

<b>Agency</b>	<b>Title</b>	<b>Award Amount</b>	<b>Performer(s)</b>
Tank-automotive RD&E Center	Target Acquisition Modeling and Polarization Data Analysis	\$196,297	Professor
Naval Postgraduate School	Research to Broaden the Foundation Base for Executive Education Programs Developed and Delivered at the Center for Executive Education (CEE)	\$79,268	Individual
U.S. Army Research Office	Carrier-Phonon Interaction Processes in Quantum Dots	\$28,015	Professor
U.S. Army Research Office	Polar Processes in Type-II Interband Cascade Lasers	\$30,527	Professor University
US Army Chemical School	Technical and Analytical Support for the Military Police Functional Area Assessment (FAA) Task Force	\$11,003	Prime Contractor
Corporate Information & Computing Center	Development of An Efficient Parallelized Algorithm for Shape Extraction from Tagged MRI Images to Run in a Shared Origin Environment	\$25,140	Company
Walter Reed Army Institute of Research	Therapeutic Intervention in Traumatic Brain Injury	\$6,132	Individual
U.S. Army TACOM-ARDEC	Analysis of Cylindrical Magnetron Sputtering System	\$150,409	Professor
U.S. Army TACOM-ARDEC	Advanced Kinetic Energy (KE) Cartridge	\$142,818	Professor
Walter Reed Army Institute of Research	Immune Response in Peruvian Patients with Brucellosis	\$8,410	Professor
Walter Reed Army Institute of Research	Investigation of Expired Nitric Oxide (NO) as a Non-invasive Assessment of Decompensated Shock due to Hemorrhage	\$89,279	Professor
Medical Rsch Inst of Chemical Defense	High Resolution and Solid State Studies of Decontamination Systems for Both Vesicant and Nerve CW Agents and Cholinesterase Related Enzymens by Nuclear Magnetic Resonance (NMR) Spectroscopy	\$118,401	Individual
U.S. Army TACOM-ARDEC	Interior Ballistics, Thermal and Thermo-Chemical Modeling for Gun/Ammunition Systems	\$85,319	Individual
Weapons & Materials Research Directorate	Technical Support and Analysis to Assess Experiments Conducted to Optimize the Design of the Objective Crew Served Weapon (OCSW) System	\$144,975	Individual
Edgewood Chemical Biological Center	Mapping and Manipulating Stress Response Genes in Bacterial Expression Systems to Increase Yields of	\$90,337	University

	Bacterial Expression Systems to Increase Yields of Recombinant Proteins	Professor
Walter Reed Army Institute of Research	Reduction in OP Toxicity and Sequel of Neuronal Cell Death by Huperzine Analogs	\$97,728 Individual
MRMC Congressionally Directed Med Res Pg	Deputy Director for Research Programs	\$51,643 Prime Contractor
U.S. Army TACOM-ARDEC	Interstitial Effects on Refractory Coatings Used for Gun Bore Protection	\$4,061 Individual
U. S. Army Research Office	Assessment of the State-of-the-Art in Low Cost Manufacturing Technologies for Advanced Structural Ceramics and Ceramic Matrix Composites	\$50,900 Professor
Information Science & Tech. Directorate	Study of System Design Issues for a Wireless Communication System Linking CPUs in a Multi-Processor Computer	\$33,079 Professor
Waterways Experiment Station	Technical and Organizational Support for the Federal Integrated Biotreatment Consortium Project Cleanup	\$32,986 Professor
Navy Personnel Command	Computer and Communications Technology on Recruiter Productivity	\$21,535 Professor
Information Science & Tech. Directorate	Air Signatures for TAWS	\$66,400 Company
Edgewood Chemical Biological Center	Linking of Computer Programs and Writing of Subroutines for the 3D Inversion with Mathematical Refining of the Theory	\$13,270 Professor
Natick Soldier Center	Reactive Polymers and Enzymes for CB Agent Deactivation	\$50,900 University Professor
Navy Personnel Command	Advertising to Target Markets	\$51,854 Professor
Navy Personnel Command	Experimental Economics Interactive Team Environment Software	\$39,448 Professor
U.S. Army TACOM-ARDEC	Warheads and Energetics Technology Center	\$106,629 Prime Contractor
Defense Threat Reduction Agency	Support the SS-24 Propellant Disposition Facility Program in Pavlograd, Ukraine	\$48,507 Professor
Aeromedical Research Laboratory	Assessment of Military Visual Problems; Investigations of the Flat Panel Display Technologies	\$9,549 High School Teacher
Waterways Experiment Station	Technical Contributor and Editor for the Advanced Chemical/Biological In Situ Treatment Technology Project	\$4,781 Company
S&T Communications Directorate	Investigation of Antenna Effects Due to Turret Motion	\$44,283 University

Medical Rsch Inst of Infectious Diseases	Use of Genomics and Proteomics to Identify Vaccine Candidates Against Anthrax	\$59,502	Professor
Walter Reed Army Institute of Research	Create a Library of Host Gene Expression Responses to Exposure to Brucella and B. Anthracis	\$111,191	Individual
Walter Reed Army Inst of Research	Development of Cholinesterases as Bioscavengers to Protect against Organophosphate Poisoning	\$28,111	Individual
Aeromedical Research Laboratory	Optimization of Hierarchal Information Designs for Aircraft Multifunction Display and Control	\$16,142	Professor
Aeromedical Research Laboratory	The Relationship Between Real-time, Telemetered Electroencephalographic Data and Flight Performance in a Sleep-deprivation Paradigm	\$14,896	Professor
Aeromedical Research Laboratory	Development of Modular Image Quality Tester for Helmet-Mounted Displays	\$11,206	Professor
Soldier, Biological and Chemical Command Natick Soldier Center	Graphics Communications	\$5,701	High School Teacher
	Gas Phase Activation of Electrospun Carbon Fibers	\$22,184	University
			Professor
Natick Soldier Center	Liquid Transport and Enhanced Wettability of Electrospun Membranes	\$22,282	University
			Professor
Weapons & Materials Research Directorate	Ion Beam Analysis of Light Element Interactions in Gun Barrel Alloys	\$17,358	Professor
Sensors & Electron Devices Directorate	Three Dimensional Holography Using Photorefractive Materials	\$4,828	Professor
Weapons & Materials Research Directorate	Finite Element Modeling for Functional Graded Materials	\$10,336	Professor
Missile Research, Develop. & Engin. Ctr. Weapons & Materials Research Directorate	Statistical Measures Discrimination Quality Analysis	\$9,162	Professor
	Implementation of Composite Material Models with Progressive Damage into Dyna3D	\$16,610	Professor
Weapons & Materials Research Directorate	Stress Waves in a Functionally Graded Finite Strip	\$14,839	Professor
Information Science & Tech. Directorate	Digitization of Urban Morphology Data Sets for WXWEB	\$32,832	Professor
Defense Advanced Res. Projects Agency	HumanID Experimental Methods and Baselineing Effort	\$85,570	University
			Professor
Defense Advanced Res. Projects Agency	HumanID Facial Video Database Collection and Baselineing Effort	\$33,850	Professor
			University

Defense Advanced Res. Projects Agency	Project for Initial Specification and Construction of Human Motion Data to Support of Human Identification at a Distance	\$145,020	Professor Professor University
Natick Soldier Center	NLSRM Code Applications Involving Problems with Time Dependent Nonlinear Optical Parameters	\$98,449	University
Natick Soldier Center	Chemical Heating Analysis	\$8,551	High School Teacher
Natick Soldier Center	Controllable Parachute Clusters	\$4,276	High School Teacher
Natick Soldier Center	Future Field Kitchen Design Study	\$8,551	High School Teacher
Natick Soldier Center	Computer Modeling of Nonlinear Optical Effects	\$5,701	High School Teacher
Information Science & Tech. Directorate	Provide Object Oriented Tools for Data Collection and Analysis of Meteorological Measurements	\$24,724	Professor
Natick Soldier Center	Simulants for Chemical Agents in Tests on Military Clothing	\$5,701	High School Teacher
Waterways Experiment Station	Structural Dynamics	\$17,164	Professor
Edgewood Chemical Biological Center	Bio-Detection	\$4,846	High School Teacher
Night Vision & Electro-Sensors Dir.	Optical Absorption Modeling of MCT Focal Plane Arrays using the FDTD Method	\$54,970	University University
Night Vision & Electro-Sensors Dir.	Atmospheric Turbulence Blur and Aerosol Blur in the Midwave and Longwave Infrared Bands	\$17,591	Professor
Weapons & Materials Research Directorate	Non-Local Algorithm for the RG Ceramic Model	\$10,893	Professor
U. S. Army Research Office	Local Area Network (LAN) Administration, Management, and Configuration Technical Services	\$162,880	Individual
U.S. Army Research Office	ARO Coffee Table Book	\$34,103	Company
U.S. Army Research Office	ARO Welcome Folder and Contents	\$16,290	Company
Walter Reed Army Inst of Research	Conformational Analysis of Peptide Inhibitors of Botulinum Toxin	\$12,918	Professor
Tank-automotive RD&E Center	Hyperspectral Evaluation of Signature Materials	\$6,413	High School Teacher
Waterways Experiment Station	Phytoremediation of Lead Contaminated Soils	\$13,297	Professor
Medical Rsch Inst of Infectious Diseases	Mechanisms of Mosquito Susceptibility to VEE Virus	\$7,302	Professor
Waterways Experiment Station	Environmental Restoration of Heavy Metal Contaminated Soils at Small Arms Ranges	\$15,616	Professor
Human Research & Engineering Directorate	Automation Use Decision Making	\$17,731	Professor
Medical Rsch Inst of Chemical Defense	Analysis of Thiodiglycol Liberated from Plasma, Whole Blood, and Skin Proteins	\$17,662	Professor
U. S. Army Research Office	Workshop on Biomolecular Signalling, Energy Transfer and Transduction Processes	\$26,796	Prime Contractor

Human Research & Engineering Directorate	Cognitive Engineering of Strategic C2 Systems: Development of Performance Measures	\$10,687	Prime Contractor
Army Engineer Center	Technical and Analytical Support for the Countermine Capabilities Set	\$162,144	Prime Contractor
Navy Personnel Command	Evaluation of Navy Family Service Programs to Readiness and Retention	\$22,406	Professor
U. S. Army Research Office	Plasmon Effects in Intersubband Lasers	\$33,614	Professor Professor
U. S. Army Research Office	Interface Phonon Effects on Carrier Capture in Quantum Well Lasers	\$59,230	Professor University
U. S. Army Research Office	Interaction Strengths for Gamma-Stimulated Transitions in Selected Nuclei	\$33,732	Professor Professor University
Medical Rsch Inst of Chemical Defense	Development of Hybrid Organic/Inorganic Bridged Polysilsesquioxanes as Reactants for Reactive Topical	\$15,732	University Professor
Waterways Experiment Station	Ecosystem Management and Restoration Research Program	\$4,561	High School Teacher
Natick Soldier Center	Interactions Among Food, Packaging and Processes	\$7,126	High School Teacher
Natick Soldier Center	Effect of Moment of Inertia on Load Carriage	\$5,701	High School Teacher
Edgewood Chemical Biological Center	Biosensor Testing and Assessment	\$4,988	High School Teacher
Natick Soldier Center	First Strike Ration Optimization	\$7,126	High School Teacher
Natick Soldier Center	Ultrastructure of Intermediate Moisture Foods	\$7,126	High School Teacher
Medical Rsch Inst of Infectious Diseases	Validation of SEA and SEB ELISA's	\$4,988	High School Teacher
Tank-automotive RD&E Center	Applications of Virtual Environments to Product & Process Design, Integrating Annotation Tools to Support Product Design Reviews	\$23,108	Professor
Night Vision & Electro-Sensors Dir.	Non-Linear Optical Devices	\$4,872	Professor
Night Vision & Electro-Sensors Dir.	Non-Linear Optical Devices	\$16,746	Professor
Weapons & Materials Research Directorate	The Characterization and Processing of Nanomaterials	\$17,611	Professor
U.S. Army Research Office	Assessment of Optical Printing Technical Issues	\$124,303	University
U.S. Army TACOM-ARDEC	Thermochemical Equation of State Development for High Explosives	\$14,252	Professor
Walter Reed Army Institute of Research	Defining Innate Immunity in the Respiratory Tract to Staphylococcal Enterotoxin B	\$53,331	Professor

Walter Reed Army Institute of Research	Effects of Duffy Antigen and P35 Vaccinia Virus Protein on Staphylococcal Enterotoxin B (SEB) Intoxication	\$59,420 Individual
Tank-automotive RD&E Center	Simulation of Time Series Originating from Structural Dynamics	\$81,287 Professor University
Edgewood Chemical Biological Center	Performance Evaluation of Pyrotechnic Compositions	\$7,126 High School Teacher
Tank-automotive RD&E Center	Planar and Spatial Vector Dynamics	\$12,216 Professor
Weapons & Materials Research Directorate	Characterization of Powders for Ceramic Armor	\$11,569 Professor
Waterways Experiment Station	Logistic-Over the Shore/Rapidly Installed Breakwater Systems	\$7,126 High School Teacher
Weapons & Materials Research Directorate	Properties of SiC Particulate/Al Metal Composites	\$9,258 Professor
Naval Postgraduate School	Development of Online Recruiting Station (ORS) Web Site	\$53,793 Individual
Medical Rsch Inst of Chemical Defense	Protocol for the Evaluation of Human Metabolism and Interactions of Deployment- related Chemicals	\$76,434 Individual
Intelligence & Information Warfare Dir.	Physics-Based Modeling of Lossy Ceramic Acoustic-Wave Devices	\$23,127 Company
Engineering Rsch & Development Center	Metadata Catalogue for Fort Hood Endangered Species Research	\$7,126 High School Teacher
Walter Reed Army Institute of Research	Therapeutic Intervention in Combined Fluid Percussion and Hemorrhage	\$49,190 Individual
Walter Reed Army Institute of Research	Support for Genetic Fingerprinting of Yersinia Pestis	\$116,732 Individual
Walter Reed Army Institute of Research	Tetracycline Resistance DNA Probe Research and Development	\$137,898 Individual
U.S. Army Institute of Surgical Research	LEAP/Biomechanical Evaluation	\$18,306 Professor
Intelligence & Information Warfare Dir.	Automation of Statistical Analysis of Data Using Access, Visual Basic and Excel	\$5,701 High School Teacher
Missile Research, Develop. & Engin. Ctr.	Electronic Circuit Simulation	\$4,276 High School Teacher
Missile Research, Develop. & Engin. Ctr.	Electronic Circuit Simulation	\$4,276 High School Teacher
Navy Personnel Command	Parameter Update, Simulation, and Documentation for CLASP/RIDE	\$16,777 Individual
Navy Personnel Command	Assessing Adolescent Psychopathology as a Predictor of Poor Psychological Adjustment to Military Service- Evaluation of Existing Literature and Recommendations	\$21,683 Individual

Navy Personnel Command	Assessing Health Psychology and Psychopathology as Predictors of Psychological Adjustment to Military Service-Evaluation of Existing Literature and Recommendations	\$33,206	Professor
Navy Personnel Command	Assessing Psychopathology as a Predictor of Poor Psychological Adjustment to Military Service-Evaluation of Existing Literature and Recommendations	\$29,117	Professor
Tank-automotive RD&E Center	Development of a Virtual Lab for Intelligent Mobile Robots	\$38,424	University
Tank-automotive RD&E Center	Thermal Wave Imaging of Bearing Ceramics	\$7,126	High School Teacher
Tank-automotive RD&E Center	The Structure of Support Vector Machines	\$92,235	University
Tank-automotive RD&E Center	Generalized Covariances and Nonparametric Estimation	\$69,941	University
Naval Air Warfare Ctr. Training Sys. Div	Redefining On-The-Job Training in the New Millennium	\$37,540	Company
Tank-automotive RD&E Center	Immersive Collaborative Environments	\$68,750	University
Tank-automotive RD&E Center	Human Motion Simulation	\$101,800	University
PM NBC	M40 Protective Mask Production Program	\$7,126	High School Teacher
U. S. Army Research Office	An Assessment of Several Aspects of Computing and Computational Science in Information Technology	\$98,705	University
Naval Air Warfare Ctr. Training Sys. Div	Development of a Guide for Crew Resource Management (CRM) Development	\$55,045	Professor Professor
U. S. Army Research Office	Innovative Enhancements to an RF Circuit Simulator based on a State Variable Formulation	\$27,037	University
Medical Rsch Inst of Chemical Defense	Analysis of DNA Damage due to Low-level Exposure of Immortalized Human Keratinocytes to Sulfur Mustard and the Arsenic Derivative Lewisite	\$31,688	University
Topographic Engineering Center	Corps of Engineers Production of Electronic Chart Databases for Use in the Safety of Navigation	\$36,648	Company
Corporate Information & Computing Center	Development and Analysis of Algorithms for Localization, Tracking, and Identification of Moving Sources with Aeroacoustic Sensors	\$22,899	Professor
Naval Air Warfare Ctr. Training Sys. Div	Improving the Experimental and Training Usefulness of the Georgia Tech Aegis Simulation Platform	\$67,050	Professor University
Tank-automotive RD&E Center	Photothermal-Piezoelectric Measurement of Residual Stresses	\$5,085	Professor
Corporate Information & Computing Center	Concurrent Engineering Applications for Process Modeling, Manufacturing and Structural Integrity for	\$149,646	University Professor

U. S. Army Research Office	Structural Phase Transitions of Bending Bucky Tubes	\$25,380	Professor University
Walter Reed Army Institute of Research	Create a Library of Host Response Marker Genes for BW Agents	\$43,027	Individual
Walter Reed Army Institute of Research	Adipocyte-Fatty Acid Binding Protein as Tumor Suppressors in Prostate Cancer	\$46,296	Individual
Walter Reed Army Institute of Research	Construction of Attenuated Strains of Shigella as Vaccine Vectors Capable of Expressing Heterologous Antigen from Other Diarrheal Pathogens	\$148,729	Individual
Navy Personnel Command	Development of a Navy-Wide, Web-Based, Exit/Retention Survey	\$84,443	Company
Marine Corps Air Ground Combat Center	Site Investigation and Evaluation of Corrective Action Plan for UST Site 1077 MCAGCC Twentynine Palms, CA	\$116,735	Prime Contractor
Natick Soldier Center	Aerosol Threat Mediation through Electrostatic Property Enhancement	\$46,670	Professor University
Natick Soldier Center	Aerosol Threat Mediation through Textile Structural Arrangement	\$37,260	Professor
US Army Corps of Engineers	NY/NJ Harbor Sediment Beneficial Use Economic Benefit Cost Analysis	\$150,864	Prime Contractor
Edgewood Chemical Biological Center	Design and Analysis of Aerosol Inlets, Collectors, and Experimental Methodology	\$135,184	University
Naval Air Warfare Ctr. Training Sys. Div	Instructional Principles for the Design of Distributed Training Systems	\$37,034	Professor
Defense Advanced Res. Projects Agency	An Investigation into the Structure of Perceptual Face-Space	\$64,571	Professor University
Navy Personnel Command	Teams, Strategic Games and Optimal Outcomes	\$23,925	Professor
Navy Personnel Command	Visual Information Analysis	\$10,994	Professor
U. S. Army Research Office	Slow Molecular Processes to Avoid Materials Failure	\$29,064	University
Walter Reed Army Institute of Research	Evaluating Behavioral Effects of Chemical Agent Therapeutics and Prophylactics in Animal Models of Learning and Memory	\$40,708	Individual
MRMC Congressionally Directed Med Res Pg	Grants Manager	\$35,510	Prime Contractor
Walter Reed Army Inst of Research	Development of Advanced Methods to Test for Anti-Squalene Antibodies in Serum	\$36,648	Individual