



Office of Sponsored Programs

Award Summary

Report Covers: July 01, 2021 - July 31, 2021

<i>Principal Investigator/ Department/ Additional Investigators</i>	<i>Proposal ID/ Award Date</i>	<i>Funding Agency/ Title</i>	<i>Amount Awarded/ Abstract</i>
Almarode, John T. Dean's office	22-013 07/01/2021	Virginia Department of Education <i>Virginia is for Learners Innovation Network: Collective Impact Across the Commonwealth (Cohort III)</i>	\$170,000.00 To provide support for speakers and workshop presenters.
Bartley, Jolynne Institute for Innovation in Health and Human Services	21-236 07/01/2021	Virginia Department of Social Services <i>Healthy Families Child Abuse and Neglect Prevention</i>	\$18,901.24 To achieve positive pregnancy and maternal and child health outcomes, promote optimal child development, and influence parents to demonstrate positive parent-child interaction and parenting knowledge and behavior.
Bartley, Jolynne Institute for Innovation in Health and Human Services	21-176 07/13/2021	Blue Ridge Area Food Bank <i>BRAFB Agency Capacity Fund Gus Bus Proposal</i>	\$2,598.91 To allow the Gus Bus to purchase supplies that will make in-person food distribution in the community accessible and safe for all.
Bartley, Jolynne Institute for Innovation in Health and Human Services	21-231 07/01/2021	Virginia Department of Social Services <i>Healthy Families Page County FY 2022</i>	\$106,000.00 To provide ongoing home visiting services that improve health outcomes for at risk families and children and guide parents to make positive choices in all areas of life which will impact children and the community.

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Bartley, Jolynne Institute for Innovation in Health and Human Services	21-232 07/01/2021	Virginia Department of Social Services <i>Healthy Families Shenandoah County FY 2022</i>	\$106,000.00 To provide ongoing home visiting services that improve health outcomes for at risk families and children and guide parents to make positive choices in all areas of life which will impact children and the community.
Brent, Robert N. School of Integrated Sciences	21-198 07/01/2021	Virginia Department of Environmental Quality <i>Toxicity Testing to Support Maximum Daily Load Development in Sand Branch, Loudoun County</i>	\$12,525.00 To collect toxicity testing data on Sand Branch, Loudoun County, Virginia, to support the development of a total dissolved solids TMDL (Total Maximum Daily Load).
Carr, Julia W. Hart School of Hospitality, Sport and Recreation Management Carr, Benjamin H.	21-145 07/07/2021	Tony Britt Spotter Charts, LLC <i>Graduate Assistantship at Tony Britt Spotter Charts: AY 2021-2022</i>	\$26,922.00 To provide graduate students with the hands on experience as a Sports Data Specialist, learning entrepreneurial, small business management and process.
Carr, Julia W. Hart School of Hospitality, Sport and Recreation Management Carr, Benjamin H.	21-164 07/06/2021	Horizons Edge <i>Graduate Assistantship at Horizons Edge</i>	\$17,948.00 To provide graduate students with practical experience in the Sports and Recreation Management field.
Carr, Julia W. Hart School of Hospitality, Sport and Recreation Management Carr, Benjamin H.	21-144 07/08/2021	Harrisonburg City Parks and Recreation <i>Graduate Assistantship at Harrisonburg City Parks and Recreation: AY 2021-2022</i>	\$8,974.00 To establish a Graduate Assistantship for a student from the Hart School to the Harrisonburg City Parks and Recreation Department.

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Carr, Julia W. Hart School of Hospitality, Sport and Recreation Management Carr, Benjamin H.	21-165 07/08/2021	Bridgewater College <i>Graduate Assistantship at Bridgewater College Athletics 2021-2022</i>	\$16,669.00 To provide one graduate assistantship - Assistant Men's Soccer Coach - at Bridgewater College.
Cleland, Corey L. Biology	22-054 07/21/2021	Council on Undergraduate Research <i>CUR Biology Division Small Grant</i>	\$250.00 To purchase lab supplies.
Cleland, Corey L. Biology Velayudhan, Bisi T.	22-008 07/01/2021	National Science Foundation <i>Research Experience for Post-Baccalaureate Students (REPS) - supplement to REU</i>	\$72,032.00 To support full-time for 37 weeks the research and mentoring of two Biology graduates with Neuroscience Concentrations from James Madison University.
Evans, Amanda M. Graduate Psychology Anderson, Robin D. Atwood, Kelly C. Gilligan, Tammy D. Kielty, Michele L.	21-135 07/01/2021	Health Resources and Services Administration (HRSA) <i>RISE-UP (Rural Interdisciplinary Services and Education: Unlimited Potential)</i>	\$402,053.00 To expand the behavioral health workforce for children, adolescents, and transitional age youth who are at risk for developing behavioral health disorders in rural, high-need, and medically underserved communities in the Valley.
Foreman, Kimberley A. Institute of Certified Professional Managers	22-043 07/13/2021	Institute of Certified Professional Managers <i>Institute of Certified Professional Managers - Entity Agreement FY22</i>	\$411,831.00 To maintain the organization's national headquarters on the campus of James Madison University.

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Fukumura, Keigo Physics & Astronomy Scully, Sean T.	22-044 07/14/2021	NASA Goddard <i>Modeling the Winds of Galactic Black Hole Binaries</i>	\$45,000.00 To model, analyze, and compare disk winds and their relation to the structure of the underlying XRB accretion disk in comparison with AGN warm absorbers and UFOs to produce a theoretical edifice that encompasses all astrophysical black holes.
Fukumura, Keigo Physics & Astronomy	21-024 07/21/2021	National Aeronautics and Space Administration <i>Systematic Disk-Wind Modeling of Multi-Phase Ultra-Fast Outflows across Diverse AGN Populations</i>	\$59,523.00 To incorporate the complex system of AGN UFOs by exploiting a practical disk-wind model developed in the context of ideal magnetohydrodynamic framework.
Harned, Alleyn S. Virginia Clean Cities	22-002 07/22/2021	Virginia Department of Mines, Minerals and Energy <i>Alternative Fuels - Omnibus 15</i>	\$100,000.00 To provide alternative fuel vehicle inventory, alternative fuel production inventory, alternative fuels transition support, Virginia stakeholder technical assistance and coalition support, and biofuels education and outreach.
Hartzler-Weakley, Kimberlee Institute for Innovation in Health and Human Services	21-189 07/01/2021	Virginia Department of Education <i>Shenandoah Valley Child Development Clinic Ed Consultants: 2021-2022</i>	\$199,475.00 To provide screening and health related services to children with special needs and their families.
Hartzler-Weakley, Kimberlee Institute for Innovation in Health and Human Services	21-197 07/01/2021	Office of Population Affairs <i>SexEdVA Appalachian Replication - Year 2</i>	\$956,669.00 To replicate evidence-based sexual health education and positive youth development programs in order to significantly reduce the number of teen pregnancies in the Appalachian region of Virginia.

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Hartzler-Weakley, Kimberlee Institute for Innovation in Health and Human Services	21-213 07/07/2021	Virginia Department of Health <i>Campus Suicide Prevention Center of Virginia FY22 - State Funds</i>	\$125,000.00 To provide training, consultation and support for strategic planning to college and university campuses to build the infrastructure necessary to promote wellness and safety for all students.
Hartzler-Weakley, Kimberlee Institute for Innovation in Health and Human Services	21-194 07/01/2021	Office of Population Affairs <i>SexEdVA: Disability-Inclusive Sexual Health Network (DISH) - Year 2</i>	\$1,262,480.00 To develop, test, refine, and evaluate innovative interventions that will improve optimal health, prevent teen pregnancy, and address sexually transmitted infections (STI) within the key priority area of youth with disabilities.
Hartzler-Weakley, Kimberlee Institute for Innovation in Health and Human Services	21-212 07/01/2021	Virginia Department of Health <i>Campus Suicide Prevention Center of Virginia FY22</i>	\$357,415.12 To direct the Campus Suicide Prevention Center of Virginia as a training resource center for Virginia's college and university campuses.
Hughes, William C. Physics & Astronomy	22-055 07/21/2021	Virginia Academy of Science <i>Gerald Taylor Scholarship</i>	\$1,000.00 To provide student tuition support.
Kokhan, Oleksandr Chemistry & Biochemistry	21-006 07/01/2021	National Institutes of Health <i>Regulation of Substrate Binding in the bc1 Complex</i>	\$402,105.00 To explore three new predicted mechanisms of the bc1 complex activity and their role in regulation of reactive oxygen species production and provide research training to a new generation of future biomedical scientists.

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Krech, Joyce H. Small Business Development Center	22-036 07/01/2021	Page County <i>Page County Support of Small Business Development Center</i>	\$7,500.00 To support the Small Business Development Center.
Krech, Joyce H. Small Business Development Center	21-127 07/01/2021	George Mason University <i>Central Region Small Business Development Center CY21</i>	\$366,178.00 To support the Small Business Development Center.
Lubin, Melissa M. Professional and Continuing Education Swayne, Christine E.	22-010 07/01/2021	Shenandoah Valley Technology Council <i>Shenandoah Valley Technology Council / Entity Agreement FY2022</i>	\$65,577.00 To provide day to day operations of the Shenandoah Valley Technology Council's office and programs.
Lubin, Melissa M. Professional and Continuing Education	22-012 07/01/2021	Shenandoah Valley Partnership <i>Shenandoah Valley Partnership FY22</i>	\$451,826.00 To provide quality economic development support services for regional members, prospects, existing businesses, and the Virginia Economic Development Partnership.
MacDonald, Sarah K. Professional and Continuing Education	22-019 07/21/2021	Virginia Department of Correctional Education <i>Department of Corrections Instruction Delivery</i>	\$16,932.00 To provide Virginia Department of Corrections Correctional Education trainings.

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McCoy, Meghann N. WMRA	22-061 07/28/2021	Commonwealth of Virginia, Department for the Blind and Vision Impaired <i>FY22 Virginia Radio Reading Services Grant</i>	\$30,860.00 To continue funding Valley Voice Reading Services through WMRA.
McGary, Shane Geology and Environmental Science Garcia, Angel A.	21-067 07/01/2021	National Science Foundation <i>REU Site: Undergraduate Research Opportunities in Cave and Karst Science (U-ROCKS)</i>	\$349,914.00 To provide an undergraduate research experience focusing on cave and karst science.
Moran, Thomas E. Kinesiology	21-170 07/01/2021	Virginia Board for People with Disabilities <i>Ability First: Transforming Homes and Communities in Rural Areas of the Shenandoah Valley through Moving and Grooving</i>	\$275,000.00 To create a collaborative community approach to assist rural counties across the Shenandoah Valley in leveraging existing resources as well as introduce new wellness programs and opportunities intended to transform the physical, emotional, and social wellness of individuals with developmental disabilities.
Parker, M. Rockwell Biology	22-032 07/23/2021	National Park Service <i>Development of Hormone Manipulated Judas-snakes for Improved Management of Burmese Pythons in Everglades National Park Year 4</i>	\$29,705.00 To manipulate male Burmese pythons with feminizing hormone implants and test their attractiveness to wild males in Everglades National Park, then identify the skin lipids altered via hormone treatment.
Peters, Gretchen Chemistry & Biochemistry	21-092 07/07/2021	Petroleum Research Fund <i>Exploring Boronic acid crosslinking in petroleum- derived gels</i>	\$55,000.00 To explore how structural variations in the diboronic acid crosslinkers (linker length and flexibility) impact the morphology and material properties of the PVA- BA gel and investigate the incorporation of photoresponsive units into diboronic acids as a mechanism for initiating and disabling cooperative crosslinking.

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Piker, Erin G. Communication Sciences and Disorders	22-064 07/30/2021	American Academy of Audiology Foundation <i>Magnitude estimates of speed of rotation and angular displacement as a function of frequency</i>	\$973.83 To systematically examine the complex relationship between a physical vestibular stimulus and subjective perception across a wide range of stimulus frequencies.
Plitt Donaldson, Linda Institute for Innovation in Health and Human Services	22-033 07/07/2021	Brain Injury Connections of the Shenandoah Valley, Inc. <i>Brain Injury Connections of the Shenandoah Valley FY22 -Entity Agreement</i>	\$6,230.00 To provide office space and partnership with Brain Injury Connections of the Shenandoah Valley in order to further connect JMU students and faculty with the community through volunteer opportunities and experiential learning.
Richards, Kirsten E. Computer Science Richards, Timothy M.	21-218 07/01/2021	Office of Naval Research <i>Identifying Quality Cyber Warriors</i>	\$90,781.00 To conduct an exploratory study to reveal common characteristics of cyber warriors and suggest modalities for identifying these individuals early in their careers.
Rife, Terrie K. Biology	21-182 07/21/2021	Virginia Center on Aging <i>Understanding the Role of the Tau Isoform Variants in the Nucleus</i>	\$45,000.00 To better comprehend how changes in tau expression may affect Alzheimer's Disease development.
Sawin, Erika M. Nursing	22-059 07/23/2021	Health Resources and Services Administration (HRSA) <i>Undergraduate Primary Care and Rural Education (UPCARE) Project: A Community-based Nursing Education Collaboration Year 4</i>	\$699,324.00 To support and improve the community-health preparedness of the BSN workforce.

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Sharifian, Maryam S. Early, Elementary, and Reading Education	22-047 07/27/2021	Virginia Early Childhood Foundation <i>Mixed Delivery Preschool Grant FY 22</i>	\$1,249,005.00 To address barriers of access to quality preschool education within community-based settings, support public/private systems of preschool delivery focused on expanding access to publicly funded preschool services for unserved and underserved 3-and 4-year old children within high quality private, community- (non-school) based early childhood care and education (ECCE) settings.
Sharifian, Maryam S. Early, Elementary, and Reading Education	21-228 07/01/2021	Virginia Early Childhood Foundation <i>Harrisonburg-Rockingham Early Learning Project - PDG B-5 Year 3</i>	\$185,488.00 To address barriers of quality preschool education within community-based settings, develop shared curriculum and assessment, and enhance teacher qualifications through individualized professional development plans.
Simmons, Sharon J. Computer Science	21-193 07/01/2021	George Mason University <i>CCI Faculty Fellows New Hire</i>	\$208,333.00 To support the hiring and retaining of newly hired CS faculty.
Sochacki, James S. Mathematics and Statistics Lucas, Stephen K. Thelwell, Roger J. Tongen, Anthony L. Warne, Paul G.	22-020 07/01/2021	Triton Systems, Inc. <i>SBIR/STTR Collaboration: Parker-Sochacki Method - Phase 2 - Year 2</i>	\$175,000.00 To provide expertise in numerical methods and develop theory to improve upon existing techniques for trajectory propagation.

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Stokes, Trevor F. Graduate Psychology Snyder, Sara M.	22-041 07/13/2021	Virginia Institute of Autism <i>Virginia Institute of Autism Student Internship 2021-2022</i>	\$10,000.00 To provide high quality learning experiences for a JMU graduate student and broaden the Virginia Institute of Autism's service delivery of evidence-based, clinical services to their clients with Autism Spectrum Disorder.
Stokes, Trevor F. Graduate Psychology Snyder, Sara M.	22-037 07/15/2021	Shenandoah Valley Regional Program <i>Shenandoah Valley Regional Program Student Internships 2021-2022</i>	\$63,500.00 To support student internships within schools of surrounding communities.
Theik, Amy D. Young Children's Program	22-050 07/16/2021	Virginia Early Childhood Foundation <i>Fourth Round Child Care Grant</i>	\$22,953.00 To support the Youth Children's Program during the COVID-19 state of emergency.
Velayudhan, Bisi T. Biology	22-014 07/01/2021	Council on Undergraduate Research <i>CUR Biology Division Small Grant</i>	\$250.00 To purchase lab supplies to support an undergraduate student over summer to study the cumulative effect of sodium benzoate in gut mucosal immunity.
Zugelder, Bryan S. Training/Technical Assistance Center McNaught, John T. Randall, Amanda A.	22-006 07/21/2021	Virginia Department of Education <i>Section 611 Proposal for Additional Funds 2020-2021</i>	\$47,174.00 To develop animated modules for the purpose of providing information and enhancing the knowledge of parents and families related to the special education evaluation and eligibility process.

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Zugelder, Bryan S. Dean's Office	22-052 07/23/2021	Virginia ED Strategies Project CHOICE	\$132,677.00 To provide funds for a dedicated College of Education Staff Project Subject Matter Expert faculty member to focus on program and research development surrounding the design and implementation of the CHOICE self assessment tool and the instructional coaching framework to support participating teachers.
Total Amount Awarded			\$9,466,552.10