

2011

Annual Research Report, 2010-2011

Office of Research
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Annual Research Report

Annual report of collaborative research projects of Old Dominion University faculty and students in partnership with business, industry and government





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ODU RESEARCH SPEAKS FOR ITSELF

This was yet another breakthrough year for research at ODU. The Center for Educational Partnerships led by John Nunnery was one of 23 selected from 587 proposals to win a \$25 million award from the U.S. Department of Education's Investing in Innovation program for improving mathematics achievement in high-need middle school students. This year, two ODU faculty teams won Transforming Undergraduate Education in STEM grants from the National Science Foundation. The project led by Harry Zhu will be focusing on financial literacy education using student-developed games and will impact seven courses in three colleges and 550 undergraduate students, as well as 60 high school students each year. The project led by Steve Hsiung will be developing interactive cyber-enabled technologies in six course modules in multiple states and institutions involving 120 faculty members.

ODU students as part of Team Tidewater, funded by the U.S. Department of Energy, finished 14th in the 2011 Solar Decathlon for designing and constructing environmentally friendly homes. The team has been named again as a finalist, along with teams from the U.S., Austria, Canada and Czech Republic for the 2013 Solar Decathlon. Researchers from the Virginia Modeling, Analysis and Simulation Center and the Batten College of Engineering and Technology and their colleagues from Idaho, Syracuse, Texas Southern, and Virginia Tech were selected to be one of 21 Tier I University Transportation Centers (UTCs) to advance research addressing critical transportation challenges facing our nation. With Debra Major and Xihe Zhu elected as the latest fellows, respectively, of the Society for Industrial and Organizational Psychology and American Alliance for Health, Physical Education, Recreation and Dance, the ODU faculty roster now includes 75 elected fellows of different professional and learned societies.

Our researchers are driven to achieve excellence not only in their own discipline but also at the intersection of multiple fields. In FY 2011, ODU's total R&D, including institutionally financed expenditures, amounted to \$102.2 million. The faculty generated research proposals valued at \$226 million and received \$83.5 million in new awards. The extent of our collective efforts can be gleaned from both new and ongoing research protocols - the number of non-exempt human subjects protocols have doubled and that of animal subjects had a five times increase in five years. It is significant given that ODU doesn't have a medical school of its own, and yet its NIH portfolio has grown five times in that same period.

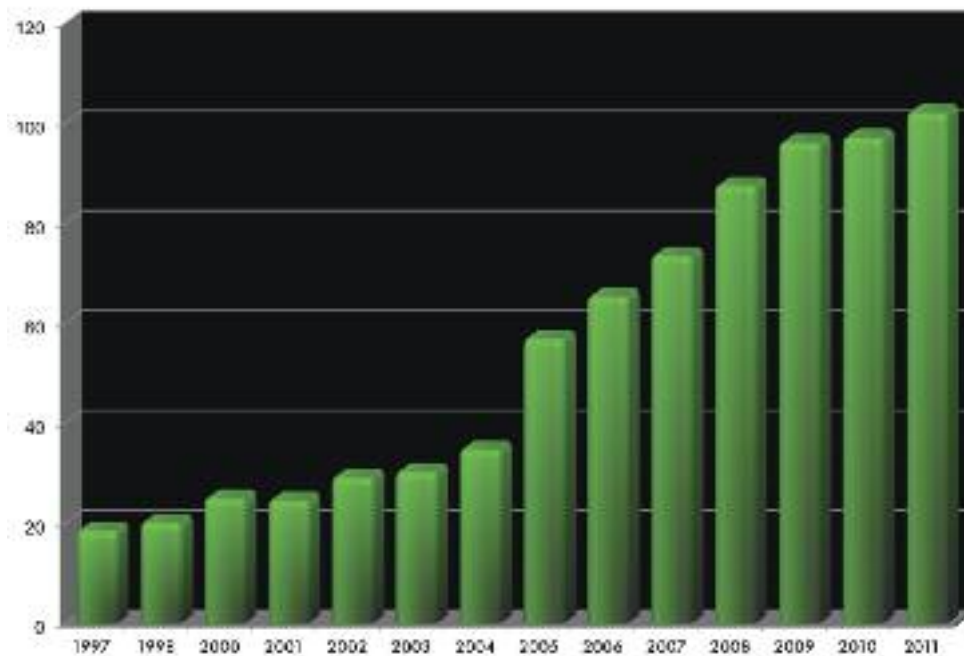
In support of multidisciplinary research, six faculty teams involving 23 researchers were selected from amongst 17 teams to receive \$390,000 for projects on neurostimulation, vehicle tracking, public policy, ligament injury, cryo-microscopy, and agricultural decision making. This is in addition to the four multidisciplinary teams that were selected and supported to push forward President John Broderick's Climate Change and Sea Level Rise Initiative.

This Annual Research Report documents the wide diversity of scholarly and research endeavors with which ODU researchers have been involved in FY 2011. I invite you to also visit our research home page at www.odu.edu/research to learn about the latest in research at our great institution. It has indeed been a great time to be at ODU.

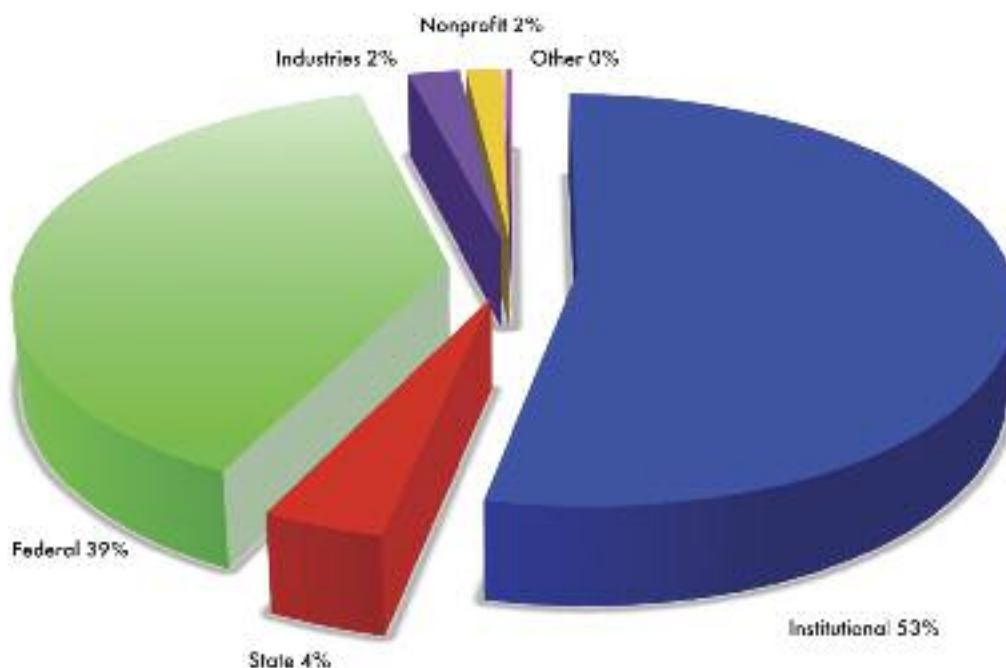
Mohammad A. Karim
Vice President for Research

Research Statistics and Trends

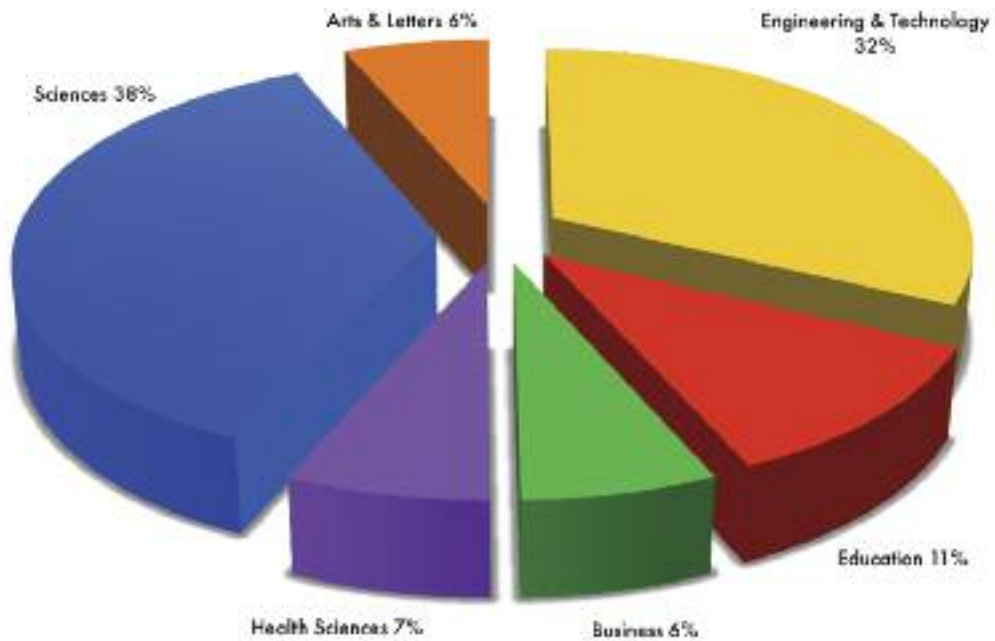
Total R&D Expenditure (\$M)



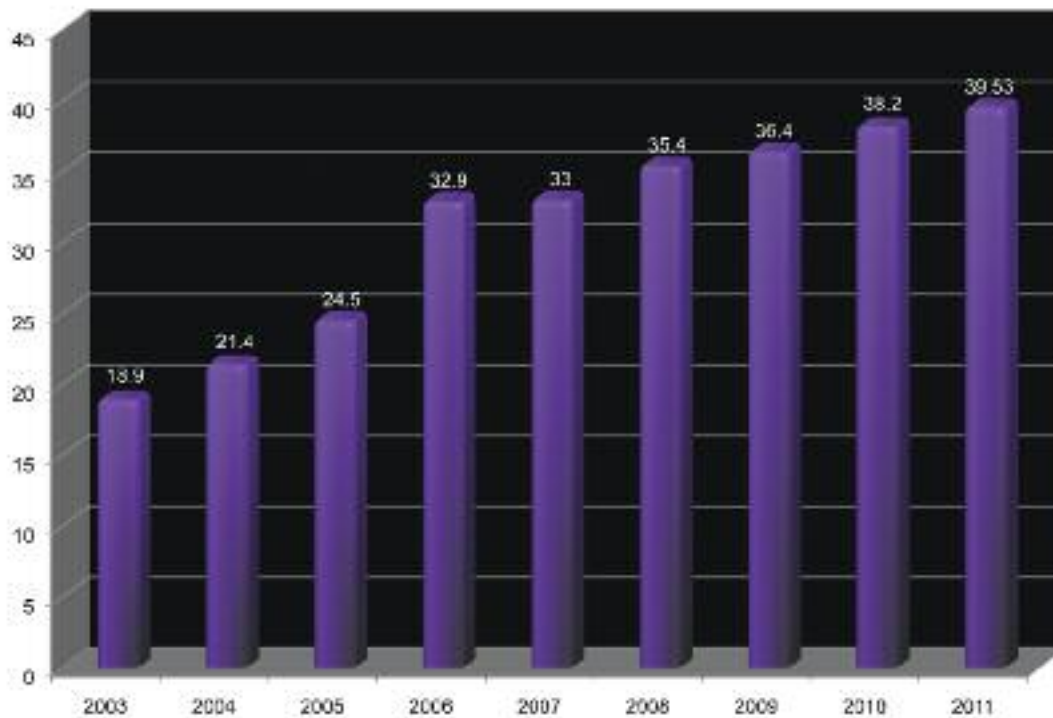
FY11 Total R&D By Sources



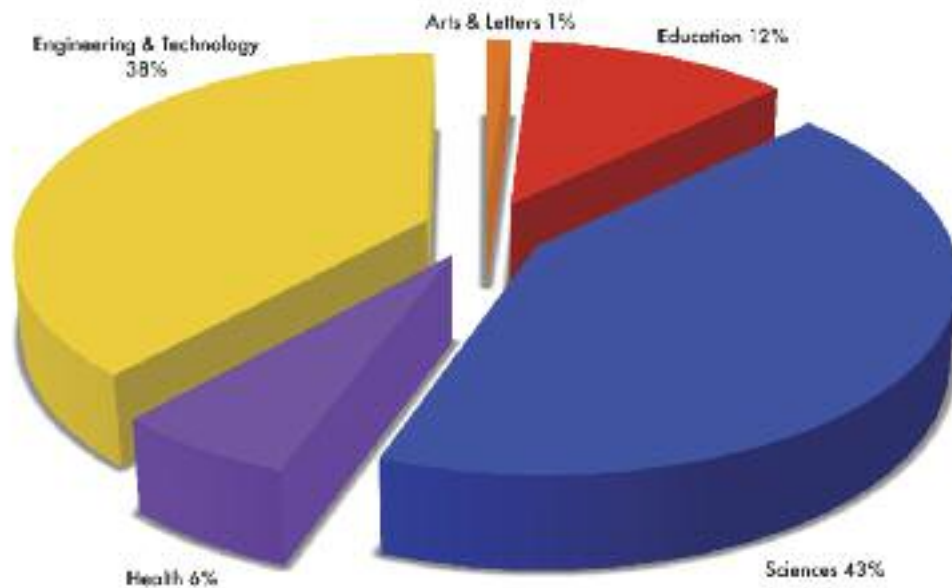
FY11 Total R&D By Fields



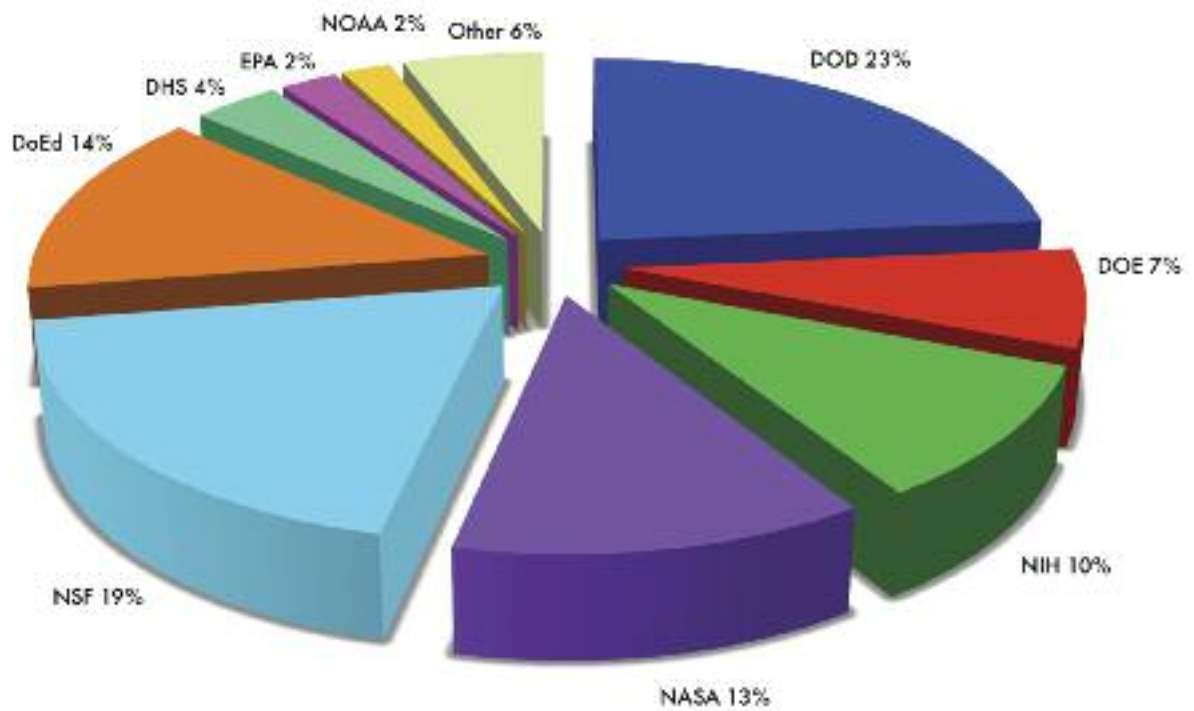
Federal R&D (in \$M)



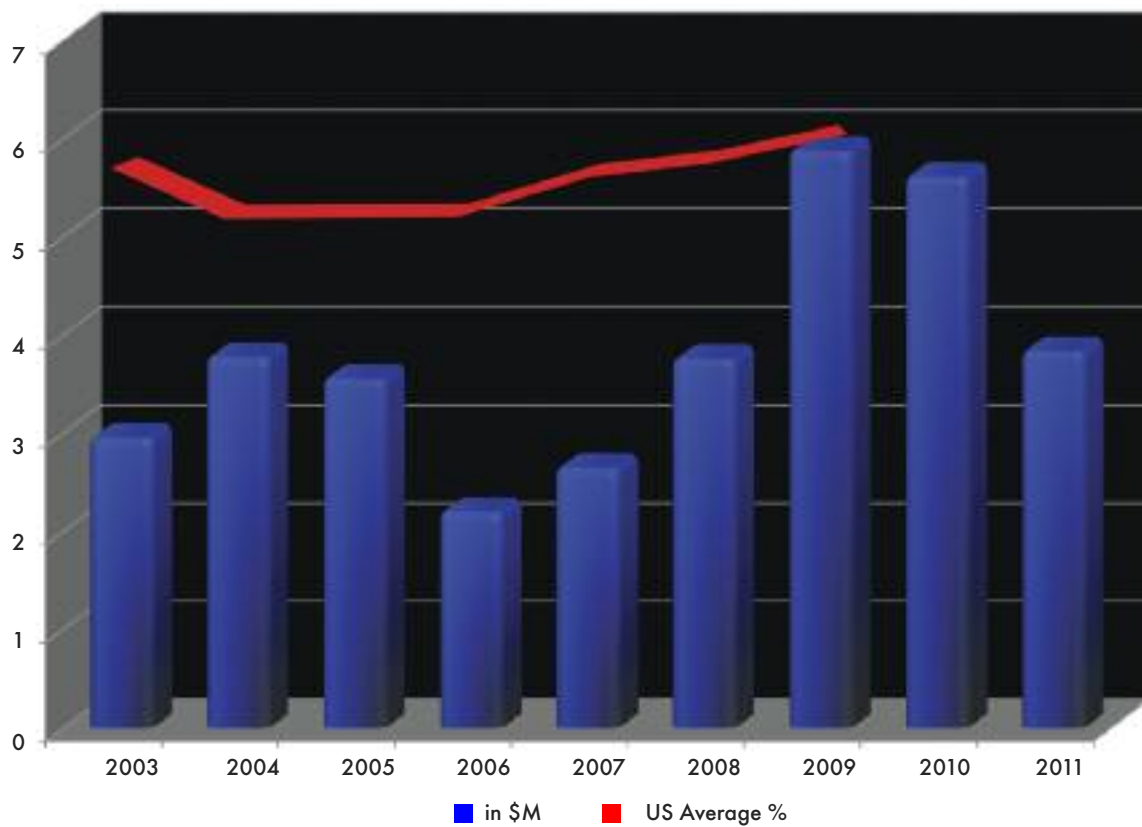
FY11 Federal R&D By Fields



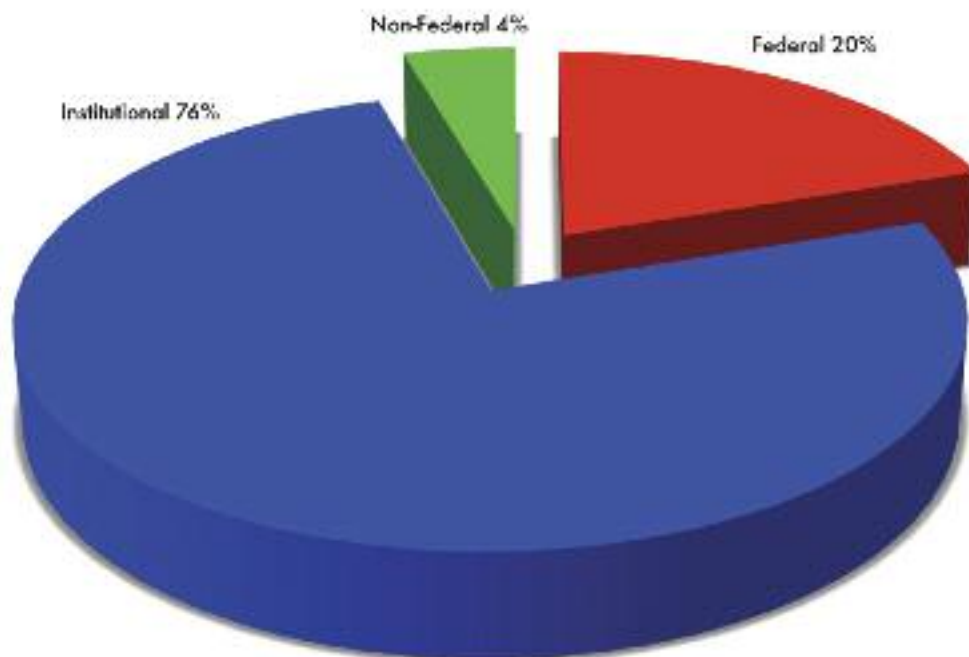
FY11 Federal R&D By Agencies



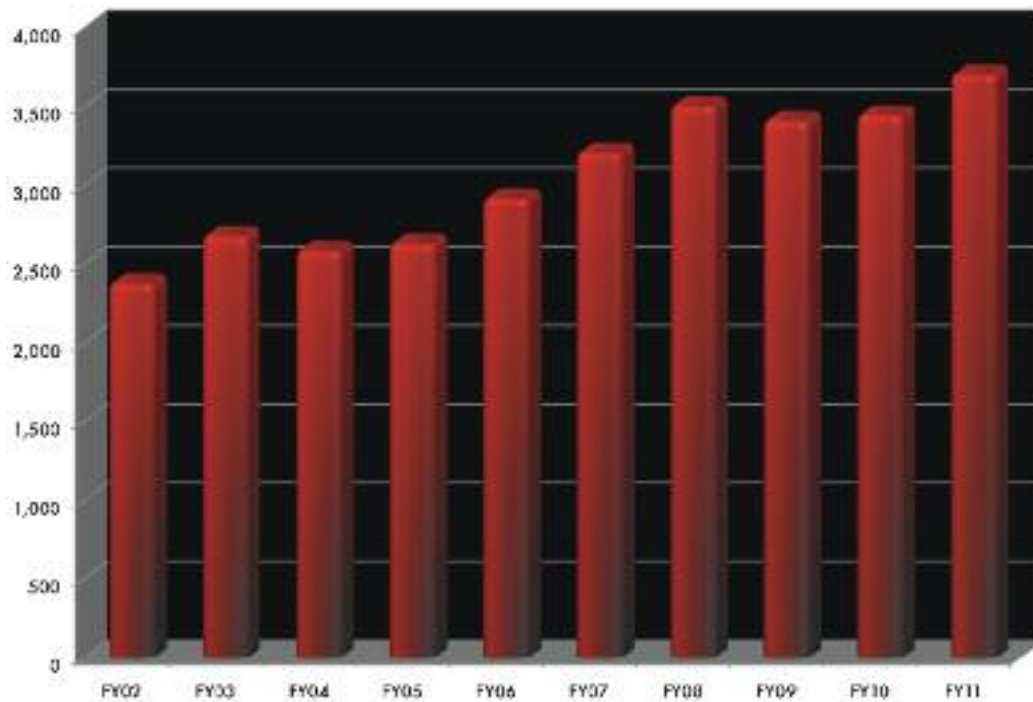
ODU Industrial R&D (\$M)



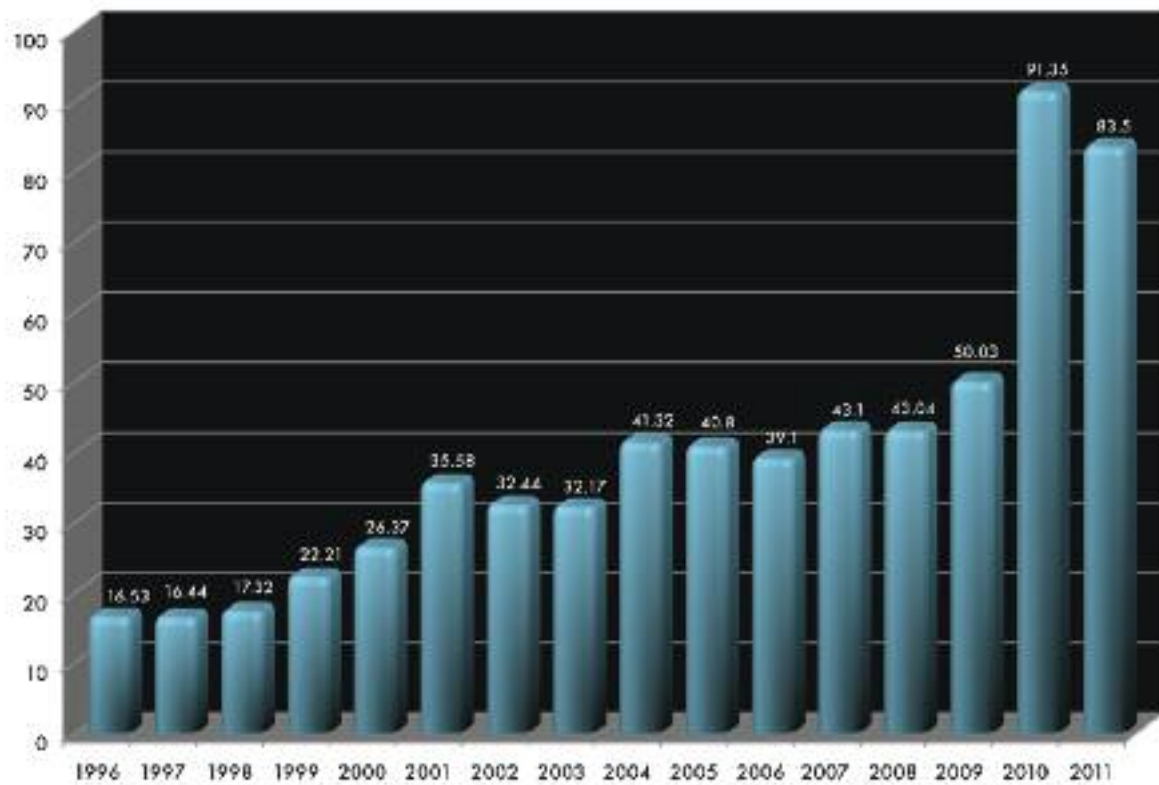
Research Equipment



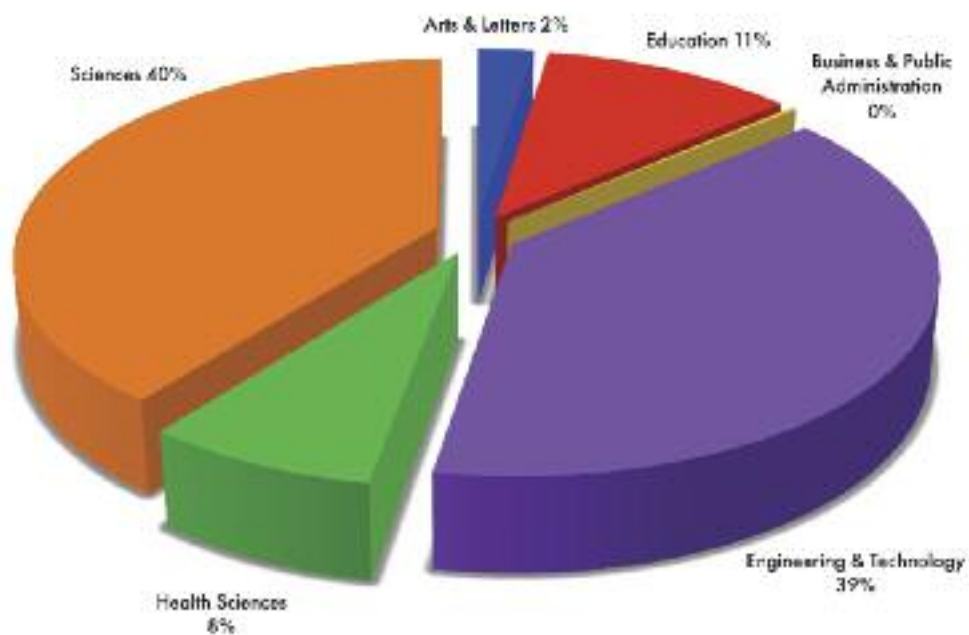
Generated PRT (\$K)



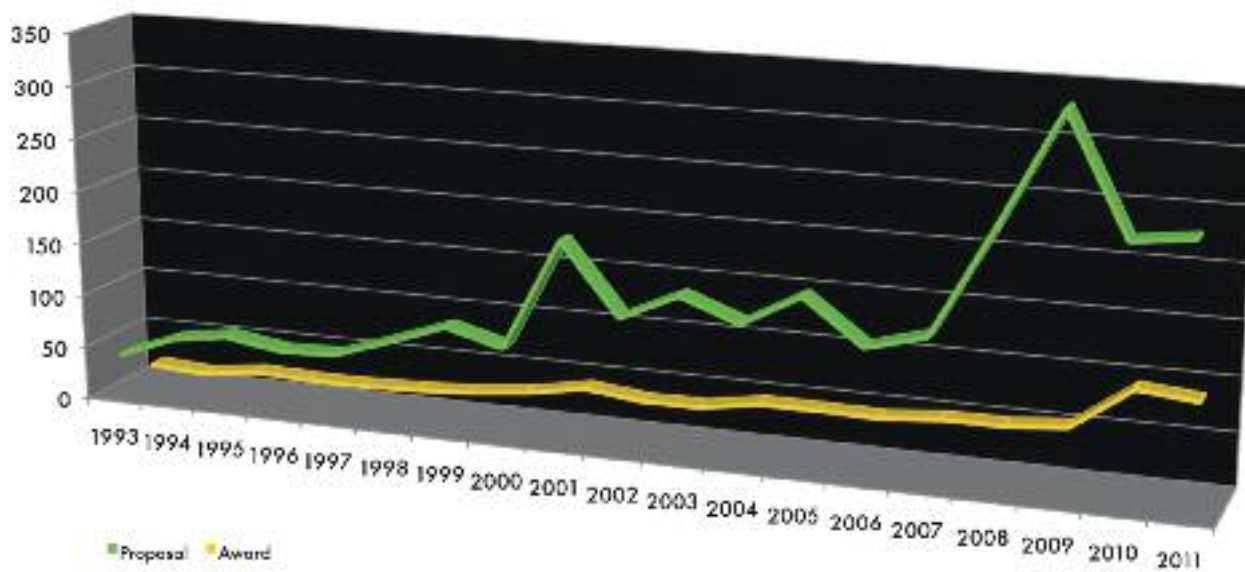
New ODURF Research Awards (\$M)



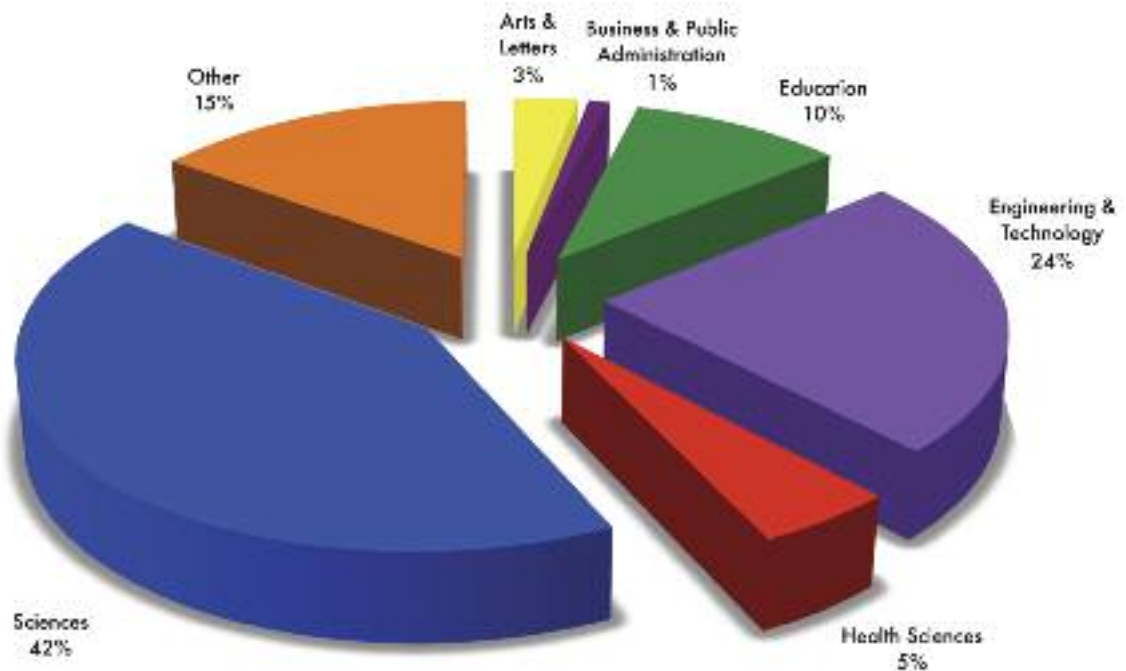
FY11 ODURF R&D By Fields



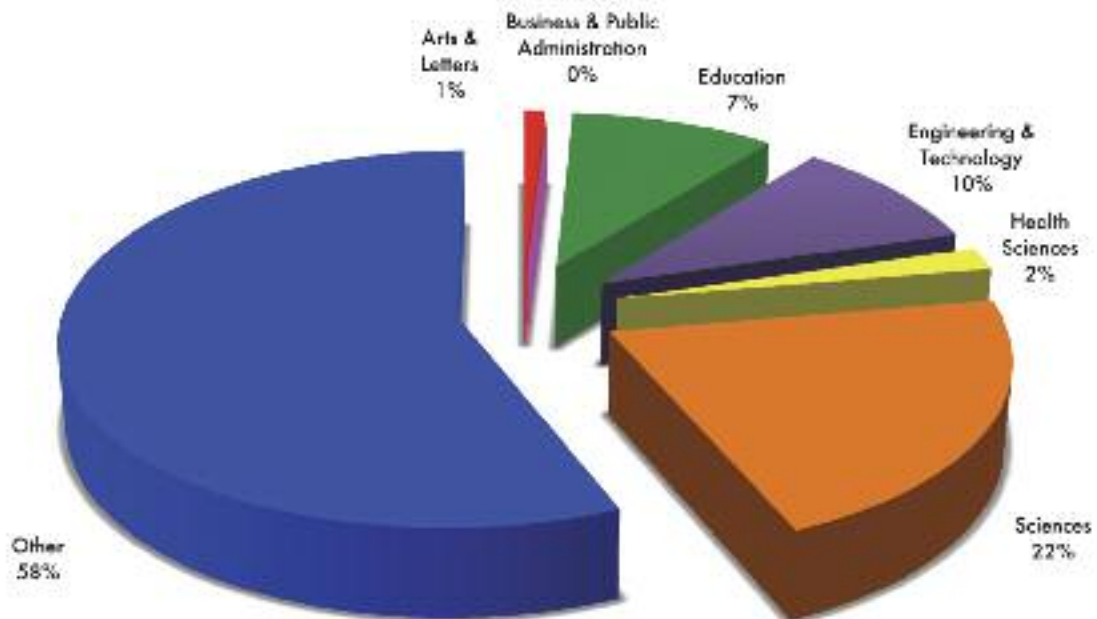
ODU Proposals Statistics (in \$M)



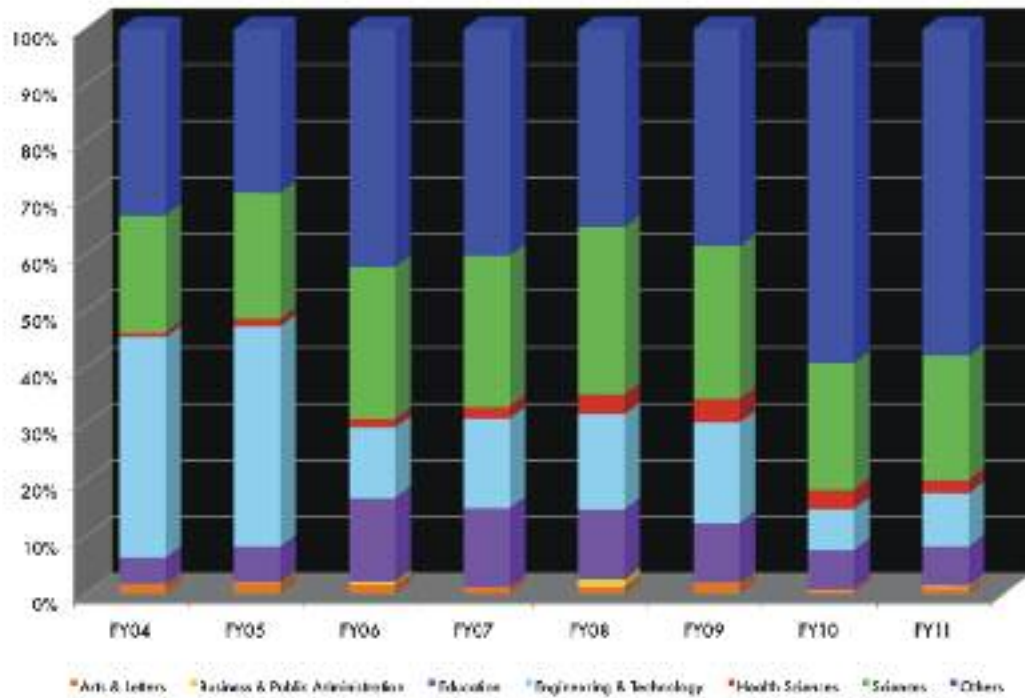
FY11 Proposal Submissions By Units



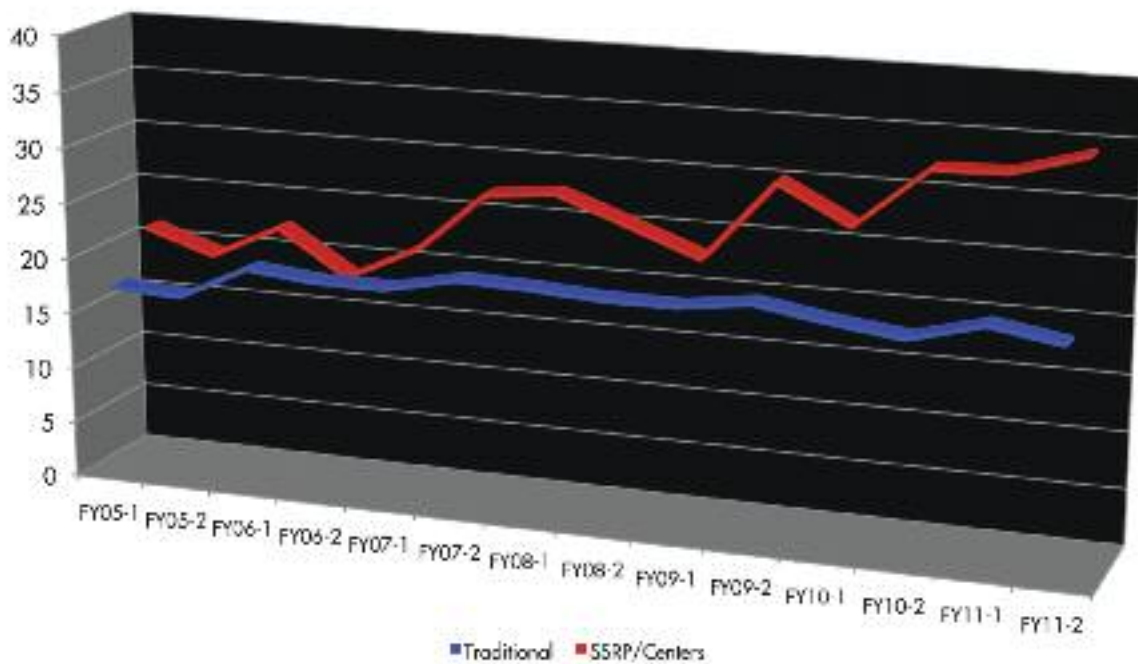
FY11 Awards by Units



New Research Award By Units



Effective ODURF F&A Recovery Rate (%)



FY 2010 ODU R&D Expenditure Ranking

- ■ Business and Management (18th in Total)
- ■ Department of Defense Research (105th)
- ■ Economics (69th in Total)
- ■ Education (20th in Total and 44th in Federal)
- ■ Electrical Engineering (39th in Total and 48th in Federal)
- ■ Engineering (88th in Total and 100th in Federal)
- ■ Environmental Science (93rd in Total; 101st in Federal)
- ■ Humanities (34th in Total)
- ■ Mathematical Sciences (71st in Total and 107th in Federal)
- ■ Mechanical Engineering (27th in Total and 37th in Federal)
- ■ NASA Research (64th)
- ■ Non-Science & Non-Engineering (37th in Total and 73rd in Federal)
- ■ Oceanography (34th in Total; 28th in Federal)
- ■ Political Science (88th in Total)
- ■ Physics (100th in Total)
- ■ Universities without Medical School (55th)
- ■ Visual and Performing Arts (8th in Total)

2011 Faculty Research Achievement Awards



Dr. Gary Edgerton

*Eminent Scholar and Professor,
Communication and Theatre Arts,
College of Arts & Letters*

Dr. Gary Edgerton received his Ph.D. from the University of Massachusetts in 1981. He previously taught at Bowling Green State University and Goucher College before joining the faculty in Communication and Theatre Arts at Old Dominion University as department chair in 1994. During his career, he has been recognized with three teaching awards.

Dr. Edgerton is credited with shaping the emergence and growth of comparative media and cultural studies during the last 30 years. His peers have called him a pioneer and cited his “scholarship of the first rank.” He has published 10 books, with two more under contract and forthcoming in 2013 and 2014. He has also written more than 75 essays on an assortment of media and cultural topics in a variety of books, scholarly journals and encyclopedias. In addition, he is the co-executive editor of the *Journal of Popular Film and Television*; has delivered over 100 conference and keynote presentations; and has averaged two dozen commentaries a year since 1990 across a wide spectrum of international and national newspapers, magazines, television, radio and Internet outlets.

He was chosen by Columbia University Press to write *The Columbia History of American Television*, and in 2008 the book won the John G. Cawelti Book Award of the American Culture Association for Outstanding Scholarly Inquiry into American Cultural Studies. The book is now considered a classic. He also placed second in the 2001 John G. Cawelti Book Award for Ken Burns’s *America*, his book on the well-known documentary filmmaker. Moreover, in 2004, he received the American Culture Association Governing Board Award for Outstanding Contributions to American Cultural Studies.



Dr. Li-Shi Luo

*Richard F. Barry Distinguished
Professor of Mathematics & Statistics
College of Sciences*

Dr. Li-Shi Luo received his Ph.D. from the Georgia Institute of Technology in 1993. He came to ODU in 2004 and in 2007 was named the Richard F. Barry Jr. Distinguished Endowed Professor in Mathematics. In the fall of 2010, Dr. Luo was elected a Fellow of the American Physical Society for his work in fluid dynamics. He is one of only 15 ODU faculty holding this honor.

Dr. Luo has 66 journal publications. The quality of his research is evident in the more than 3,000 citations his authored or co-authored papers have received. In addition, Dr. Luo has delivered more than 28 invited meeting and conference talks, has participated in another 12 talks at conferences and meetings and has been involved in 35 colloquia on the kinetic methods and related subjects.

During his time at ODU, Dr. Luo has received over \$1.2 million in externally funded grants. His 2009-10 appointment as a Visiting Fellow at the prestigious Isaac Newton Institute for Mathematical Sciences at the University of Cambridge, UK, serves to confirm the high international regard in which he and his research are held.



ODU Fellows

College of Arts & Letters

Regina Karp

International Institute for Strategic Studies

Donald Zeigler

American Geographical Society

Frank Batten College of Engineering & Technology

A. Osman Akan

American Society of Civil Engineers

Oktay Baysal

American Society of Mechanical Engineers

Sushil K. Chaturvedi

American Society of Mechanical Engineers

Jeremiah Creedon

American Institute of Aeronautics and Astronautics

Gary Crossman

American Society for Engineering Education

Ayodeji O. Demuren

Institution of Mechanical Engineers

William A. Drewry

American Society of Civil Engineers

Adrian Gheorghe

Society for Risk Analysis - Europe

Swiss Society for Risk Analysis

Swiss Society for Energy Policy

Khan Iftekharuddin

Society for Photo-Instrumentation Engineers

Ravindra Joshi

Institute of Electrical and Electronics Engineers

Mohammad A. Karim

Institute of Electrical and Electronics Engineers

Institute of Physics

Institution of Engineering and Technology

Optical Society of America

Society of Photo-Instrumentation Engineers

Bangladesh Academy of Sciences

Asad Khattak

American Society of Civil Engineers

Mounir Laroussi

Institute of Electrical and Electronics Engineers

Martin Mikulas

National Academy of Engineering

Ahmed K. Noor

American Society of Civil Engineers

American Society of Mechanical Engineers

American Institute of Aeronautics and Astronautics

American Academy of Mechanics

U.S. Association for Computational Mechanics

Ramamurthy Prabhakaran

Society for Experimental Mechanics

Zia Razzaq

American Society of Civil Engineers

John Samuels

National Academy of Engineering

Karl H. Schoenbach

Institute of Electrical and Electronics Engineers

Resit Unal

American Society of Engineering Management

College of Business & Public Administration

John B. Ford

Academy of Marketing Science

Yuping Liu-Thompkins

Society for New Communications Research

Michael J. Seiler

American Real Estate Society

Darden College of Education

David Branch

American College of Sport Medicine

Nicholas G. Bountress

American Speech-Language and Hearing Association

Nina Brown

American Group Psychotherapy Association

Sheri Colberg-Ochs

American College of Sport Medicine

Anastasia Raymer

American Speech-Language and Hearing Association

Theodore P. Remley

American Counseling Association

John Ritz

International Technology Education Association

Robert Spina

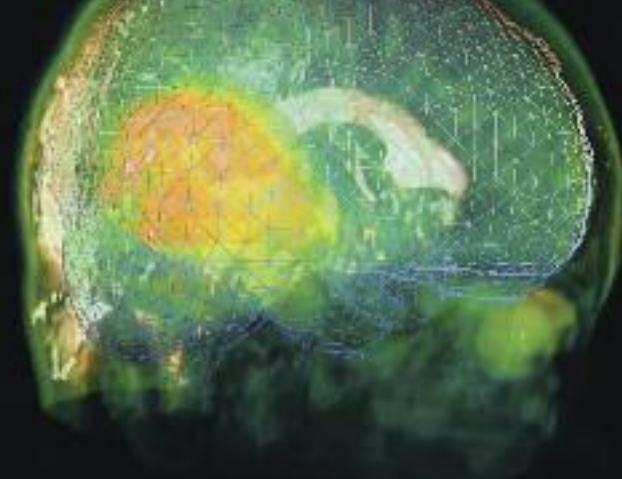
American College of Sport Medicine

American Academy of Kinesiology and

Physical Education

David Swain

American College of Sport Medicine



Xihe Zhu

American Alliance for Health, Physical Education,
Recreation and Dance

College of Health Sciences

Kimberly Adams-Tufts

American Physical Therapy Association

Richardean Benjamin

Academy of Nursing Education
American Academy of Nursing

John Echternach

American Physical Therapy Association

Jim Neff

American Academy of Health Behavior

Richard Heller

Society for In Vitro Biology

College of Sciences

Larry Atkinson

American Association for the Advancement of Science

Ian Balitsky

American Physical Society

Peter Bernath

Optical Society of America

Dennis Darby

Geological Society of America

Frank Day

Society of Wetland Scientists

Jean Delayen

American Physical Society

Valerian Derlega

American Psychological Association
Society for the Psychological Study of Social Issues
Society of Experimental Social Psychology

Ann Gargett

Royal Society of Canada

Alexander Gurevitch

American Physical Society

Mark Havey

American Physical Society

John Holsinger

National Speleological Society

Charles E. Hyde

American Physical Society

Cynthia Jones

American Association for the Advancement of Science

Geoff Krafft

American Physical Society

Sebastian Kuhn

American Physical Society

Li-Shi Luo

American Physical Society

Debra Major

Society of Industrial and Organizational Psychology

Harold G. Marshall

Virginia Academy of Sciences

Bernard Mecking

American Physical Society

Lytton Musselman

Linnean Society of London
International Parasitic Plant Society

Dayanand Naik

American Statistical Association

Nora Noffke

Geological Society of America

Anatoly Radyushkin

American Physical Society

Janis Sanchez

American Psychological Association

Mark W. Scerbo

Human Factors and Ergonomics Society

Rocco Schiavilla

American Physical Society

Carol Simpson

Geological Society of America

Daniel Sonenshine

Entomological Society of America

Don Swift

Geological Society of America

John Tweed

Royal Society of Edinburgh
Institute of Mathematics and Its Applications

Jay Wallace Van Orden

American Physical Society

Lepsha Vuskovic

American Physical Society

Colm Whelan

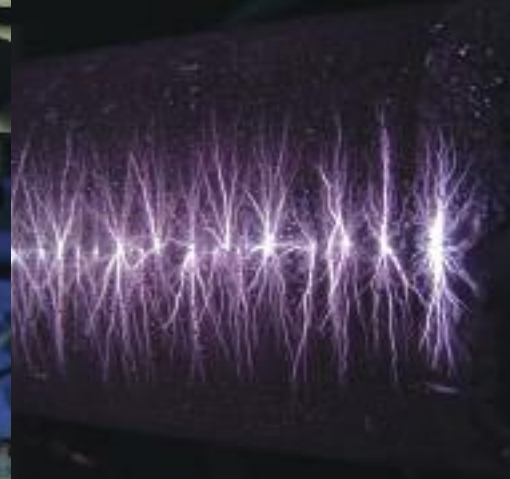
American Physical Society
Institute of Physics

Lawrence Weinstein

American Physical Society

Nancy Xu

American Association for the Advancement of Science



Honorary Awards

College of Arts and Letters

Adams, Francis. University Professor Award, Old Dominion University, 2011.

Bailey, Blake. Finalist, Biography, *Cheever: A Life*. James Tait Black Memorial Prize, University of Edinburgh, Edinburgh, Scotland, August 20, 2010.

Blanco, Ivanette. Graphic Design USA. American Inhouse Design Awards: Juried. Award of Excellence: Jennifer James Lecture Poster, May 2011.

Clemons, Michael L. National Endowment for the Humanities Teaching Development Fellow, 2011.

Edgerton, Gary R. 27th Annual Faculty Research Achievement Award, Old Dominion University, May 2011.

Facer, Betty Rose. International Association for Language Learning Technology Showcase Award, 2011.

Facer, Betty Rose. Nominated for the ACTFL-Cengage Learning Faculty Development Programs Award for Excellence in Foreign Language Instruction Using Technology, International Association for Language Learning Technology, 2011.

Fellman, Anita Clair. Senior Fulbright Specialist Award, Kigali, Rwanda, February 2011.

Hammond, Katherine. Commendation for Distinguished Achievement in Media and Sound Design for *aDreamPlay*, Kennedy Center American College Theatre Festival National Selection Committee, Washington, DC, June 2011.

Heidbrink, Ingo. Carson Fellowship, Rachel Carson Center for Environment and Society, Munich, Germany, 2011.

Igloria, Luisa A. 2010-11 Philippines Free Press Literary Awards - First Prize in Poetry, June 2011.

Leib, Jonathan. Outstanding Reference Source Award, American Library Association's Reference and User Services Association, 2011.

Leib, Jonathan. Outstanding Service Award, Southeastern Division of the Association of American Geographers, Birmingham, AL, 2010.

Peery, Janet. MacDowell Foundation Residency Award, Peterborough, NH, 2011.

Rothe, D.L. Young Career Award, American Society of Criminology, 2010.

College of Business and Public Administration

Berry, Walter. Super CPA Educator, Virginia Society of Certified Public Accountants, 2010.

Kubichan, Terry R. Outstanding Full-time Non-Tenure Track Faculty Teaching Award and Outstanding Advising Award, College of Business and Public Administration, ODU, 2011.

Ziegenfuss, Douglas. Super CPA Educator, Virginia Society of Certified Public Accountants, 2010.

Ardalan, Ali. ODU Teaching with Technology Award, 2010-11.

Li, Ling. Faculty Leadership Award, Graduate Information Technology Student Society, ODU, 2011.

Li, Ling. Teaching Excellence Award, Graduate Information Technology Student Society, ODU, 2011.

Talley, Wayne. Provost's Award for Leadership in International Education, ODU, 2010.

Zhou, Haiwen. Outstanding Research Award, College of Business and Public Administration, ODU, April 2011.



Griffith, John. Outstanding Full-time Tenure Track Faculty Teaching Award, College of Business and Public Administration, ODU, April 2011.

Najand, Mohammad. Most Inspirational Faculty Member, College of Business and Public Administration, December 2010.

Seiler, Michael. Red Pen Award, *Journal of Real Estate Portfolio Management*, 2011.

Seiler, Michael. Best Paper in Industrial Real Estate award. "The Political Economy of Green Industrial Warehouses." Co-authored with David M. Harrison. American Real Estate Society, Seattle, WA, April 2011.

Carraway, Jimmie. Outstanding Teaching Faculty, College of Business and Public Administration, ODU, 2010.

He, Wu and M. Abdous. 2010 Best Research Paper Award, 28th Annual Conference of the National University Telecommunications Network, Colorado Springs, CO, September 2010.

Frazier, M. Lance. Recipient of Outstanding Reviewer award, Academy of Management, Organizational Behavior Division, 2009 and 2010.

Lee, Soo Hoon. Faculty Development Award, ODU, 2011.

Karande, Kiran. Outstanding Full-time Tenure Track Faculty Teaching Award, College of Business and Public Administration, ODU, April 2011.

Pongpatipat, Chatdanai*. Outstanding Doctoral Student in Marketing, College of Business and Public Administration, ODU, April 2011.

Alkadry, Mohamad. Visiting Scholar, Department of Public Administration, Virginia Commonwealth University, 2010-2011.

Darden College of Education

Bernstein, Gary M. Most Inspiring Faculty Award, Darden College of Education, ODU, 2011.

Bol, Linda. Doctoral Mentoring Award, ODU, 2011.

Craigen, Laurie M. President's Award, National Organization for Human Services, 2010.

Dustin, Jill C. President's Award, National Organization for Human Services, 2010.

Katsioloudis, Petros. Instructional Publications Award, ODU, 2011.

Kennedy, Betsy. Teaching Innovation and Excellence Award, 2010.

Neukrug, Edward S. Honorable Mention, Ethics Competition, American Counseling Association, 2011.

Overbaugh, Richard C. Tonelson Award, Darden College of Education Faculty Governance Organization, ODU, 2010.

Reed, Philip A. Most Inspirational Faculty Member, Darden College of Education, ODU, 2011.

Shapiro, Stephen. Best Professional Paper, Sport Marketing Association, 2010.

Van Lunen, Bonnie L. Outstanding Research Manuscript, *Athletic Training Education Journal*, 2011.

Frank Batten College of Engineering & Technology

Razzaq, Z. 2010 International Peace Prize for practicing peace in thought, action and example locally and globally, United Cultural Convention, USA.

S. Kadiam, A.A. Mohammed, **D.T. Nguyen.** VMASC Special Recognition for Excellent Research in the "Training & Education Track," 2011 Capstone Conference.



Ash, R.L. Faculty advisor, ODU team, third place, NASA Exploration System Mission Directorate's 2011 ESMD Space Grant Systems Engineering Paper Competition, 2011.

College of Health Sciences

Jeng, Anna. Certificates of Merit, National Environmental Health Association/Virginia Environmental Health Association, 2011.

Jeng, Anna. Gene W. Hirschfeld Faculty Excellence Award, College of Health Sciences, ODU, 2011.

Zhang, Qi. Finalist for the Doctoral Mentoring Award, ODU, 2011.

Zhang, Qi. Achievement Award, *North American Journal of Medicine and Science*, 2010.

Zhang, Qi. Community Service Award, Organization of Chinese Americans, Eastern Virginia Chapter, 2010.

Grisetti, Gail. Town-N-Gown Community Service Award, October 2010.

Grisetti, Gail. Inside Business Health Care Heroes Award, February 2011.

Karlowicz, K.A. and **L.S. King.** Writing Award for Excellence in Education for 2009. "The healing power of reflective writing for a student victim of sexual assault." *Journal of Forensic Nursing*, October 2010.

Tolle, Lynn. ODU Outstanding Faculty SCHEV Award Nominee, December 2010.

Darby, Michele. Outstanding Dental Hygiene Alumna, School of Dental Medicine, University of Pittsburgh, April 2011.

Claiborne, Denise* and **Marlana Gravely*.** MSDH degree candidates, third place, Dental Hygiene Student Awards for Outstanding Achievement in Community Health Dentistry, American Association of Public Health Dentistry, National Oral Health Conference, Pittsburgh, PA, April 2011.

Stull, Sharon. Crest-Oral B Pro in the Profession Award, American Dental Hygienists' Association Annual Session, Nashville, TN, June 2011.

College of Sciences

Balitsky, Ian. Outstanding Research Award, Physics Department, Old Dominion University, 2010.

Brill, John C. Outstanding Young Alumnus, University of West Florida, 2011.

Butler, Mark. Virginia Outstanding Faculty of the Year, State Council of Higher Education for Virginia, 2011.

Carpenter, Kent. Fulbright Senior Scholar Award, 2011.

Carpenter, Kent. Distinguished Research Award, College of Sciences, ODU, 2011.

Chrisochoides, Nikos. Richard T. Cheng Endowed Chair, ODU, 2010 to present.

Delayen, Jean. USPAS Prize for Achievement in Accelerator Physics and Technology, ODU, 2011.

Greene, Leslie. Most Inspiring Faculty Mentor, Chemistry Department, ODU, 2010.

Havey, Mark. Arfken Lecturer, Miami University, 2011.

Hofmann, Eileen. Distinguished Research Award, College of Sciences, ODU, 2010.

Justice, Elaine. Distinguished Teaching Award, College of Sciences, ODU, 2011.

Lewis, Robin J. Graduates Award, Virginia Consortium for Professional Psychology, 2010.

Rizvi, M., T. Humphries, D.A. Major, M.P. Jones*, and H.M. Lauzun*. Best Paper Award, "A CSO course using Scratch." Consortium of Computing Sciences in Colleges Eastern Conference, 2010.

Major, Debra. ODU Graduate Student Mentor Award Finalist, 2010.



Maly, Kurt. Top paper award, Services Computation 2010, Lisbon, Portugal, November 2010.

Nadeem, Tamer. The Ninth Geni Conference Travel Grant, National Science Foundation, 2010.

Nelson, Michael L. Digital Preservation Award for work on Memento, Digital Preservation Coalition, London, UK, December 2010.

Nelson, Michael L. Recognition for work on "Memento," Microsoft Research Faculty Summit 2010, Redmond, WA, July 2010.

Nelson, Michael L. Recognition for work on "Memento," O'Reilly Foo Camp, Sebastopol, CA, June 2010.

Noffke, Nora. Outstanding Contributions in Geobiology, Geological Society of America, 2010.

Overstreet, Mike. Distinguished Service Award, College of Sciences, ODU, 2011.

Popovic, Svetozar. Summer Faculty Fellow, Wright Patterson Air Force Research Laboratory, 2010.

Popovic, Svetozar. Grand Certificate of Acknowledgment and Appreciation, Institute of Physics, Belgrade, 2011.

Radyushkin, Anton. First Annual Award of Joint Institute for Nuclear Research - Dubna in Theoretical Physics, 2010.

Scerbo, Mark. Paper of Distinction, Association for Surgical Education Annual Meeting, 2010.

Newlin-Canzone, E.T.*, **M.W. Scerbo**, G. Gliva-McConvey, A.M. Wallace, and L. Lyman. Outstanding Poster, 2nd place, "The impact of improvised responses on the ability to portray and observe." The 10th Annual Association of Standardized Patient Educators Conference, Nashville, TN, 2011.

Sukenik, Charles. Distinguished Faculty Teaching Award, College of Sciences, Old Dominion University, 2010.

Sukenik, Charles. Outstanding Undergraduate Advisor Award, College of Sciences, ODU, 2011.

Sukenik, Charles. Most Inspiring Faculty Member, College of Sciences, ODU, 2010.

Vuskovic, Leposava. Virginia Outstanding Faculty Award Finalist, 2010.

Weinstein, Lawrence. Distinguished Volunteer, Princess Anne High School, Virginia Beach, VA, 2010.

Winstead, Barbara. Gene W. Hirschfeld Faculty Excellence Award, College of Sciences, ODU, 2011.

Younkin, Jennifer. Advisor of the Year, ODU, 2010.

Younkin, Jennifer. Psychology Faculty of the Year, Psi Chi and the Association for Psychology Students, ODU, 2010.

Zhou, Ruhai. Distinguished Teaching Award, College of Sciences, ODU, 2010.

Office of Research

Virginia Modeling, Analysis and Simulation Center

Gupton, Kevin, Jeffrey Abbott, Curtis Blais, **Saikou Diallo**, Kevin Heffner, and **Charles D. Turnitsa.** "Management of C4I and M&S Data Standards With Modular Owl Ontologies," SIWzie Award, SISO, Boston, MA, 2011.

Tolk, Andreas, **Saikou Diallo**, **Jose Padilla**, and **Charles Turnitsa.** "How is M&S Interoperability Different from Other Interoperability Domains?" SIWzie Award, SISO, Boston, MA, 2011.

Ezell, B., J. Sokolowski, S. Bennett*, and A. Collins. Best Issue-linked Paper Set Award in the category of Terrorism Risk, Society for Risk Analysis, Salt Lake City, UT, 2010.

Units with over \$1M in FY11 Research Expenditures

Virginia Commercial Space Flight Authority, \$49.4M
Virginia Modeling, Analysis and Simulation Center, \$8.2M
Virginia Space Grants Consortium, \$4.3M
Communication Disorders and Special Education, \$3.2M
Frank Reidy Research Center for Bioelectrics, \$3.1M
Ocean, Earth and Atmospheric Sciences, \$3.0M
Physics, \$2.7M
Chemistry and Biochemistry, \$2.5M
Biological Sciences, \$2.5M
Engineering Management and Systems Engineering, \$1.8M
Electrical and Computer Engineering, \$1.7M
Mechanical and Aerospace Engineering, \$1.6M
Medical Laboratory and Radiation Sciences, \$1.5M
Center for Coastal and Physical Oceanography, \$1.4M
Computer Science, \$1.2M
Psychology, \$1.2M

Principal Investigators with over \$500K in FY11 Research Expenditures

Billie M. Reed, Virginia Commercial Space Flight Authority, \$49.4M
John A. Sokolowski, Virginia Modeling, Analysis and Simulation Center, \$5.34M
Mary Sandy, Virginia Space Grants Consortium, \$4.33M
Richard Heller, Frank Reidy Research Center for Bioelectrics, \$1.52M
Stephen Tonelson, Communication Disorders and Special Education, \$1.46M
Robert Gable, Communication Disorders and Special Education, \$1.32M
Patrick Hatcher, Virginia Coastal Energy Research Consortium, \$852K
Lawrence Dotolo, Virginia Tidewater Consortium for Higher Education, \$838K
John R. Donat, Chemistry & Biochemistry, \$754K Gail Dodge, Physics, \$730K
Kent Carpenter, Biological Sciences, \$661K
Greg Cutter, Ocean, Earth and Atmospheric Sciences, \$577K
Nancy Xu, Chemistry and Biochemistry, \$522K
Barry Ezell, Virginia Modeling, Analysis and Simulation Center, \$506K
Cynthia Jones, Center for Quantitative Fisheries Ecology, \$502K

FY 2011

New Research Awards

Adams, Kevin M. National Centers for System of Systems Engineering, "System Of Systems Engineering Certificate (SOSEC) Program, Task Order I." Space and Naval Warfare Systems Center, 12/23/10-12/23/11, \$309,343.

Adams, Kevin M. National Centers for System of Systems Engineering, "System Of Systems Engineering Certificate (SOSEC) Program, Task Order II." Space and Naval Warfare Systems Center, 3/21/11-1/30/12, \$34,488.

Agarwal, Vinod B. Economics, "2010 Virginia Beach Overnight Visitor Profiles and Economic Evaluation of Tourism Advertising Expenditures." Barker, Campbell & Farley, 7/1/10-6/30/11, \$96,048.

Alberts, Thomas. Mechanical & Aerospace Engineering, "Installation and Testing M3 Maglev on the ODU Guideway, Phase 2." Magne Motion, Inc., 1/1/11-6/30/12, \$304,702.

Areti, Hari. Physics, "REU Site: Renewal of REU at ODU: Accelerator and Nuclear Physics." National Science Foundation, 5/1/11-4/30/12, \$76,600.

Ashford, Julian. Ocean, Earth & Atmospheric Sciences, "A Randomised Sampling Program to Obtain Efforts, Harvest, and Harvest Composition Data from the Recreational Fishery for Blue Crabs in Maryland." Maryland Department of Natural Resources, 4/1/11-6/30/12, \$377,809.

Atkinson, Larry P. Center for Coastal Physical Oceanography, "Offshore Renewable Energy - Information Needs for Resource Assessment and Design Conditions." National Science Foundation, 6/15/11-5/31/12, \$15,000.

Atkinson, Larry P. Center for Coastal Physical Oceanography, "Over-The-Horizon Vessel Tracking Project." Center for Innovative Technology, 11/8/10-1/19/12, \$128,432.

Atkinson, Larry P. Center for Coastal Physical Oceanography, "Phased Deployment and Operation of Mid-Atlantic Regional Coastal Ocean Observing System." State University of New Jersey, 10/1/10-9/30/11, \$100,000.

Bartol, Ian K. Biological Sciences, "Eager: Collaborative Research: A New Integrated Quantitative Metrics Approach for Identifying Coordinating Gaits in Swimming Animals." National Science Foundation, 5/1/11-4/30/13, \$100,000.

Baumgart, Helmut. Electrical & Computer Engineering, "NIST-ARRA Graduate Fellowship for Pragya Shrethsa." University of Maryland, 1/1/11-12/31/11, \$48,319.

Baumgart, Helmut. Electrical & Computer Engineering, "Ultraefficient Thermoelectric Devices II." Microxact, Inc., 4/15/11-9/14/11, \$35,000.

Bayersdorfer, Frederick S. Dean's Office, Arts & Letters, "33rd Annual Literary Festival and Festival of the Arts." The City of Norfolk, 9/1/10-8/31/11, \$1,000.

Baysal, Oktay. Dean, Engineering & Technology, "ODU Engineering's Participation in the Naval Education Consortium." University of Michigan Department of Parks & Recreation, 5/6/10-9/30/10, \$24,989.

Baysal, Oktay. Dean, Engineering & Technology, "ODU Engineering's Participation in the Naval Education Consortium." University of Michigan Department of Parks & Recreation, 9/29/10-9/29/11, \$24,996.

Beebe, Stephen. Center for Bioelectrics, "Treatment of a Rat Homotopic Hepatocellular Carcinoma in Rat Liver with Nanosecond Pulsed Electric Fields and IRE." Ethicon Endo-Surgery, Inc., 2/14/11-12/31/11, \$129,307.

Behr, Joshua. Virginia Modeling, Analysis & Simulation Center, "Mapping Neighborhood Community Vulnerability and Medically Fragile Populations in Hampton Roads." Old Dominion University, 3/1/11-4/30/12, \$113,440.

Blando, James. Community & Environmental Health, "Workplace Violence Prevention Programs In NJ Healthcare Facilities." U.S. Public Health Service, 9/1/10-8/31/11, \$2,000.

Bochdansky, Alex. Ocean, Earth & Atmospheric Sciences, "Active Microbial Populations at Depth." University of California, 8/10/10-8/9/11, \$25,000.

Brill, Christopher. Psychology, "Psychophysiological Differentiation of Sotte Syndrome Produced by Real or Apparent Motion." Virginia Space Grant Consortium, 8/31/10-8/31/12, \$10,000.

Britcher, Colin P. Mechanical & Aerospace Engineering, "Analysis of the AFRL SARL Facility Drive System." Triumph Aerospace Systems, 8/1/10-12/31/10.

Burnett, Dana D. Educational Foundations and Leadership, "Supplement for Hampton Public Schools Gear Up Program." Hampton Public Schools, 7/15/10-7/14/11, \$30,000.

Butler, Mark J. Biological Sciences, "Assessment of PAV1 Virus Prevalence in Bahamian Lobster Fishery." World Wildlife Fund, 8/15/10-3/1/11, \$13,860.

Carpenter, Kent E. Biological Sciences, "RE: Origins of High Marine Biodiversity in the Indo-Malay-Philippine Archipelago: Transforming a Biodiversity Hotspot into a Research and Education Hotspot." National Science Foundation, 9/1/10-8/31/12, \$45,000.

Carpenter, Kent E. Biological Sciences, "Extinction Risk Assessment of Habitat-Forming Bivalves." Old Dominion University, 3/1/11-2/29/12, \$40,000.

Carpenter, Kent E. Biological Sciences, "Broadening RE Success in Southeast Asia to Test Hypotheses of the Origins of Coral Triangle and Sunda Shelf Marine Biodiversity and Build Collaborations in Vietnam and Thailand." National Science Foundation, 4/1/11-3/31/12, \$26,888.

Carter, Chris. Virginia Space Grant Consortium. "NASA Technology Exploration Saturdays." NASA-Headquarters, 10/1/10-3/31/11, \$48,750.

Cetin, Mecit. Civil & Environmental Engineering, "Tunnel Vision." Tunnel Vision, LLC, 4/20/11-6/30/11, \$50,000.

Chaganty, N. Rao. Mathematics & Statistics, "VDEQ: Supplement Data Analysis Support." Virginia Department of Environmental Quality, 7/1/11-7/15/12, \$21,546.

Chaganty, N. Rao. Mathematics & Statistics, "Virginia DEQ: Data Analysis." Virginia Department of Environmental Quality, 7/1/10-9/15/11, \$9,900.

Chaturvedi, Sushil. Mechanical Engineering, "Engineering Laboratory Instruction in Immersive Virtual Environment (ENLIIVEN)." National Science Foundation, 1/1/11-12/31/12, \$198,532.

Chrisochoides, Nikos. Computer Science, "A Novel Algorithmic Approach for Real-Time Image-to-Mesh Conversion of Brain MRI." National Science Foundation, 2/1/11-8/31/12, \$481,137.

Chrisochoides, Nikos. Computer Science, "Run-Time System for Parallel Mesh Generation on Petascale Computers." National Science Foundation, 4/7/11-8/31/12, \$95,746.

Chrisochoides, Nikos. Computer Science, "Software Systems Support for High Performance Computing in Computational Materials." College of William and Mary, 5/16/11-5/15/12, \$26,000.

Chrisochoides, Nikos. Computer Science, "A Multi-Layered Finite Element Application and Runtime System for Scalable High-end Computer Architecture." National Science Foundation, 4/7/11-8/31/11, \$16,000.

Chrisochoides, Nikos. Computer Science, "Software Environment for Real-Time Non-Rigid Registration Using Commodity and Grid Computing." National Science Foundation, 5/31/11-12/31/11, \$114,128.

Ciguralov, Konstantin. Psychology, "Enhancing Safety through Leadership." Colorado State University, 9/1/10-8/31/11, \$25,607.

Cooper, John B. Chemistry & Biochemistry, "Algorithms for Validation of Latent Variable Estimation Using Synthesized Chemical Signatures." Bruker Optics, Inc. 8/16/10-5/5/11, \$12,000.

Crum, Karen. Educational Foundations and Leadership, "Supplement to U.S. DOE Communication Hub Grant." U.S. Department of Education, 10/1/10-9/30/11, \$125,000.

Crum, Karen. Educational Foundations and Leadership, "The Generational Educators Network (Gen) Futures Program." U.S. Department of Education, 10/1/10-9/30/11, \$116,690.

Crum, Karen. Educational Foundations and Leadership, "The Generational Educators Network (Gen) Futures Program." U.S. Department of Education, 10/1/11-9/30/12, \$89,263.

Crum, Karen. Educational Foundations and Leadership, "The Generational Educators Network (Gen) Futures Program." U.S. Department of Education, 10/1/11-9/30/12, \$40,000.

Dauer, Daniel M. Biological Science, "VDEQ: Chesapeake Bay Program - Data Management & Analysis Component." Virginia Department of Environmental Quality, 7/1/11-7/15/12, \$103,915.

Dauer, Daniel M. Biological Sciences, "Benthic Community Health - Money Point Sediment Remediation Project." Elizabeth River Project, 9/1/10-5/31/11, \$20,000.

Dauer, Daniel M. Biological Sciences, "Chesapeake Bay Program: Data Analyses and Special Data Interpretation Projects." Virginia Department of Environmental Quality, 1/1/11-12/31/11, \$76,645.

Dauer, Daniel M. Biological Sciences, "Chesapeake Bay Project: Benthic Monitoring Component Data Collection." Virginia Department of Environmental Quality, 7/1/10-6/30/11, \$251,019.

Dauer, Daniel M. Biological Sciences, "Chesapeake Bay Project: Data Analysis and Management." Virginia Department of Environmental Quality 7/1/10-12/31/10, \$77,370.

Dauer, Daniel M. Biological Sciences, "Determination of the Ecological Condition of the Benthic Communities of Swimming Point, Portsmouth, Virginia." Gei Consultants, Inc., 9/17/10-5/31/11, \$27,000.

Dauer, Daniel M. Biological Sciences, "VDEQ: Chesapeake Bay Program - Benthic Monitoring Program." Virginia Department of Environmental Quality, 7/1/11-7/15/12, \$217,435.

Davis, Sharon R. STEM Education and Professional Studies, "Virginia Assistive Technical Support 2011." Virginia Department of Rehabilitative Service, 10/1/10-9/30/11, \$85,000.

de Paor, Declan. Physics, "Collaborative Research: Scaffolding Undergraduate Geoscience Inquiry Using New Loggable Google Earth Explorations." National Science Foundation 9/15/10-8/31/13, \$366,371 .

de Paor, Declan. Physics, "Collaborative Research: Virtual 4-D Field Education in Google Earth." National Science Foundation, 9/15/10-8/31/12, \$78,961.

Dhali, Shirshak. Electrical & Computer Engineering, "IPA for Dr. Min Song." National Science Foundation, 10/12/10-10/11/11. \$150,030.

Dhali, Shirshak. Electrical & Computer Engineering, "Recovery Act: A Nationwide Consortium of Universities to Revitalize Electric Power Engineering Education by State-of-the-art Laboratories." University of Minnesota, 7/30/10-7/29/11, \$24,999.

Dodge, Gail E. Physics, "Dasuni Adikaram 2010-2011 JSA/JLAB Graduate Fellow Jefferson Science Associates, 8/2/10-5/1/11, \$13,000.

Dodge, Gail E. Physics, "Jefferson Lab GRA Support." Jefferson Science Associates, 1/1/11-3/31/11, \$6,501.

Dodge, Gail E. Physics, "Jefferson Lab GRA Support." Jefferson Science Associates, 1/1/11-9/30/11, \$19,500.

Dodge, Gail E. Physics, "JSA/JLAB Faculty Services." Jefferson Science Associates, 10/1/10-9/30/11, \$525,530.

Dodge, Gail E. Physics, "JSA/JLAB Faculty Services." Jefferson Science Associates, 2/1/11-2/28/11, \$10,833.

Dodge, Gail E. Physics, "William Ford 2010-2011 JSA/JLAB Graduate Fellowship." Jefferson Science Associates, 8/2/10-6/30/11, \$13,000.

Donat, John R. Chemistry & Biochemistry, "VDEQ/CBP: Water Quality Monitoring Component-Data Collection." Virginia Department of Environmental Quality, 7/1/10-9/15/11, \$530,974.

Donat, John R. Chemistry & Biochemistry, "VDEQ: Water Quality Monitoring Component Virginia

Department of Environmental Quality, 7/1/11-7/15/12, \$564,046.

Dotolo, Lawrence G. Virginia Tidewater Consortium for Higher Education, "Educational Opportunity Centers Program - Year 5." U.S. Department of Education, 9/1/10-8/31/11, \$480,171.

Dotolo, Lawrence G. Virginia Tidewater Consortium for Higher Education, "SCHEV College Access Grant." State Council of Higher Education, 9/1/10-8/31/11, \$165,603.

Dotolo, Lawrence G. Virginia Tidewater Consortium for Higher Education, "VDEM 2010 HR Urban Security." Virginia Department of Emergency Management, 9/1/10-12/31/12, \$425,000.

Elmustafa, Abdelmageed. Mechanical & Aerospace Engineering, "Field Emission Measurements in Support of the 350kV Spin-Polarized DC High Voltage Photoelectron Gun Program." Jefferson Science Associates, 1/18/11-9/30/11, \$26,000.

Elmustafa, Abdelmageed. Mechanical & Aerospace Engineering, "Mechanical Engineering and Design for Polarized Electron Source Projects." Jefferson Science Associates, 3/15/11-3/14/12, \$20,000.

Elsayed-Ali, Hani. Electrical & Computer Engineering, "Characterization of Detectors for Active and Passive Remote Sensing Systems." NASA-Headquarters, 2/10/11-9/30/11, \$44,987.

Elsayed-Ali, Hani E. Electrical & Computer Engineering, "Continuation of JLAB Polarimeter Upgrade." Jefferson Science Associates, 3/1/11-2/28/12, \$61,097.

Elsayed-Ali, Hani E. Electrical & Computer Engineering, "Electron Microscopy Studies in Support of NSF Crest Center for Nano and Bio-inspired Materials and Devices." Norfolk State University, 10/1/10-8/31/11, \$15,000.

Elsayed-Ali, Hani E. Electrical & Computer Engineering, "High-Resolution Transmission Electron Microscopy." NASA-Langley Research Center, 9/13/10-9/12/11, \$5,000.

Elsayed-Ali, Hani E. Electrical & Computer Engineering, "Studies of Boron Nitride Nanotubes by Transmission Electron Microscopy." Jefferson Science Associates, 8/1/10-7/31/11, \$10,000.

Elsayed-Ali, Hani E. Electrical & Computer Engineering, "Transmission Electron Microscopy of Boron Nitride Nanotubes." National Institute of Aerospace Associates, 6/1/11-5/31/12, \$3,000.

Erten-Unal, Mujde. Civil & Environmental Engineering, "Solar Decathlon 2011." U.S. Department of Energy, 3/1/11-11/22/11, \$50,000.

Ezell, Barry. Virginia Modeling, Analysis & Simulation Center, “2011 Hampton Roads Full Scale Exercise.” Virginia Department of Emergency Management, 7/1/10-8/31/11, \$400,000.

Ezell, Barry. Virginia Modeling, Analysis & Simulation Center, “Analytical Support of the Hampton Roads Urban Area Security Program.” Hampton Roads Planning District Commission, 6/1/11-9/30/13, \$20,000.

Ezell, Barry. Virginia Modeling, Analysis & Simulation Center, “C4ISR.” Daewoo Information System Company, 7/15/10-12/31/10, \$20,000.

Ezell, Barry. Virginia Modeling, Analysis & Simulation Center, “Short Course on Risk Analysis.” Battelle National Biodefense, 9/1/10-12/31/10, \$25,000.

Ezer, Tal. Center for Coastal Physical Oceanography, “Using Inundation Modeling and Remote Sensing Data to Study Hydrodynamic and Environmental Impacts on the Survival of Cook Inlet’s Beluga Whales.” National Oceanic & Atmospheric Sciences, 10/1/11-9/30/11, \$27,000.

Gable, Robert A. Communication Disorders and Special Education, “Continuation For TTAC - “619” Portion.” Virginia Department of Education, 10/1/10-9/30/12, \$436,990.

Gable, Robert A. Communication Disorders and Special Education, “Continuation for TTAC - with ESD Portion.” Virginia Department of Education, 10/1/10-9/30/12, \$2,131,825.

Gable, Robert A. Communication Disorders and Special Education, “Continuation for TTAC - with ESD Portion.” Virginia Department of Education, 10/1/10-9/30/12, \$795,870.

Gaff, Holly. Biological Sciences, “Impact of Climate on the Introduction of a Zoonotic Disease in the United States: A Focus on Rift Valley Fever.” U.S. Department of Homeland Security, 7/1/10-6/30/11, \$91,000.

Gaff, Holly. Biological Sciences, “RCN: Ube-Incubator: Interdisciplinary Communication Laboratory for Undergraduate Biology (ICLUB).” National Science Foundation, 5/1/11-4/30/12, \$50,000.

Gainey, Randy R. Sociology & Criminal Justice, “Proposal to Conduct a Comprehensive Youth Assessment Project for the City of Norfolk Department of Human Services.” City of Norfolk, 12/1/10-6/30/11, \$38,041.

Garner, Joanna. Dean’s Office, Education, “Virginia Student Growth Measure Professional Development Initiative.” Virginia Department of Education, 5/15/11-6/30/12, \$119,848.

Gauthier, David. Biological Sciences, “Bermuda Fish Kill Investigation.” Virginia Institute of Marine Science, 7/31/10-12/31/10, \$4,000.

Gauthier, David. Biological Sciences, “Georgetown University Medical Center.” Virginia Institute of Marine Science, 10/1/10-10/31/11, \$13,000.

Gurevich, Alex. Physics, “Theoretical Investigation of Nonlinear Surface Resistance of Multilayer Superconducting Cavities.” Argonne National Laboratories, 5/16/11-5/15/13, \$254,648.

Handley, Holly. Engineering Management, “ARL Metrics Follow on Project.” Alion Science and Technology Corporation, 5/6/11-12/31/11, \$48,200.

Harvey, Henry Rodger. Ocean, Earth & Atmospheric Sciences, “Collaborative Research: Integrating Geochemistry and Proteomics to Assess Protein Sources and Their Fate in Marine Systems.” National Science Foundation, 1/1/11-8/31/11, \$313,242.

Hatcher, Patrick. Chemistry & Biochemistry, “Evaluation of Natural Organic Matter Fractions for Correlations between Chemical Composition and Biological Algae.” Floratine Biosciences, 7/1/10-12/31/11, \$33,689.

Hatcher, Patrick. Chemistry & Biochemistry, “Recovery and Purification of Trimethoxypropane from the ODU Algaenator.” Afton Chemical Corporation, 5/23/11-9/30/11, \$11,318.

Hays, Danica. Counseling and Human Services, “Mental Health Services Contract II.” Eastern Shore Community Services Board, 5/31/11-5/29/12, \$29,091.

Hays, Danica. Counseling and Human Services, “Mental Health Services Contract I.” Eastern Shore Community Services Board, 9/1/10-8/31/11, \$6,534.

Heller, Richard. Medical Laboratory and Radiation Science, “Bioelectrics Research for Casualty Care and Management.” Army Medical Research and Materials Command, 8/2/10-9/1/12, \$1,401,000.

Henson, James M. Psychology, “Subpopulation Differences in Intervention Efficacy for College Drinkers.” U.S. Public Health Service, 7/1/10-3/31/12, \$83,579.

Hester, Patrick. Engineering Management, “Research and Development Governance Capability Development for the Borders and Maritime Security Division.” U.S. Department of Homeland Security, 7/28/10-7/28/13, \$1,618,750.

Hill, Victoria. Ocean, Earth & Atmospheric Sciences, “Chromophoric Dissolved Organic Material (CDOM) in Arctic Surface Waters, Implications for Solar Heating.” National Science Foundation, 2/1/11-12/31/12, \$91,515.

Hill, Victoria. Ocean, Earth & Atmospheric Sciences, “2011 Blue Crab Bowl.” Consortium for Oceanographic Research and Education, 9/1/10-7/31/11, \$7,500.

Hines, Jacqueline F. Student Services, “Student Support Services—2009-2010 Federal Budget.” U.S. Department of Education, 9/1/10-8/31/11, \$326,099.

Hofmann, Eileen E. Center for Coastal Physical Oceanography, “Imber Imbizo-II: Support and Facilitation.” National Science Foundation, 9/1/10-8/31/11, \$25,000.

Hofmann, Eileen E. Center for Coastal Physical Oceanography, “Impacts of Changing Climate and Land Use on Carbon Cycling and Budgets of the Coastal Ocean Margin: Observations, Analysis and Modeling.” Virginia Institute of Marine Science, 2/1/11-1/31/14, \$31,497.

Horth, Lisa. Biological Sciences, “Rad: Selection in Action: Will the Gulf of Mexico Oil Leak Increase the Frequency of Mottled Black Fish?” National Science Foundation, 8/1/10-7/31/12, \$34,137.

Horth, Lisa. Biological Sciences, “REU Supplement-Rad: Selection in Action: Will the Gulf of Mexico Oil Leak Increase the Frequency of Mottled Fish?” National Science Foundation, 8/1/10-7/31/12, \$7,500.

Horth, Lisa. Biological Sciences, “The Reversible Epigenetic Effects of Pollutants on Crabs and Fish in the Chesapeake Bay, from an Epigenetic Perspective.” Virginia Environmental Endowment, 4/11/11-4/30/12, \$25,000.

Hu, Fang Q. Mathematics & Statistics, “Fast And Efficient Computation of Acoustic Scattering and its Application to Aircraft Noise Prediction.” NASA-Headquarters, 6/10/11-6/9/14, \$242,958.

Hyde, Charles E. Physics, “From Quarks to Nuclei: Grant Renewal De-Fg02-96ER40960.” U.S. Department of Energy, 3/15/11-3/14/12, \$760,000.

Janda, Louis H. Psychology, “Assistantship for Student in Virginia Consortium Program-Tidewater Child Development Center.” Virginia Department of Health, 8/24/10-8/23/12, \$14,000.

Jones, Cynthia M. Ocean, Earth & Atmospheric Sciences, “Support of Facilities to Provide Finfish Ageing for Virginia Catches and Application of a Variety of Stock Assessment Analyses Including Adapt-VPA and Scam to Provide Management Advice.” Virginia Marine Resources Commission, 9/1/10-8/31/11, \$297,610.

Jones, Cynthia M. Ocean, Earth & Atmospheric Sciences, “Preparing Otoliths for Te and Si Analyses.” U.S. Geological Survey, 8/1/10-12/31/11, \$35,721.

Joshi, Ravindra P. Electrical & Computer Engineering, “Electrostatic Active Space Radiation Shielding for Deep Space Missions.” NASA-Langley Research Center, 4/15/11-4/14/12, \$45,000.

Karp, Regina. International Studies, “Access EU - A Hampton Roads Initiative.” European Commission, 1/1/11-6/30/12, \$125,727.

Keating, Charles B. National Centers for System of Systems Engineering, “Consultant Services from Joseph Bradley for Spatial Integrated Systems.” Spatial Integrated Systems, Inc., 12/16/10-12/31/11, \$30,000.

Khattak, Asad. Civil & Environmental Engineering, “Do Trip Productions Vary in Space? Spatial Analysis of NHTS VA Add-on Data.” The Corradino Group, Inc., 5/25/11-5/24/12, \$16,251.

Khattak, Asad. Civil & Environmental Engineering, “Supplemental University NHTS Survey.” The Corradino Group, Inc., 9/9/10-9/9/11, \$42,062.

Klinck, John M. Center for Coastal Physical Oceanography, “Collaborative Research: Sam’s Contribution to Increased Ocean Heat Content on the Continental Shelf of Western Antarctic Peninsula.” National Science Foundation, 8/15/10-7/31/11, \$46,458.

Klinck, John M. Center for Coastal Physical Oceanography, “Type 1-L02170391: Collaborative Research: Atmosphere-Ocean Coupling Causing Ice Shelf Melt in Antarctica (ACCIMA).” National Science Foundation, 2/15/11-1/31/14, \$149,723.

Knisley, Steve. Mechanical & Aerospace Engineering, “Comparison of Novel Waveforms for Pacing.” Boston Scientific Corporation, 11/17/10-5/16/12, \$38,028.

Kolb, Juergen. Electrical & Computer Engineering, “Jie Zhuang Fellowship.” Institute of Electrical & Electronics Engineers, 12/6/10-12/5/11, \$3,000.

Kott, Karen. Physical Therapy, “Designing, Maintaining, and Evaluating a Family Support Access Expansion Center for Vulnerable African American Families in the Tidewater Region of Virginia.” Hampton University, 9/30/10-9/29/11, \$16,400.

Krusienski, Dean. Electrical & Computer Engineering, “General Purpose Brain-Computer Interface System.” Wadsworth Center, 1/10/11-12/31/11, \$99,213.

Krusienski, Dean. Electrical & Computer Engineering, “HCC: Medium: RUI: Control of a Robotic Manipulator Via a Brain Computer Interface.” National Science Foundation, 8/2/10-6/30/12, \$607,230.

Landman, Drew. Mechanical & Aerospace Engineering, “Experimental Program to Develop Methods for Identifying Coupled Airwake/Rotor Downwash.”

Virginia Air Systems Command, 7/30/10-7/29/11, \$17,200.

Lau-Barraco, Cathy. Psychology, "Adapting A Secondary Prevention Program for Nonstudent Emerging Adult Drinkers." U.S. Public Health Service, 7/1/10-6/30/11, \$740,945.

Lawrence, Roland W. Engineering Technology, "Advanced Aircraft Program Measurements and Materials Development." National Institute of Aerospace, 8/31/10-3/31/13, \$288,247.

Lawrence, Roland W. Engineering Technology, "An Investigation of Damage Mechanisms and the Impact of Lightning Induced Currents on the Structural Integrity of Carbon Fiber Reinforced Plastic Panels." NASA-Headquarters, 7/1/10-6/30/12, \$31,560 23

Lemaster, Margaret. Dental Hygiene, "Lake Taylor Oral Health Initiative." American Dental Hygiene Association, 1/15/11-7/15/12, \$5,000.

Lewis, Robin J. Psychology, "Sexual Minority Stressors and Lesbians' Intimate Partner Violence." Lesbian Health Fund, 6/1/11-6/30/12, \$10,000.

Li, Yaohang. Computer Science, "Career: Novel Sampling Approaches for Protein Modeling Applications." National Science Foundation, 10/1/11-9/30/11, \$376,712.

Li, Yaohang. Computer Science, "Workshop: 2011 NSF Career Proposal Writing Workshop." National Science Foundation, 1/1/11-12/31/11, \$49,990.

Liu, Yung. Business Administration, "When Loyalty and Habit Collide." Marketing Science Institute, 7/1/10-5/30/11, \$7,550.

Luo, Li-Shi. Mathematics & Statistics, "Proposal to Support U.S. Participation in ICMMS-2010." National Science Foundation, 9/1/10-8/31/11, \$15,000.

Major, Debra A. Psychology, "GSE/RES- Collaborative Research: Capitalizing on Opportunity: Narrowing the Gender Divide in Engineering and Computer Science through Professional Development." National Science Foundation, 1/1/10-3/31/12, \$114,841.

Maly, Kurt J. Computer Science, "Development of Mobile Learning Infrastructure." Inngineered Solutions, 12/1/10-12/31/11, \$53,995.

Maly, Kurt J. Computer Science, "Eagle and MMIS Raytheon Services Company Software Development 2011." Raytheon Aircraft Company, 1/1/11-12/31/11, \$70,905.

Mao, Jingdong. Chemistry & Biochemistry, "Eager: Exploring Advanced Solid-State Nmr as a Tool to Better Understand Changes in Litter Carbon Chemistry Caused by Decomposition." National Science Foundation, 9/1/10-8/31/12, \$50,000.

Mao, Jingdong. Chemistry & Biochemistry, "Tracking Dissolved Organic Nitrogen in Terrestrial Aquatic Systems Using Fluorescence EEM Spectroscopy." Lincoln University, 9/1/10-8/31/13, \$85,132.

Marshall, Harold G. Biological Sciences, "VDEQ: Phytoplankton Monitoring Component." Virginia Department of Environmental Quality, 7/1/11-7/15/12, \$122,727.

Marshall, Harold G. Biological Sciences, "Continuation of Virginia DEQ Chesapeake Bay Monitoring Program." Virginia Department of Environmental Quality, 7/1/10-9/15/11, \$129,243.

Marshall, Harold G. Biological Sciences, "Supplement: Detection and Study of Harmful Algae Including Pfiesteria." Virginia Department of Health, 9/30/10-9/29/11, \$27,977.

Marsillac, Sylvain. Electrical & Computer Engineering, "Enhancement of the Second Generation Thin Film Solar Cells." University of Toledo, 10/4/10-10/3/11, \$300,000.

Marsillac, Sylvain. Electrical & Computer Engineering, "Lightweight Photovoltaic Electricity for Portable, On-demand Power for Defense Applications." University of Toledo, 12/22/10-12/21/11, \$303,249.

McCombs, Gayle B. Dental Hygiene, "Comparison of Handpiece Design on Forearm Muscle Activity during Dental Polishing." Dentsply International, Inc., 5/19/11-9/9/11, \$24,572.

McKenzie, Frederic. Modeling, Simulation & Visualization Engineering, "Haptic-Enabled Prototype for a Nuss Procedure Planner and Trainer." Children's Surgical Specialty, 8/16/10-8/15/11, \$25,500.

Mulholland, Margaret. Ocean, Earth & Atmospheric Sciences, "Use of Algae as a Tertiary Treatment Process for Nitrogen Removal." Hampton Roads Sanitation District, 9/10/10-8/31/11, \$66,469.

Mulholland, Margaret. Ocean, Earth & Atmospheric Sciences. "Use of Algae as a Tertiary Treatment Process for Nitrogen Removal." Water Environment Research Foundation, 4/1/11-3/31/13, \$143,252.

Nadeem, Tamer. Computer Sciences, "Student Travel Grants To Attend MOBISYS 2011." National Science Foundation, 4/1/11-3/31/12, \$10,000.

Namkoong, Gon. Electrical & Computer Engineering, "Control of Indium Phase Separation and P-Type Ingan, Phase II." Cermet, Inc., 7/1/10-6/30/11, \$72,044.

Namkoong, Gon. Electrical & Computer Engineering, "Growth and Control of Ingan Nanostructures for Solar Cell Applications." Gwangju Institute of Science, 8/15/10-5/31/11, \$24,500.

Namkoong, Gon. Electrical & Computer Engineering, "Investigation of High Efficiency Solar Cell Using Highly Ordered Nanostructures and Low Bandgap Organic Semiconducting Materials." Gwangju Institute of Science, 1/1/11-12/31/11, \$13,300.

Nelson, Michael L. Computer Sciences, "III: Large: Collaborative Research: Web Archive Cooperative." National Science Foundation, 8/1/10-7/31/13, \$399,754.

Nguyen, Duc T. Civil & Environmental Engineering, "Preliminary Study for Improving NASA Weather Code." Science Systems & Application, 9/1/10-10/31/10, \$9,999.

Nunnery, John A. Educational Foundations and Leadership, "Supplement to an Examination of the Impact of the National Institute for School Leadership's Executive Development Program on Student Achievement in Massachusetts." National Institute for Student Leadership, 10/15/10-12/31/11, \$32,719.

Nunnery, John A. Educational Foundations and Leadership, "Supplement #2 to an Examination of the Impact of the National Institute for School Leadership's Executive Development Program on Student Achievement in Massachusetts." National Institute for Student Leadership, 2/1/11-12/31/11, \$16,739.

Owings, William. Educational Foundations and Leadership, "Effectiveness of Troops To Teachers Who Have Become School Administrators." Office of the Secretary of Defense, 7/1/10-6/30/11, \$12,000.

Pakhomov, Andrei. Center for Bioelectrics, "Directed Energy Bioeffects (DEBR) Program, Task Order 4." General Dynamics, 8/11/10-12/31/11, \$77,970.

Papelis, Yiannis. Virginia Modeling, Analysis & Simulation Center, "Technical Evaluation of Synthetic Texture Generation Algorithms." Diamond Visionics, 2/2/11-8/2/11, \$74,935.

Papelis, Yiannis. Virginia Modeling, Analysis & Simulation Center, "Research and Development to Increase Maturity of Concept, Operations Procedures and Technologies for Airborne Precision Spacing." Lockheed/Martin, 7/15/10-6/3/11, \$400,000.

Paulson, James F. Psychology, "Postnatal Parental Depression, Family Dynamics in Early Parenting." U.S. Public Health Service, 8/1/11-2/28/12, \$143,063.

Porter, Bryan E. Psychology, "Virginia Seat Belt Survey 2011." Virginia Department of Motor Vehicles, 10/1/10-9/30/11, \$89,614.

Porter, Bryan E. Psychology, "Virginia Targeted Occupant Protection/Impaired Driving 2011." Virginia Department of Motor Vehicles, 10/1/10-9/30/11, \$200,247.

Qian, Shizhi. Mechanical & Aerospace Engineering, "Post-Doctoral Support." Yeungnam University, 1/1/11-5/31/11, \$17,941.

Rabadi, Ghaith. Engineering Management, "Integrated Modeling and Optimization Approaches for Airport Terminal Area Management." Qatar University, 12/1/10-11/30/12, \$65,050.

Reed, Billie M. Virginia Commercial Space Flight Authority, "Demo Launch." Orbital Science Corporation, 3/11/11-4/29/11, \$650,000.

Reed, Billie M. Virginia Commercial Space Flight Authority, "FY11 Virginia Appropriations." General Assembly of Virginia, 7/1/10-6/30/11, \$1,164,686.

Reed, Billie M. Virginia Commercial Space Flight Authority, "Orbital Sciences Corp Tel Launch Equipment." Virginia Environmental Endowment, 11/15/10-12/15/10, \$1,920.

Ringleb, Stacie I. Mechanical Engineering, "Development of Virtual Reality Tools for Assessment of Return to Duty Statutes Following Mild Traumatic Brain Injury, Phase II." Advanced Anti-Terror Technologies Corporation, 8/1/10-7/31/12, \$270,000.

Robertson, Jerry B. ODU Business Gateway, "Software Development and System Safety Report for the Compact Swaging Machine." Creare, Inc., 11/15/10-9/30/11, \$285,961.

Robertson, Jerry B. ODU Business Gateway, "Veterans Business Outreach Center Program." Small Business Administration, 4/20/11-4/19/12, \$150,000.

Robertson, Jerry B. ODU Business Gateway, "Veterans Business Outreach Center." Small Business Administration, 4/20/11-7/19/11, \$49,718.

Robertson, Jerry B. ODU Business Gateway, "Genedge Alliance- ODU Business Gateway '11." Genedge Alliance, 7/1/10-6/30/11, \$140,000.

Robinson, Jack. Educational Foundations and Leadership, "Integrating Science, Literacy, and Assessment for Powerful Learning." State Council of Higher Education, 7/1/10-9/30/11, \$94,904.

Robinson, R. Mike. Virginia Modeling, Analysis & Simulation Center, "Climate Change and Sea Level Rise." Old Dominion University, 5/15/11-11/31/11, \$45,000.

Robinson, R. Mike. Virginia Modeling, Analysis & Simulation Center, "Hampton-Roads-Crater Multimodal Transportation and Distribution Study." Department of Transportation, 9/9/10-11/8/11, \$243,500.

Rose, Robert K. Biological Sciences. "Status Assessment of Southern Bog Lemmings." Virginia Department of Game & Inland Fisheries, 1/7/11-6/1/11, \$5,748.

Sandy, Mary L. Virginia Space Grant Consortium, “Virginia Space Grant / State Council of Higher Education in Virginia Space Grants 2006-2007.” State Council of Higher Education in Virginia, 7/1/10-6/30/11, \$245,000.

Sandy, Mary L. Virginia Space Grant Consortium, “Langley Aerospace Research Summer Scholars.” National Institute of Aerospace Associates, 3/9/11-9/30/11, \$1,042,648.

Sandy, Mary L. Virginia Space Grant Consortium, “NASA Main Grant 2010-2015.” NASA-Goddard Spaceflight Center, 8/31/10-8/31/11, \$845,000.

Scerbo, Mark W. Psychology, “Suturing Simulator Evaluation.” Simquest, LLC, 7/15/10-6/30/12, \$22,346.

Schafran, Gary C. Civil & Environmental Engineering, “Operation and Optimization of the Ostara Crystallization Process.” Ostara Nutrient Recovery Technologies, 10/1/10-6/30/11, \$3,629.

Schafran, Gary C. Civil & Environmental Engineering, “Operation and Optimization of the Ostara Crystallization Process.” Ostara Nutrient Recovery Technologies, 10/1/10-6/30/11, \$7,258.

Scully, Malcolm. Center for Coastal Physical Oceanography, “Collaborative Research: The Role of Wind in Estuarine Dynamics.” National Science Foundation, 6/1/11-5/31/14, \$366,219.

Shen, Yuzhong. Modeling, Simulation & Visualization Engineering, “Serious Game and Application Development.” Hampton Roads Educational Telecommunications Association, Inc., 6/2/11-9/30/11, \$17,500.

Shepherd, Laurel. Nursing, “Addressing Disparities with DNPS Prepared in Telehealth.” U.S. Department of Health & Human Services, 7/1/10-6/30/11, \$236,764.

Skouzes, Fotios. Mid-Atlantic Institute for Space and Technology, “Step-Up Interns 2010- Reach for the Stars.” Wicomico County Public Schools, 7/2/10-8/6/10, \$10,000.

Skouzes, Fotios. Mid-Atlantic Institute for Space and Technology, “Step-Up Interns 2011- Reach for the Stars.” Worcester County, MD, 6/1/11-8/31/11, \$77,000.

Skouzes, Fotios. Mid-Atlantic Institute for Space and Technology, “Step-Up Interns 2011.” Arthur W. Perdue Foundation, 6/1/11-10/31/11, \$2,500.

Skouzes, Fotios. Mid-Atlantic Institute for Space and Technology, “Step-Up Interns 2011.” NASA-Goddard Spaceflight Center, 6/1/11-10/31/11, \$75,000.

Skouzes, Fotios. Mid-Atlantic Institute for Space and Technology, “K-12 Summer of Innovation.” NASA-

Goddard Spaceflight Center, 10/1/10-1/31/11, \$49,776.

Skouzes, Fotios. Mid-Atlantic Institute for Space and Technology, “NASA Summer Camp 2010.” NASA-Goddard Spaceflight Center, 8/2/10-8/31/10, \$39,358.

Sokolowski, John. Virginia Modeling, Analysis & Simulation Center, “Innovate Hampton Roads.” Hampton Roads Partnership, 4/1/11-3/21/13, \$50,000.

Sokolowski, John. Virginia Modeling, Analysis & Simulation Center, “Provide Senior Analyst, Systems Analysis.” Alion Science and Technology Corporation, 6/1/11-9/30/11, \$63,735.

Sokolowski, John. Virginia Modeling, Analysis & Simulation Center, “Modeling and Simulation Standards Study.” Modeling & Simulation Coordination Office, 9/30/10-9/29/11, \$1,440,000.

Sokolowski, John. Virginia Modeling, Analysis & Simulation Center, “SME Work, ADM Jim Metzger.” U.S. Joint Forces Command, 3/1/11-3/15/11, \$2,400.

Sokolowski, John. Virginia Modeling, Analysis & Simulation Center, “IPA for Michael Olmstead.” Office of the Secretary of Defense, 6/21/11-6/20/13, \$367,210.

Sokolowski, John. Virginia Modeling, Analysis & Simulation Center, “Renewal of IPA for Robert Halayko.” Office of the Secretary of Defense, 10/28/10-4/27/12, \$196,921.

Sokolowski, John. Virginia Modeling, Analysis & Simulation Center, “Live, Virtual, and Constructive (LVC) Simulation.” Booz Allen Hamilton Inc., 9/1/10-10/31/11, \$15,000.

Sonenshine, Daniel. Biological Sciences, “Renewal Proposal for: Endocrinology of Tick Reproduction: A New Perspective.” North Carolina State University, 8/1/10-7/31/11, \$95,478.

Stacey, Michael. Center for Bioelectrics, “Sensitizing 3-Dimensional Tumors to Ultrashort Pulsed Electronic Fields.” Breeden-Adams Foundation, 1/1/11-12/31/11, \$14,625.

Sukenik, Charles I. Physics, “Novel Metastable Krypton Beam Source.” Argonne National Laboratories, 6/1/11-8/31/11, \$8,418.

Swanson, R. James. Biological Sciences, “In Vivo Nanosecond Electric Stimuli for Non-Lethal Immobilization: Finding a Reversible Optimized Maximum.” Office of Naval Research, 5/6/11-5/5/12, \$490,892.

Swanson, R. James. Biological Sciences, “Mitochondria & Oocyte Failure-Mod #7.” Eastern Virginia Medical School, 11/1/10-6/30/11, \$29,151.

Tolk, Andreas. Engineering Management, “Enhancing M&S Reuse, Phase I and Phase II.” Raytheon Aircraft Company, 9/1/10-12/31/10, \$36,000.

Tolliver, Ollie. Miscellaneous ODU Units, “Upward Bound Program.” U.S. Department of Education, 9/1/10-8/31/11, \$336,500.

Tonelson, Stephen W. Communication Disorders and Special Education, “Commonwealth Special Education Endorsement Programs Continuation.” Old Dominion University, 7/1/10-5/10/11, \$150,000.

Tonelson, Stephen W. Communication Disorders and Special Education, “Commonwealth Special Education Endorsement Programs 2010-2011 Continuation Proposal.” Virginia Department of Education, 10/1/10-9/30/11, \$306,948.

Tonelson, Stephen W. Communication Disorders and Special Education, “Visual Impairment Initial and Add-On Endorsement.” George Mason University, 10/1/10-9/30/11, \$20,996.

Van Lunen, Bonnie. Human Movement Sciences, “Evidence-Based Education for Athletic Training.” National Athletic Trainers’ Association, 5/9/11-10/31/11, \$24,569.

Vandecar-Burdin, Tancy. Social Science Research Center, “Q M R Family Interviews.” Virginia Department of Mental Health, 4/1/11-3/31/12, \$24,699.

Vandecar-Burdin, Tancy. Social Science Research Center, “Consumer Satisfaction Survey.” City of Virginia Beach, 9/1/10-2/28/11, \$948.

Ward, Christine A. Dean’s Office, Education, “Gear-Up.” U.S. Department of Education, 9/1/10-8/31/11, \$38,540.

Wargo, Joseph. Dean’s Office, Education, “Troops To Teachers, Funding Request For FY11-12.” U.S. Department of Defense, 10/1/10-9/30/11, \$150,000.

Watson, Ginger. Stem Education and Professional Studies, “Enhancing Education through Technology (E2T2): Leading Edge, Media-Rich, Online Modeling, Simulations and Games.” Hampton Roads Educational Telecommunications Association, 8/30/10-9/30/11, \$118,317.

Weigle, Michele. Computer Sciences, “Collaborative Research: CRI: CRD: Synthetic Traffic Generation Tools and Resources: A Community Resource for Experimental Networking Research.” National Science Foundation, 8/1/10-12/31/11, \$8,125.

Weinstein, Larry. Physics, “Construction and Testing of Region 2 Drift Chambers for CLAS12.” Jefferson Science Associates, 3/29/11-10/1/12, \$223,000.

Weinstein, Larry. Physics, “Services of Dr. Lawrence Weinstein.” Jefferson Science Associates, 1/1/11-5/31/11, \$21,885.

Whittecar, G. Richard. Ocean, Earth & Atmospheric Sciences, “Assessing Availability of Groundwater Resources for Piedmont Mitigation Wetlands (Project 4).” Wetland Studies and Solutions, Inc., 1/1/11-8/1/12, \$34,992.

Wu, Harris. Information Systems/Decision Sciences, “III-Cor: Collaborative Classification of Large, Growing Collections with Evolving Facets.” National Science Foundation, 9/1/10-8/31/11, \$80,702.

Xiao, Shu. Electrical & Computer Engineering, “Upgrading Labs for Power Courses at ODU for Future Energy Career Training.” Dominion Foundation, 8/1/10-6/31/11, \$30,000.

Xu, X. Nancy. Chemistry & Biochemistry, “NIRT: Design of Biocompatible Nanoparticles for Probing Living Cellular Functions and their Potential Environmental Impacts.” National Science Foundation, 7/23/10-5/31/12, \$40,315.

Zhang, Qi. Community & Environmental Health, “Causes and Interventions for Childhood Obesity: Innovative Systems Analysis.” Johns Hopkins University, 9/29/10-6/30/11, \$22,248.

Zhang, Qi. Community & Environmental Health, “Local Economic Conditions, Food Assistance Program Participation and Food Insecurity among Households with Children.” U.S. Department of Agriculture, 9/1/10-8/31/13, \$184,995.

Zhu, Hongwei. Information Systems/Decision Science, “Improving Programming and Financial Literacy Education Using Student Developed Games.” National Science Foundation, 6/1/11-5/31/14, \$197,746.

Zimmerman, Richard. Ocean, Earth & Atmospheric Sciences, “Collaborative Research: The Response of Seagrass Ecosystems to Ocean Acidification.” National Science Foundation, 3/15/11-2/28/15, \$912,102.

Zimmerman, Richard. Ocean, Earth & Atmospheric Sciences, “Integrated Modeling of Sav Habitat Requirements, Improving Predictions of Water Quality on a Critical Marine Resource.” Virginia Graduate Marine Science Consortium, 2/1/11-1/31/12, \$55,500.

Zimmerman, Richard. Ocean, Earth & Atmospheric Sciences, “Remote Assessment of St. Joseph’s Bay Seagrass Abundance Bathymetry and Prop Scarring from Quickbird Imagery.” Florida Environmental Research, 10/19/10-2/28/11, \$45,000.

Zubair, Mohammad. Computer Science, “Chesapeake Bay Program: Data Management.” Virginia Department of Environmental Quality, 7/1/10-9/15/11, \$20,000.

Zubair, Mohammad. Computer Science, “VDEQ: Supplement Data Management Component.” Virginia Department of Environmental Quality, 7/1/11-7/15/12, \$21,755

FY 2011 Intramural Research Awards

Summer Research Faculty Program

Fowler, Christianne. Nursing, College of Health Sciences, “Caregiver Quality of Life and Access to a Primary Care Provider.”

Lee, Jinsun. Communication and Theatre Arts, College of Arts and Letters, “A Book Proposal for Citizen 2.0: Netizens in the Contentious Politics of South Korea.”

McManus, John. English, College of Arts and Letters, “A Mantooth Covenant: A Novel.”

Mirkova, Anna. History, College of Arts and Letters, “Reform and Citizenship or How did Ottoman Muslims become a Bulgarian National Minority (ca. 1856-1939).”

Orr, Timothy J. History, College of Arts and Letters, “Politics in the Union Army during the American Civil War.”

Park, Jong Chool. Accounting, College of Business and Public Administration, “Product Market Competition, Managerial Slack, and Cost of Capital.”

Pratt, Greta. Art, College of Arts and Letters, “The Southern Belle.”

Richels, Corrin G. Communication Disorders and Special Education, Darden College of Education, “Spontaneous Use of Words that Express Emotions in Children Who Do and Do Not Stutter.”

Shen, Yuzhong. Modeling, Simulation, and Visualization Engineering, Frank Batten College of Engineering and Technology, “Element Tetris: Cross Platform Serious Games for Learning Chemistry.”

Vos, Jelmer. History, College of Arts and Letters, “The Kingdom of Kongo, 1880-1915.”

Yusuf, Juita-Elena. Urban Studies and Public Administration, College of Business and Public Administration, “Government Financial Information Needs of Citizens and Popular Financial Reporting.”

Summer Experience Enhancing Collaborative Research (SEECR)

Colberg-Ochs, Sheri R. Human Movement Sciences, Darden College of Education, and **C. Thomas Somma,** Medical Laboratory and Radiation Sciences, College of Health Sciences, “The Effect of Exercise Type on Postprandial Glycemia, Heart Rate Variability, and Mood in Individuals with Type 2 Diabetes.”

Li, Yaohang. Computer Science, Frank Batten College of Engineering and Technology, and **Jiang Li,** Electrical and Computer Engineering, Frank Batten College of Engineering and Technology, “Large Scale Manifold Learning and its Application in Biomedical Research.”

Popescu, Dimitrie C. Electrical and Computer Engineering, Frank Batten College of Engineering and Technology, and **Stephan Olariu,** Computer Science, Frank Batten College of Engineering and Technology, “TRENDS: A Cyber-Physical System for Traffic-Related Event Detection and Dissemination.”

Zhu, Hongwei. Information Technology and Decision Sciences, College of Business and Public Administration, and **Bruce Rubin,** Finance, College of Business and Public Administration, “Game-Based Financial Literacy and Computational Thinking.”

Multidisciplinary Seed Funding Program

Banks, Catherine, Research Associate Professor, VMASC; **John Sokolowski,** Executive Director, VMASC; **Paul Hakim, M.D.,** Visiting Scholar, VMASC; **Aryeh Shander, M.D.,** Englewood Hospital and Medical Center/Mt. Sinai Medical Center; **Karen Gillikin,** Nursing Instructor. “Tool Development for Perioperative Blood Management Simulation Training.” \$37,000.

Chrisochoides, Nikos, Richard T. Cheng Professor, Computer Science; **Ali Beskok,** Batten Professor of Computational Engineering; **Andrey Chernikov,** Research Assistant Professor, Computer Science; **Shuiwang Ji,** Assistant Professor, Computer Science; **Shizhi Qian,** Associate Professor, Aerospace and Mechanical Engineering; **Mike Stacey,** Associate Research Professor,

Frank Reidy Center for Bioelectronics; Eric Dobratz, Eastern Virginia Medical School; Joe Han, Eastern Virginia Medical School. "A Multidisciplinary Approach to Nanoscale Measurement and Image Analysis of Patient Cartilage for Predicting Surgical Response," \$70,000.

Elmustafa, A.A., Director of Applied Research Center, Professor of Electrical Engineering; Claretta J. Sullivan, Ph.D., Eastern Virginia Medical School; L.D. Britt, M.D., Eastern Virginia Medical School; **David Gauthier**, Assistant Professor, Biological Sciences. "Nanoindentation to Determine Turgor Pressure in Escherichia Coli," \$85,135.

Nelson, Michael, Associate Professor, Computer Science; **Michele Weigle**, Assistant Professor, Computer Science; **Kathie Gossett**, Assistant Professor, English; **Liza Potts**, Assistant Professor, English. "Identifying and Archiving Socially Important Conversations in the Social Web," \$54,000.

Ramjee, Balasubramanian, Assistant Professor, Chemistry and Biochemistry; Khaled Sakhel, M.D. Eastern Virginia Medical School; **Chris Osgood**, Associate Professor and Associate Dean, Biological Sciences; **Shizhi Qian** Associate Professor, Aerospace and Mechanical Engineering; **R. James Swanson**, Professor, Biological Sciences; **David Gauthier**, Assistant Professor, Biological Sciences; James Lukban, M.D., Eastern Virginia Medical School. "Robust, Multifunctional, Bio-compatible Nanocapsules for Intraoperative Imaging and Other Biomedical Applications," \$56,572.

Wang, Jin, Assistant Professor, Mathematics and Statistics; **Miltiadis Kotinis**, Assistant Professor, Aerospace and Mechanical Engineering; **Gene Hou**, Professor, Aerospace and Mechanical Engineering; **Ravindra Joshi**, Professor, Electrical and Computer Engineering. "Wave Energy Dynamics: Simulation, Experiment and Optimization," \$55,500.

Climate Change/Sea Level Rise Initiative

Alonzo, Jenifer, Assistant Professor, Communication and Theatre Arts; **Victoria Hill**, Research Assistant Professor, Ocean, Earth and Atmospheric Sciences; **Fred Dobbs**, Professor, Ocean, Earth and Atmospheric Sciences; **Amy Adcock**, Associate Professor, STEM Education and Professional Studies. "Scientific Awareness through Theatre: Inspiring Young People to Value Scientific Practice as We Adapt to Sea Level Rise and Climate Change," \$44,631.

Diaz, Rafael, Research Assistant Professor, VMASC; **Hua Liu**, Assistant Professor, Political Science and Geography; **Michael Finewood**, Visiting Instructor, Political Science and Geography; **Joshua Behr**, Associate Professor, VMASC; Paula Jasinski, Analyst, Chesapeake Environmental Communications. "The Disparate Impacts of Sea Level Rise on Hampton Roads' Underserved Populations Residing in the

Chesapeake Bay's Coastal Zone: A Multidisciplinary Approach to Understanding the Impact of Various Remediation Policy Options to Address Contaminated Environments," \$37,800.

Hametz, Maura, Associate Professor, History; **Poornima Madhavan**, Assistant Professor, Psychology; **Leona Tam**, Assistant Professor, Marketing; **Cynthia Tomovic**, Professor, STEM Education and Professional Studies. "Human Dimensions in Public Engagement and Support for Environmental Resiliency Policies," \$37,456.

Robinson, Michael, Research Assistant Professor, VMASC; **Saikou Diallo**, Research Assistant Professor, VMASC; **Jose Padilla**, Research Scientist, VMASC; **Peter Foytik**, Senior Project Scientist, VMASC. "A Decision-Support Model Addressing Issues Related to Sea Level Rise in Hampton Roads," \$45,000.

Faculty Proposal Preparation Program (FP3)

Bondi, Stella. Engineering Technology, Frank Batten College of Engineering and Technology.

Crum, Karen. Educational Foundations and Leadership, Darden College of Education.

Hammond, Katherine. Communication and Theatre Arts, College of Arts and Letters.

Krusienski, Dean. Electrical and Computer Engineering, Frank Batten College of Engineering and Technology.

Lichi, Anthony. History, College of Arts and Letters.

Zhang, Harry. Community and Environmental Health, College of Health Sciences.

Zhu, Harry. Information Technology and Decision Sciences, College of Business and Public Administration.

Patents

Malik, Muhammad A. and Karl H. Schoenbach. "Device and Method for Gas Treatment using Pulsed Corona Discharges." U.S. Patent 7,855,513 B2, issued 12/21/2010.

Buescher, E. Stephen, Karl H. Schoenbach, and Stephen J. Beebe. "Method and Apparatus for Intracellular Electro-Manipulation." U.S. Patent 4,728,546, issued 4/22/2011.

Journal Editors

College of Arts and Letters

Brenner, William. *Philosophical Investigations*, Editorial Board.

Carhart, Michael C. *Journal of the History of Ideas*, Review Editor.

Clemons, Michael L. *International Journal of Africana Studies*, Editorial Board.

Clemons, Michael L. *Journal of Intercultural Disciplines*, Editorial Board.

Clemons, Michael. *The Journal of Race and Policy*, Founding Editor.

Clemons, Michael L. *Ralph Bunche Journal of Public Affairs*, Editorial Board.

Edgerton, Gary R. *Communication Booknotes Quarterly*, Editor.

Edgerton, Gary R. *Critical Studies in Television*, Editorial Advisory Board.

Edgerton, Gary R. *Film—The Annual Editions Series*, Editorial Advisory Board.

Edgerton, Gary R. *Film & History: An Interdisciplinary Journal of Film and Television Studies*, Editorial Advisory Board.

Edgerton, Gary R. *Journal of American Culture*, Associate Editor.

Edgerton, Gary R. *Journal of Broadcasting & Electronic Media*, Editorial Advisory Board.

Edgerton, Gary R. *Journal of Popular Film and Television*, Co-Executive Editor.

Godden, David. *Cogency: Journal of Reasoning and Argumentation*, Editorial Board.

Godden, David. *Topoi: An International Review of Philosophy*, Editorial Board.

Hall, Mike. *International Trombone Association Journal*. Literature Reviews Editor.

Hametz, Maura. *Journal of Modern Italian Studies*, Book Review Editor.

Huizar, Angelica. *Experimental Poetics & Aesthetics*, Editorial Board.

Jordan, Erin. *Medieval History, H-France*, Book Review Placement Editor.

Karp, Aaron. *Contemporary Security Policy*, Co-Editor.

Karp, Regina. *Contemporary Security Policy*, Co-Editor.

Leib, Jonathan. *Southeastern Geographer*, Editorial Board Member.

Lubich, Frederick. *German Studies Review*, Editorial Board.

Merritt, Jane T. *Pennsylvania Magazine of History and Biography*, Editorial Board.

Miller, Dale E. *Utilitas*, Editorial Board.

Pearson, Yvette. *Journal of Philosophy, Science, and the Law*, Senior Associate Editor.

Potts, Liza. *The Poster: The Journal of Visual Rhetoric*, Associate Editor.

Richards, Jeffrey H. *Early American Literature*, Editorial Board.

Rodner, William S. *Scotia: Interdisciplinary Journal of Scottish Studies*, Editor.

Rothe, Dawn. *The Journal of the International Criminal Court*, Board of Editors.

Schlipphacke, Heidi. *The Goethe Yearbook*, Editorial Board.

Schulman, Peter. *Nouvelles Francographie*, Editorial Board.

Sussman, Glen. *White House Studies*, Editorial Board.

College of Business and Public Administration

Colburn, Christopher. *Forum on Public Policy*, Editorial Advisory Board.

Coppage, Samuel F. *Journal of Race and Policy*, Editorial Board.

Deadrick, Diana. *Human Resource Management*, Editorial Board.

Deadrick, Diana. *Journal of Managerial Psychology*, Editorial Board.

Doukas, John. *European Financial Management*, Founder/Editor.

Doukas, John. *Finance E* Cases*, Managing Editor and Founder.

Doukas, John. *Journal of International Business Studies*, Associate Editor.

Doukas, John. *Journal of Multinational Financial Management*, Associate Editor.

Doukas, John. *International Finance Review*, Associate Editor.

Doukas, John. *International Journal of Finance*, Associate Editor.

Doukas, John. *Managerial Finance*, Advisory Editor.

Doukas, John. *The Open Business Journal*, Associate Editor.

Doukas, John. *The Open Management Journal*, Associate Editor.

Doukas, John. *Research in International Business Finance Series*, Co-Editor.

Ford, John B. *Asia Pacific Journal of Marketing and Logistics*, Editorial Board.

Ford, John B. *Journal of the Academy of Marketing Science*, Editorial Board.

Ford, John B. *Journal of Advertising*, Editorial Board.

Ford, John B. *Journal of Advertising Research*, Editorial Board.

Ford, John B. *International Journal of Advertising*, Editorial Board.

Ford, John B. *International Marketing Review*, Editorial Board.

Ford, John B. *International Journal of Nonprofit and Voluntary Sector Marketing*, Editorial Board.

Ford, John B. *Journal of Marketing Theory and Practice*, Editorial Board.

Judge, William Q. *Corporate Governance: An International Review*, Editor-in-Chief.

Judge, William Q. *Journal of World Business*, Editorial Board.

Karande, Kiran. *International Journal of Advertising*, Editorial Board.

Leavitt, William M. *Public Works Management & Policy Journal*, Editorial Board.

Leavitt, William M. *State and Local Government Review*, Editorial Board.

Lee, Soo Hoon. *Journal of Business Venturing*, Editorial Board.

Lee, Soo Hoon. *Journal of Family Business Strategy*, Editorial Board.

Li, Ling. *Enterprise Information Systems*, Associate Editor.

Li, Ling. *International Journal of Integrated Supply Management*, Editorial Board.

Li, Shaomin. *Chinese Management Review*, Co-Editor.

Li, Shaomin. *Corporate Governance: An International Review*, Associate Editor.

Li, Shaomin. *Modern China Studies*, Editorial Board.

Liu-Tompkins, Yuping. *Journal of Marketing Communications*, Editorial Board.

Lombard, John. *Site Selection Magazine*, Editorial Advisory Board.

Lombard, John. *Journal of Applied Economic Development Research*, Editorial Board.

Koch, James V. *Journal of Business and Economics*, Editorial Board.

Koch, James V. *Social Science Quarterly*, Editorial Board.

Koch, James V. *Social Science Journal*, Editorial Board.

Koch, James V. *The Journal of Sports Economics*, Editorial Board.

Marsillac, Erika. *Advances in Business Research*, Editorial Board.

Marsillac, Erika. *Journal of Business and Leadership: Research, Practice and Teaching*, Editorial Board.

Mengistu, Berhanu. *Public Administration Review*, Editorial Board.

Mengistu, Berhanu. *Journal of Public Management and Social Policy*, Editorial Board.

Mengistu, Berhanu. *Journal of Race and Policy*, Editorial Board.

Morris, John. *Journal of Public Management and Social Policy*, Editorial Board.

Morris, John. *Public Works Management & Policy*, Editorial Board.

Nair, Anil. *Asia Pacific Journal of Management*, Senior Editor.

Poulin, Thomas E. *Virginia Social Science Journal*, Co-Editor.

Seiler, Michael J. *Journal of Housing Research*, Editorial Board.

Seiler, Michael J. *Journal of Real Estate Literature*, Co-Editor.

Seiler, Michael J. *Journal of Real Estate Research*, Editorial Board.

Singhapakdi, Anusorn. *Applied Research in Quality of Life*, Editorial Board.

Singhapakdi, Anusorn. *Journal of Macromarketing*, Editorial Policy Board.

Singhapakdi, Anusorn. *Journal of Marketing Education*, Editorial Board.

Stein, Michael. *Contemporary Accounting Research*, Editorial Board.

Talley, Wayne K. *Asian Journal of Shipping and Logistics*, Deputy Editor-in-Chief.

Talley, Wayne K. *Journal of Business Logistics*, Associate Editor.

Talley, Wayne K. *Journal of Logistics and Sustainable Transport*, International Advisory Board.

Talley, Wayne K. *International Forum on Shipping, Ports and Airport Transactions*, Editorial Board.

Talley, Wayne K. *International Journal of Shipping and Transport Logistics*, Editorial Board.

Talley, Wayne K. *Maritime Safety, Security and Piracy*, Editor.

Talley, Wayne K. *Transportation Research E: Logistics and Transportation Review*, Editor-in-Chief.

Wu, Harris. *International Journal of Operations Research and Information Systems*, Editorial Board.

Wu, Harris. *30th International Conference on Information Systems*, Associate Editor.

Xu, Li. *Enterprise Information Systems*, Founding Editor-in-Chief.

Xu, Li. *Expert Systems*, Associate Editor.

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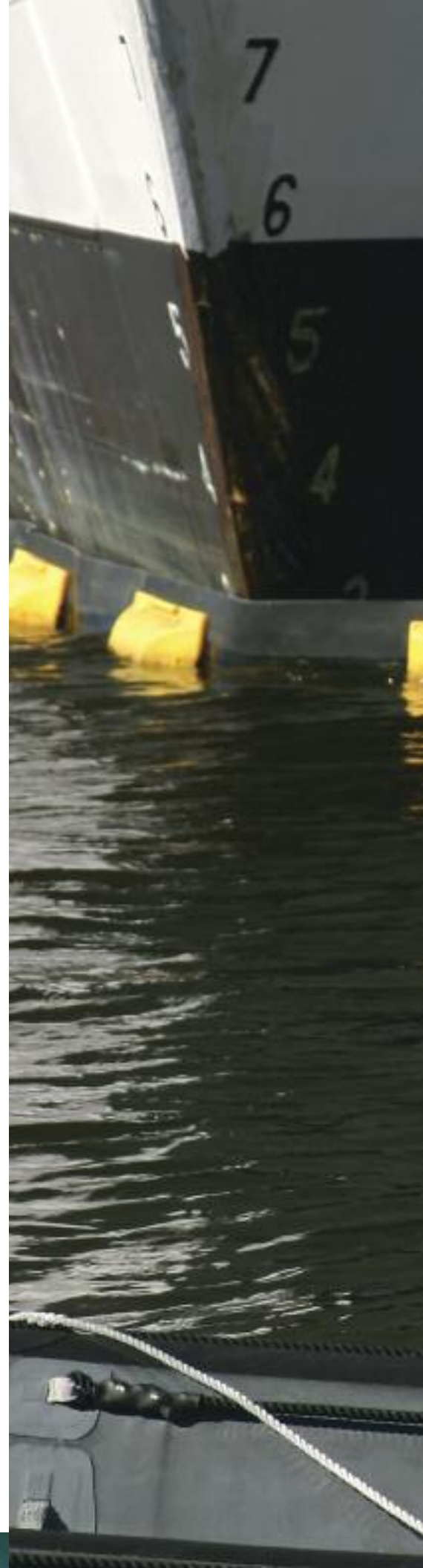
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Edgerton, Gary R. "Five Observations About Publishing in the Digital Age." *American Culture Association Annual Conference*, San Antonio, TX, April 2011.

Hassencahl, Fran. "The Rhetorical Vision of Tolerance of Muslims in Post-9/11." *9th International Symposium on Communication in the Millennium*, San Diego, CA, March 2011.

Hassencahl, Fran. "Building the Fantasy: TV Drama and 9/11." *Popular Culture Association Annual Conference*, San Antonio, TX, April 2011.

Hassencahl, Fran. "Radio SAWA: Diplomacy or Feeding the Fantasy of the Arab Street." *World Conference for Middle Eastern Studies*, Barcelona, Spain, May 2011.

Lee, Jinsun. "An International Collaborative Project by U.S. and Korean College Students." *National Communication Association Annual Conference*, San Francisco, CA, November 2010.

Lee, Jinsun. "Documenting Korean Language Change on Wikipedia." *International Linguistic Association Annual Conference*, New Brunswick, NJ, April 2011.

Pitts, Margaret. "To Vaccinate or Not: Family Decision-Making about the HPV Vaccine and Mandate." *National Communication Association Annual Conference*, San Francisco, CA, November 2010.

Pitts, Margaret. "Positive Communication: New Directions in the Practice of Health Communication and Wellness." *The Qualitative Report Second Annual Conference*, Nova Southeastern University, Fort Lauderdale, FL, January 2011.

Pitts, Margaret. "Positive Communication: New Directions in the Practice of Health Communication and Wellness." *International Conference on Language and Social Psychology*, Griffith University, Brisbane, Australia, May 2011.

Pitts, Margaret. "Gossip and Other Types of Everyday Talk in Identity Development in Intergroup Settings." *International Conference on Language and Social Psychology*, Griffith University, Brisbane, Australia, May 2011.

St. John III, Burton. "The Evolution of an Idea: Charting the early Public Relations Ideology of Edward L. Bernays." *International History of Public Relations Annual Conference*, Bournemouth University, United Kingdom, July 2010.

Santo, Avi. "The Lone Ranger: Building the National Market One Icon at a Time." *Broadcasting in the 1930s: New Media in a Time of Crisis Conference*, Madison, WI, July 2010.

Santo, Avi. "Imagining Value: William Donahey's 'The Teenie Weenies' and Struggles to Extend Character Brands in 1910s America." *Broadcasting in the 1930s: New Media in a Time of Crisis Conference*, Madison, WI, July 2010.

Santo, Avi. "Puppetmasters + Fans: On the Mechanics of Play." *Transmedia Hollywood 2 Conference*, Los Angeles, CA, April 2010.

Socha, Thomas J. and Glen Stamp. "Integrated Family-Societal Communication and Decision-Making: Triangles of Change." *National Communication Association Annual Conference*, San Francisco, CA, November 2010.

Socha, Thomas J., and Margaret Pitts. "Communication and Decision-Making Across the Lifespan: A Collaborative Summit to Advance Theory, Research, and Pedagogy." *National Communication Association Annual Conference*, San Francisco, CA, November 2010.

English

Appleton, S. "Opening the Gates of Hell: Toni Morrison's *A Mercy*." *Twentieth-Century and Beyond Conference*, Louisville, KY, 2011.

Appleton, S. "Over Towering: Fairy Tale Motifs in the Novels of Margaret Atwood." *Modern Language Association Convention*, Los Angeles, CA, 2011.

Beetschen, Kathleen* and Joe Cosco. "I Tried To Walk the Line, But Then I Realized - There Is No Line: The Ambiguity of Good and Evil in Rob Zombie's *The Devil's Rejects*." *Society for the Interdisciplinary Study of Social Imagery Annual Conference*, Colorado Springs, CO, March 19, 2011.

Cosco, Joseph. "Frowsy Weeds, Odd-Looking Creatures and Big, Awkward Sausages: Jacob Riis's Othering of Italian Food in *How the Other Half Lives*." *City College of New York/Calandra Italian American Institute Annual Conference*, Queens College, New York, NY, April 29, 2011.

Cosco, Joseph. "Woody Guthrie's Most Important Project: Singing the Names of Sacco and Vanzetti." *Society for the Interdisciplinary Study of Social Imagery Annual Conference*, Colorado Springs, CO, March 19, 2011.

Heller, Dana. "Trash Citizenship: John Waters' *Hairspray*." *Society for Cinema and Media Studies*. New Orleans, LA, March 10, 2011.

Heller, Dana. "The G Word: Programming Lesbian Reality." *Console-ing Passions Conference*. University of South Australia, Adelaide, Australia, July 22, 2011.

Foreign Languages & Literatures

Huizar, Angelica J. "Cultural Politics of the Image: Digital Snapshots of/from Latin America." *Cultural Studies Association Conference*, Berkeley, CA, March 18-20, 2010.

Huizar, Angelica J. "Deciphering, Decoding and Appreciating Digital Media of and from Latin America." *2010 Association of History, Literature, Science and Technology Conference: Deciphering*, Madrid, Spain, June 23-25, 2010.

Lubich, F.A. "Why Study German? Wie überzeugt man amerikanische Bildungspolitiker in Zeiten drastischer Haushaltskürzungen vom Nutzen und Vorteil deutscher Sprach- und Kulturprogramme." *Spring Workshop, National Identities, American Association of Teachers in German*, April 2010, p. 1-17, Fredericksburg, VA, March 2010.

History

Hametz, Maura. "Expanding beyond the Protectorate: Jews and the experience of persecution in the Adriatic Littoral." *Everyday History Approaches to the Persecution of Jews of Greater Germany and the Protectorate, 1941-1945*. University of Toronto, Berlin, Germany, November 19, 2010.

Hametz, Maura. "Harvard Man, American Dough Boy, Mississippi Jew: The Papers of Samuel Leyens Switzer in Virginia." *The Archive and Jewish Migration*, University of Cape Town, South Africa, April 13, 2011.

Hametz, Maura. "A Widow's Dilemma: Facing Fascist Administrative Justices in Mussolini's Italy." *Culture of Judicial Independence Conference*, Hebrew University of Jerusalem and University of Vienna, Vienna, Austria, May 20, 2011.

Heidbrink, Ingo. "Cryolite Shipping: Greenland - North America. Arctic Navigation as the Bottleneck for the Aluminum production of the world up to the end of WW II." *21st International Congress of Historical Sciences*, Amsterdam, The Netherlands, August 26, 2010.

Heidbrink, Ingo. "Technological revolutions of central European inland waterway shipping after WW II." *Shipping Revolutions after the Second World War Conference*, Uusikaupunki, Finland, March 18, 2011.

Heidbrink, Ingo. "Changing Identities in the Maritime World: An unsolicited comment on sailors and historians." *North American Society for Oceanic History Annual Conference*, Norfolk, VA, December 5, 2011.

Jordan, Erin. "Roving Nuns and Cistercian Realities: The Cloistering of Religious Women in the Thirteenth Century." *125th Annual Meeting of the American Historical Association*, Boston, MA, January 6-9, 2011.

Jordan, Erin. "Swords, Seals, and Coins: Female Rulers and the Instruments of Authority in Thirteenth-Century France." *46th International Congress on Medieval Studies*, Kalamazoo, MI, May 12-15, 2011.

Jordan, Erin. "Neither Male nor Female in Christ: Gender, Space and Cistercian Nunneries in Thirteenth-Century Flanders." *El monacat femeni a l'Europe Medieval* (Female Monasticism in Medieval Europe). Monestir de les Avellanes, Os de Balaguer, Spain, July 4-5, 2011.

Lees, Lorraine. "The United States and Yugoslavia in the Early Cold War." *International Conference on The Balkans in the Cold War*, Athens, Greece, May 27-29, 2011.

Vos, Jelmer. "Christian Missions in Early Colonial Kongo: a History of Appropriation and Political

Schism." *American Historical Association Annual Meeting*, Boston, MA, January 6, 2011.

Vos, Jelmer. "La traite au bas-Congo, 1830-1890." *3^{èmes} Rencontres atlantiques*. Bordeaux, France, May 12-14, 2011.

Weber, John. "HemisFair '68: Inventing the Past in San Antonio." *Southern Labor Studies Conference*. Atlanta, GA, April 7-10, 2011.

Philosophy

Bluhm, Robyn. "'Neural context' and the localization of cognitive functions." *Society for Philosophy of Science in Practice Biennial Meeting*, Exeter, UK, June 22-24, 2011.

Bluhm, Robyn. "Neuroscience and Gender Differences in Philosophical Intuitions." *Canadian Philosophical Association Equity Committee Symposium*, Fredericton, New Brunswick, May 30-June 2, 2011.

Bluhm, Robyn. "Imaging Difference." *New Scholars in Bioethics Workshop*, Lunenburg, Nova Scotia, May 21-27, 2011.

Bluhm, Robyn. "Can 'well-ordered science' save evidence-based health policy?" *Three Rivers Philosophy (TRiP) Conference Series*, Columbia, SC, April 1-3, 2011.

Bluhm, Robyn. "Folk Psychology and Borderline Personality Disorder." *Southern Society for Philosophy and Psychology Annual Meeting*, New Orleans, LA, March 10-12, 2011.

Brenner, William H. and David Godden. "Wittgenstein and the Logic of Deep Disagreement." *Third Regional Wittgenstein Workshop*, Floyd, VA, September 24-26, 2010.

Godden, David. "Frege on the Nature of Proof and Justification: Revisiting Frege's Epistemology." *Canadian Philosophical Association Annual Meeting at the Congress of the Humanities and Social Sciences 2011*. Fredericton, NB, Canada, May 30-June 2, 2011.

Godden, David. "Commentary on Kenneth Boyd 'P-Dependency and the Normative Significance of Being Gettiered.'" *Canadian Philosophical Association Annual Meeting at the Congress of the Humanities and Social Sciences 2011*. Fredericton, NB, Canada, May 30-June 2, 2011.

Godden, David. "Presumptions in Argument: Epistemic versus Social Approaches." *Argumentation: Cognition & Community: Proceedings of the 9th International Conference of the Ontario Society for the Study of Argumentation*, Eds. F. Zenker, et al. Windsor, ON, May 18-21, 2011.

Godden, David. "Commentary on Maurice Finocchiaro 'Deep Disagreements: A Meta-Argumentation Approach.'" *Argumentation: Cognition & Community: Proceedings of the 9th International Conference of the Ontario Society for the Study of Argumentation*, Windsor, ON, May 18-21, 2011.

Godden, David. "Revisiting Frege's epistemology: Frege on the nature of proof and justification." *Canadian Society for Epistemology*. Ottawa, ON, November 12, 2010.

Hatab, Lawrence. "Nietzsche, Nature, and the Affirmation of Life." *Proceedings of the International Nietzsche Conference*, Universidad Diego Portales, Santiago, Chile, 2010.

Hatab, Lawrence. "On Vanessa Lemm's *Nietzsche's Animal Philosophy*." Book panel at *49th Annual Society for Phenomenology and Existential Philosophy Conference*, Montreal, Canada, November 6, 2010.

Hatab, Lawrence. "On Paul Loeb's *The Death of Nietzsche's Zarathustra*." *American Philosophical Association Central Meeting*, Minneapolis, MN, April 2, 2011.

Political Science & Geography

Clemons, Michael L. "Race, Foreign Policy, and the Obama Presidency: Recent Trends and Developments." *The 33rd Annual Meeting of the National Conference of Black Political Scientists*, Raleigh, NC, March 16-18, 2011.

Karp, Aaron. "Three faces of nuclear disarmament." *International Studies Association*, Montreal, Canada, March 16-19, 2011.

Leib, Jonathan. "Identity, Banal Nationalism, Contestation and North American License Plates." *Annual Meeting of the Public Administration Theory Network*, Norfolk, VA, May 2011.

Leib, Jonathan and Michael Clemons. "Touring Nat Turner: Race and Public Memory in Southampton County, Virginia." *Association of American Geographers Annual Meeting*. Seattle, WA, April 2011.

Leib, Jonathan and Thomas Chapman. "Jim Crow, Civil Defense, and the Hydrogen Bomb: Race, Evacuation Planning and the Cold War in 1950s Savannah, Georgia." *Association of American Geographers Political Geography/Sexuality and Space Preconference*, Tacoma, WA, April 2011.

Leib, Jonathan. "Standing Soldier, Standing Soldier: Race, Public Memory and the Civil War in Norfolk, Virginia." *Southeastern Division of the Association of American Geographers Annual Meeting*, Birmingham, AL, November 2010.

Leib, Jonathan. "Shared Spaces, Separate Places: 'Race', Public Memory and the Civil War in Hampton Roads, Virginia." *Fifth Race, Ethnicity, and Place Conference*, Binghamton, NY, October 2010.

Sociology

Martín, Favian*, Mona Danner, and Jesse McKee*. "One Tribe's Crime Problems: A Survey of Tribal Law Enforcement Officials, Clinicians and Judges." *American Society of Criminology*, San Francisco, CA, 2010.

College of Business and Public Administration

Accounting

Amoah, Nana Y. and A. Tang. "Is the Outcome of a Securities Class Action a Reliable Signal of Accounting Irregularity?" *2010 American Accounting Association Annual Meeting*, San Francisco, CA, July 31-August 4, 2010.

Amoah, Nana Y. and A. Tang. "Does Accounting Misstatement Period Influence Securities Class Action Penalties?" *2010 American Accounting Association Annual Meeting*, San Francisco, CA, July 31-August 4, 2010.

Park, Jong and Y. Shin. "Segment Disclosure, information asymmetry, and insider trading profits around SFAS No. 131 adoption." *European Accounting Association Annual Congress*, Rome, Italy, 2011.

Park, Jong, J.B. Kim, and J.J. Lee. "Audit quality, agency costs, and the values of cash holdings and capital expenditures." *European Accounting Association Annual Congress*, Rome, Italy, 2011.

Seese, Larry and J. Kohlmeyer III. "Perceptions of Government/Nonprofit and Nonmanufacturing Firms on Hiring Candidates with Online Accounting Degrees." *American Accounting Association Annual Meeting*, 2010.

Xu, Yin. "The Impact of Standard Precision on the Principle of Transfer of Control in Construction-Type Contracts." *Post-World Congress Session*, Singapore, November 2010.

Economics

Colburn, Christopher and Sylvia Hudgins. "A Comparison of Congressional House Voting on Banking Legislation across the Years: The Changing Influence of Bank Lobby, State Industry, and Party Affiliation." *Atlantic Economic Association Annual Meeting*, Athens, Greece, March 2011.

Finance, Insurance or Real Estate

Doukas, John. "Share Repurchases as a Manipulation Tool: Evidence from Insider Trading." *Financial Management Association*, New York, NY, October 2010.

Doukas, John. "Family Control and Financing Decisions." *European Financial Management Association*, Aarhus, Denmark, June 2010.

Hudgins, Sylvia and Christopher Colburn. "A Comparison of Congressional House Voting on Banking Legislation across the Years: The Changing Influence of Bank Lobby, State Industry, and Party Affiliation." *Atlantic Economic Association Annual Meeting*, Athens, Greece, March 2011.

McShane, Michael, Ariel Pinto, and R. Kady. "Risk and System of Systems: Toward a Unified Concept." *American Society for Engineering Management*, October 15, 2010.

McShane, Michael. See Ariel C. Pinto, Engineering Management and Systems Engineering, Batten College of Engineering and Technology.

Rubin, Bruce and R. Strangways. "A Primer on Military Retirement." *Eastern Economics Association*, February 2011.

Seifert, Bruce and H. Gonenc. "Creditor Rights and Cash Levels." *Benelux Corporate Finance Day 2010*, Groningen, Netherlands, September 17, 2010.

Seifert, Bruce and H. Gonenc. "Creditor Rights and R&D Expenditures." *Euro Working Group on Financial Modeling*, Prague, Czech Republic, October 28-30, 2010.

Seifert, Bruce and H. Gonenc. "Creditor Rights and Cash Levels." *European Financial Management*, Braga, Portugal, June 22-25, 2011.

Seiler, Michael, D.M. Harrison, and W.D. Burge. "The Paradox of Judicial Foreclosure: Collateral Value Uncertainty and Mortgage Rates." *FSU 2011 Research Symposium on Government Intervention and Its Effect on Real Estate Markets*, Tallahassee, FL, April 2011.

Seiler, Michael, M.A. Lane, V.L. Seiler, and D.M. Harrison. "Can Real Estate Agents Influence Homebuyer Property Perceptions Through Their Appearance and Hyperbolic Rhetoric?" *American Real Estate Society*, Seattle, WA, April 2011.

Seiler, Michael and D.M. Harrison. "The Political Economy of Green Building." *American Real Estate Society*, Seattle, WA, April 2011.

Seiler, Michael, S.A. Pyhrr, and L.E. Wofford. "Influencing Real Estate Thought and Decision-Making Through Research and Education: The Past, Present,

and Future of ARES." *American Real Estate Society*, Seattle, WA, April 2011.

Seiler, Michael, M. Gangel, and A. Collins. "Exploring the Foreclosure Contagion Effect Using Agent-Based Modeling." *2010 Maastricht-NUS-MIT Symposium*, Boston, MA, November 2010.

Seiler, Michael and D.M. Harrison. "The Political Economy of Green Building." *Clemson University Valuation Colloquium*, Greenville, SC, November 2010.

Seiler, Michael, M. Lane, V.L. Seiler, and D.M. Harrison. "Can Real Estate Agents Impact Perceived Property Values?" *Academy of Behavioral Finance & Economics*, Chicago, IL, September 2010.

Sun, Licheng. "Momentum with Regime-Switching in Mean Returns." *Financial Management Association Annual Meetings 2010*, New York City, NY.

Yung, Kenneth, Y. Lin, and H. Rahmid. "Overconfidence in REIT Stock Trading." *2010 Eastern Finance Association Meetings*, Miami, FL, 2010.

Yung, Kenneth, Y. Lin, and H. Rahman. "Is Overconfidence also an Industry Phenomenon: The case of REITs." *2010 MidWest Finance Association Meeting*, Las Vegas, NV, 2010.

Yung, Kenneth and Y.C. Lin. "Earnings Management and Corporate Spinoffs." *2011 Southern Finance Association Conference*, Key West, FL.

Information Technology & Decision Sciences

Ardalan, Ali and R. Diaz. "CONWIP and Net-Requirement CONWIP: A Simulation Study." *International Conference on Operations Research*, September 2010.

Cao, Lan, K. Mohan, and B. Ramesh. "Knowledge Transfer in Distributed Software Support with a Traceability Framework." *American Conference on Information Systems*, Lima, Peru, August 12-15, 2010.

Cao, Lan, Harry Zhu, Y. Shen, Y. Ma, and A. Adcock. "A Serious Multiplayer Game for Learning Information Quality Management." *20th Workshop on Information Technologies and Systems*. St. Louis, MO, December 11-12, 2010.

Li, Ling and Li Xu. "The Role of TQM in ERP Implementation." *The International Federation for Information Processing International Conference on Research and Practical Issues of Enterprise Information Systems*, Rio Grande do Norte, Brazil, August 2010.

Li, Ling and Li Xu. "Assessing the Effects of Logistics Services on Supply Chain Relationship." *Proceedings*

of the 41 Annual Meeting of Decision Sciences Institute, San Diego, CA, November 2010.

Markowski, Edward, Patricia Aaltonen, and Terri Kirchner. "Ingredients of Financial Services Customer Satisfaction: The Case of Credit Card Services." *Annual Meeting of the International Association of Business and Economics*, 2010.

Markowski, Edward. "Simulation Experiments to Evaluate an Alternative to One Factor ANOVA." *Annual Meeting of the Western Chapter of the Decision Sciences Institute*, 2010.

Rhiel, G. Steven, Ali Ardan, and Marek Wermus. "Five Dimensions of Quality of College Courses." *2011 IADPAB Conference*.

Wu, Harris, K. Maly, and M. Zubair. "Collaborative Digital Library Services in a Cloud." *The Second International Conferences on Advanced Service Computing*, Lisbon, Portugal, November 21-26, 2010.

Wu, Harris and Harry Zhu. "Assessing Quality of Data Standards: Framework and Illustration using XBRL GAAP Taxonomy." *4th Metadata and Semantics Research Conference*, Alcalá de Henares, Spain, October 20-22, 2010.

Wu, Harris and Harry Zhu. "Quality of XBRL US GAAP Taxonomy: Empirical Evaluation using SEC Filings." *Proceedings of the 16th Americas Conference on Information Systems*, Lima, Peru, August 9-13, 2010.

Wu, Harris, Liulu Fu*, K. Maly, and M. Zubair. "Building Dynamic Image Collections from Internet." *Digital Humanities 2010*, London, UK, July 7-10, 2010.

Management

Brown, J. Lee* and William Q. Judge. "Toward a global theory of corporate governance: The promise of national governance bundles." *International Strategic Management Society Meetings*, Miami, FL, 2011.

Brown, J. Lee*, William Q. Judge, Yuping Liu-Thompkins, and Chat Pongpatipat*. "The national antecedents of corporate entrepreneurship: An empirical study of Fortune's global 500 firms." *Academy of International Business conference*, Nagoya, Japan, June 2011.

Deadrick, D. and D. Gardner. "Effects of employee race on performance rating validity." *Hawaii International Conference on Business*, Honolulu, HI, May 2011.

Judge, William Q., T. Talaulica, R.G. Bell, A. Zattoni, M. Witt, H. Hu, F. Lopez, J. Gabriellson, J. Chen, N. Kohli, D. Shukla, M. Quttainah, E. Adegbite, and J. Rivas. "An upper echelons perspective of organizational capacity for change: A cross-country

analysis of IPO firms." *International Strategic Management Society Meetings*, Miami, FL, 2011.

Judge, William Q., Anil Nair, Mahesh Gopinath, and Weichu Xu*. "The effects of guilt on strategic decision-making: A China-U.S. cross-cultural experimental study." *Academy of Management Meetings*, San Antonio, TX, 2011.

Judge, William Q., A. Zattoni, R.G. Bell, Krista Lewellyn*, T. Talaulicar, J. Chen, N. Kohli, M. Witt, H. Hu, D. Shukla, J. Gabriellson, M. Quttainah, F. Lopez, W. Ruigrok, S. Yamak, E. Adegbite, S. Puffer, J. Rivas, S. Fainschmidt, and H. Van Ees. "How do boards of directors contribute to IPO returns? An empirical examination of a multinational sample." *Academy of Management Meetings*, San Antonio, TX, 2011.

Judge, William Q., R.G. Bell, T. Talaulicar, J. Chen, N. Kohli, M. Witt, H. Hu, D. Shukla, A. Zattoni, J. Gabriellson, M. Quttainah, F. Lopez, S. Yamak, Y. Fassin, E. Adegbite, S. Puffer, W. Ruigrok, J. Rivas, S. Fainschmidt, and H. Van Ees. "Corporate governance and IPO underpricing throughout the world: Agency & institutional perspectives." *Academy of International Business conference*, Nagoya, Japan, 2011.

Judge, William Q., T. Talaulicar, and A. Zattoni. "Conducting international comparative management research: The IPO corporate governance research project." *ELIASM's Second Workshop on Top Management Teams & Business Strategy Research: Contextualizing Top Management Teams*, Istanbul, Turkey, 2011.

Judge, William Q., A. Stafsudd, and C. Ahmadjian. "The 2008 Financial Crisis in the United States: Lessons Learned from Sweden and Japan." *Global Financial Crisis conference*, Philadelphia, PA, 2010.

Judge, William, J. Chen*, and H. Zhang*. "The Application of Transaction Cost Economics to Corporate Governance under the Recent Financial Crisis." *Global Financial Crisis conference*, Philadelphia, PA, 2010.

Judge, William Q., G. Bell, T. Talaulicar, and A. Zattoni. "International Corporate Governance Database Project II. IMD professional development workshop." *Academy of Management Meetings*, Montreal, Canada, 2010.

White, George O., A. Canabal, and T.A. Hemphill. "Legal System Voids and Wholly Owned Foreign Subsidiary Performance: The Mediating Role of Government Relational Ties." *Academy of Management Annual Meeting*, Montreal, Canada, August 2010.

White, George O. "Legal system contingencies and dynamic capability determinants of wholly owned foreign subsidiary relational ties." *Academy of*

Management Annual Conference, Montreal, Canada, August 2010.

White, George O., J.R.W. Joplin, T.A. Hemphill, F. Hoy, and L. Marsh. "Performance Implications and Constraints of Wholly Owned Foreign Subsidiary Relation-Based Strategies in a Volatile Emerging Market Environment." *Academy of Management Annual Meeting*, August 2010.

Marketing

Arndt, Aaron D. and J. Harkins. "The Role of Technology in enabling Sales Support." *Marketing Management Association Conference*, March 23-25, 2011.

Carpenter, Michelle C. and L. Spiller. "Social Media and Its Role in Direct and Interactive IMC: Implications for Practitioners and Educators." *Direct and Interactive Research Summit*, San Francisco, CA, October 9-10. 2010.

Ford, John B., T.D. Kilic, and C. Kilic. "Does Market Orientation Drive New Product Performance? The Mediating Role of Project-Level Information Sharing Capabilities." *2011 Academy of Marketing Science National Conference*, May 2011.

Ford, John B., T. Reichert, M. LaTour, and K. Yoo. "Nudity in Fragrance Advertising: Assessing the Influence of Individual Constructs." *2011 American Academy of Advertising Conference*, April 2011.

Gopinath, Mahesh, William Q. Judge, Anil Nair, and Weichu Xu*. "The effects of guilt on strategic decision-making: A China-U.S. cross-cultural experimental study." *Academy of Management Meetings*, San Antonio, TX, 2011.

Liu-Thompkins, Yuping, William Q. Judge, J. Lee Brown*, and **Chat Pongpatipat***. "The National Antecedents of Corporate Entrepreneurship: An Empirical Study of Fortune's Global 500 Firms." *Academy of International Business 2011 Annual Meeting*, Nagoya, Japan, June 2011.

Liu-Thompkins, Yuping. "Rising to Stardom: An Empirical Investigation of the Diffusion of User-Generated Content." *Society for New Communications Research 5th Annual Research Symposium*, Stanford, CA, November 2010.

Liu-Thompkins, Yuping and E. Breugelmans. "The Effects of a Liability-Reducing Loyalty Program Policy Change on Consumer Purchase Behavior." *European Marketing Academy 2010 Annual Conference*, Copenhagen, Denmark, 2010.

Maazia, Hajar*. "An Examination of the Real Effect of Country of Origin on Perceived Quality: A Product Category Approach." *AMS 2011 Conference*, 2011.

Pongpatipat, Chatdanai*, Yuping Liu-Thompkins, William Q. Judge, and J. Lee Brown*. "The National Antecedents of Corporate Entrepreneurship: An Empirical Study of Fortune's Global 500 Firms." *Academy of International Business 2011 Annual Meeting*, Nagoya, Japan, June 2011.

Singhapakdi, Anusorn, D. Lee, M.J. Sirgy, K. Koonmee, and G. Yu. "Gender Disparity in Quality of Work Life and Employee Job-related Outcomes: Comparing Thai with American Marketing Managers." *2010 ISQOLS Conference*, Bangkok, Thailand, December 8-11, 2010.

Tam, Leona and U.M. Dholakia. "The Effects of Circular and Linear Time Orientations on Personal Savings Estimates and Behavior." *Society for Consumer Psychology Conference*, Atlanta, GA, February 2011.

Tam, Leona, G. Donnelly, R.T. Howell, and Q. Jiang. "Promoting Well-Being: The Role of Regulatory Focus in Personal Finance." *Poster for the Society for Personality and Social Psychology Conference*, San Antonio, TX, January 2011.

Tam, Leona, U.M. Dholakia, and H. Lee. "The Effects of Circular and Linear Time Orientations on Personal Savings Estimates and Behavior." *Association for Consumer Research Conference*, Jacksonville, FL, October 2010.

Urban Studies & Public Administration

Abutabenjeh, Sawson*, Juita Yusuf, and L. O'Connell. "State-Local Ownership and Financing of Roads Post-ISTEA: No Longer Business as Usual?" *Southeastern Conference of Public Administration*, 2010.

Abutabenjeh, Sawson*, J. Yusuf, and L. O'Connell. "An Unfunded Mandate by Any Other Name? State-Local Ownership and Financing of Roads." *Western Social Science Association Conference*, 2010.

Abutabenjeh, Sawson*, Melkie Getachew*, and John C. Morris. "Are There Economic Gains from the Privatization of Public Services?" *Annual Meetings of the Southeastern Conference on Public Administration*, Wilmington, NC, October 13-16, 2010.

Greentree, Vivian W.*, John C. Morris, and Jennifer A. Taylor*. "The Myth of the Rugged Individual: Implications for Public Administration, Civic Engagement, and Civil Society." *Annual Meetings of the Southeastern Conference on Public Administration*, Wilmington, NC, October 2010.

Lombard, John. "David versus Goliath: A case study of a local automobile dealership's fight to save its territory." *Annual Meeting of the International Geographical Union Applied Geography Commission*, Ericeira, Portugal, July 2010.

Lombard, John and P. Gibson. "Private Sector Results Using Public Sector Processes: Is that Ethical?" *Southeastern Conference for Public Administration*, Wilmington, NC, October 16, 2010.

Lombard, John. "Defining and Measuring the Modeling and Simulation Industry in the U.S." *50th Annual Meeting of the Southern Regional Science Association*, New Orleans, LA, March 2011.

Lombard, John. "High Tech Economies: Defining and Measuring Activity." *Panelist, American Association of Geographers Annual Meeting*, Seattle, WA, April 2011.

Leavitt, William, John C. Morris, and Adale Martin*. "The Case of the Southeastern Public Service Authority of Virginia: the Dissolution of a Regional Authority." *Southeastern Conference for Public Administration*, Wilmington, NC, October 13-16, 2010.

Leavitt, William and John C. Morris. "Grass-roots Collaboration in Local Environmental Organizations: The Case of Lynnhaven River Now." *Annual Meetings of the American Society for Public Administration*, Baltimore, MD, March 2011.

Martin, Adale*, William Leavitt, and John C. Morris. "The Case of the Southeastern Public Service Authority of Virginia: the Dissolution of a Regional Authority." *Southeastern Conference for Public Administration*, Wilmington, NC, October 13-16, 2010.

Miller-Stevens, Katrina, John C. Morris, and Jennifer Taylor*. "Public Service Values of Nonprofit and Public Sector Managers: Are We Really on the Same Page?" *Annual Conference of the Association for Research on Nonprofit Organizations and Voluntary Action*, Toronto, Canada, November 2011.

Miller-Stevens, Katrina. "State of Nonprofit Associations: An Exploration of the Relationships between Governance Practices, Organizational Structures, and Nature of Advocacy Activities." *Annual Conference of the American Society for Public Administration*, Baltimore, MD, March 2011.

Miller-Stevens, Katrina and T.R. Miller. "The Policy Subsystem Debate: The History of Policy Subsystems through Issue Networks and Beyond." *Annual Conference of the Southwestern Social Science Association*, Las Vegas, NV, March 2011.

Miller-Stevens, Katrina, "Governmental Efforts to Address Economic Issues." *Southwestern Social Science Association*, Las Vegas, NV, March 2011.

Miller-Stevens, Katrina, "Exploring E-advocacy as a Strategy for Nonprofit Lobbying." *Annual Conference of the Association for Research on Nonprofit*

Organizations and Voluntary Action, Alexandria, VA, November 2010.

Miller-Stevens, Katrina and T.R. Miller. "Abraham Lincoln as Political Scientist." *Wepner Symposium on the Lincoln Legacy and Contemporary Political Science*, University of Illinois, Springfield, IL, October 2010.

Morris, John C. and K. Neill. "Principal-Agent Theory and Agency Capture: The Case of the Deepwater Horizon Oil Spill." *Annual Meetings of the Midwest Political Science Association*, Chicago, Illinois, March 2011.

Morris, John C. and M.D. Gordon. "Deepwater or Troubled Water? Principal-Agent Theory and the Coast Guard's Deepwater Modernization Program." *Annual Meetings of the American Society for Public Administration*, Baltimore, MD, March 2011.

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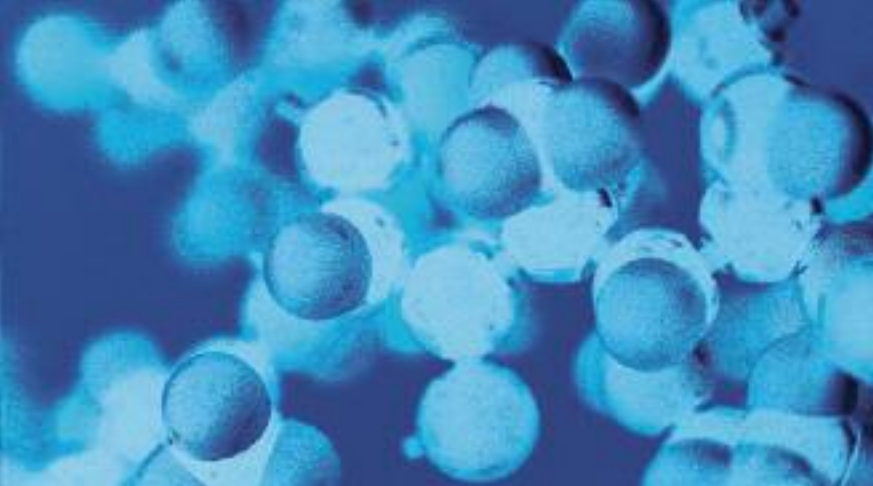
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Westerdale, Joleen. Review of *Der Adel der Habsburgermonarchie im 19. und 20. Jahrhundert*, by Georg von Freiherr von Fröhlichsthal. *Reference Reviews Europe Annual* (2011): 141-142.



Keynote/Plenary Speakers

Center for Learning and Teaching

Abdous, M'hammed. "Beyond the Hype: How to Use Web 2.0 to Engage Students." *The Third International Conference & Exhibition for ZAIN e-Learning Center*, Manama, Bahrain, 2010.

College of Arts & Letters

Fish, Jennifer. "Women's Struggles: From the Political to the Personal, the Global and Local." *Public Reconciliation Conference*, University of Cape Town, Cape Town, South Africa, August 5, 2010.

Socha, Thomas J. "In a Southern Minute: Messages, Mindfulness, and Pie." 2011 Southern States Communication Association Presidential Address, *Southern States Communication Association Annual Conference*, Little Rock, AR, March 2011.

Hametz, Maura. "Liberals and Nationalists?: Jews in Trieste and the Heart of the Italian Nation, 1896-1938." *Jüdisches Gemeindezentrum*, Berlin, Germany, November 16, 2010.

Karp, Aaron, "Meet one thousand delegates." *ODU Model United Nations Conference*, Norfolk, VA, February 17, 2011.

Frank Batten College of Engineering and Technology

Baysal, O. "Advances in Engineering Design Optimization Using Modeling and Simulation, Computational Fluid Dynamics and Optimization." *European Community on Computational Methods in Applied Sciences*, Antalya, Turkey, May 2011.

Noor, Ahmed. "Pathway to Future Virtual World Technologies." *International Conference on*

Engineering Computational Technology, Valencia, Spain, September 2010.

Verma, A. "Engaging K-12 Students in STEM Careers in Shipbuilding, Repair and Maritime Industry." *Ship Operations Cooperative Program*, Dania, FL, April 21, 2011.

Zhou, Guoqing. "Advanced Microwave Imaging Research and Applications Workshop." *Chinese Academy of Sciences*, Beijing, China, July 6-11, 2010.

College of Health Sciences

Connolly, I.M. "Dental Hygienists South African Experience." *Peninsula Dental Hygienists' Association*, September 2010.

Connolly, I.M. "Dental Hygiene in South Africa." *Annual Session of the Virginia Dental Hygienists' Association*, Roanoke, VA, April 2011.

Darby M. "Improving Oral Health in Jordan." *Dental Hygiene Pacific Rhapsody Conference*, Barnaby, BC, Canada, September 24, 2010.

Darby, M. "Inflammation-The Commonality in the Oral and Systemic Link." *Annual Session of the Connecticut Dental Hygienists' Association*, Rocky Hill, CT, November 4-5, 2010.

Darby, M. "Treating the Muslim Patient." *Northern Virginia Dental Hygienists' Association*, Fairfax, VA, February 23, 2011.

McCombs, Gayle. "Low Temperature Atmospheric Pressure Plasma: Advances in Dental Applications." *3rd International Conference for Plasma Medicine*, Greifswald, Germany, September 23, 2010.

Stull, S. "Dental Hygiene in Russia and Poland." *Annual Session, Virginia Dental Hygienists' Association*, Roanoke, VA, April 2011.

Stull, S. "Preventive Dental Hygiene Services Impact on Vulnerable Populations." *Virginia Association of Free Clinics Annual Session*, Williamsburg, VA, October 2010.

College of Sciences

Langlais, Philip J. *Research Integrity and Professional Standards: The Call for Social Accountability and Responsibility*. Research Induction Ceremony, University of Arkansas Medical Sciences Medical Center, Little Rock, AK, September 2010.

Office of Research

Frank Reidy Research Center for Bioelectronics

Beebe, Stephen. "Pulse power ablation of hepatocellular carcinoma with non-ionizing nanosecond pulsed electric fields." *International Hepatology*, Ravello, Italy, May 26-28, 2011.

Heller, Richard. "Nanosecond and Picosecond Pulses for Biological and Environmental Applications." *International Bioelectric Symposium: Bioelectronics 2011*, Toulouse, France, May 2011.

Heller, Richard. "Advances in electro gene transfer and translation to the clinic." *Gordon Research Conference on Bioelectrochemistry: The Complex Membrane in the Electric Field*. University of New England, Biddeford, ME, July 2010.

Heller, Richard. "Therapeutic Potential of Electro Gene Transfer." *Electric Fields Effects in Tumors: Biophysical Foundations and Clinical Experiences, 32nd Annual International Conference of the IEEE Engineering in Medicine and Biology Society, "Merging Medical Humanism and Technology,"* Buenos Aires, Argentina, August 2010.

Heller, Richard. "Potential Clinical Applications of Gene Transfer using Pulsed Electric Fields." *6th International Workshop on Biological Effects of Electromagnetic Fields*, Bodrum, Turkey, October 2010.

Heller, Richard. "Electro Gene Transfer for Immunotherapy and Other Therapeutic Applications." *Cork Cancer Center*, Cork, Ireland, March 2011.

Heller, Richard. "Potential Therapeutic Applications of Electrically Mediated Gene Transfer." *M.D. Anderson Cancer Center*, Houston, TX, April 2011.

Pakhomov, Andrei. "Mechanisms and Implications of Nanoelectroporation." *6th International Workshop on Biological Effects of Electromagnetic Fields*, Bodrum, Turkey, October 10-14, 2010.

Pakhomov, Andrei. "Detection and analysis of nanoelectropores by fluorescent imaging of tl+ uptake." *ITBA Workshop on Health Technologies*, Buenos Aires, Argentina, September 1, 2010.

Pakhomov, Andrei. "Nanopore detection and functional analysis in electroporated cells." *Taller Satellite: Electric Fields in Tumors: Biophysical Foundations and Clinical Experiences*, Buenos Aires, Argentina, August 31, 2010.

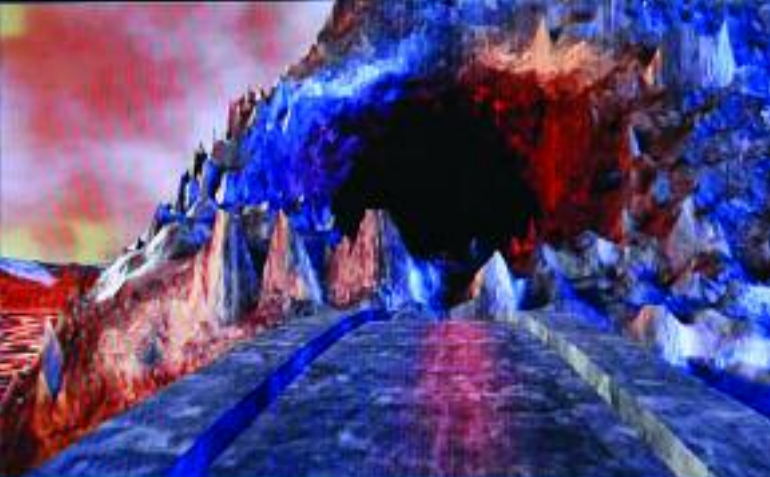
Pakhomov, Andrei. "Nanopores: A distinct transmembrane passageway in electroporated cells." *Gordon Research Conference on Bioelectrochemistry*, University of New England, Biddeford, ME, July 11-16, 2010.

Schoenbach, Karl. "Picosecond Pulses and High-Power Microwaves Expand Frontiers in Bioelectronics." Plenary Talk, *XVIII Riunione Nazionale di Elettromagnetismo*, Benevento, Italy, September 6, 2010.

Virginia Modeling, Analysis and Simulation Center

Ezell, Barry. "UASI Investment Justification Prioritization and Sustainment." *National Urban Area Security Initiative*, San Francisco, CA, July 20-22, 2011.

Sokolowski, John. "Modeling and Simulation in Healthcare." *International Meeting on Simulation in Healthcare*, New Orleans, LA, January 2011.



Creative Research/ Exhibitions

College of Arts and Letters

Art

Blanco, Ivanete. Book design for *Love Buried Deep*. 2011.

Blanco, Ivanete. Book redesign for *Picture Me*. 2011.

Bryant, Heather. *Covert Operations Print Exchange Portfolio*. Morningside College, Sioux City, IA, August 2010.

Bryant, Heather. *Food for Thought: Culinary Images in Art*. Shooting Star Gallery, Suffolk, VA, August 2010.

Bryant, Heather. *Home Sweet Home Print Exchange Portfolio*. The Jackie Macaulay Gallery, Social Justice Center, Madison, WI, September 2010.

Bryant, Heather. *Let Me Introduce Myself Print Exchange Portfolio*. The Jackie Macaulay Gallery, Social Justice Center, Madison, WI, September 2010.

Bryant, Heather. *Naughty, Taboo, and Just Plain Wrong Print Exchange Portfolio*. Nada Dada at Oxbow Press, Reno, NV, July 2010.

Bryant, Heather. *Portrait of the Artist: Self Portraits and Portraits of Hampton Roads Artists*, The Charles H. Taylor Arts Center, Hampton, VA, September 2010.

Bryant, Heather. *Small Works: Miniatures by Hampton Roads Artists*. The Charles H. Taylor Arts Center, Hampton, VA, October 2010.

Bryant, Heather. *Vibrant Spirits: The Art of Crones and Innocent*. Suffolk Museum, Suffolk, VA, July 2010.

Bryant, Heather. *The Virginia Undertowing Company: Presented by The Sailboat Press*. Artful Dodger, Harrisonburg, VA, November 2010.

Daley, Ken. *For It Is Written...Al-Mutanabbi Broadside Project*, Northern Print Studio, Newcastle-upon-Tone, England, October 2010; Tides Foundation, Thoreau Center, San Francisco, CA, October 2010; Bower-Ashton Library, Bristol, England, December 2010; Ink Spot Press Gallery, Brighton, England, December 2010; Joule Museum, Netherlands, January 2011; The Market House Gallery, Monaghan, Ireland, February 2011; New Mexico History Museum, Santa Fe, NM, February 2011; Dublin Main Library, Ireland, March 2011; Wayne State University, IN, February 2011.

Edwards, Patti. *New Waves*. Contemporary Art Center, Virginia Beach, VA, 2011.

Eudenbach, Peter. *RE:.* The Martin Agency, Richmond, VA, August 2011.

Jones, Elliot. *2010 Hoyt Mid-Atlantic Annual Juried Art Exhibition*, the Hoyt Institute of Fine Arts, New Castle, PA, 2011.

Lee, Jiwon. *The Green Canvas: The Artist as an Environmental Activist*. The Baron and Ellin Gordon Art Galleries, Norfolk, VA, December 2010.

Nickel, Rick. *Body and Soul*. Baltimore Clay Works, Baltimore, MD, November 2010.

Nickel, Rick. *Bread And Puppet*. The Decapitalization Circus & Nothing is Not Ready Pageant, Glover, VT, August 2010.

Nickel, Rick. *Clay in a Can Exhibition*. Arts and Heritage Center, North Augusta, SC, November 2010.

Nickel, Rick. *Songs for Children*. The 3rd Lillstreet International, Archie Bray Foundation for the Ceramic Arts, Helena, MO, September 2010.

Roth, John. *Red Dot Exhibition*. Art Basel, Miami, FL, December 2010; Affordable Art Fair, New York City, NY, May 2011.

Roth, John. *Solo exhibition.* The Contemporary Art Center of Virginia Beach, Virginia Beach, VA, September 2010.

Roth, John. *Solo exhibition and artist's talk.* Saratoga Arts, Saratoga Springs, NY, February 2011.

Communication and Theatre Arts

Alonzo, Jenifer. *God's Wrath Revealed and Deserved.* Director, Capital Fringe Festival, Washington, DC, July 2010.

Alonzo, Jenifer. *Mary Anning: Girl Fossil Hunter.* Creator and director, University Theatre, Old Dominion University, March 2011.

Hammond, Katherine. *aDreamPlay.* Producer and media director, Wilmington, DE, September 2010; New Orleans Fringe Festival, New Orleans, LA, November 2010; Kennedy Center American College Theatre Festival, Region IV, Daytona Beach, FL, February 2011.

Hammond, Katherine. *Little Shop of Horrors.* Director, University Theatre, Old Dominion University, October 2010.

Hanna, Christopher. *Eurydice.* Director, 47th Street Warehouse, Old Dominion University, April 2011.

Hanna, Christopher. *The New Pink: An Implausible Comedy.* Writer, Virginia Stage Company, Norfolk, VA, September-October 2010.

Hanna, Christopher. *Radio Golf.* Director, Virginia Stage Company, Norfolk, VA, March-April 2011.

Kinzer, Amanda. *Intersection.* Choreographer, *Entropy.* Choreographer, *Bluegrass Sprint.* Choreographer, modern dance pieces in Dance into Fall Concert, Old Dominion University, September 2010.

Kinzer, Amanda. *Push/Pull.* Choreographer, adjudicated modern dance piece at the Virginia Association for Health, Physical Education, Recreation, and Dance Annual State Convention, Founders Inn, Virginia Beach, VA, November 2010.

Kinzer, Amanda and Megan Thompson. *Concurrence.* Co-choreographers and co-performers, modern dance pieces in the Dance Into Fall Concert, Old Dominion University, September 2010; annual Southern District American Association for Health, Physical Education, Recreation, and Dance Convention, Kaleidoscope dance performance, Koury Convention Center, Greensboro, NC, February 2011.

Kinzer, Amanda and Megan Thompson. *Gyro.* Co-choreographer and co-performer, adjudicated modern dance piece at the 9th annual Richmond

Choreographers Showcase, Grace Street Theater, Richmond, VA, March 2011.

Marloff, Marilyn. *Bounds.* Choreographer, adjudicated modern dance piece at the Virginia Association for Health, Physical Education, Recreation, and Dance Convention Annual State Convention, Founders Inn, Virginia Beach, VA, November 2010.

Marloff, Marilyn. *Lumen Senisbus.* Choreographer, adjudicated modern dance piece at the 9th annual Richmond Choreographers Showcase, Grace Street Theater, Richmond, VA, March 2011.

Marloff, Marilyn. *My Little Apache.* Choreographer, *Bounds.* Choreographer, modern dance pieces in the Dance Into Fall Concert, Old Dominion University, September 2010.

Pullen, Stephen. *Charlie & Bronson Adventures (& Isabella, Too!).* Writer, director, producer, actor, special effects artist, editor, animator, and composer, 30-minute children's television pilot, presented to Disney Children's Television Division, Nick Jr. Television, HUB Television Network (Formerly Discovery Kids), National Geographic Children's Television Network, The Jim Henson Company, Omniquet Media, Grainey Pictures Television, and Inspired By Films, Los Angeles, CA, July 2010; PBS Children's Television and BYU-TV Children's Television, Provo, UT, August 2010.

Pullen, Stephen. *Confined Space Entry for Public Employees.* Writer, 20-minute instructional video produced at DuPont Sustainable Solutions, Virginia Beach, VA, September 2010.

Pullen, Stephen. *Golf Cart Safety.* Writer, 20-minute instructional video produced at DuPont Sustainable Solutions, Virginia Beach, VA, February 2011.

Pullen, Stephen. *Miracle on the Hudson: Choose to Act—the Chesley B. Sullenberger Story.* Writer, 25-minute instructional video produced at DuPont Sustainable Solutions, Virginia Beach, VA, June 2011.

Pullen, Stephen. *Together Again for the First Time.* Director and actor, University Theatre, Old Dominion University, November 2010.

Spiel, Christopher. *Company.* Scenic design, Okoboji Summer Theatre, Spirit Lake, IA, July 2010.

Spiel, Christopher. *Wait Until Dark.* Scenic design, Okoboji Summer Theatre, Spirit Lake, IA, June 2011.

Thompson, Megan. *Where Light Begins.* Choreographer and performer, International Dance Festival, Antigua, Guatemala, September 2010; American College Dance Festival, Elon University, NC, March 2011; Performática Festival, Puebla Mexico, April-May 2011.

Winters, Konrad. *Eurydice*. Scenic design, 47th Street Warehouse, Old Dominion University, April 2011.

English

Pearson, Michael. "Something about the Beatles." Review of the *Classical Mystery Tour with the VSO*, *AltDaily.com*, March 2011.

Pearson, Michael. "Traveling Close to Home." Review of an evening with Rick Steves at the Harrison Opera House, *AltDaily.com*, February 2011.

Pearson, Michael. Interview with Rick Steves and essay on travel writing, *The Virginian-Pilot*, February 13, 2011.

Pearson, Michael. "A Night with George and Friends." Review of *Gershwin at the Chrysler* in *AltDaily.com*, February 2011.

Pearson, Michael. "Tale of a Tux: Mozart's *Così fan Tutte* at the Virginia Opera." *AltDaily.com*, November 2010.

Pearson, Michael. "A New Perspective on South Africa." *AltDaily.com*, July 2010.

College of Health Sciences

School of Community and Environmental Health

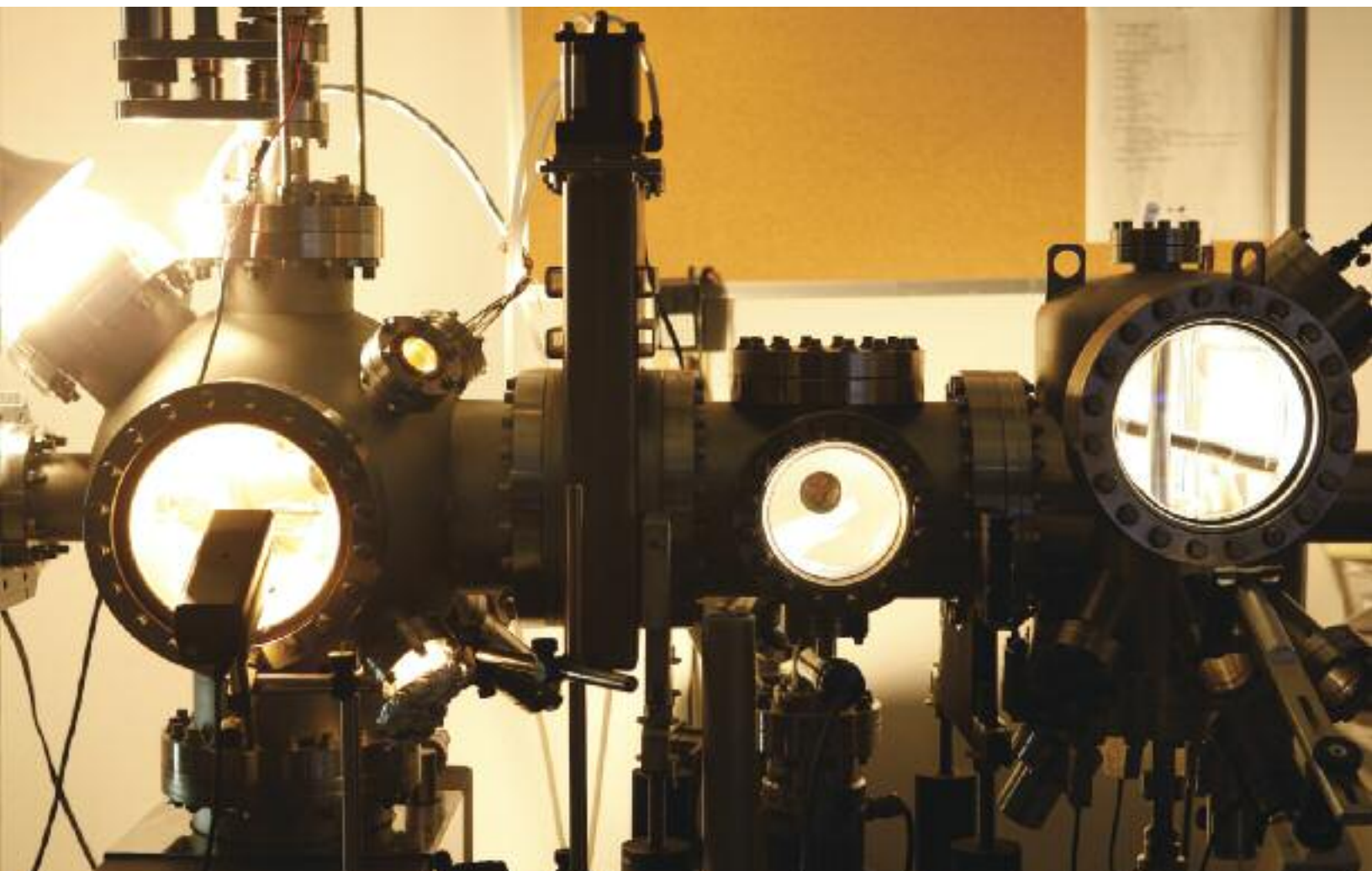
Blando, J.D. and T. Clancy. *Simple Solutions to Protect Yourself, Family and Business When Working with Lead Paint*. November 19, 2010. www.DoltYourself.com.

Blando, J.D. and D. Lefkowitz. *Renovation Remodeling House Lead Paint - Protect Your Business*. November 11, 2010. <http://www.youtube.com/watch?v=qrHknFMk92A>. Center, Little Rock, AK, September 2010.

Office of Research

Virginia Modeling, Analysis and Simulation Center

Ezell, Barry. *Full-scale Exercise and Emergency Response*. Capitol Hill Modeling and Simulation Expo, Rayburn Building, Washington, DC, June 23, 2011.



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