2011

SURF STUDENTS

BY UNIVERSITY

| UNIVERSITY | STUDENT | TITLE OF TALK | OU |
|---------------------------------|----------------------|---|-------------------------------------|
| Agnes Scott College | Franzel, Christine | The Effect of Tethering on the Glass | MML/NCNR |
| | | Transition Temperature in Thin Polymer Films | Matls Science |
| Appalachian State University | Villanova, John | Surface Topography Analyses for Images of Firing Pin Impressions Acquired via Confocal Microscopy | PML |
| Arizona State University | Alena Matusevich | Organic Photovoltaic Devices: Band Gap Engineering | PML (ARRA) |
| Arizona State University | Bowman, William | Ionic Conductivity in Gadolinium and Praseodymium Doped and Co-Doped Cerias for Solid Oxide Fuel Cell Electrolytes | CNST (ARRA) |
| Arizona State University | Patel, Varun | Oxidatively Induced DNA Damage Analysis of Shrimp Exposed to Conditions Resembling Those of the Deepwater Horizon Oil Spill | MML/NCNR Chemistry (ARRA) |
| Brigham Young University | Gurney, Lisa | Mitigation of Set Time Delays in High- Volume Fly Ash Cement Pastes Through Fine Limestone Additions | EL (ARRA) |
| Carnegie Mellon University | Baldwin, Christopher | Tight-Binding Analysis of Twisted Graphene Bilayers | CNST |
| Carnegie Mellon University | Swisher, Matthew | Interferometer for the Measurement of a MEMS Device in a SEM | CNST |
| Carnegie Mellon University | Zakrzewski, Brian | Photoinduced Magnetizaiton in Prussian Blue Analogue Tri-Layer Films | MML/NCNR Matls Science (ARRA) |
| City College of New York | Afzal, Annas | Characterization of the Effect of Thermal Cycling on the Signal Integrity of Interconnect Structures Used in 3D Integrated Circuits | PML (ARRA) |
| City College of New York | Fon, Kaly | Massive Parallel Long-Term Reliability | PML |
| City College of New York | Markland, Errol | Web Application Development on Computer Security Metadata | ITL |
| College of William and Mary | Lowery, Ethan | Constructing a Crygenic Dipper for Tunneling Magnetoresistance Measurements of Cross-Wired Devices | PML |
| College of William and Mary | Zora, Kyle | Probing the Validity of Theoretical Models for Predicting Vibrational Spectra of Alanine and Its Polypeptides | PML |
| Colorado School of Mines | Johnson, Joshua | Reactor Software Upgrades and Analysis of Test Stand Behavior | MML/NCNR Matls Science |
| Colorado School of Mines | Robbins, Bryce | Persistent Currents in a Rotating Toroidal BEC | PML |
| Colorado School of Mines | Stortz, Tristan | Optical Femtocalorimeter | MML/NCNR Matls Science (ARRA) |
| Colorado School of Mines | Thurston, Bryce | Frequency Conversion through Four- Wave Mixing Bragg Scattering | CNST (ARRA) |
| Colorado School of Mines | Villars, Brenden | Spatial Uniformity of a Three-Element Optical Trap Detector | PML |
| Columbia University | Orthwein, Jonathan | Chipped-Pule Terahertz Spectroscopy for Broadband Trace Gas Sensing | PML |
| Converse College | Casil, Julianne | pH Dependent Kinetics of Ion Channel | PML |

| UNIVERSITY | STUDENT | TITLE OF TALK | OU |
|--------------------------------|---------------------|---|---------------------------|
| | | Formation of Bacillus Anthracis | (ARRA) |
| | | Protective Antigen 63 (PA63) | |
| Cornell University | Choi, Christopher | Layer by Layer Self Assembly on Soft | EL |
| | | Foams: Reduced Foam Flammability | (ARRA) |
| | | Using Nanoparticle Filled Coatings | |
| Cornell University | Lu, Daniel | FHS-LAB: A GUI for Simulating | EL |
| | | Structural Behavior Subjected to Fire | |
| Cornell University | Ma, Jun | Electron Spin Resonance | PML (ARRA) |
| Davidson College | Pagnonis, Demetrios | Dealloyed Pt _{100-x-y} Co _x Ni _y Catalysts for Oxygen Reduction Reaction | MML/NCNR Matls Science |
| DePauw University | Baker, Catherine | Circuit Synthesis for Cryptographic Applications | ITL (ARRA) |
| Duke University | Rohlfing, Anne | Shelf Life Study of Silver Nanoparticles | MML/NCNR |
| | | | Chemistry |
| Eastern Kentucky | Hegwood, Jerrod | Verification and Modeling of Results | EL |
| University | | from Nuclear Power Plant Control | |
| | | Room Fire Tests | |
| Eastern Kentucky University | Lenhof, Timothy | Modeling Smoke in Room-Scale Fires | EL |
| Fayetteville State | Gunn, Reid | Microscopic Analysis of Synthesized | MML/NCNR |
| University | | Mixed-Phase Atmospheric Particles | Chemistry (ARRA) |
| George Washington | Bagchi, Shelly | Transformative Applications: Using | EL |
| University | | Android-Powered Smartphones to | |
| • | | Enhance Soldier Operations | |
| George Washington | Cano, Michelle | Software Improvement of Visualization | ITL |
| University | | Tools for Video Analytic Evaluations | |
| George Washington | Cunningham, Hailey | Hemoglobin Saturation as Expressed by | PML |
| University | | its Absorbance Curve | |
| Georgia Southern | Benton, Brandon | Prototyping Method for Bragg-Type | PML |
| University | | Atom Interferometers | |
| Hamilton College | Adelman, J. Elliott | Analysis of aCORN Data | PML |
| Harvard College | Boling, Robert | Determining Switching Mechanisms and | MML/NCNR |
| | | Switching Field Distributions in Bit- | Matls Science |
| | | Patterned Media | (ARRA) |
| Harvey Mudd College | Brent, Taylor | USARSim: A High-Fidelity Simulation of Robotics | EL |
| Harvey Mudd College | Sio, Hong | Band Alignment Study Using Internal | PML |
| - | _ | Photoemission: Applications to Metal- | (ARRA) |
| | | Gate / High-k Dielectric / | |
| | | Semiconductor Interfaces | |
| Hood College | Haines, Andrea | Improving Electronic Health Record | ITL |
| _ | | (HER) Usability, Research, and the | |
| | | Communication Effort | |
| Hood College | Hill, Jennifer | Creation of an Evaluation Interface for | ITL |
| - | | Human Assessments of Machine | |
| | | Translations | |
| Hood College | Jacobson, Nathan | Access Control Policy Tool (ACPT) | ITL |
| | | | (ARRA) |
| Jackson State University | Shelton, Melanie | Measuring the Efficacy of Ligand | MML/NCNR |
| · | | Displacement on Gold Nanoparticles – | Matls Science |
| | | Applications in Nanomedicine | (ARRA) |

| UNIVERSITY | STUDENT | TITLE OF TALK | OU |
|-------------------------------|---------------------|---|---|
| James Madison | Crawshaw, Fay | Tether Lipid Molecules for High | MML/NCNR |
| University | | Precision Metrology of Integral Proteins | Matls Science |
| James Madison | Vess, Eric | Novel Methods for Remote Sensing | PML |
| University | | Based on DIAL | |
| Johns Hopkins University | Joress, Howard | A Statistical Approach to EDS Peak | MML/NCNR |
| | | Identification: A Proof of Concept | Chemistry |
| Juniata College | Ginley, Theresa | Optimizing the Sputtering Parameters | MML/NCNR |
| | | for Permalloy Thin Films to Minimize | Matls Science |
| | | Surface Roughness | 100000000000000000000000000000000000000 |
| Le Moyne College | Acquaviva, Andrew | Gathering Benchmark Data for the | MML/NCNR |
| | X7 1 T | Examples of FiPy | Matls Science |
| Lebanon Valley College | Younker, Ian | Analysis and Model of Multi-Sensor- | EL |
| T .1.1.1. TT.1 | Maria I Chalana I a | Fusion Data Characterization of Carbon Nanotubes in | MMI AICNID |
| Lehigh University | Marvel, Christopher | | MML/NCNR |
| Lavala University of | Slusarski, Kyle | Composite Baseball Bats Roles of Atomic Force Microscopy and | Chemistry MML/NCNR |
| Loyola University of Maryland | Siusarski, Kyle | Nanoidentation in Building Metrological | Matls Science |
| iviai yiailu | | Foundations for Nanomechanical | Mails Science |
| | | Property Testing | |
| Miami University of Ohio | Denton, Alexis | Imitating Ocean Reflectance | PML |
| Wham Chiversity of Onio | Denton, Mexis | Measurements with Diffuse Reflectance | TWIE |
| | | Standards with Birtuse Refrectance | |
| Miami University of Ohio | Gooley, Derek | A Charge-Based Capacitance | PML |
| | | Measurement Implementation on Printed | (ARRA) |
| | | Circuit Board | , |
| Miami University of Ohio | Hachtel, Andrew | Fabrication and Characterization of a | PML |
| • | | Nanoaperture Array by Helium Ion | |
| | | Microscope | |
| Miami University of Ohio | Kleykamp, Jeffrey | Simulation of Scanning Electron | PML |
| | | Microscope to Better Understand Errors | |
| | | in Cross-Correlation Image Correction | |
| | | Technique | |
| Miami University of Ohio | McNally, Douglas | Motion Characterization and Endurance | PML |
| | | Metrology Microrobots | (ARRA) |
| Middlebury College | Allen, Joseph | Nanoscale Electrochromic Patterning | CNST |
| No. 1 | XX 1 | with a Lithium Focused Ion Beam | TI |
| Montana State University | Weber, Katelyn | Software Development for Probabilistic | EL |
| | | Modeling and Uncertainty Quantification | (ARRA) |
| Montgomery College | Russell, Sarah | Creating Stable Dispersions of Titanium | MML/NCNR |
| Montgomery Conlege | Russell, Salali | Dioxide Nanoparticles in Environmental | Matls Science |
| | | Matrices | Watts Science |
| Mount Saint Mary's | Halter, Melissa | Calibration of NIST VaporJet and | MML/NCNR |
| University | Traiter, Wienssa | Preliminary Evaluation of Explosive | Chemistry |
| Chrysley | | Trace Detectors | Chemistry |
| Muhlenberg College | Fitzsimons, Matthew | Characterizing the Morphology of the | MML/NCNR |
| | | Bulk-Heterojunction of Organic | Chemistry |
| | | Photovoltaics | |
| North Carolina State | Hewitt, Andrew | Slow Crack Growth Resistance at the | EL |
| University | | Micron Scale in High Density | |
| <u> </u> | | Polyethylene | |
| North Carolina State | Jones, Nathan | Optimization of Cell Growth in Minimal | MML/NCNR |
| University | | Media | Matls Science |
| | | | (ARRA) |

| UNIVERSITY | STUDENT | TITLE OF TALK | OU |
|-------------------------------------|---------------------|---|---------------|
| Pennsylvania State | Rubeo, Mark | Quest for Precision: The Performance | EL |
| University | | Evaluation and Compensation of a Meso-Scale Machining Center | |
| Pennsylvania State | Sunkara, Sai | Tissue Engineering Reference Scaffolds | MML/NCNR |
| University | | to Enable Inter-Lab Comparison of Cell | Matls Science |
| | | Culture Measurements | |
| Princeton University | Tang, Sarah | An Evaluation of Local Shape Descriptors for 3D Shape Retrieval | ITL |
| Princeton University | Tracer, Andrew | Dataflow: A Web-Based Solution to | MML/NCNR |
| | | Data Reduction | Matls Science |
| Rensselaer Polytechnic Institute | Coplin, Halley | Direct Browser Integration of 3D Graphics with X3D and X3DOM | ITL |
| Rensselaer Polytechnic | Willette, Peter | Residential Appliance Energy Research: | EL |
| Institute | , | Clothing Washers | |
| Rochester Institute of | Jacob, Colin | Understanding and Optimizing the | PML |
| Technology | | Epitaxial Growth of Graphene on | |
| Caniman Valley Chate | I A | Silicon Carbide | DMI |
| Saginaw Valley State University | Lucio, Anthony | Shape Evolution of Polymer Structures with Thin Residual Layers Prepared by | PML |
| Oniversity | | Nanoimprint Lithography | |
| Saint Mary's College of | Carneiro, Lucas | Effects of Film Processing Parameters | MML/NCNR |
| Maryland | | on Organic Photovoltaic Device | Matls Science |
| | | Performance | |
| Saint Olaf College | Barkley, Sarice | Lateral Force Calibration Methods for | CNST |
| Smith College | Aloisio, Kathryn | Atomic Force Microscope Atmospheric Abundances of | ITL |
| Siliui College | Aloisio, Kauli yli | Greenhouse Gases from Prehistoric to | (ARRA) |
| | | Current Times | (Andta) |
| St. Mary's College of | Herpel, Gregory | Analysis of a High Performance Flow of | ITL |
| Maryland | | Suspensions | |
| State University of New | Lovell, Magdalen | Improvements in Ultrasonic Calorimetry | PML |
| York Albany State University of New | Carson, Michael | for Dosimetry Scanning Kelvin Force Microscope | PML |
| York Binghamton | Carson, Wilchael | Based on a Tuning Fork | 1 WIL |
| State University of New | Presser, Brian | Energy Consumption and Lifecycle Cost | EL |
| York Binghamton | , | of Buildings in the United States | |
| State University of New | Zheng, Walter | Electrical Characterization of Flexible | PML |
| York Binghamton | a: | Solution-Processed Oxide Memristors | (ARRA) |
| Towson University | Siregar, Alexander | Constructing a Magnetic Field Probe for | PML |
| Towson University | Tyler, Joshua | Use Regarding the NIST-4 Watt Balance LabVIEW Integration in a Mass | (ARRA) PML |
| Towson Omversity | 1 yier, Joshua | Calibration Process | TIVIL |
| Tulane University | Ortmann, Elliott | The Metrology of Shaping and | MML/NCNR |
| - | | Detecting X-Rays | Matls Science |
| | | | (ARRA) |
| University of California | Lopez, Jessica | Development of Sustainability Measurement Tools and Methods for | EL |
| Los Angeles | | Manufacturing Enterprises | |
| University of Colorado | Zirkelbach, Stetson | The Effects of Scaling and Scanning | ITL |
| Boulder | | Order on Image Signatures Based on | |
| | | Space-Filling Curves | |
| University of Delaware | Bibb, Caroline | Standard for Lead and Cadmium | MML/NCNR |
| | | Content in Polyvinyl Chloride | Chemistry |

| UNIVERSITY | STUDENT | TITLE OF TALK | OU |
|--|-----------------------|---|---------------|
| University of Delaware | D'Alessio, Anna | Research Contributions to Enhance the | EL |
| | | Sustainability Standards Portal | |
| University of Illinois | Ragunathan, Gautham | Laser Diode Interferometry | EL |
| University of Maryland | Harvey, David | The Role of Metrology in X-Ray | MML/NCNR |
| Baltimore County | | Diffraction | Matls Science |
| University of Maryland | Iglehart, Christopher | Residential Appliance Energy Research | EL |
| Baltimore County | | | |
| University of Maryland | Anzaldi, Laura | Developing a Root-Based Semantic | MML/NCNR |
| Baltimore County | | Vocabulary | Chemistry |
| | | | (ARRA) |
| University of Maryland | Bier, Naomi | Putting a Spin on Solid Sampling via | MML/NCNR |
| Baltimore County | | Laser Ablation Inductively Coupled | Chemistry |
| | | Plasma Mass Spectrometry (LA-ICP- | |
| *** | | MS) |) O O O O O O |
| University of Maryland | Johnson, Lilian | Nanofluidics of Polymer Chains Under | MML/NCNR |
| Baltimore County | 77.11 | Confinement | Matls Science |
| University of Maryland | Kelly, Mary | Interdiffusion Studies of Organic Solar | MML/NCNR |
| Baltimore County | | Cell Components | Chemistry |
| University of Maryland | Kumar, Neha | Fabrication of Controlled Diameters of | MML/NCNR |
| Baltimore County | | Nanofiber Scaffolds and Study of Stem | Matls Science |
| The contract of the contract | L'est Desist | Cell Response | DMI |
| University of Maryland | Litwak, Daniel | An Improved Ultrasonic Measurement | PML |
| Baltimore County | C N. 1. 1. 1. | of Radiation Dosage | ITL |
| University of Maryland | Serova, Nadezhda | Glass Shard Dynamics in Fire Visualization Simulation | IIL |
| Baltimore County | Van Order, Michael | Verification and Validation of the Fire | EL |
| University of Maryland Baltimore County | van Order, Michael | Dynamics Simulator | EL |
| University of Maryland | Abraham, Reuben | Testing of Automated Impactor for In- | EL |
| College Park | Abraham, Keuben | Situ Monitoring of Machine Tool | EL |
| Conege I aik | | Dynamics | |
| University of Maryland | Ashley, Catherine | Characterizing Dispersion and | EL |
| College Park | risiney, cumerine | Degradation of Nanoparticle-Filled | LL |
| | | Polymer Coatings | |
| University of Maryland | Au, Jennifer | Enzyme Digestion and Mass Spectral | MML/NCNR |
| College Park | | Characterization of Glycoproteins | Chemistry |
| University of Maryland | Bellistri, Matteo | String Searching on Container Files | ITL |
| College Park | | | |
| University of Maryland | Bhargava, Pavan | Nafion and Platinum Degradation | MML/NCNR |
| College Park | | Studies with Thin-Film Fuel Cell | Matls Science |
| | | Models | |
| University of Maryland | Drozdov, Serghei | Extraction of Series Resistance from | PML |
| College Park | | Advanced CMOS Devices | |
| University of Maryland | Ettehadieh, Daniel | Sustainability Performance Analysis of a | EL |
| College Park | | Water Bottling Facility | |
| University of Maryland | Galfond, Marissa | Reducing the Area of Magnetic Tunnel | PML |
| College Park | | Junctions Using a Focused Ion Beam | |
| University of Maryland | Golden, Alexander | Fast, Versatile Quenching in a Single | PML |
| College Park | | Photon Avalanche Diodes for Quantum | |
| 77 | W 11 35 | Key Distribution | D) (I |
| University of Maryland | Ibrahim, Musa | Develop an Analytical Reverse Blocking | PML |
| College Park | | Model for Si and SiC Diodes and | (ARRA) |
| | | Incorporate the Model into the Diode | |
| | | Model Parameter Extraction Software | |
| | 1 | using LabWindows/CVI | |

| UNIVERSITY | STUDENT | TITLE OF TALK | OU |
|--|-------------------|--|---------------------------------|
| University of Maryland College Park | Ji, Tommy | Solutions in Perception Challenge | EL |
| University of Maryland College Park | Jones, Benjamin | Structural and Electrical Characterization of Metal-Molecule- Silicon Junctions Produced by Flip Chip Lamination | PML |
| University of Maryland College Park | Li, Kun | Planar Arrays of Core/Shell Nanowires for Light Generation and Detection | MML/NCNR Chemistry |
| University of Maryland College Park | Liang, Li Peng | Safety of Humans Near Powered Industrial Vehicles | EL |
| University of Maryland College Park | Liao, Rachel | XMPP Services for Smart Transducers | EL |
| University of Maryland College Park | Lin, Janice | Stability of Terpene Gas Mixtures in Aluminum Cylinders | MML/NCNR Chemistry |
| University of Maryland College Park | McCarthy, James | Method Development for Characterizing TiO ₂ Nanoparticle Surfaces by Mass Spectrometry | MML/NCNR Chemistry (ARRA) |
| University of Maryland College Park | Mifsud, Mark | Feature and Task-Based Evaluation of Robot-Generated Maps | EL |
| University of Maryland College Park | Myers, Taylor | Validation of the Fire Dynamics Simulator | EL |
| University of Maryland College Park | O'Connell, Brady | Cloud Interoperability: Migrate (Fully- Stopped) VMs from One Cloud- Provider to Another | ITL |
| University of Maryland College Park | Phuong, Lee | Long-Term Durability of Polymeric Materials for Photovoltaic Applications: Chemical and Physical Degradation of PMMA During UV Exposure | EL |
| University of Maryland College Park | Rahman, Aman | Diffusion Coefficient Calculation of Phospholipids on Membrane Bi-Layer Enclosing Protocells via Matlab | MML/NCNR Matls Science |
| University of Maryland College Park | Sandler, Carolyn | Human Response Processes for Emergency Communication | EL |
| University of Maryland College Park | Sze, Jeffrey | Integrated Factory Operation and Building Science Simulation | EL |
| University of Maryland College Park | Trettel, Andrew | Concrete Rheometer Automation | EL |
| University of Maryland College Park | Trettel, Benjamin | Firelab Development: A Sandbox for Improving the Fire Dynamics Simulator | EL |
| University of Maryland College Park | Villarrubia, Mark | Evaluating Searches Over Large Indices of Brief Documents | ITL |
| University of Maryland College Park | Weerakkody, Sean | Improving Velocity Measurement in NIST-3 Electronic Kilogram Apparatus | PML |
| University of Maryland College Park | Westbrook, David | Web-Based User Interface for Sustainability Modeling and Optimization | EL |
| University of Maryland College Park | Widstrom, Matthew | Stacked Electrode Back Contact Thin Film Heterojunction Solar Cells | MML/NCNR Matls Science |
| University of Maryland College Park | Wu, Jiemin | Fabrication and Characterization of Carbohydrate-Functionalized Surfactant Vesicles | MML/NCNR Chemistry (ARRA) |
| University of Michigan | Gill, Navneet | Automation and Control of Variables in a Cryogenic Environment | MML/NCNR Matls Science |

| UNIVERSITY | STUDENT | TITLE OF TALK | OU |
|---|-------------------------|---|-------------------------------------|
| University of Michigan | Langhorst, Amy | Degradation of Polyesters Used in Blast Resistant Glasses and Protective Glazing Systems | EL |
| University of Michigan | Yuan, Lo-Hua | Fourier Methods to Describe the Shape of Biological Cells | ITL |
| University of New Hampshire | Nguyen, Khanh | Measuring Thermal Properties of Materials at High Heating Rates Using a Nanocalorimeter | MML/NCNR Matls Science |
| University of New Haven | Gorka, Danielle | Quantitative Measurement of Enzyme Activity Loss on Biofunctionalized Gold Nanoparticles | MML/NCNR Matls Science |
| University of New Haven | Reardon, Nicole | Formation and Characterization of Monolayer Nanoparticle Clusters | MML/NCNR Chemistry |
| University of Puerto Rico | Colon-Berrios, Aida | Precisely Measuring Currents on the Nano-Ampere to Femto-Ampere Range Using an Automated Current-to-Voltage Converter | PML |
| University of Puerto Rico | Ferra Otero, Eliezer | Credential Revocation Service | ITL (ARRA) |
| University of Puerto Rico | Marcano Estevez, Joseph | Develop an Additional Computer- Controlled Thermal Cycling Station in Order to Support Reliability Analysis for High-Power, High-Temperature, Power Semiconductor Devices and Modules | PML (ARRA) |
| University of Puerto Rico | Ortiz-Lozada, Alexander | Temperature Control System for Pulse- Heated Kolsky Bar | EL (ARRA) |
| University of Puerto Rico | Osorio, Jose | The Study of Person Matching Algorithms for Healthcare | ITL |
| University of Puerto Rico | Rosado Rosado, Angel | Building the Graphic User Interface for the "Model-Based Testing Project" | EL (ARRA) |
| University of Texas Dallas | Keeler, Courtney | Effects of Dental Monomers and Initiators on Metabolic Activity and Biomass of Oral Biofilms | MML/NCNR Matls Science (ARRA) |
| University of the Sciences | Huon, Amanda | Modeling of the Transparency and Conductivity of Carbon Nanotube Networks | MML/NCNR Matls Science |
| University of Virginia | Olson, Eric | Characterization of Magnetic Nanoparticles for Biomedical Applications | MML/NCNR Matls Science |
| Virginia Polytechnic Institute and State University | Michalski, Mikala | Automation of the Microscope | ITL |
| Virginia Polytechnic Institute and State University | Strong, Arielle | Structure and Dynamics of Peripheral Membrane Proteins | MML/NCNR Matls Science |
| Washington University St. Louis | Draffin III, Cyril | Standardizing Building Codes for Unpredictable Winds | EL |
| Weber State University | Porter, Caleb | Investigation of Turmeric by Liquid Chromatography | MML/NCNR Chemistry |
| Weber State University | Smith, Nicholas | Radiative Absorption and Freezing Characteristics of Black Carbon Immersed in Aqueous Aerosols | MML/NCNR Chemistry |
| Western Kentucky University | Johnson, Derrick | A Pallet Planner | EL |

| UNIVERSITY | STUDENT | TITLE OF TALK | OU |
|-----------------------|------------------|---|---------------|
| Western New England | Jackson, Julie | X-Ray Photoelectron Spectroscopy Used | MML/NCNR |
| College | | to Map Compositional Variations in | Matls Science |
| _ | | Combinatorial Thin Film Libraries | |
| Whitman College | Abrams, Nathan | The Effects of Helium Upscattering on | PML |
| | | the Neutron Life | |
| Williams College | Kealhofer, David | Setting Up a Four-Wave Mixing | PML |
| _ | | Experiment in Cesium | |
| Williams College | Knapp, Christina | Optical Squeezing and Laser Locking | PML |
| Worcester Polytechnic | Nelson, Andrew | Evaluation of the Consolidated Model of | EL |
| Institute | | Fire Growth and Smoke Transport | (ARRA) |
| | | (CFAST) | |

- THE END -

http://www.nist.gov/surfgaithersburg/