

**COLLEGE OF WILLIAM AND MARY
SPONSORED PROGRAM AWARDS
FISCAL YEAR 2014**

ARTS AND SCIENCES

Abelt, Christopher J., Deborah C. Bebout, Robert J. Hinkle, Elizabeth J. Harbron, Jonathan R. Scheerer, MRI: Acquisition-Upgrade of a 400 MHz Nuclear Magnetic Resonance Spectrometer to Facilitate Faculty Research and Improve Student Research and Education, National Science Foundation, \$181,336

Allison, Lizabeth A., Mechanisms Regulating Subcellular Distribution of the Thyroid Hormone Receptor, National Science Foundation, \$233,054

Anderson, Lisa R., Funding for Econ 400: Research Methods in Experimental Economics, Charles G. Koch Charitable Foundation, \$7,500

Armstrong, David, National Institute of Standards and Technology, SURF Fellowship, \$16,670

Armstrong, David, Konstantinos Orginos, Michael R. Pennington, André Walker-Loud, JLab FY14 Student Support, Jefferson Science Associates, LLC, \$135,000

Averett, Todd D., JSA Graduate Fellowship, AY 2013-2014, Jefferson Science Associates, LLC, \$12,000

Bailey, Christopher M., Understanding the Blue Ridge-Piedmont terrane boundary: Geology of the Howardsville 7.5' quadrangle, central Virginia, United States Geological Survey, \$21,395

Barnard, Timothy, William & Mary Global Film Festival, Williamsburg Area Arts Commission, \$7,000

Barrett, Autumn, Michael L. Blakey, Remembering Slavery, Resistance and Freedom: Josephine City Community, Clarke County, Virginia, \$1,500

Berquist, Jr., Carl R., Geologic Mapping in the Yellow Tavern and Quinton Areas of Virginia with Cosmogenic Dating of Selected Colluvium and Pleistocene Terraces, United States Geological Survey, \$15,728

Blakey, Michael L., Community Conversations as Transformational Learning Experiences, Virginia Foundation for the Humanities and Public Policy, \$4,700

Bragdon-Brown, Kathleen, Ethnographic Overview and Assessment of the Cape Cod National Seashore, National Park Service, \$100,000

Carone, Christopher, Marc T. Sher, Josh Erlich, Topics in particle theory, National Science Foundation, \$761,999

Chambers, Randolph M., Reducing bycatch mortality in crab pots (VA), National Oceanic & Atmospheric Administration, \$18,161

Chambers, Randolph M., Testing the Waters: Relationships Among Land Use, BMPs, and Water Quality, Virginia Environmental Endowment, \$13,842

Chambers, Randolph M., Using Created Marshes to Reduce Watershed Non-Point Source Pollution, Virginia Secretary of Natural Resources, \$22,000

Cheng, Tun-Jen, Taiwan and Asia Program Ministry of Foreign Affairs, Taiwan Straits Security Survey, Republic of China (Taiwan), \$100,000

Cooke, William E., Algal aquaculture for nutrient assimilation and removal, Commonwealth Research and Commercialization Fund, \$100,000

Dagleish, Harmony, The interplay of density and insects as drivers of milkweed population dynamics, Virginia Academy of Science, \$1,050

Day, Sarah L., National Science Foundation/University of Minnesota Participant Support Cost Reimbursement Agreement, National Science Foundation, \$18,800

Deconinck, Wouter, Irina B. Novikova, REU Site: Physics Research in the Historic Triangle, National Science Foundation, \$101,699

Deconinck, Wouter, Kostas Orginos, National Nuclear Physics Summer School, Department of Energy/JLAB, \$9,656

Deconinck, Wouter, Kostas Orginos, National Nuclear Physics Summer School, National Science Foundation/University of Washington, \$48,450

Del Negro, Christopher A., Graphene Based Double Layer Capacitor, U. S. Department of the Army/JME, Inc., \$174,500

Del Negro, Christopher A., Neurophysiology of breathing behavior in mammals studied in neonatal mice *in vitro*, National Institutes of Health, \$350,102

Erlich, Josh, QuarkNet, National Science Foundation, \$7,400

Galano, Joseph B., Lee Huntington, Healthy Families Virginia Statewide Evaluation FY 2009-2013, Prevent Child Abuse, Virginia, \$53,096

Gert, Joshua N., *Color, Mind, and World: A Study in Perception*, National Endowment for the Humanities, \$50,400

Greenia, George D., Kathleen E. Jenkins, Barbette S. Spaeth, 2013 Symposium on Pilgrimage Studies, *American Pilgrims on the Camino*, \$2,000

Griffioen, Keith A., Todd D. Averett, *Nucleon Structure Studies*, U.S. Department of Energy, \$402,000

Hahamovitch, Cindy, National Humanities Center Fellowship, National Humanities Center, \$40,000

Heideman, Paul D., R. Heather Macdonald, Marguerite M. Mason, Juanita J. Matkins, Andrew D. Stelljes, *Recruitment, Preparation, and Retention of Mathematics and Science Teachers: Noyce Scholars II Program at the College of William and Mary*, National Science Foundation, \$799,983

Iaci, Ross, *Collaborative Research Renyi Divergence based Robust Inference in Regression, time series and Association studies*, National Science Foundation, \$54,001

Kahn, Jennifer G., CNH: *Socio-Ecosystem Dynamics of Human-Natural Networks on Model Islands*, National Science Foundation, \$327,299

Kelley, Michael J., *Laser polishing: Green Path to improved accelerator surfaces*, U.S. Department of Energy, \$60,000

Kelley, Michael J., Nanotech MS Program, University of Virginia, \$22,000

Krakauer, Henry K., *Ab Initio Computational Studies of Strain-Coupled Properties of Transition Metal Oxides*, Office of Naval Research, \$99,363

LaMar, Michael D., QUBES: *Quantitative Undergraduate Biology Education and Synthesis - NIMBioS Workshop*, Mathematical Association of America, \$2,084

LaMar, Michael D., RCN-UBE Incubator: *An online networking hub for collaboration, discovery, and synthesis in quantitative biology curricula*, National Science Foundation, \$49,971

Leu, Matthias, *Current and predicted human land use effects on ecological processes within and around the Mojave Network Parks*, U.S. Department of Interior, \$5,060

Leu, Matthias. *Methods for assessment of species richness and occupancy across space, time, taxonomic groups, and ecoregions*, U.S. Army Corps of Engineers, \$200,411

Leu, Matthias, Stuart E. Hamilton, *Mapping the distribution of ecological systems in the Eastern Shore Virginia National Wildlife Refuge*, U.S. Fish and Wildlife, \$36,976

Lewis, Robert M., Approximation and model management for optimization of systems governed by flow in porous media, ExxonMobil Upstream Research, \$45,000

Li, Qun, NeTS: Small: Spectrum sensing, allocation, and pricing in cognitive radio networks, National Science Foundation, \$508,000

Luepke, Gunter, Time-Resolved Spectroscopy of Insulator-Metal Transitions: Exploring Low-Energy Dynamics in Strongly Correlated Systems, U.S. Department of Energy, \$60,000

Lukaszew, Rosa A., Investigation of new superconducting materials for the next generation high-gradient RF Cavities for particle accelerators, Department of Energy, \$142,131

Lukaszew, Rosa A., New Photocathode materials for Electron-ion-colliders, U.S. Department of Energy, \$89,000

Lukaszew, Rosa A., VMEC Scholar, FY 2013, University of Virginia, \$10,450

Macdonald, R. Heather, Collaborative Research: On the Cutting Edge: A Community Resource Transforming Geoscience Education, National Science Foundation, \$84,260

Manos, Dennis M., Graphene Carbon Nanomaterials Based Supercapacitors/Batteries, Vertical Carbon Technologies, \$159,960

McGovern, Charles F., National Humanities Center Fellowship, National Humanities Center, \$50,000

McKeown, Robert D., Neutrino Oscillation Physics, National Science Foundation, \$471,999

Mellor, Jennifer M., Evaluation Services for the Health Education and Learning Program, Williamsburg Community Health Foundation, \$4,004

Mellor, Jennifer M., SHIP/BMI Analysis, 2014, Williamsburg Community Health Foundation, \$7,403

Mellor, Jennifer M., Barbara Elizabeth Vestal, SHIP Parent Survey Fielding and Analysis, Williamsburg Community Health Foundation, \$19,150

Mellor, Jennifer M., Barbara Elizabeth Vestal, SHIP Student Survey Fielding and Analysis, Williamsburg Community Health Foundation, \$19,266

Menefee, Sarah I., Tribe Topics: A Safe Spring Break Program at W&M, Virginia Department of Alcohol Beverage Control, \$994

Mordijck, Saskia, Development of long-pulse heating and current drive actuators and operational techniques compatible with a high-Z divertor and first wall, U.S. Department of Energy, \$113,000

Mordijck, Saskia, Validation of Particle Transport Modeling Capabilities, U.S. Department of Energy, \$98,266

Mosca, Matthew, Membership in the Institute for Advanced Study, Mellon Fellowships for Assistant Professors Institute for Advanced Study, \$83,405

Novikova, Irina B., Generation of complex quantum polarization states of light in atomic ensembles via four-wave mixing, National Science Foundation, \$100,000

Novikova, Irina B., Modeling of Pulse Propagation in a Four-Level Atomic Medium for Gyroscopic Measurements, Naval Air Warfare Center, \$194,867

Novikova, Irina B., Nonlinear and Quantum Optical Effects Based on Long-Lived Spin Coherence in Atomic Ensembles at High Optical Depth, Air Force Office of Scientific Research, \$171,402

Outlaw, Ronald A., Vertical Graphene Nanosheet Sampling, Naval Air Warfare Center, \$29,600

Owens, Christopher L., Expanded Acting Company for Julius Caesar, York County Arts Commission, \$450

Pagola, Silvina, X-ray Powder Diffraction Patterns of Organic and Inorganic Materials, International Centre for Diffraction Data, \$2,800

Parks, Bradley C., African Development Bank (AfDB) Geocoding Subaward, Development Gateway, \$12,232

Parks, Bradley C., AidData Organizational Effectiveness Grant, The William and Flora Hewlett Foundation, \$45,000

Parks, Bradley C., Asian Development Bank (ADB) Geocoding Subaward, Development Gateway, \$79,407

Parks, Bradley C., International HIV/AIDS financing – Completing the Picture Reporting on emerging donor HIV financing in 2012, UNAIDS, \$30,000

Parks, Bradley C., Ivory Coast Geocoding Subaward, Development Gateway, \$39,875

Parks, Bradley C., Measuring Resilience, International Livestock Research Institute, \$28,050

Parks, Bradley C., Tracking Chinese Aid to Liberia, Sudan, South Sudan, and the Democratic Republic of Congo, Humanity United, \$79,747

Parks, Bradley C., Tracking GCC Donor Aid Flows, Bill and Melinda Gates Foundation, \$272,532

Parman, John M., Collaborative Research: Opening New Views into Bankruptcy and Credit Markets Using Court Records, National Science Foundation, \$25,515

Peers, Pieter, CAREER: Large Scale Appearance Modeling, National Science Foundation, \$85,832

Peers, Pieter, CGV: Small: Measurement-based Editing of Reflectance Properties in Photographs REU Supplement, National Science Foundation, \$6,000

Peterson, Susan., Michael J. Tierney, Tear Down This Wall: The Theory-Practice Divide and the Promise of Data Driven Reform, John D. and Catherine T. MacArthur Foundation, \$240,000

Poshyvanyk, Denys, REU: Enabling License Compliance Analysis and Verification for Evolving Software, National Science Foundation, \$12,000

Preston, Katherine K., Women Managers of English-Language Opera Companies in Late 19th Century America, National Endowment for the Humanities, \$50,400

Qazilbash, M. Mumtaz, High temperature superconductivity in the iron-based materials, Virginia Space Grant Consortium, \$10,000

Roessler, Philip G., China and the African States, U. S. Agency for International Development, \$85,000

Rossi, Enrico, Designer graphene nanostructures for heterogeneous catalysis, American Chemical Society/Petroleum Research Fund, \$100,000

Rossi, Enrico, Electronic properties of graphene on substrates with strong spin-orbit coupling, Office of Naval Research, \$161,125

Rossi, Enrico, Irina B. Novikova, Computational tools for controlling thin films properties for opto-electronics and nanotechnology applications, Jeffress Memorial Trust, \$100,000

Ruffin, Robert N., FY 2014 Project Grant, Virginia Shakespeare Festival, York County Arts Commission, \$350

Ruffin, Robert N., Virginia Shakespeare Festival 2014, General Operating Grant, Williamsburg Area Arts Commission, Williamsburg Area Arts Commission, \$7,500

Saha, Margaret S., Compensatory Mechanisms Regulating Neurotransmitter Fate Following Notch Signaling Perturbation, National Science Foundation, \$400,000

Saha, Margaret S., Plasticity and Regulation in *Xenopus* Anterior-Posterior Patterning, National Institutes of Health, \$367,500

Scheerer, Jonathan R., Synthesis and Biosynthesis of Loline Alkaloids, A family of Insecticidal and Insect Antifeedant Natural Products, Jeffress Memorial Trust, \$20,000

Schniepp, Hannes C., CAREER: Exploring the Recluse Spider's Nanometer-Thin Silk Ribbons, National Science Foundation, \$90,000

Schniepp, Hannes C., David E. Kranbuehl, Changing the Carbon Oxygen Content of Graphene Oxide in Water Based Polymer Materials to Optimize Performance Properties, U.S. Department of Commerce, \$50,000

Schniepp, Hannes C., Enhanced AFM tool for screening interactions between oil and a solid through a (brine) medium at high temperature and pressure, Shell International Exploration and Production, \$230,772

Schniepp, Hannes C., Structure and shear-induced self-assembly of silk proteins, Jeffress Memorial Trust, \$20,000

Shaw, Leah B., Junping Shi, Multiscale modeling of oyster reef dynamics, National Science Foundation, \$151,328

Shen, Xipeng, CSR: Core: Small: Non-Uniformity Centric Program Optimizations for Dynamic Computations on Chip Multiprocessors, National Science Foundation, \$424,970

Sher, Marc T., Intergovernmental Personnel Act assignment, National Science Foundation, \$174,740

Shi, Junping. Chi-Kwong Li, Gexin Yu, Tanujit Dey, EXTREEMS-QED: Computational and Statistical Theory and techniques in the study of large data sets, National Science Foundation, \$512,613

Smith, Frederick H., DAACS Research Consortium Case Study: ST. Nicholas Abbey, Barbados, Andrew Mellon Foundation, \$5,800

Sonn, Tamara, Winter Institute for Pakistani Teachers of Islamic Studies, U.S. Department of State, \$164,478

Stathopoulos, Andreas, Estimating certain properties of functions of large matrices, National Physical Science Consortium, \$120,000

Stathopoulos, Andreas, Konstantinos Orginos, Collaborative Research: Computing Properties of Hadrons, Nuclei and Nuclear Matter from Quantum Chromodynamics, Department of Energy, \$135,000

Stow, Simon, Copeland Fellowship: The Copeland Colloquium "Catastrophe and the Catastrophic," Amherst College, \$52,500

Swaddle, John P., Daniel A. Cristol, An experimental test of the developmental stress hypothesis fitness consequences of early versus late contaminant exposure, National Science Foundation, \$162,000

Swaddle, John P., Mark K. Hinders, Developing sonic net technology to reduce the risks of bird-aircraft collision, Commonwealth Research and Commercialization Fund, \$99,781

Tierney, Michael J., Ground-Truthing Chinese Development Finance in Africa. United Nations University, \$42,075

Tierney, Michael J., Bradley C. Parks, Cullen S. Hendrix, Program on Climate Change, State Stability, and Political Risk in Africa, U.S. Department of the Army, \$2,660

Tierney, Michael J., Bradley C. Parks, Where the Money Goes: Mapping Aid for Better Impact, United States Agency for International Development, \$5,000,000

Torczon, Virginia, Collaborative: The Virginia Alliance for Graduate Education and the Professoriate, National Science Foundation, \$3,000

Vahala, George M., Unitary Quantum Lattice Algorithms for Turbulence, U.S. Air Force, \$117,349

Vahala, George M., Unitary Qubit Lattice Algorithms for Quantum Turbulence with Non-Abelian Vortices, National Science Foundation, \$215,001

Vahle, Patricia L., Fermilab Intensity Frontier Fellowship for work on NOvA, Fermi National Accelerator Laboratory, \$14,600

Venkataraman, Malathy D., D. C. Benner, Temperature Dependence of CO₂ Broadened Line Widths of H₂O and HDO for Mars, National Aeronautics and Space Administration, \$77,894

Vinroot, Christopher R., Simons Collaboration Grant: Representation Theory and Combinatorics, Simons Foundation, \$35,000

Vold, Robert L., Low Temperature MAS, NMR, Bruker BioSpin Corporation, \$16,872

Vold, Robert L. Gina L. Hoatson, NMR Quadrupolar Spin Probes of Solid State Structure and Dynamics, National Science Foundation, \$259,316

Wang, Haining, Bot or Human? A Behavior--based Classification System, U.S. Department of the Army, \$40,000

Wang, Haining, Investigation on Covert Channel Attacks and Countermeasures in the Cloud, Office of Naval Research, \$10,000

Wustholz, Kristin L., William McNamara, Probing Heterogeneous Electron-Transfer Dynamics of Dyes Attached to Semiconductor Nanoparticles through Robust Covalent Linkages, Research Corporation, \$75,000

Zhang, Shiwei, Fermionic optical lattices: a computational study, Army Research Office, \$100,000

Zhang, Shiwei, Predictive Computing for Condensed Matter, Department of Energy, \$150,000

Zhang, Shiwei, Simons Collaboration on the Many Electron Problem, Simons Foundation, \$167,000

Zhou, Gang, CAREER: Exploiting Sensing Diversity and Conquering Communication Reality for Highly Confident Performance-critical Wireless Sensor Networks, National Science Foundation, \$458,198

Zhou, Gang, Investigating Contextual H-MOG (Hand-movement, -orientation, and -grasp) as a New Modality for Continuous Authentication of Smartphone Users, Air Force Research Lab, \$111,414

REVES CENTER FOR INTERNATIONAL STUDIES

Hanson, Steve, BNU and W&M English as a Second Language Teacher Training Program, Beijing Normal University, \$22,800

Hanson, Steve, Collaborative Education Program, Keio University, \$161,000

Hanson, Steve, Internationalization of US Education in the 21st Century: The Future of International and Foreign Language Studies, Carnegie Corporation of New York, \$50,000

Hanson, Steve, Support for the William and Mary Confucius Institute, Hanban North American Education Inc., \$305,495

SCHOOL OF EDUCATION

Beers, James W., 2014-16 SEED Teacher Leadership Development Grant Application, National Writing Project, \$10,000

Cross, Tracy, Summer Residential Governor's School for Engineering (NASA/NIA) and Marine Science (VIMS), Virginia Department of Education, \$67,654

DiPaola, Michael, 2013 Principals' Academy: Leadership for Learning, U.S. Department of Education, \$67,000

Foster, Victoria A., Charles R. McAdams, MOU New Kent Family Outreach Project, New Kent County Public Schools, \$4,500

Foster, Victoria A., Charles R. McAdams, New Horizons Family Counseling Center, New Horizons Regional Education Center, \$78,650

Gareis, Christopher R., William & Mary Clinical Faculty Program 2013-2014, Virginia Department of Education, \$53,175

Hardinge, Gail B., MCASP-1 Summer Academy, Virginia Beach City Public Schools, \$86,765

Hardinge, Gail B., STEM Academic Professional Development and STEM Summer Academy For Military-Connected Academic and Support Programs, U. S. Department of Defense/Virginia Beach City Public Schools, \$184,025

Hardinge, Gail B., Jacob Joseph, Evaluation of SeaPerch Programs, U. S. Department of Defense/Building Engineering & Science Talent, \$101,885

Hardinge, Gail B., Jacob Joseph, Quantico Summer Academy, U. S. Department of Defense/Building Engineering & Science Talent, \$38,955

Hardinge, Gail B., Jacob Joseph, STEM Academic Professional Development Program and STEM Summer Academy for Military Connected and Academic Support Program (MCASP) -1, U. S. Department of Defense/Virginia Beach City Public Schools, \$11,100

Hardinge, Gail B., Jacob Joseph, Va. Beach Public Schools - STEM Summer Academy, U. S. Department of Defense/Virginia Beach City Public Schools, \$80,725

Korinek, Loraine A., Training and Technical Assistance Center (T/TAC WM), Virginia Department of Education, \$1,280,776

Mason, Marguerite M., George T. Rublein, Tidewater Team to Improve K-2nd Grade Mathematics Achievement, U. S. Department of Education/Virginia Department of Education, \$215,000

Popp, Patricia A., James H. Stronge, Virginia Education for Homeless Children and Youth Program; Project HOPE, Virginia, Virginia Department of Education, \$978,323
Stronge, James H., Performance Evaluation System for Teachers, Educational Specialists, and Administrators in CESA, Cooperative Educational Services Agency, \$70,600

Tieso, Carol L., WJCC Student Internship - Overson, Williamsburg/James City County Public Schools, \$15,000

SCHOOL OF LAW

Criddle, Evan, The Fiduciary Constitution of International Law, McGill University, \$22,735

Jones, Shana C., Building a Resilient Coast: Extending Legal and Policy Services to Virginia's Coastal Communities, National Oceanic & Atmospheric Administration, \$54,269

Jones, Shana C., Building a Resilient Coast: Extending Legal and Policy Services to Virginia's Coastal Communities, National Oceanic & Atmospheric Administration Virginia/Sea Grant Consortium, \$49,091

Jones, Shana C., Chesapeake Bay Sustainability: Implications of changing climate and shifting Management Objectives, National Science Foundation, \$15,000

Jones, Shana C. The Virginia Coastal Adaptation Project, Blue Moon Fund/
Virginia Institute of Marine Science, \$75,573

CENTER FOR CONSERVATION BIOLOGY

Watts, Bryan D., Peregrine Falcon Coastal Management Reports, Virginia Department of Game & Inland Fisheries, \$24,385

Watts, Bryan D., Red-Cockaded Woodpecker Fall Survey, Virginia Department of Game & Inland Fisheries, \$5,000

Watts, Bryan D., Barton J. Paxton, Lake Gaston and Roanoke Rapids Bald Eagle Nest and Productivity Survey, 2014, Dominion Virginia Power, \$14,126

Watts, Bryan D., Barton J. Paxton, Monitoring Avian Productivity and Survivorship (MAPS) at Naval Support Facility, Dahlgren, U.S. Department of the Navy, \$57,840

Watts, Bryan D., Barton J. Paxton, Yadkin Project Bald Eagle Nest and Productivity Survey 2013, Alcoa Power Generating, Inc., \$15,000

Watts, Bryan D., Barton J. Paxton, Elizabeth Mojica, Bald Eagle Nest Surveys at Mason Neck, Occoquan Bay, and Featherstone National Wildlife Refuges 2014, U.S. Fish and Wildlife, \$7,342

Watts, Bryan D., Barton J. Paxton, Elizabeth Mojica, Delineating a Northeast movement corridor for bald eagles, U.S. Fish and Wildlife, \$28,475

Watts, Bryan D., Barton J. Paxton, Elizabeth Mojica, Linking Bald Eagle Communal Roosts to Foraging Areas, U.S. Fish and Wildlife, \$48,413

Watts, Bryan D., Barton J. Paxton, Elizabeth Mojica, Using Brownian Bridge Movement Modeling to develop a utilization probability map for bald eagle hazard assessment within the Northeast, American Wind Wildlife Institute, \$21,308

Watts, Bryan D., Barton J. Paxton, Fletcher M. Smith, Avian Surveys for the Virginia Offshore Wind Technology Advancement Project, Tetrattech, \$6,819

Watts, Bryan D., Elizabeth Mojica, Bald Eagle Nest Surveys at Indian Head, Dahlgren, and Patuxent River, U.S. Department of the Navy, \$6,998

Watts, Bryan D., Elizabeth Mojica, Creation of a National Eagle Roost Registry, American Eagle Foundation, \$9,618

Watts, Bryan D., Elizabeth Mojica, Delineation of Bald Eagle Communal Roosts in the Mid-Atlantic and Northeast US, U.S. Fish and Wildlife, \$31,260

Watts, Bryan D., Fletcher Smith, Estimating Sustainability Limits for Shorebirds Using the Atlantic Flyway, Department of the Interior, \$7,050

Watts, Bryan D., Fletcher M. Smith, Population Estimation and Spatial Distribution of the Wintering Marsh Sparrow Guild in Virginia, Virginia Department of Game and Inland Fisheries, \$29,234

Watts, Bryan D., Michael D. Wilson, Assessing the Role of Marsh Habitat Change on the Distribution and Decline of Black Rails in Virginia, Virginia Department of Game and Inland Fisheries, \$18,300

Watts, Bryan D., Michael D. Wilson, Black Rail Status Survey in Coastal North Carolina, North Carolina Wildlife Resources Commission, \$58,223

Watts, Bryan D., Michael D. Wilson, Status Assessment and Conservation Action Plan for the Eastern Black Rail Across the Southeast Region, U.S. Department of Interior, \$24,087

Watts, Bryan D., Michael D. Wilson, Virginia Offshore Wind Data Gathering Opportunity, Virginia Department of Mines, Minerals and Energy, \$13,596

Watts, Bryan D., Michael D. Wilson, Fletcher M. Smith, Bird Survey and Summary for Fort Lee and Combined Arms Support Command Installation, U.S. Department of the Army, \$20,000

Watts, Bryan D., Michael D. Wilson, Fletcher M. Smith, Re-survey and Status Update of Virginia's Black Rail Population, Virginia Department of Game and Inland Fisheries, \$32,440

Wilson, Michael D., Bryan D. Watts, Red-Cockaded Woodpecker Population Monitoring and Management in the Piney Grove Preserve, The Nature Conservancy, \$20,000

CENTER FOR ARCHAEOLOGICAL RESEARCH

Jones, Joe B. 9416 ATWOOD Rd/I/CRS/FX/WEISS, \$11,131

Jones, Joe B. FORT PICKETT Academic INTERNSHIP/SER/CRS/BR/DW/NT/, Virginia Department of Military Affairs, \$10,387

Jones, Joe B., FORT PICKETT FORESTRY PARCELS - 162 ACRES/I/ARY/ DW, Virginia Department of Military Affairs, \$634,583

Jones, Joe B., KINCORA/I/CRS/LD/DEWBERRY, Dewberry, \$18,718

Jones, Joe B., PETERSBURG NB EASTERN FRONT UNIT/I/ARY/PETERSBURG/PG, National Park Service, \$65,000

Jones, Joe B., RT 172 Widen/I/ARY/HT/, Virginia Department of Transportation, \$12,249

Jones, Joe B., RT 211 Br Repl/I/ARY/PA/VDOT, Virginia Department of Transportation, \$12,590

Jones, Joe B., RT 613 Widen/I/ARY/NK/VDOT, Virginia Department of Transportation, \$7,366

Jones, Joe B., RT 7/690 Interchange Alt 1/I/CRS/LD/DEWBERRY, Dewberry, \$39,161

Jones, Joe B., STAUNTON RIVER BRIDGE BATTLEFIELD/NOM/ CRS/CH/HA/VDHR, Virginia Department of Conservation and Recreation, \$5,512

Jones, Joe B., WREN YARD IRRIGATION/I/ARY/Coord/WB/W&M Facilities, College of William & Mary, \$7,336

Jones, Joe B., Langley Air Force Base, Archaeological Assessment, E. A. Engineering, \$22,941

Jones, Joe B., Archaeological Assessment Barksdale Field House, W&M Facilities, College of William & Mary, \$2,121

Jones, Joe B., Route 0285/Sewer Betterment, Dewberry, \$5019

Jones, Joe B., Bridge Replacement, Virginia Department of Transportation, \$17,092

Jones, Joe B., Archaeological Assessment, Alumni House Project, W&M Facilities, College of William & Mary, \$11,835

Jones, Joe B., Assessment Rt 614, Centreville, Virginia Department of Transportation, \$6,640

Jones, Joe B., Lower Sycoline Survey, Dewberry, \$35,158