	University of San Diego pass thru from Pfizer Pharmaceuticals	6/8/2020	11/30/2020	\$ 23,000	6/8/2020	11/30/2020	\$ 23,000
Retta, Tamrat M.	Spironolactone Initiation Registry Randomized Interventional Trial in Heart Failure with Preserved Ejection Fraction SPIRRIT-HFpEF	Duke University pass thru from National Institutes of Health	8/1/2019	7/31/2020	\$ 28,000	9/15/2017	7/31/2022	\$ 1,643,083
Richardson, Kimberlei A.	Supplemental Proposal-Professional Development for Neuroscience School for Advanced Studies	National Science Foundation	7/15/2020	6/30/2021	\$ 12,515	7/15/2020	6/30/2021	\$ 12,515
Schottenfeld, Richard S.	Clinical Trials Network Mid-Atlantic Collaborative Group: DC Reach, Engage, and Retain OUD Patients in MAT	Johns Hopkins University pass thru from NIH - National Institute on Drug Abuse	6/1/2020	5/31/2021	\$ 847,426	9/1/2018	5/31/2021	\$ 2,330,710
Schottenfeld, Richard S.	DC Research Infrastructure Building & Initiative to Reach, Engage and Retain Patients w/ OUD	Johns Hopkins University pass thru from NIH - National Institute on Drug Abuse	6/1/2019	5/31/2020	\$ 1,108,038	9/1/2018	5/31/2020	\$ 2,346,648
Schottenfeld, Richard S.	Howard University Hospital Behavioral Crisis Stabilization Unit	DC Department of Behavioral Health	10/1/2019	10/1/2020	\$ 481,654	10/1/2019	10/1/2020	\$ 481,654
Schottenfeld, Richard S.	Howard University Hospital Opioid Crisis Beds	DC Department of Behavioral Health	10/1/2019	9/30/2020	\$ 288,383	10/1/2019	9/30/2020	\$ 288,383
Schottenfeld, Richard S.	Implementation of Seek, test, Treat and Retain Strategies Among People Living With HIV (PLWH) Who Have Opioid Use Disorder (OUD) in Malaysia	Yale University pass thru from NIH - National Institute of Allergy and Infectious Diseases	8/1/2019	7/31/2020	\$ 18,481	1/1/2019	7/31/2023	\$ 92,405
Schottenfeld, Richard S.	Mid-Atlantic National Capital Region Node of the Clinical Trials Network (CTN)	NIH - National Institute on Drug Abuse	6/1/2020	5/31/2021	\$ 88,431	6/14/2020	5/31/2025	\$ 442,155
Scott, Denise M.	American College of Academic Addiction Medicine	American College of Academic Addiction Medicine (ACAAM)	1/1/2020	12/31/2020	\$ 500	1/1/2020	12/31/2020	\$ 5,000
Scott, Denise M.	Howard University Hospital Screening, Brief Intervention and Referral to Treatment (SBIRT) Community Expansion Initiative	Substance Abuse and Mental Health Services Administration (SAMHSA)	9/30/2018	9/29/2019	\$ 995,000	9/30/2018	9/29/2023	\$ 4,975,000
Scott, Denise M.	Opioid Treatment Expansion Initiative: Prescribers Training and Capacity Building Program	DC Department of Health	10/1/2019	9/30/2020	\$ 75,000	10/1/2017	9/30/2020	\$ 550,000
Sharma, Sudha	Molecular Analysis of RECQ1 Functions in Genome Maintenance	NIH - National Institute of General Medical Sciences (NIGMS)	9/1/2019	8/31/2020	\$ 302,000	9/1/2016	8/31/2020	\$ 931,000
Sherif, Zaki A.	Analysis of Racial Health Disparities in HCC by Systems Metabolomics	Georgetown University pass thru from NIH - National Cancer Institute	8/1/2018	7/31/2019	\$ -	8/1/2015	7/31/2020	\$ 251,105
Sherif, Zaki A.	Analysis of Racial Health Disparities in HCC by Systems Metabolomics	Georgetown University pass thru from NIH - National Cancer Institute	8/1/2019	7/31/2020	\$ 82,512	8/1/2015	7/31/2020	\$ 251,105

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Sherif, Zaki A.	Epigenetic Determinants of Social Factors in Liver Diseases	Georgetown University pass thru from National Institutes of Health	7/1/2020	6/30/2021	\$ 96,712	7/1/2020	6/30/2025	\$ 481,341
Sherif, Zaki A.	Mechanisms of Disparities in Chronic Liver Diseases and Cancer	Georgetown University pass thru from National Institutes of Health	12/1/2020	11/30/2021	\$ 96,712	12/31/2020	11/30/2025	\$ 483,560
Sherif, Zaki A.	Metabolomic Characterization of Conditionally Reprogrammed Cells Derived from Racially Diverse Hepatocellular Carcinoma Patients	Georgetown University pass thru from National Institutes of Health	9/1/2019	7/31/2020	\$ 18,000	8/1/2017	7/31/2020	\$ 54,000
Southerland, William M.	Contribution of Ventral Tegmental Area Neurons in Pathology	NIH - National Institute of Minority Health and Health Disparities	2/1/2021	1/31/2022	\$ 386,250	6/1/2019	1/31/2024	\$ 386,250
Southerland, William M.	Howard University Research Center for Minority Health and Health Disparities	NIH - National Institute on Minority Health and Health Disparities	2/1/2020	1/31/2021	\$ 3,383,697	6/1/2019	1/31/2024	\$ 17,301,651
Tang, Qiyi	Development of A Cytomegalovirus-vectored SARS-CoV-2 Vaccine Against COVID-19	NIH - National Institute of Allergy and Infectious Diseases	8/1/2020	7/31/2021	\$ 398,750	8/1/2020	7/31/2022	\$ 797,500
Tang, Qiyi	Development of A Cytomegalovirus-vectored SARS-CoV-2 Vaccine Against COVID-19	NIH - National Institute on Allergies and Infections Diseases	6/1/2020	5/31/2021	\$ 216,300	6/1/2020	5/31/2022	\$ 424,875
Tang, Qiyi	Functional Responses of the Nuclear Domain 10 (ND10) to Foreign DNA -containing Stressors	National Science Foundation	9/1/2020	8/31/2021	\$ 277,544	9/1/2020	8/31/2023	\$ 832,632
Tang, Qiyi	Molecular Neuro-pathogenesis of Congenital Cytomegalovirus Infection	NIH - National Institute of Allergy and Infectious Diseases	8/1/2019	7/31/2020	\$ 377,500	8/1/2014	7/31/2022	\$ 1,510,000
Tang, Qiyi	Mouse Model for Zika Virus-Caused Heart Failure in Neonates	National Institutes of Health	9/1/2020	8/31/2021	\$ 386,250	9/1/2020	8/31/2025	\$ 1,931,250
Tang, Qiyi	Structural and Functional Studies of Human Cytomegalovirus	NIH - National Institute on Allergies and Infections Diseases	4/1/2020	3/31/2021	\$ 73,888	4/1/2019	3/31/2024	\$ 374,815
Tang, Qiyi	Treatment of Cytomegalovirus Infection Using Small RNA Strategies Targeting Major Immediate Early Gene Splicing and Translation	National Institutes of Health	1/1/2021	12/31/2022	\$ 384,400	1/1/2021	12/31/2025	\$ 1,920,000
Tang, Qiyi	Using A Yeast-based Transformation-associated Recombination (TAR) Genome Assembly System to Study vGPCR Cluster Function of Human Cytomegalovirus	National Institutes of Health	9/1/2020	8/31/2021	\$ 212,500	9/1/2020	8/31/2022	\$ 425,000
Taylor IV, James G.	Genetic, Environmental and Genetic Environmental interactions Which Predict Sickle Cell Trait Deaths	University of South Florida pass thru from National Institutes of Health	7/1/2020	6/30/2021	\$ 45,544	7/1/2020	6/30/2025	\$ 295,490
Taylor IV, James G.	Immunological Profiling of Chronically Transfused Sickle Cell Disease Patients	National Institutes of Health	7/1/2020	6/30/2021	\$ 66,996	7/1/2020	6/30/2022	\$ 133,992
Taylor IV, James G.	Study to Evaluate the Safety, Tolerability, and efficacy of Riociguat in patients with SCD	Univeristy of Pittsburgh pass thru from U.S. Food and Drug Administration	9/1/2019	12/31/2020	\$ 52,400	9/1/2019	12/31/2020	\$ 52,400
Taylor IV, James G.	Study to Evaluate the Safety, Tolerability, and efficacy of Riociguat in patients with SCD	University of Pittsburgh pass thru from Health Resources and Services Administration (HRSA)	9/1/2019	12/30/2020	\$ 52,400	9/1/2019	12/30/2020	\$ 52,400
Taylor, Teletia R.	Understanding Disparities in Breast Cancer Outcomes: The DC Breast Cancer Cohort	National Institutes of Health	3/1/2021	2/28/2022	\$ 231,217	3/1/2021	2/28/2027	\$ 1,389,972

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Tu, Tsang-Wei	Automatic Features Extraction of Microglial Cell Morphology in Traumatic Brain Injury (TBI)	NIH - National Institute of Neurological Disorders and Stroke	7/1/2020	6/30/2021	\$ 231,750	7/1/2020	6/30/2022	\$ 424,875
Wang, Paul C.	District of Columbia Intellectual and Developmental Disabilities Research Center (DC-IDDR)	Children's Research Institute pass thru from National Institutes of Health	6/1/2019	5/31/2020	\$ 64,606	9/22/2016	5/31/2021	\$ 287,999
Wang, Paul C.	Immune Control of Triple Negative Breast Cancer (TNBC) by Simultaneous Targeting of Annexin A2 and Cyclin-dependent Kinase 5 (cdk5)	VA Medical Center pass thru from U.S. Department of Defense	2/1/2021	1/31/2022	\$ 39,337	2/1/2021	1/31/2024	\$ 118,011
Wilcox, Ronald D.	DC Cohort 2020 Proposal	George Washington University pass thru from NIH - National Institute of Allergies and Infectious Disease	4/1/2020	3/31/2021	\$ 156,232	4/1/2020	3/31/2025	\$ 725,468
Wilcox, Ronald D.	Development of a City-Wide Cohort of HIV-Infected Persons in Care in the District of Columbia: The "DC Cohort" 2020 Adult renewal	George Washington University pass thru from NIH - National Institute on Allergies and Infectious Diseases	12/1/2019	11/30/2020	\$ 136,513	12/1/2018	11/30/2020	\$ 272,791
Wilcox, Ronald D.	Improving Sexually Transmitted Infection (STI) Testing and Treatment Among People with HIV or at Risk for HIV	Rutgers the State University of New Jersey pass thru from Health Resources and Services Administration (HRSA)	9/30/2019	9/29/2020	\$ 242,203	9/30/2018	9/29/2021	\$ 742,200
Wilcox, Ronald D.	Improving Sexually Transmitted Infection (STI) Testing and Treatment Among People with HIV or at Risk for HIV -- Convener Site	Rutgers the State University of New Jersey pass thru from Health Resources and Services Administration (HRSA)	9/30/2019	9/29/2020	\$ 300,000	9/30/2018	9/29/2021	\$ 900,000
Wilcox, Ronald D.	Ryan White Outpatient Ambulatory Health Services (FFS)	DC Department of Health pass thru from Health Resources and Services Administration	3/1/2020	2/28/2021	\$ 43,000	3/1/2017	2/28/2021	\$ 75,000
Wilcox, Ronald D.	Ryan White Outpatient Substance Abuse Services (OSAS) and Mental Health Services (MHS)	DC Department of Health pass thru from Health Resources and Services Administration	3/1/2020	2/28/2021	\$ 1,000	3/1/2017	2/28/2021	\$ 50,000
Wilcox, Ronald D.	RYAN White Part A	DC Department of Health pass thru from Health Resources and Services Administration	3/1/2019	2/28/2020	\$ 300,000	6/15/2007	2/28/2021	\$ 753,322
Williams, Carla D.	American Breast Cancer Foundation Community Partnership Agreement	American Breast Cancer Foundation	3/31/2019	3/31/2020	\$ 25,000	3/31/2019	3/31/2020	\$ 25,000
Williams, Carla D.	DC3C: Hospital Evidence Based Intervention	DHHS - Centers for Disease Control and Prevention	6/30/2019	6/29/2020	\$ 80,000	9/26/2016	6/29/2020	\$ 202,000
Williams, Carla D.	Eliminating the Breast Cancer Mortality Gap in Washington, DC	George Washington University pass thru from American Cancer Society	1/1/2020	12/31/2020	\$ 34,771	1/1/2020	12/31/2021	\$ 70,281
Williams, Mallory	Howard University Hospital - Violence Intervention Program	Office of Victim Services and Justice Grants	100/1/20	9/30/2021	\$ 284,599	10/1/2019	9/30/2020	\$ 309,000
Wilson, Lori L.	Optimizing the Quality of Surgical Oncology Care in Minority Serving Hospitals	Brigham and Women's Hospital, Inc. pass thru from NIH - National Cancer Institute (NCI)	11/1/2019	10/31/2020	\$ 6,266	11/1/2019	10/31/2023	\$ 82,431
Zhan, Xiping	Detection of Cholinergic Activities in a Mouse Model of Alzheimer's Disease	NIH - National Institute on Aging	9/1/2020	8/31/2021	\$ 154,500	9/1/2020	8/31/2022	\$ 309,000
Zhan, Xiping	Detection of dysfunctional calcium signaling and Cholinergic activities in a Mouse Model of Alzheimer's Disease	NIH - National Institute on Aging	2/1/2021	1/31/2022	\$ 154,500	2/1/2021	1/31/2023	\$ 309,000
Zhan, Xiping	Junctophilin-3/Ca2+ Dyregulation in Neurodegeneration	Johns Hopkins University pass thru from National Institute of Neurological Disorders and Stroke	7/1/2020	12/31/2021	\$ 75,000	7/1/2020	12/31/2021	\$ 75,000

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Zhan, Xiping	Junctophilin-3/Ca2+ Dyregulation in Neurodegeneration	Johns Hopkins University pass thru from National Institute of Neurological Disorders and Stroke	10/1/2020	9/30/2021	\$ 77,250	10/1/2020	9/30/2022	\$ 154,500
Zhan, Xiping	Pre-synaptic Signaling in Modulation of Somatosensory-auditory Integration in the Dorsal Cochlear Nucleus	WhiteHall Foundation	1/1/2020	12/31/2020	\$ 30,000	1/1/2020	12/31/2020	\$ 30,000
Zhan, Xiping	Toxic Effects on Dopaminergic Signaling in Patient-specific iPSC-derived Neurons	PhRMA foundation	1/1/2020	12/30/2020	\$ 100,000	1/1/2020	12/30/2020	\$ 100,000
Ziermann, Janine	Excellence in Research: Impact of Gbx2 on Neural Crest Cells During Neuronal, Craniofacial and Cardiovascular Development	National Science Foundation	7/1/2020	6/30/2021	\$ -	7/1/2020	6/30/2023	\$ 221,452
<b>College of Nursing and Allied Health Sciences</b>					<b>\$ 1,609,718</b>			<b>\$ 6,812,529</b>
Alden, Jessica	Educational Intervention for Older Adult Minority Women With Urinary Incontinence	American Occupational Therapy Foundation	7/1/2020	6/30/2021	\$ 49,779	7/1/2020	6/30/2021	\$ 49,779
Banks, Felecia	OT Scholarship for Disadvantaged Students	Health Resources and Services Administration	7/1/2019	6/30/2020	\$ 480,000	7/1/2016	6/30/2020	\$ 1,896,249
Castor, Chimene	Department of Nutritional Sciences Health Disparities Conference	U.S. Department of Agriculture	3/12/2020	4/1/2020	\$ 20,000	3/12/2020	4/2/2021	\$ 20,000
Fungwe, Thomas V.	Evaluate the Effects of Cruciferous Vegetables on Gut Microbiome, Body Weight and Metabolic Function in Parents and Offspring of Mice	Agriculture and Food Research Initiative (AFRI) pass thru from National Institute of Food and Agriculture	10/1/2020	9/30/2021	\$ 13,411	10/1/2020	9/30/2023	\$ 39,973
Okunji, Priscilla O.	Technological Capacity Building of Health Education and Screening of Adult African Immigrants Living in Washington, DC	DC Government	10/1/2019	9/30/2020	\$ 20,000	10/1/2019	9/30/2020	\$ 20,000
Strong, Caron L.	Reducing Health Inequities and Health Disparities Through Minority Nurse Practitioner Education	CVS Foundation	1/1/2020	12/31/2020	\$ 5,000	1/1/2020	12/31/2020	\$ 5,000
Talbert, Patricia Y.	Comprehensive Culturally Competent Patient-Centered Training to Educate, Prevent, and Reduce Maternal Mortality and Morbidity among African American and Socioeconomically Disadvantaged Women	National Institutes of Health	11/1/2020	12/31/2021	\$ 76,300	11/1/2002	12/31/2025	\$ 76,300
Talbert, Patricia Y.	Providing Research Education Experiences to Enhance Diversity in the Next Generation of Substance Abuse and Addiction Scientists	Univeristy of Pittsburgh pass thru from NIH - National Institute of Allergies and Infectious Disease	4/1/2021	3/31/2026	\$ 5,228	4/1/2021	3/31/2026	\$ 5,228
Winkfield, Devora R.	HRSA Scholarship for Disadvantaged Students Grant	DHHS - Human Resources and Services Administration	7/1/2020	6/30/2021	\$ 470,000	7/1/2020	6/30/2025	\$ 2,350,000
Winkfield, Devora R.	Nursing Scholarship for Disadvantaged Students	DHHS - Health Resources and Services Administration	7/1/2020	6/30/2021	\$ 470,000	7/1/2020	6/30/2025	\$ 2,350,000
<b>College of Pharmacy</b>					<b>\$ 5,956,725</b>			<b>\$ 73,558,390</b>
Adesina, Simeon K.	Sequential Passive-Active Targeting of Brusatol for the Treatment of Advanced Prostate Cancer	U.S. Department of Defense	9/30/2020	9/29/2021	\$ 364,612	9/30/2020	9/29/2023	\$ 1,080,402
Adesina, Simeon K.	Stealth Brusatol and Docetaxel-loaded Nanoparticles for Targeted Prostate Cancer Therapy	NIH - National Institute of General Medical Sciences	8/1/2019	7/31/2020	\$ 309,000	8/1/2019	7/31/2022	\$ 868,250
Adesina, Simeon K.	Strategies to Overcome the Challenges Associated with Polymeric Nanoparticle-Based Cancer Therapeutics	NIH - National Institute of General Medical Sciences	4/1/2021	3/31/2022	\$ 565,708	4/1/2021	3/31/2026	\$ 281,203



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Akala, Emmanuel O.	Multifunctional Nanoparticles for Breast Cancer Treatment	National Institutes of Health	1/1/2021	12/31/2021	\$ 386,250	1/1/2021	12/31/2024	\$ 1,545,000
Akala, Emmanuel O.	Trimodal Targeted Biodegradable Nanoparticles for HER2-Positive Breast Cancer Treatment	U.S. Army Medical Research Acquisition Activity (USAMRAA)	1/1/2021	12/31/2021	\$ 230,231	1/1/2021	12/31/2023	\$ 693,780
Bwayo, Salome K.	Point of Care Screening for Sickle Cell Trait by Pharmacy Students At A Historically Black College and University	National Association of Chain Drug Stores Foundation (NACDS)	6/1/2020	5/31/2021	\$ 20,000	6/1/2020	5/31/2021	\$ 20,000
Daftary, Monika N.	Mid-Atlantic AIDS Education and Training Center	University of Pittsburgh pass thru from Health Resources and Services Administration (HRSA)	7/1/2019	6/30/2020	\$ 278,238	7/1/2019	6/30/2024	\$ 2,647,380
Daftary, Monika N.	Mid-Atlantic AIDS Education and Training Center (MAAETC)	University of Pittsburgh pass thru from Health Resources and Services Administration (HRSA)	7/1/2020	6/30/2021	\$ 263,238	7/1/2019	6/30/2024	\$ 1,316,190
Daftary, Monika N.	Mid-Atlantic AIDS Education and Training Center (MAAETC) COVID-19	University of Pittsburgh pass thru from Health Resources and Services Administration (HRSA)	4/1/2020	3/31/2021	\$ 40,000	4/1/2020	3/31/2021	\$ 40,000
Daftary, Monika N.	Mid-Atlantic AIDS Education and Training Center Ending the HIV Epidemic Initiative	University of Pittsburgh pass thru from Health Resources and Services Administration (HRSA)	7/1/2019	6/30/2020	\$ 38,000	7/1/2019	6/30/2024	\$ 1,316,190
Ettienne, Earl B.	GlaxoSmithKline/Howard University Regulatory Affairs/Policy Fellowship	GlaxoSmithKline, LLC pass thru from Federal Drug Administration	7/1/2019	6/30/2020	\$ 264,772	7/1/2018	6/30/2021	\$ 1,031,180
Hailemeskel, Bisrat	Howard University Second Opioid Symposium and Naloxone Administration Training for Pharmacy Professionals.	Opioid Analgesic Risk Evaluation and Mitigation Strategy Program Companies (RPC)	1/1/2020	12/31/2020	\$ 117,781	1/1/2020	12/31/2020	\$ 117,781
Karla, Pradeep K.	Development of Rapid and Sensitive Lateral Flow Immunoassay Test for COVID-19	Amazon Web Services, Inc.	9/1/2020	4/30/2021	\$ 162,975	9/1/2020	4/30/2021	\$ 162,975
Karla, Pradeep K.	Development of Rapid and Sensitive Lateral Flow Immunoassay Test for COVID-19	American Heart Association	5/1/2020	12/31/2020	\$ 109,846	5/1/2020	4/15/2021	\$ 274,353
Kulkarni, Amol A.	Novel Therapeutics Targeting HIV Nef-Calnexin Interaction	National Institutes of Health	12/1/2020	11/30/2021	\$ 232,144	12/1/2020	11/30/2022	\$ 426,348
Kulkarni, Amol A.	Small Molecule Therapeutics Targeting Inflammation in Sickle Cell Disease	NIH - National Institute of General Medical Sciences	12/1/2020	11/30/2021	\$ 115,875	12/1/2020	12/1/2024	\$ 463,500
Law, Miranda	Collaborative Global Health Fellowship with Chemonics	Chemonics International	7/1/2021	6/30/2022	\$ 79,565	7/1/2021	6/30/2022	\$ 79,565
Law, Miranda	Implementation of A Community Based Public Health Pharmacy Course	National Association of Chain Drug Stores Foundation (NACDS)	7/1/2020	6/30/2021	\$ 19,700	7/1/2020	6/30/2021	\$ 19,700
McCants, Tamara I.	HU Pharmacy Initiative Outreach	DC Department of Aging and Community Living	3/3/2020	9/30/2020	\$ 39,838	10/1/2019	9/30/2020	\$ 744,479
McCants, Tamara I.	Trusted Health Plan/ Howard University PGY1 Managed Care Pharmacy Residency Program	Trusted Health Plan	7/6/2020	6/30/2021	\$ 140,000	7/1/2018	6/30/2021	\$ 560,000
Ohanele, Chiemena U.	The Effect of Self-Leadership on Burnout in PGY1 Pharmacy Practice Residents	American Society of Health System Pharmacists	7/1/2020	7/30/2021	\$ 5,000	7/1/2020	7/30/2021	\$ 5,000

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Rungkitwattanakul, Dhakrit	Characteristics and Outcomes of HIV-infected Patients with COVID-19	District of Columbia Center for Aids Research (DC-CFAR)	8/1/2020	8/31/2021	\$ 10,000	8/1/2020	8/31/2021	\$ 10,000
Singh, Divita	An Interdisciplinary Implementation of Point of Care CYP2C19 Pharmacogenomic Testing in African Americans with Acute Coronary Syndrome on Clopidogrel to Increase Awareness and Utilization of Genotype-Informed Therapeutic Recommend	African American Pharmacogenomic Consortium Network Transdisciplinary Collaborative Center	5/31/2020	5/30/2021	\$ 25,000	5/1/2020	5/1/2021	\$ 25,000
Tofade, Toyin	Howard University Centers of Excellence	DHHS - Health Resources and Services Administration (HRSA)	7/1/2019	6/30/2020	\$ 700,000	7/1/2009	6/30/2022	\$ 3,500,000
Tofade, Toyin	Howard University Centers of Excellence	DHHS - Health Resources and Services Administration (HRSA)	7/1/2020	6/30/2021	\$ 700,000	7/1/2009	6/30/2022	\$ 3,500,000
Tofade, Toyin	The Center of Excellence ACT-UP (Activating COVID-19 Training and Telehealth for Underserved Populations) Program	DHHS - Health Resources and Services Administration (HRSA)	5/1/2020	4/30/2021	\$ 150,000	7/1/2009	6/30/2022	\$ 3,500,000
Wang, Xiang S.	Artificial Intelligence to Improve Scoring Functions for Protein-Ligand Complex	National Science Foundation	5/1/2020	4/30/2021	\$ 166,714	5/1/2020	4/30/2023	\$ 500,000
Wang, Xiang S.	Glutamate-Dopamine Co-release as Drug Target to Treat Substance Use Disorder	National Institutes of Health	9/1/2020	8/31/2021	\$ 231,750	9/1/2020	8/31/2021	\$ 231,750
Wang, Xiang S.	Virtual Reality Technologies to Revolutionize Remote Teaching in the COVID-19 Crisis	Spencer Foundation	6/1/2020	5/31/2021	\$ 50,000	6/1/2020	5/31/2021	\$ 50,000
Wutoh, Anthony K.	Strengthening Integrated Delivery of HIV/AIDS Services (SIDHAS)	Family Health International 360 pass thru from U.S. Agency for International Development	10/1/2018	9/30/2019	\$ 140,488	10/5/2011	9/30/2019	\$ 48,548,364
<b>Graduate School</b>					<b>\$ 28,102,453</b>			<b>\$ 68,834,226</b>
Carter-Nolan, Pamela	Howard University Community Cores (HU C3)	DHHS - Office of Minority Health	5/11/2020	6/14/2021	\$ 21,164,238	6/15/2020	6/14/2023	\$ 40,000,000
Carter-Nolan, Pamela	The Breast Cancer Research Education Interdisciplinary Training (B_CREDIT) Program	Susan G. Komen Foundation	5/1/2020	4/30/2021	\$ 135,000	5/1/2020	4/30/2023	\$ 405,000
Jigpuep-Akhtar, Marie-Claude	Robert Wood Johnson Foundation Health Policy Research Scholar Program (Marie Plaisme)	Robert Wood Johnson Foundation (RWJF)	9/1/2019	8/31/2020	\$ 30,000	9/1/2017	8/31/2022	\$ 120,000
Kurian, Philip J.	Cooperative and Coherent Ultrafast Phenomena in the Life Sciences	Guy Foundation	7/1/2020	6/30/2021	\$ 32,525	7/1/2020	6/30/2023	\$ 995,313
Kurian, Philip J.	Design Principles of Long-Range Cooperativity in Enzymatic Hydrolysis of Organophosphorus CWAs	Defense Threat Reduction Agency	7/1/2020	6/30/2021	\$ 350,000	7/1/2020	6/30/2023	\$ 1,050,000
Kurian, Philip J.	Design Principles of Long-Range Cooperativity in Enzymatic Hydrolysis of Organophosphorus CWAs	Defense Threat Reduction Agency			\$ 300,000	7/1/2020	6/30/2025	\$ 1,500,000
Kurian, Philip J.	Fast Detection of SARS-CoV-2 in the UV	National Institutes of Health	9/1/2020	8/31/2021	\$ 206,001	9/1/2002	8/31/2023	\$ 618,000
Kurian, Philip J.	How Coherent Energy Transfer in Microtubules Affects Brain Function	Chan Zuckerberg Initiative Donor-Advised Fund (DAF)	7/1/2020	6/30/2021	\$ 100,000	7/1/2020	12/31/2021	\$ 150,000

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Kurian, Philip J.	Probing Quantum Entanglement and Transducing Electronic to Photonic Correlations in DNA-enzyme Complexes	Defense Advanced Research Projects Agency (DARPA)	1/1/2020	12/31/2020	\$ 100,000	1/1/2020	12/31/2020	\$ 100,000
Kurian, Philip J.	Superradiant Signatures of SARS-CoV-2 for Fast Detection in the UV	U.S. Department of Defense	6/30/2020	12/31/2020	\$ 50,000	6/30/2020	12/31/2020	\$ 50,000
Morris, Vernon R.	Investigating Vertical Profiles of Aerosols and Their Radiative Impacts	National Science Foundation	1/1/2019	12/31/2019	\$ 61,440	1/1/2019	12/31/2021	\$ 288,892
Morris, Vernon R.	Investigating Vertical Profiles of Aerosols and Their Radiative Impacts	National Science Foundation	9/1/2020	12/31/2020	\$ 61,440	1/1/2020	12/31/2022	\$ 288,892
Morris, Vernon R.	NOAA Cooperative Science Center in A Atmospheric Sciences and Meteorology (NCAS-M) at Howard University	National Oceanic and Atmospheric Administration	9/1/2019	10/31/2019	\$ 3,368,840	9/1/2016	8/31/2021	\$ 15,500,000
Sakai, Ricardo K.	Collaborative Research: Analyzing Data from an Incipient Upper-Air Mesonet to Monitor Planetary Boundary Layer and Aerosols Processes in the Washington, DC - Baltimore, MD Region.	National Science Foundation	5/1/2020	4/30/2021	\$ 293,003	5/1/2020	4/30/2023	\$ 647,819
Sakai, Ricardo K.	Ozone Measurements at Howard University Beltsville Research Site for Air Quality Monitoring	Maryland Department of the Environment	5/1/2020	4/30/2021	\$ 50,000	5/1/2020	4/30/2021	\$ 50,000
Ullah, Hemayet	Development of Host-targeted Broad Antiviral Compounds Targeting the Functional Interaction of Receptor for Activated C Kinase 1 with Internal Ribosomal Entry Site	National Institutes of Health	10/1/2020	9/30/2020	\$ 783,392	10/1/2020	9/30/2025	\$ 4,824,735
Whiteman, David N.	Collaborative Research: GP-UP: Summer Workshops in Measurements, Modeling and Analysis of Planetary Boundary Layer Processes	National Science Foundation	10/1/2020	9/30/2021	\$ 98,908	10/1/2020	9/30/2023	\$ 266,094
Whiteman, David N.	Excellence In Research at the Howard University Beltsville Center for Planetary Boundary Layer Studies	National Science Foundation	5/1/2020	4/30/2021	\$ 334,999	5/1/2020	4/30/2023	\$ 999,167
Whiteman, David N.	Improvements in Water Vapor Mixing Ratio and Derived Products from ARM Raman Lidar	U.S. Department of Energy	1/1/2021	12/31/2021	\$ 200,144	1/1/2021	12/31/2023	\$ 597,791
Whiteman, David N.	Planetary Boundary Layer Incubation Study Team: Lidar Quantification of PBL Thermodynamic Profiles and Their Impact on Numerical Weather Prediction (NWP)	National Aeronautics and Space Administration	11/1/2019	10/31/2019	\$ 82,523	11/1/2019	10/31/2019	\$ 82,523
Williams, Dana A.	We Rise Together: Chronicling COVID-19 in Living Color	National Endowment for the Humanities	6/15/2020	12/31/2020	\$ 300,000	6/15/2020	12/31/2020	\$ 300,000
<b>Office of the President</b>					<b>\$ 2,338,631</b>			<b>\$ 2,338,631</b>
Haj, Luma	Community Service Grant FY20	Corporation for Public Broadcasting	7/1/2019	6/30/2020	\$ 1,024,602	10/1/2019	9/30/2020	\$ 1,024,602
Haj, Luma	A More or Less Perfect Union Community Engagement Initiative	Thirteen Productions, LLC pass thru from Public Broadcasting Station (PBS)	7/1/2019	6/30/2020	\$ 8,000	7/1/2019	6/30/2020	\$ 8,000
Haj, Luma	Community Service Grant FY20	Corporation for Public Broadcasting	10/1/2019	9/30/2021	\$ 1,024,602	10/1/2019	9/30/2021	\$ 1,024,602
Haj, Luma	FY 2020 Stabilization Funds	Corporation for Public Broadcasting	4/16/2020	9/30/2021	\$ 260,204	4/16/2020	9/30/2021	\$ 260,204

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Haj, Luma	Interconnection Grant FY 2020	Corporation for Public Broadcasting	7/1/2019	6/30/2020	\$ 19,723	10/1/2019	9/30/2020	\$ 19,723
Haj, Luma	ITVS's Indie Lens Pop-Up Program	Independent Television Sevice (ITVS)	7/1/2019	6/30/2020	\$ 1,500	10/1/2019	6/30/2020	\$ 1,500
<b>Office of the Provost and Chief Academic Officer</b>					<b>\$ 6,322,187</b>			<b>\$ 144,885,756</b>
Jones, Bruce A.	C-Accel Pilot-Track B2 (National Talent Ecosystem): Empowering a Digital Technology Workforce Through Alignment and Coordination of Upskilling and Reskilling Opportunities	Business Higher Education Forum (BHEF) pass thru from National Science Foundation	9/1/2019	5/31/2020	\$ 80,000	9/1/2019	5/31/2020	\$ 80,000
Palmer, Larry L.	2020 Charles B. Rangel International Affairs Program - Tranche 2	U.S. Department of State	6/6/2019	9/30/2020	\$ 160,000	6/6/2019	6/30/2022	\$ 658,538
Palmer, Larry L.	2020 HU-MWF leadership in Public Management Institute	International Research and Exchange Board (IREX) pass thru from U.S. Department of State	1/15/2020	9/15/2020	\$ 200,000	1/15/2020	9/15/2020	\$ 200,000
Palmer, Larry L.	2020 Thomas R. Pickering Foreign Affairs Graduate Fellowship Program	International Research and Exchange Board (IREX) pass thru from U.S. Department of State	12/1/2019	6/30/2020	\$ 326,285	12/1/2019	6/30/2020	\$ 326,285
Palmer, Larry L.	2021 Thomas R. Pickering Foreign Affairs Fellowship Program	U.S. Department of State	5/15/2020	12/31/2020	\$ 24,500	5/15/2020	9/30/2023	\$ 3,610,000
Palmer, Larry L.	Donald M. Payne International Fellowship	U.S. Agency for International Development	9/30/2019	9/29/2020	\$ 1,400,000	9/30/2017	9/29/2022	\$ 7,499,215
Palmer, Larry L.	FY 2021 Rangel Program Cooperative Agreement Proposal	U.S. Department of State	5/1/2020	9/30/2021	\$ 160,000	5/1/2002	9/30/2023	\$ 3,675,000
Palmer, Larry L.	Howard University SUSI Institute – U.S. Economics and Business	Family Health International 360 pass thru from U.S. Department of State	3/1/2020	9/30/2020	\$ 277,584	3/1/2020	9/30/2020	\$ 277,584
Wutoh, Anthony K.	District of Columbia Center for AIDS Research (DC-CFAR)	George Washington University pass thru from NIH - National Institute on Allergies and Infectious Diseases	6/1/2019	5/30/2020	\$ 56,951	6/1/2019	5/30/2020	\$ 56,951
Wutoh, Anthony K.	HBCU – Zambia Project	Health Resources and Services Administration (HRSA) pass thru from Health Resources and Services Administration (HRSA)	10/1/2019	9/30/2020	\$ 1,041,001	(blank)	(blank)	
Wutoh, Anthony K.	Howard Entertainment	Amazon Studios, LLC	12/1/2019	11/30/2020	\$ 100,000	12/1/2019	11/30/2020	\$ 100,000
Wutoh, Anthony K.	Howard University Faculty Development Initiative	Andrew W. Mellon Foundation	4/1/2020	3/31/2021	\$ 188,750	4/1/2020	3/31/2024	\$ 755,000
Wutoh, Anthony K.	Howard West- Google Tech Exchange	Google, Inc.	1/1/2020	4/30/2020	\$ 32,000	1/1/2020	4/30/2020	\$ 392,000
Wutoh, Anthony K.	LSAMP BD:Howard University Washington Baltimore Hampton Roads	National Science Foundation	8/1/2019	7/31/2020	\$ 537,500	8/1/2018	7/31/2020	\$ 1,075,000
Wutoh, Anthony K.	Strengthening Integrated Delivery of HIV/AIDS Services (SIDHAS)	Family Health International 360 pass thru from U.S. Agency for International Development	10/1/2019	9/30/2020	\$ 270,493	10/1/2011	9/30/2020	\$ 25,729,964

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Wutoh, Anthony K.	Strengthening Integrated Delivery of HIV/AIDS Services (SIDHAS)	George Washington University pass thru from NIH - National Institute on Allergies and Infectious Diseases	6/1/2019	5/30/2020	\$ 56,951	6/1/2019	5/30/2020	\$ 56,951
Wutoh, Anthony K.	Strengthening Integrated Delivery of HIV/AIDS Services (SIDHAS)	Family Health International 360 pass thru from U.S. Agency for International Development	10/30/2019	11/30/2019	\$ 403,972	10/5/2011	9/30/2019	\$ 24,319,822
Wutoh, Anthony K.	Strengthening Integrated Delivery of HIV/AIDS Services (SIDHAS) Mod29	Family Health International 360 pass thru from U.S. Agency for International Development	4/1/2020	9/30/2020	\$ 481,508	10/1/2011	9/30/2020	\$ 25,729,964
Wutoh, Anthony K.	Strengthening Integrated Delivery of HIV/AIDS Services (SIDHAS)	Family Health International 360 pass thru from U.S. Agency for International Development	12/1/2019	3/31/2020	\$ 371,262	10/5/2011	3/21/2020	\$ 25,095,026
Wutoh, Anthony K.	Strengthening Integrated Delivery of HIV/AIDS Services (SIDHAS)	Family Health International 360 pass thru from U.S. Agency for International Development	1/1/2020	3/31/2020	\$ 153,430	10/5/2011	3/21/2020	\$ 25,248,456
<b>School of Business</b>					<b>\$ 2,683,756</b>			<b>\$ 5,091,119</b>
Cain, Curtis C.	CAREER: Swimming Upstream - Broadening Participation in Computer Science and Information Systems: A Qualitative Analysis of Black Men in Informatics Experiences and Career Decisions	National Science Foundation	8/1/2020	8/30/2021	\$ 94,922	8/1/2020	8/30/2024	\$ 496,243
Cain, Curtis C.	HBCU-UP: Implementation Project: Integrating Lessons Learned from Silicon Valley to Expand Computing and Informatics Access Across Howard University	National Science Foundation	9/1/2020	8/30/2021	\$ 247,881	9/1/2020	9/1/2025	\$ 1,223,526
Cain, Curtis C.	National Centers of Academic Excellence in Cybersecurity (NCAE-C) "Cybersecurity Education Diversity Initiative"	National Security Agency	8/1/2020	7/31/2021	\$ 150,000	8/1/2020	7/31/2022	\$ 300,000
Goel, Rajni S.	National Centers of Academic Excellence in Cybersecurity (NCAE-C): Maximizing CyberSecurity Training Impact in Underserved Communities	National Security Agency	9/1/2020	8/31/2021	\$ 149,845	9/1/2020	8/31/2021	\$ 149,845
Goel, Rajni S.	Targeted Infusion Project: Undergraduate Cybersecurity Lab Infusion Project	National Science Foundation	5/18/2020	5/15/2021	\$ 125,165	5/18/2020	5/15/2022	\$ 262,643
Harvey, Barron H.	DC Small Business Development Center @Howard University	U.S. Small Business Administration	1/1/2020	12/31/2020	\$ 561,000	1/1/2020	12/31/2022	\$ 1,303,919
Harvey, Barron H.	DC Small Business Development Center @Howard University	U.S. Small Business Administration	4/1/2020	3/31/2021	\$ 1,280,000	1/1/2018	3/31/2021	\$ 1,280,000
Rustagi, Narendra K.	Conference on Internationalization of Indian Universities	U.S. Department of State	7/1/2020	6/30/2021	\$ 74,943	7/1/2020	6/30/2021	\$ 74,943
<b>School of Communications</b>					<b>\$ 433,900</b>			<b>\$ 979,392</b>
Davis, Alaina	Development of the Center for Cognitive-Communicative (CCC) Skills: An Academic, Clinical, and Research Unit for the Management of Sport and Brain-Related Injuries	American Speech-Language-Hearing Association	9/15/2020	9/14/2021	\$ 5,000	9/15/2020	9/14/2022	\$ 5,000
Harris, Ovetta L.	Stakeholder-driven Tele-AAC Supporting Independent and Effective Communication for Individuals with Complex Communication Needs	University of Pittsburgh pass thru from DHHS - Administration for Community Living	10/1/2020	9/30/2021	\$ 25,000	10/1/2020	9/30/2023	\$ 75,000
Johnson, Shameka N.	Investigating Frontal Lobe Activation in Adolescent Girls During Verbal Reasoning and Problem-Solving Tasks	National Science Foundation	9/1/2020	8/31/2021	\$ 243,000	9/1/2020	8/31/2023	\$ 615,420
Wright-Harp, Wilhelmina Y.	Howard FY2019 Jumpstart Project	Jumpstart for Young Children, Inc. pass thru from AmeriCorps	9/1/2019	8/31/2020	\$ 160,900	8/1/2018	7/1/2021	\$ 283,972

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<b>School of Divinity</b>					<b>\$ 4,000</b>			<b>\$ 4,000</b>
Byron, Gay L.	ATS Black Student Debt Project	Association of Theological Schools (ATS)	6/1/2019	5/31/2020	\$ 4,000	6/1/2019	5/31/2020	\$ 4,000
<b>School of Education</b>					<b>\$ 5,180,599</b>			<b>\$ 10,698,493</b>
Al'Uqdah, Shareefah N.	Howard University SES Diversity Fellowship Program (HU-SDI)	DHHS - Health Resources and Services Administration	7/1/2020	6/30/2021	\$ 480,000	7/1/2020	6/30/2025	\$ 2,400,000
Al'Uqdah, Shareefah N.	Improving Teaching Training Programs by Incorporating Courses on Culturally Responsive Teaching Strategies	Spencer Foundation	5/11/2020	5/10/2021	\$ 49,759	5/11/2020	5/10/2021	\$ 49,759
Al'Uqdah, Shareefah N.	Psyched - A Podcast	American Psychological Association	5/29/2020	10/30/2020	\$ 2,937	5/29/2020	10/30/2020	\$ 2,937
Anderson, Kenneth A.	Understanding Policing Policies that Reduce Inequality in Disciplinary Outcomes for Black Youth	WT Grant Foundation	10/15/2019	6/30/2020	\$ 45,017	10/15/2019	6/30/2021	\$ 49,617
Bailey, Ura Jean O.	Drug Free Communities Program	Centers for Disease Control and Prevention	9/29/2020	9/2/2021	\$ 125,000	9/29/2020	9/29/2023	\$ 625,000
Banks, Joy	Project Readiness, Achievement, Cultural Responsiveness, and Equity (RACE)	U.S. Department of Education	10/1/2019	10/2/2020	\$ 87,383	10/1/2019	10/1/2024	\$ 436,442
Elbedour, Salman	In the Shadow of COVID19: Homeless Students: Mitigating, Surviving, and Overcoming the Pandemic	Spencer Foundation	6/1/2020	6/1/2021	\$ 50,000	6/1/2020	6/1/2021	\$ 50,000
Elbedour, Salman	Mental Health, Stress, and Resilience: A Study of Bedouin Adolescents in the Aftermath of Home Demolition and Evacuation	Spencer	10/1/2020	6/30/2021	\$ 50,000	10/1/2020	6/30/2021	\$ 50,000
Elbedour, Salman	School Crisis Management Planning (SCMP): Preventing Violence Through Culturally Responsive Intervention and Training	U.S. Department of Justice	10/1/2020	9/1/2021	\$ 288,225	10/1/2020	9/1/2023	\$ 740,478
Freeman, Kimberley E.	Broadening Participation Research Center: Center for Research on Identity and Motivation of African American Students in STEM	National Science Foundation	7/1/2020	6/30/2021	\$ 1,910,123	7/1/2020	6/30/2025	\$ 900,000
Hill, Joseph B.	Upward Bound Mathematics and Science Program	U.S. Department of Education	6/1/2019	5/31/2020	\$ 287,537	6/1/2017	5/31/2022	\$ 1,437,685
Hill, Joseph B.	Upward Bound Mathematics and Science Program	U.S. Department of Education	6/1/2020	5/31/2021	\$ 616,803	6/1/2017	5/31/2021	\$ 1,437,685
Irving, Marilyn M.	Precollege Program and Access to Careers in Engineering	U.S. Department of Education	7/1/2020	6/30/2021	\$ 249,937	7/1/2020	6/30/2023	\$ 749,811
Jones, Sosanya M.	Improving HBCU Engagement with State Policy Actors	Spencer Foundation	10/1/2020	6/30/2022	\$ 209,754	10/1/2020	6/30/2022	\$ 380,284
Malone, Celeste M.	"You Can't Sit With Us:" Examining Parental and Child Relational Aggression and Psychosocial Adjustment in a Multi-Informant Study	DC Public Schools	7/1/2019	6/30/2020	\$ -	7/1/2019	6/30/2021	\$ -
Picho, Katherine	Testing the Efficacy of a Culturally Responsive Intervention to Broaden Participation and Improve STEM Retention At HBCUs	National Science Foundation	6/1/2020	5/31/2021	\$ 186,703	6/1/2020	5/31/2022	\$ 349,780

FY 2020 Proposals Received  
 as of June 2020

PI	Project Title	Sponsor/ Contractor/ Subcontractor	Budget Period Start Date	Budget Period End Date	Budget Period Budget	Project Start Date	Project End Date	Total Project Budget
Quinlan, Catherine L.	Howard University Science and Engineering Cultural Efficacy (HUSECE) Program	U.S. Department of Education	9/30/2019	9/29/2020	\$ 241,421	9/30/2019	9/29/2022	\$ 739,015
Shockley, Kmt G.	Understanding Black Youth that Thrive	Spencer Foundation	7/1/2020	6/30/2022	\$ 50,000	7/1/2020	6/30/2022	\$ 50,000
Shockley, Kmt G.	Understanding Black Youth who Thrive	Spencer Foundation	9/15/2020	9/14/2021	\$ -	9/15/2020	9/14/2022	\$ -
Williams, Dawn G.	Urban Superintendent's Academy	Cigna, Inc.	7/1/2020	6/30/2021	\$ 250,000	7/1/2020	6/30/2021	\$ 250,000
<b>School of Law</b>					<b>\$ 80,001</b>			<b>\$ 80,001</b>
Wilson, Yolonda Y.	Black Death: Racial Justice, Priority-Setting, and Care at the End of Life	National Humanities Center	9/1/2019	5/31/2020	\$ 80,001	9/1/2019	5/31/2020	\$ 80,001
<b>School of Social Work</b>					<b>\$ 1,770,224</b>			<b>\$ 3,263,352</b>
Berry-Edwards, Janice	Behavioral Health Workforce Education and Training (BHWET) Program	Health Resources and Services Administration	9/1/2019	8/31/2020	\$ 325,923	9/30/2017	8/31/2021	\$ 1,299,831
Cosby Jr., Robert L.	Minority Aging Technical Assistance & Resource Center (TARC) Option A: A Proposal to Develop and Implement a Technical Assistance and Resource Center Focusing on Older African Americans and their Caregiver Population	HHS- Administration on Community Living and Administration on Aging	8/1/2020	7/31/2021	\$ 220,987	8/1/2020	7/31/2023	\$ 662,960
Cosby Jr., Robert L.	Understanding Gentrification and Social Isolation of African American Older Adults (UGSI-AAOA) in Washington, DC	National Science Foundation	1/15/2020	9/30/2021	\$ 234,359	1/15/2020	9/30/2021	\$ 234,359
Cross, Janeen	Economic Security for Vulnerable Populations: A Comparative Analysis and Lessons Learned from the SASSA Program	University of Wisconsin - Madison	9/30/2020	9/15/2021	\$ 174,277	9/30/2002	9/15/2021	\$ 174,277
Cross, Janeen	Health Disparities for Premature Low Birth Weight Infants and the Impact on Future Trends to Social Security Benefits	Robert Wood Johnson Foundation (RWJF)	4/1/2020	4/1/2021	\$ 148,315	4/1/2020	4/1/2021	\$ 148,312
Gourdine, Ruby M.	NIJ Research Assistantship Program	National Insitute of Justice	9/1/2019	8/31/2020	\$ 162,146	9/1/2019	8/31/2020	\$ 162,146
Husain, Altaf	Promoting Positive Images (PPI)	DC - Department of Youth Rehabilitation Services	10/1/2019	9/30/2020	\$ 426,967	10/1/2019	9/30/2020	\$ 426,967
Kolivoski, Karen M.	Child Welfare Placement Experiences' Impact on Youth Delinquency	NIH - National Institute of Child Health and Human Development (NICHD)	4/1/2021	3/31/2022	\$ 77,250	4/1/2021	3/31/2023	\$ 154,500
<b>Grand Total</b>					<b>\$150,663,274</b>			<b>\$ 610,874,867</b>