

**WINNERS OF THE FY 2007 COMPETITION UNDER THE DEFENSE UNIVERSITY RESEARCH INSTRUMENTATION PROGRAM -- Page 1 of 6**

<b>Principal Investigator</b>	<b>Institution</b>	<b>ST</b>	<b>Brief Description of Instrumentation or Research it Supports</b>	<b>Awarding Office*</b>
Venkataramana Ajarapu	Iowa State University	IA	Simulation, Control and Testing of Power and Power Electronics Systems	ONR
Moeness Amin	Villanova University	PA	Test and Measurement Instrumentation for Transparent Urban Structure	ONR
Ellen Arruda	University of Michigan - Ann Arbor	MI	Structural and Mechanical Characterization for Impact-Resistant Nanocomposites	ONR
Mohsen Badiey	University of Delaware	DE	Multiple-input Multiple-output Transceiver Systems on Autonomous Underwater Vehicles	ONR
Charles Bakis	Pennsylvania State University	PA	Research on Safety, Survivability, and Enhanced Performance of Naval Rotorcraft	ONR
Balakumar Balachandran	University of Maryland - College Park	MD	Optical Equipment for Motion Characterization	ONR
Edward Banatoski	University of Texas - Pan American	TX	Instrumentation for Antenna, Scatterer, Semiconductor Characterization	ARO
Richard Baraniuk	Rice University	TX	Compressive System for Multidimensional Data Acquisition	ONR
Steven Barnett	Pennsylvania State University	PA	Underwater Acoustic Test Instrumentation Upgrade	ONR
Dimitri Basov	University of California, San Diego	CA	Infrared Microscope with Nanoscale Spatial Resolution for Materials Research	ONR
Amr Baz	University of Maryland - College Park	MD	Particle Image Velocimetry--Hydrodynamics of Undersea Vehicles and Propulsors	ONR
Guillermo Bazan	University of California - Santa Barbara	CA	Optical and Multimode Scanning Probe Microscope for Materials Characterization	ONR
Nicholas Bigelow	University of Rochester	NY	Polar Molecule Strategic Development Equipment	ARO
Sibani Biswal	Rice University	TX	Imaging Magnetic Nanofilms Using Ellipsometry	ONR
Andrew Bowen	Woods Hole Oceanographic Institution	MA	Ultra-Short Baseline Navigation Systems--Deep Submergence Research	ONR
Paul Braun	University of Illinois - Urbana-Champaign	IL	Fluorescence Correlation Spectrometry System for Activation Analysis	ARO
Michael Buckingham	University of California Scripps Institution of Oceanography	CA	Hydrophones for Acoustic Exploration of the Extreme Depths of the Ocean	ONR
Robert Carpick	University of Pennsylvania	PA	Atomic Force Microscopy for Advanced Nanotribology Research	AFOSR
Matthew Cavalli	University of North Dakota	ND	Instrumentation for Research on Fatigue and Corrosion	ONR
Nicholas Cernansky	Drexel University	PA	Injection Seeded Single Mode Laser System for Combustion Research	ARO
Venkat Chandrasekhar	Northwestern University	IL	Multi-mode Scanning Probe Microscope	ARO
Mainak Chatterjee	University of Central Florida	FL	Wireless Broadband Testbed for High-Bandwidth Streaming Applications	AFOSR
Weinong Chen	Purdue University	IN	High-Speed X-Ray Diagnostic System	ARO
Yong Chen	Purdue University	IN	Instrumentation for Research on Quantum Gases with Tunable Interaction	ARO
Zhan Chen	University of Michigan - Ann Arbor	MI	Four-Wave Mixing Spectroscopy and Imaging to Understand Biofouling	ONR
Fow-Sen Choa	University of Maryland - Baltimore County	MD	Metal Organic Chemical Vapor Deposition for Quantum Cascade Laser Fabrication	ONR
Song Choi	University of Hawaii - Manoa	HI	Recirculating Flume for Research on Unmanned Undersea Vehicles	ONR
Inderjit Chopra	University of Maryland - College Park	MD	Instrumentation for Development of Micro Hovering Air Vehicles	ARO
Chiara Cirelli	University of Wisconsin - Madison	WI	Equipment for Screening of Sleep Mutants in Drosophila	ARO
Jonathan Cohen	Princeton University	NJ	Computing System for Modeling of Brain Function and Neuroimaging Analysis	AFOSR
F. Crim	University of Wisconsin - Madison	WI	Femtosecond Stimulated Raman Spectroscopy for Time-resolved Photoisomerization	AFOSR
Alfred Crosby	University of Massachusetts - Amherst	MA	Optical Equipment for Characterizing Responsive Polymer Surfaces	ARO
Steven Danyluk	Georgia Institute of Technology	GA	Validating Computational Models and Simulations of Electromagnetic Launcher Bore Life	ONR
Ronald DeVore	University of South Carolina	SC	Computational Investigations in Capturing Sparsity in Very High Dimensions	ONR
James Dickens	Texas Tech University	TX	Diagnostics for Research on Countering Innovative Explosive Devices	ONR

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Jean-Claude Diels	University of New Mexico - Valencia	NM	Instrumentation for Research on Light Filaments for Detection	ARO
James Duncan	University of Maryland - College Park	MD	Study of Air Entrainment and Spray Production in the Hull Boundary Layer	ONR
John DuPont	Lehigh University	PA	Thermo-Mechanical Simulator for Research in Engineering Materials	ONR
James Gary Eden	University of Illinois - Urbana-Champaign	IL	Laser Spectroscopy for Ultraviolet Lasers, Quantum Beating, and Microplasma Arrays	AFOSR
Fokion Egolfopoulos	University of Southern California	CA	Fluid Measurement for Flame Studies of Neat Fuels, Jet Fuels, and Their Surrogates	AFOSR
Hergen Eilers	Washington State University	WA	Analysis of Properties of Nanocomposites	ARO
Stephen Elgar	Woods Hole Oceanographic Institution	MA	Sensor Array to Measure Circulation and Morphological Evolution in Macrotidal Mud Flats	ONR
Richard Ellis	Wayne State University	MI	System to Evaluate Augmented Reality-enhanced Human-Robot Interaction	ARO
Nuri Emanetoglu	University of Maine - Orono	ME	Photonics Instrumentation	ARO
Gregory Engel	University of Chicago	IL	Ultrafast Laser to Study Photochemical Reactions for Developing Mechanistic Control	AFOSR
Mark Eriksson	University of Wisconsin - Madison	WI	Instrumentation for Development of Silicon-based Quantum Computing	ARO
Horacio Espinosa	Northwestern University	IL	Research in Mechanics, Structural and Chemical Analysis, and Nano Scale Lithography	ONR
Anthony Evans	University of California - Santa Barbara	CA	High-Velocity Test and Analysis for Force Protection Research	ONR
Hermann Fasel	University of Arizona - Tucson	AZ	Stereo Particle Image Velocimetry for Investigations of Unsteady 3-D Separation	ONR
Daniel Gauthier	Duke University	NC	Characterizing Complexity-Based Sensor Networks	ONR
Jan Genzer	North Carolina State University	NC	Construction of Kerr Effect Apparatus for Polymer Characterization	ARO
Mario Gerla	University of California - Los Angeles	CA	Vehicular Test Bed for Validating Propagation, Mobility, and Dissemination Models	ARO
Dominic Gervasio	Arizona State University	AZ	Surface Area and Porosity Measurement Instrumentation for Catalyst Development	ARO
James Gibson	University of California - Los Angeles	CA	High-Energy Lasers and Laser Communication: Control, Filtering & System Identification	AFOSR
Mark Gilmore	University of New Mexico - Albuquerque	NM	Surface Plasma Imaging and Optical Spectroscopy in High-Power Microwave Sources	AFOSR
Phillip R. Goode	New Jersey Institute of Technology	NJ	Next Generation Synoptic Telescope for Innovative Space Weather Research	AFOSR
Deborah Goodings	University of Maryland - College Park	MD	Instrumentation for Survivable Vehicle Research	ONR
Hans Graber	University of Miami	FL	Air-Sea Interaction Spar Buoy Systems	ONR
Robert Grossman	University of Illinois - Chicago	IL	Instrumentation to Study High-Volume Data Flows in Teraflow Networks	ONR
David Hall	Pennsylvania State University	PA	Extreme Events System for Network Centric Situation Assessment and Decision Making	AFOSR
Donhee Ham	Harvard College	MA	Terahertz Plasmonic Science with Low-Dimensional Carbon Nanotubes and Graphene	AFOSR
Tracy Handel	University of California - San Diego	CA	Scintillation and Luminescence Counter	ARO
Srikanth Hariharan	University of South Florida - St. Petersburg	FL	Instrumentation to Study Tunable Electromagnetic and Thermophysical Properties	ARO
Lawrence Harshman	University of Nebraska	NE	Single Nucleotide Polymorphism Genotyping	ARO
William Hase	Texas Tech University	TX	Computer Cluster for Chemical Dynamics Simulation	ONR
Michael Hayden	University of Maryland - Baltimore County	MD	Fiber-based Terahertz Spectroscopic System for Electro-optic Polymer Research	AFOSR
Wesley Henderson	North Carolina State University	NC	Thermal and Spectrometric Instrumentation for Biomass and Chemical Processing	ARO/AFOSR
John Herbst	University of Texas - Austin	TX	Energy Storage Instrumentation	ONR
Mark Hersam	Northwestern University	IL	Instrumentation for Nanoscale Probing of Electrical Signals in Biological Systems	ARO
Arthur Heuer	Case Western Reserve University	OH	Low-Temperature Carburization Furnace for Corrosion, Wear, and Fatigue Research	ONR

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Gregory Hilmas	University of Missouri - Rolla	MO	Laser Flash Thermal Property Analyzer for Investigating High-Temperature Ceramics	AFOSR
William Hodgkiss	University of California - San Diego	CA	Software Defined Acoustic Modem	ONR
Mark Horn	Pennsylvania State University	PA	Real-time Spectroscopic Ellipsometer for Microbolometer Material Studies	ARO
Tihomir Hristov	Johns Hopkins University	MD	Instrumentation for Wave and Turbulence Measurements in the Open Ocean	ONR
Markus Huettel	Florida State University	FL	Detecting, Quantifying, and Analyzing Free Gas in Estuarine and Coastal Sand Sediment	ONR
Gregory Huff	Texas A&M University - Engineering Experiment Station	TX	Automated Electromagnetic Measurement System	ARO
Diana Huffaker	University of California - Los Angeles	CA	Phosphorous Epitaxy and Recovery System for Surface Emitting Laser Development	AFOSR
Debdeep Jena	University of Notre Dame	IN	Characterizing Transport in Electronic, Optical, and Multifunctional Materials and Devices	AFOSR
Mark Johnson	North Carolina State University	NC	Induced Electron Beam Instrumentation	ARO
Ronald Jones	University of Arizona - Tucson	AZ	Laser Instrumentation for Cooling and Trapping of Atomic Mercury	AFOSR
Eric Jordan	University of Connecticut	CT	Dual-Beam Focused Ion Beam/Scanning Electron Microscope--Nanomaterials Research	ONR
Gabor Karsai	Vanderbilt University	TN	Computing Instrumentation for Distributed Embedded Systems Design	AFOSR
George Kattawar	Texas A&M University	TX	Ultrashort Laser Pulse Propagation in Water	ONR
Bhattacharya Kaushik	California Institute of Technology	CA	Computational Instrumentation for the Design of Active Materials	ARO
Robert Kelly	University of Virginia - Charlottesville	VA	Scanning Kelvin Probe for Studies of Corrosion Under Atmospheric Exposure	ONR
Paul Kintner	Cornell University	NY	Signal Simulator, Antennas, and Associated Hardware for Space Weather Monitoring	ONR
Narayanan Komerath	Georgia Institute of Technology	GA	Tomographic Diagnostic System for Rotary Wing Flows	ARO
Thomas Kuech	University of Wisconsin - Madison	WI	In Situ Measurement System for Defect Kinetics and Strain Relaxation Research	ARO
Prem Kumar	Northwestern University	IL	Instrumentation for Research on Quantum Communications Networks	AFOSR
John Lambros	University of Illinois - Urbana-Champaign	IL	Laser Vibrometer to Study the Dynamic Response of Microelectromechanical Systems	ARO
Andre Lee	Michigan State University	MI	Vibrational Spectroscopic Analysis on the Deformation Behavior of Hybrid Polymers	AFOSR
Wenke Lee	Georgia Institute of Technology	GA	Robot Network (Botnet) Remediation Instrumentation	ARO
Jiangju Li	University of Washington	WA	High-Fidelity Nanomechanical Characterization System for Multifunctional Materials	ARO
Mo Li	Georgia Institute of Technology	GA	Computing Cluster for Atomistic and Constitutive Modeling	ARO
Xiaoqin Li	University of Texas - Austin	TX	Instrumentation for Characterization of Spintronic Materials and Devices	AFOSR
Charles M. Lieber	Harvard College	MA	System for Nanoscale Electrical Characterization of Microbial Fuel Cells	AFOSR
Patrick LiKamWa	University of Central Florida	FL	Laser System for Characterization of Quantum Dot Optical Switches	ARO
Jie Liu	Duke University	NC	Plasma-Assisted Chemical Vapor Deposition System	ARO
Jyh-Charn Liu	Texas A&M University - Engineering Experiment Station	TX	Instrumentation for Line-speed Traffic Anomaly Research	ARO
Ying Liu	Pennsylvania State University	PA	Research on Novel Quantum States in Matter	ARO
Bruce Locke	Florida State University	FL	Equipment for Characterization of Nanostructured Biomaterials	ARO
Marko Loncar	Harvard College	MA	Time-resolved Characterization of Light-matter Interaction in Nanophotonic Devices	AFOSR
H. Lu	Bowling Green State University	OH	Novel Single-Molecule Ultramicroscopy to Control Protein Conformations	ARO
Hideo Mabuchi	Stanford University	CA	Optical-Lattice Laser System for Many-Atom Entanglement	ONR
Andrew Makeev	Georgia Institute of Technology	GA	Accurate Full-Field Deformation and Surface Shape Measurement Equipment	ARO

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Omar Manasreh	University of Arkansas	AK	Etching and Deposition for Multi-color, Long-Wavelength Infrared Photodetectors	AFOSR
Bangalore Manjunath	University of California - Santa Barbara	CA	Large-Scale Multimodal Wireless Sensor Network	ONR
John Martinis	University of California - Santa Barbara	CA	Instrumentation for Scaling Up Superconducting Quantum Computing	ARO
Richard Martukanitz	Pennsylvania State University	PA	Fiber Laser for Research on Fabrication and Repair of Structures and Components	ONR
Sudip Mazumder	University of Illinois - Chicago	IL	Simulation to Analyze Power and Control Network and Hardware-in-the-Loop Testing	ONR
Patrick McCluskey	University of Maryland - College Park	MD	High-Resolution Infrared Thermal Imaging for Evaluating Power Electronic Cooling	ONR
Richard McLaughlin	North Carolina State University	NC	High-Definition Surveying System for Monitoring Terrain Dynamics	ARO
Kathleen Melde	University of Arizona - Tucson	AZ	Equipment for Flexible Microwave Circuit Characterization	ARO
W. Kendall Melville	University of California Scripps Institution of Oceanography	CA	Unmanned Vehicle System and Thermographic Imaging: Research on Air-Sea Interface	ONR
Michael Mendillo	Boston University	MA	Instrumentation for Tracking Radio-Disrupting Ionospheric Disturbances	ONR
James Mercer	University of Washington	WA	Towed Instrumentation for Ocean Conductivity, Temperature, and Depth Measurement	ONR
Harold Metcalf	State University of New York - Stony Brook	NY	Optical Manipulation of Free Atoms and Quantum Gases	ONR
Jennifer Miksis-Olds	Pennsylvania State University	PA	Combining Active and Passive Acoustics to Study Marine Mammals	ONR
Chad A. Mirkin	Northwestern University	IL	Nuclear Magnetic Resonance: Organic and Inorganic Molecules and Nanostructures	AFOSR
Robert Miyamoto	University of Washington	WA	Research on Tactical Mobile Acoustic Support System	ONR
Jerome Moloney	University of Arizona - Tucson	AZ	Research on Extreme Nonlinear Optics and Laser-Induced Plasma Channels	AFOSR
Jin Kim Montclare	Polytechnic University	NY	High-Throughput Robotic Systems for Streamlined Synthesis of Engineered Proteins	AFOSR
Jagadeesh Moodera	Massachusetts Institute of Technology	MA	Josephson Junction & Spintronic Devices: Fabrication, Characterization, and Transport	ONR
Kristi Morgansen	University of Washington	WA	Unmanned Underwater Vehicles:Autonomy Algorithms with Limited Communication	ONR
Barclay Morrison	Columbia University	NY	Advanced Flow Cytometry Instrumentation	ARO
Javier Movellan	University of California - San Diego	CA	Cluster for Datamining Social Behavior	ONR
Margaret Murnane	University of Colorado - Boulder	CO	Research on Atomic Behavior and Atomic and Molecular Attosecond Science	ARO/AFOSR
Paul Murray	University of Dayton	OH	Instrumentation for Diagnostics and Control of Real Time Processes	ARO
Shahriar Negahdaripour	University of Miami	FL	Blue View Sonar Cameras for Stereo Imaging	ONR
Brian Nelson	University of Washington	WA	Computational Cluster for Plasma Physics Simulations	AFOSR
Charles Nittrouer	University of Washington	WA	Instrumentation to Investigate Tidal-Flat Sedimentary Dynamics	ONR
Irina Novikova	College of William and Mary	VA	Instrumentation for Research on Quantum optics and Ultracold Molecular Gases	ARO
Ryan O'Hayre	Colorado School of Mines	CO	Microscope for Nanometer Scale Physical and Chemical Characterization	ARO
Jiwoong Park	Cornell University	NY	Near Infrared Confocal Optical Microscope: Electronics and Optoelectronics Research	AFOSR
Vijay Patel	State University of New York - Stony Brook	NY	Electron Beam Lithography System for Nanotechnology Investigations	AFOSR
Robert Peale	University of Central Florida	FL	Tunable Wavelength-Selective Plasmonic Terahertz Detector	AFOSR
Thomas Pearl	North Carolina State University	NC	Low and Variable Temperature Dynamic Force Microscope with Atomic Resolution	ARO
Kent Peaslee	University of Missouri - Rolla	MO	Materials Science Research: Instrumentation for Characterizing Inclusions	ARO
David Pendergast	University of Buffalo	NY	Hyper/Hypobaric Chamber: Study of Physiology in Deep Diving and at High Altitudes	ONR
Nasser Peyghambarian	University of Arizona - Tucson	AZ	Image Recording with Full Parallax 3-D Display Using Photorefractive Polymer Devices	AFOSR

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Shashi Poha	Pennsylvania State University	PA	Instrumentation for Research on Resilient Sensor Networks	ARO
Robert Pinkel	University of California Scripps Institution of Oceanography	CA	High-Resolution Vertically-Profiling Floats for Oceanographic Research	ONR
Philippe Piot	Northern Illinois University	IL	Laser Oscillator for Electron Source to do Free-Electron Laser Beam Diagnostics	ONR
Christian Poellabauer	University of Notre Dame	IN	Test Bed for Experiments on Wireless Mesh Networks	ONR
Howard Poizner	University of California - San Diego	CA	Imaging System to Measure Motor Behavior Effects on Brain Dynamics	ONR
Juergen Polle	City College of New York - Brooklyn College	NY	Fluorescence-Aided Cell Sorting in Bioprospecting of Microalgae for Jet Fuel Research	AFOSR
Qinru Qiu	State University of New York - Binghamton	NY	Processing and Classification of Sensor Array Data Using Reconfigurable Hardware	AFOSR
Ramesh Ramamoorthy	University of California - Berkeley	CA	Data Acquisition for Study of Complex Functional Oxide Materials on Semiconductors	ARO
Helen Reed	Texas A&M University - Engineering Experiment Station	TX	Proximity Operations Equipment to Validate Multi-vehicle Autonomous Functioning	AFOSR
Kathleen Richardson	Clemson University	SC	Structural Characterization of Optical Fiber Materials for Mid-Infrared Applications	AFOSR
Martin C. Richardson	University of Central Florida	FL	Laser Ignition Instrumentation for Energetic Materials	ARO
Alexander Rimberg	Dartmouth College	NH	Recondensing for Electron Spin Resonance and Coherent Spin Control in Quantum Dots	ARO
Steven Ringel	Ohio State University	OH	Spatially Resolved Spectroscopy and Thermal Imaging: Wide Bandgap Semiconductors	ONR
William Roberts	North Carolina State University	NC	Instrumentation for Species Measurements in High-Pressure Flames	ARO
John Rodgers	University of Maryland - College Park	MD	Equipment to Investigate High-Power Microwave Effects in Digital Electronic Systems	AFOSR
Michael Roukes	California Institute of Technology	CA	Workstations for Studying the Cell-Mechanical Interface	ARO
Wolfgang Rudolph	University of New Mexico - Valencia	NM	Pulsed Infrared Spectrometer	ARO
Thomas Sanford	University of Washington	WA	Temperature, Velocity, and Salinity Profiling Floats for Oceanographic Research	ONR
S. Sastry	University of California - Berkeley	CA	Instrumentation for High-Speed Navigation Experiments	ARO
Steven Schneider	Purdue University	IN	Equipment for Research on Hypersonic Boundary Layer Transition	AFOSR
Oscar Schofield	Rutgers, The State University of New Jersey	NJ	Research on Continental Shelf Characterization with Satellites and Gliders	ONR
Kalyanasundaram Seshadri	University of California - San Diego	CA	Instrumentation for High-Pressure Combustion Experiments	ARO
Shishir Shah	University of Houston	TX	Smart Camera Network Instrumentation for Collaborative Mission Research	ARO
Shihab A. Shamma	University of Maryland - College Park	MD	Imaging Systems for Identification of Multiple Neural Processing Maps in Auditory Cortex	AFOSR
Max Shtein	University of Michigan - Ann Arbor	MI	Deposition Equipment for Processing Active Fibers	AFOSR
Arun Shukla	University of Rhode Island	RI	Digital Image Correlation System for Dynamic Displacement and Strain Measurements	ONR
Sivalingam Sivananthan	University of Illinois - Chicago	IL	Narrow Gap Semiconductor Materials Studies	ARO
Douglas Smith	University of Wyoming	WY	Matched-Index-of-Refraction Flow Equipment	AFOSR
Edward Smith	Pennsylvania State University	PA	Instrumentation for Active Durable Rotor Experiments	ARO
Mischa Steurer	Florida State University	FL	Test Stand Upgrade for High-Speed Machine Testing	ONR
Ghatu Subhash	University of Florida	FL	Plasma Pressure Compaction Equipment for Consolidation of High-Temperature Ceramics	AFOSR
Douglas Summerville	State University of New York - Binghamton	NY	Testbed for Reconfigurable Network Security Research	AFOSR
Jian-Qiao Sun	University of California - Merced	CA	Characterization of Aerodynamic Response of Micro-Aerial Vehicles with Flexible Wings	AFOSR
Krzysztof Szalewicz	University of Delaware	DE	Computer Cluster for Calculations on Large Energetic Molecules	ARO
James Turner	Virginia Commonwealth University	VA	Krypton Ion Laser	ONR

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Eric Terrill	University of California Scripps Institution of Oceanography	CA	Instrumentation for Wave and Coastal Measurements	ONR
Jefferson Tester	Massachusetts Institute of Technology	MA	Instrumentation Enhancements for Studies in Hydrothermal and Supercritical Fluid Media	ARO
Naresh Thadhani	Georgia Institute of Technology	GA	Photo-Doppler Velocimetry to Diagnose Heterogeneities in Reactive Energetic Materials	ONR
Devarajan Thirumalai	University of Maryland - College Park	MD	Computational Study of Proteins and Molecular Machines--Mesophiles to Extremophiles	AFOSR
Brian Thurow	Auburn University	AL	High-Speed Three-Dimensional Diagnostics for High Reynolds Number Flow Fields	ARO
David Tirrell	California Institute of Technology	CA	Instrumentation for High-Throughput Screening of Protein Libraries	ARO
Claire Tomlin	University of California - Berkeley	CA	Heterogeneous Testbed of Multiple Autonomous and Semi-Autonomous Aircraft	AFOSR
Giulio Tononi	University of Wisconsin - Madison	WI	Characterizing Cellular and Molecular Behavior in Sleep Deprivation Research	AFOSR
Wade Trappe	Rutgers, The State University of New Jersey	NJ	Experiments in Enhanced Design of Cross-Layer Network Protocols	ARO
Peter Traykovski	Woods Hole Oceanographic Institution	MA	Instrumentation for Quantifying Nearshore Sediment Transport and Turbulence	ONR
Vladimir Tsukruk	Georgia Institute of Technology	GA	Electron Microscope for High-Contrast Imaging of Biological and Organic Materials	AFOSR
J. Tyo	University of Arizona - Tucson	AZ	Long-Wave Infrared Microgrid Polarimeter for Remote Sensing Research	AFOSR
Benjamin Van Mooy	Woods Hole Oceanographic Institution	MA	Mass Spectrometry for Ship Hull Biofouling and Optical/Biological Oceanography	ONR
Ganesh Venayagamoorthy	University of Missouri - Rolla	MO	Research on Digital Power	ONR
Paul Vernier	University of Southern California	CA	Imaging Equipment for Nanoscale Pulsed Power	AFOSR
Bryan Vila	Washington State University	WA	Critical Job Tasks Simulation for Sleep and Performance Research	ONR
Anthony Waas	University of Michigan - Ann Arbor	MI	Characterizing Dynamic Failure of 3-D Textile Composites	ARO
Norman Wagner	University of Delaware	DE	Particle Characterization Equipment for Shear Thickening Fluid Formulation	ARO
Mitchell Walker	Georgia Institute of Technology	GA	High-Speed Linear Actuator for High Thrust-to-Power Hall Thruster Investigation	AFOSR
Krista Walton	Kansas State University	KS	Thermogravimetry and Mass Spectrometry for Materials Characterization	ARO
Hongbin Wang	University of Texas Health Science Center - Houston	TX	Integrated Eye-Tracking System for Measuring Human Operators' Performance	AFOSR
Michael Wasielewski	Northwestern University	IL	Double Electron-Electron Resonance Spectroscopy for Probing Thin-Film Photovoltaics	ONR
Marcey Waters	University of North Carolina - Chapel Hill	NC	Instrumentation for Dynamic Combinatorial Chemistry Research	ARO
John Williams	Auburn University	AL	Data Acquisition System for Deposition of Unique Silicon Compounds	ARO
Alan Wilner	University of Southern California	CA	100-Gigabit/sec Base Multiplexer for Generating/Transmitting Optical Polarization Signals	AFOSR
Moe Win	Massachusetts Institute of Technology	MA	Distributed System for Robust and Accurate Location-Awareness	ONR
Karen Winey	University of Pennsylvania	PA	Study of Polymer Suspensions and Swollen and Soft Polymers	ARO
Peter Worcester	University of California Scripps Institution of Oceanography	CA	Vertical Line Array Receiver and Long-baseline Acoustic Navigation for Oceanography	ONR
Mary Wornat	Louisiana State University and A&M College	LA	Ultraviolet-Visible Liquid Chromatograph	AFOSR
Dapeng Wu	University of Florida	FL	Distributed Collaborative Computation for Research on Automatic Target Recognition	AFOSR
Jizhong Xiao	City College of New York - Bernard Baruch College	NY	Equipment for Autonomous Mobile Network Investigations	ARO
Zhengyuan Xu	University of California - Riverside	CA	Instrumentation for Multi-User Optical Communications Experiments	ARO
Vigor Yang	Pennsylvania State University	PA	Distributed Computation and Graphics for Space Propulsion and Power Research	AFOSR
Ben Zinn	Georgia Institute of Technology	GA	Tunable Dye Laser Imaging System for Research on Dynamic Combustion Phenomena	AFOSR
Djuro Zrilic	University of New Mexico - Albuquerque	NM	Equipment for Bit-Error Rate Monitor for Laser Communications	AFOSR

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