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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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

Federal 39%
State 4%
Nonprofit 2%
Industries 2%
Other 0%
Institutional 53%
FY11 Total R&D By Fields

Federal R&D (in $M)
FY11 Federal R&D By Fields

- Engineering & Technology: 38%
- Health: 6%
- Arts & Letters: 1%
- Education: 12%
- Sciences: 43%

FY11 Federal R&D By Agencies

- DOD: 23%
- NASA: 13%
- DOE: 7%
- NIH: 10%
- NSF: 19%
- DoEd: 14%
- EPA: 2%
- Other: 6%
- NOAA: 2%
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 Razzak
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  
Richard 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.


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.


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.


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**  

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


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.


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.


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


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.


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

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


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.


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

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


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

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


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

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


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


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.


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


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


Office of Research

Virginia Modeling, Analysis and Simulation Center


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.

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
New Research Awards


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, “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.


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.


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.


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 Sote Syndrome Produced by Real or Apparent Motion.” Virginia Space Grant Consortium, 8/31/10-8/31/12, $10,000.

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Title</th>
<th>Funding Source</th>
<th>Start Date</th>
<th>End Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burnett, Dana D.</td>
<td>Educational Foundations and Leadership</td>
<td>“Supplement for Hampton Public Schools Gear Up Program.” Hampton Public Schools, 7/15/10-7/14/11</td>
<td>$30,000.</td>
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<tr>
<td>Butler, Mark J.</td>
<td>Biological Sciences</td>
<td>“Assessment of PAV1 Virus Prevalence in Bahamian Lobster Fishery.” World Wildlife Fund, 8/15/10-3/1/11</td>
<td>$13,860</td>
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<tr>
<td>Carpenter, Kent E.</td>
<td>Biological Sciences</td>
<td>“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</td>
<td>$45,000</td>
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<tr>
<td>Carpenter, Kent E.</td>
<td>Biological Sciences</td>
<td>“Extinction Risk Assessment of Habitat-Forming Bivalves.” Old Dominion University, 3/1/11-2/29/12</td>
<td>$40,000</td>
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<tr>
<td>Carpenter, Kent E.</td>
<td>Biological Sciences</td>
<td>“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</td>
<td>$26,888</td>
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<tr>
<td>Cetin, Mecit</td>
<td>Civil &amp; Environmental Engineering</td>
<td>“Tunnel Vision.” Tunnel Vision, LLC, 4/20/11-6/30/11</td>
<td>$50,000</td>
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<tr>
<td>Chaganty, N. Rao</td>
<td>Mathematics &amp; Statistics</td>
<td>“VDEQ: Supplement Data Analysis Support.” Virginia Department of Environmental Quality, 7/1/11-7/15/12</td>
<td>$21,546</td>
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<tr>
<td>Chaganty, N. Rao</td>
<td>Mathematics &amp; Statistics</td>
<td>“Virginia DEQ: Data Analysis.” Virginia Department of Environmental Quality, 7/1/10-9/15/11</td>
<td>$9,900</td>
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<tr>
<td>Chaturvedi, Sushil</td>
<td>Mechanical Engineering</td>
<td>“Engineering Laboratory Instruction in Immersive Virtual Environment (ENLIVEN).” National Science Foundation, 1/1/11-12/31/11</td>
<td>$198,532</td>
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<tr>
<td>Chrisochoides, Nikos</td>
<td>Computer Science</td>
<td>“A Novel Algorithmic Approach for Real-Time Image-to-Mesh Conversion of Brain MRI.” National Science Foundation, 2/1/11-8/31/12</td>
<td>$481,137</td>
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<tr>
<td>Chrisochoides, Nikos</td>
<td>Computer Science</td>
<td>“Run-Time System for Parallel Mesh Generation on Petascale Computers.” National Science Foundation, 4/7/11-8/31/12</td>
<td>$95,746</td>
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<tr>
<td>Chrisochoides, Nikos</td>
<td>Computer Science</td>
<td>“Software Systems Support for High Performance Computing in Computational Materials.” College of William and Mary, 5/16/11-5/15/12</td>
<td>$26,000</td>
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<tr>
<td>Chrisochoides, Nikos</td>
<td>Computer Science</td>
<td>“A Multi-Layered Finite Element Application and Runtime System for Scalable High-end Computer Architecture.” National Science Foundation, 4/7/11-8/31/11</td>
<td>$16,000</td>
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<tr>
<td>Chrisochoides, Nikos</td>
<td>Computer Science</td>
<td>“Software Environment for Real-Time Non-Rigid Registration Using Commodity and Grid Computing.” National Science Foundation, 5/31/11-12/31/11</td>
<td>$114,128</td>
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<tr>
<td>Ciguralov, Konstantin</td>
<td>Psychology</td>
<td>“Enhancing Safety through Leadership.” Colorado State University, 9/1/10-8/31/11</td>
<td>$25,607</td>
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<tr>
<td>Cooper, John B.</td>
<td>Chemistry &amp; Biochemistry</td>
<td>“Algorithms for Validation of Latent Variable Estimation Using Synthesized Chemical Signatures.” Bruker Optics, Inc. 8/16/10-5/5/11</td>
<td>$12,000</td>
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<td>Crum, Karen</td>
<td>Educational Foundations and Leadership</td>
<td>“Supplement to U.S. DOE Communication Hub Grant.” U.S. Department of Education, 10/1/10-9/30/11</td>
<td>$125,000</td>
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<td>Dauer, Daniel M.</td>
<td>Biological Science</td>
<td>“VDEQ: Chesapeake Bay Program - Data Management &amp; Analysis Component.” Virginia Department of Environmental Quality, 7/1/11-7/15/12</td>
<td>$103,915</td>
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<td>Dauer, Daniel M.</td>
<td>Biological Sciences</td>
<td>“Chesapeake Bay Program: Data Analyses and Special Data Interpretation Projects.” Virginia Department of Environmental Quality, 1/1/11-12/31/11</td>
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<td>Dauer, Daniel M.</td>
<td>Biological Sciences</td>
<td>“Chesapeake Bay Project: Benthic Monitoring Component Data Collection.” Virginia Department of Environmental Quality, 7/1/10-6/30/11</td>
<td>$251,019</td>
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<td>Dauer, Daniel M.</td>
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<td>“Chesapeake Bay Project: Data Analysis and Management.” Virginia Department of Environmental Quality 7/1/10-12/31/10</td>
<td>$77,370</td>
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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.


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.


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


Donat, John R. Chemistry & Biochemistry, “VDEQ: Water Quality Monitoring Component Virginia Department of Environmental Quality, 7/1/11-7/15/12, $564,046.


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


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, “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.


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, 10/1/10-12/31/11, $13,000.


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.


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.


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.


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.


Hyde, Charles E. Physics, “From Quarks to Nuclei: Grant Renewal De-Fg02-96ER40960.” U.S. Department of Energy, 3/15/11-6/9/14, $760,000.


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-LO2170391: Collaborative Research: Atmosphere-Ocean Coupling Causing Ice Shelf Melt in Antarctica (ACCIMA).” National Science Foundation, 2/15/11-1/31/14, $149,723.


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


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.


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.


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.


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.


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


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


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


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.


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.


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


Tonelson, Stephen W. Communication Disorders and Special Education, “Commonwealth Special Education Endorsement Programs Continuation.” Old Dominion University, 7/1/10-5/31/11, $150,000.


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.


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.


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.


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.


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.”


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.”


**Summer Experience Enhancing Collaborative Research (SEECCR)**

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.”


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.

Chrischohoides, 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 Bioelectrics; 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; Clarettia 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; Khaleed 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


Journal Editors

College of Arts and Letters


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


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


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


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 Popular Film and Television*, Co-Executive Editor.


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


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


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


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

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


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


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


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


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


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


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


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


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.


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.


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


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.


Ziegenfuss, Douglas. *Internal Auditing*, Editorial Board.


**Darden College of Education**

Adcock, Amy. *Journal of Interactive Online Learning*, Editorial Board.


Bol, Linda. *Journal of Educational Psychology*, Editorial Board.

Bol, Linda. *Journal for Effective Schools*, Editorial Board.

Brown, Nina W. *Journal of Counseling and Development*, Editorial Board.

Colberg-Ochs, Sheri. *Insulin*, Editorial Board.


Crum, Karen S. *Educational Planning*, Editorial Board.


DeBruin-Parecki, Andrea. *The Reading Teacher*, Editorial Board.

Dickerson, Daniel. *Journal of Geoscience Education*, Associate Editor.

Dickinson, Gail K. *Library Media Connection*, Editor.
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<tr>
<th>Name</th>
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<td>Duggan, Molly</td>
<td>Community College Enterprise</td>
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<td>Community College Journal of Research and Practice</td>
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<td>Journal of Human Services</td>
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<td>Fleener, Charlene E.</td>
<td>Literacy Research and Instruction</td>
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<td>Gable, Robert A.</td>
<td>Journal of Behavioral Education</td>
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<td>Teacher Education and Special Education</td>
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<td>Virginia Counseling Association Journal</td>
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<td>Hays, Danica G.</td>
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<td>Horton-Parker, Radha J.</td>
<td>ADULTSPAN Journal</td>
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<td>Judge, Sharon</td>
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<td>Katsioloudis, Petros J.</td>
<td>National Association of Industrial Technology Journal</td>
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<td>The Technology Teacher</td>
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<td>Lee, Lea.</td>
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<td>Lucking, Bob.</td>
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<td>Manning, Lee.</td>
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<td>McAuliffe, Garrett J.</td>
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<td>Milliken, Tammi.</td>
<td>Human Services Education</td>
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<td>McKinney, Sueanne E.</td>
<td>Teaching Children Mathematics</td>
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<td>Morrison, Gary R.</td>
<td>Computers and Human Behavior</td>
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<td>Quarterly Review of Distance Education</td>
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<td>Nunnery, John A.</td>
<td>Journal of Education of Students Placed At-Risk</td>
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<td>Neukrug, Edward.</td>
<td>Human Services Education</td>
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<td>Overbaugh, Richard C.</td>
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<td>Owings, William A.</td>
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<td>Schwitzer, Alan M.</td>
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<td>Social Studies Research and Practice Journal</td>
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Suh, Younghee. History Education Journal, Editorial Board.

Swain, David. ACSM’s Health and Fitness Journal, Editorial Board.

Swain, David. Medicine and Science in Sports and Exercise, Associate Editor.


Frank Batten College of Engineering and Technology

Basco, David. Coastal Engineering, Associate Editor.


Considine, Carol. International Journal of Construction Education and Research, Editorial Board.

Gheorghe, Adrian. International Journal Sustainable Development, Editor.

Gheorghe, Adrian. International Journal Critical Infrastructures, Editor.


Gheorghe, Adrian. Security, Complex Systems and Governance, Editor.

Gheorghe, Adrian. International Journal System of Environmental Pollution, Editorial Board.


Gheorghe, Adrian. International Journal Risk Assessment and Management, Editorial Board.

Hsiung, Steve. Journal of Industrial Technology, Associate Editor.

Iftekharuddin, Khan. Optical Engineering, Editorial Board.

Iftekharuddin, Khan. International Journal of Image Processing, Associate Editor-in-Chief.

Iftekharuddin, Khan. The Open Cybernetics and Systemics Journal, Editorial Board.


Karim, Mohammad A. See Office of Research.


Keating, Charles. IEEE Systems Journal, Associate Editor.


Khattak, Asad. International Journal of Sustainable Development, Associate Editor.

Khattak, Asad. Intelligent Transportation Systems, Editor-in-Chief.


Khattak, Asad. Planning and Operations, Editor.

Kniseley, Stephen. Cardiovascular Engineering and Technology, Editorial Board.

Landaeta, Rafael. Engineering Management Journal, Associate Editor.

Landaeta, Rafael. International Journal of Knowledge-Based Organizations, Associate Editor.

Laroussi, Mounir. International Journal of Plasma Medicine, Editorial Board.

Noor, Ahmed K. Advances in Engineering Software, Editor-in-Chief.

Noor, Ahmed K. Applied Mechanics Reviews, Associate Editor.

Noor, Ahmed K. Journal of Applied Mechanics, Associate Editor.


Noor, Ahmed K. Communications in Applied Numerical Methods, Editorial Board.


Noor, Ahmed K. Engineering Computations, Editorial Board.

Noor, Ahmed K. Engineering with Computers, Editorial Board.


Noor, Ahmed K. Structural Engineering and Mechanics, Editorial Board.

Schoenbach, Karl H. See Office of Research.

Song, Min. International Journal of Computer Networks, Editor-in-Chief.

Song, Min. International Journal of Ad Hoc and Ubiquitous Computing, Editorial Board.

Song, Min. International Journal on Advances in Networks and Service, Editorial Board.

Song, Min. Journal of Computing and Information Technology, Editorial Board.

Song, Min. Journal of Communications, Editorial Board.

Song, Min. Journal of Networks, Editorial Board.

Tolk, Andreas. International Journal for Command and Control, Associate Editor.

Tolk, Andreas. International Journal for Intelligent Decision Technologies, Editorial Board.


Tolk, Andreas. SIMULATION - Transactions of the Society for Modeling and Simulation International, Associate Editor.


College of Health Sciences

Adams-Tufts, K. Journal of the Association of Nurses in AIDS Care, Editorial Board.

Clements, Paul T. Journal of Forensic Nursing, Associate Editor.


Clements, Paul T. Journal of Psychosocial Nursing and Mental Health Services, Assistant Editor.

Clements, Paul T. Perspectives in Psychiatric Care: The Journal of Advanced Practice Psychiatric Nurses, Editorial Board.

Darby, Michele. Dimensions of Dental Hygiene, Editorial Board.

Darby, Michele. International Journal of Dental Hygiene, Associate Editor.

Darby, Michele. Journal of Dental Hygiene, Editorial Board.

Heller, Richard. See Office of Research.

Jeng, Anna. Open Environmental Engineering Journal, Editorial Board.

Karlowicz, Karen. Urologic Nursing, Editorial Board.

McCombs, Gayle. Dimensions of Dental Hygiene, Editorial Board.


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**College of Sciences**

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Butler, Mark. *Marine Ecology Progress Series*, Staff Editor.


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Cutter, Gregory. *Limnology and Oceanography Methods*, Associate Editor.

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Havey, Mark. *Journal of Atomic, Molecular, and Optical Physics*, Editorial Board.


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Isenhour, Thomas L. Field Analytical Chemistry and Technology, Editorial Board.

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Scherbo, Mark W. Simulation in Healthcare, Associate Editor.


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Waller, Deborah A. Journal of Insect Behavior, Editorial Board.
Whelan, C.T. Journal of Atomic, Molecular, and Optical Physics, Editorial Board.

Whittecar, G. Richard. Geomorphology, Associate Editor.


Office of Research


Ezell, Barry. Military Operations Research, Associate Editor.


Heller, Richard. Technology in Cancer Research and Treatment, Editorial Board.

Karim, Mohammad A. IEEE Transactions on Education, Associate Editor.

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Pakhomov, Andrei. Bioelectromagnetics, Associate Editor.

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College of Arts and Letters


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College of Health Sciences


College of Business and Public Administration


Frank Batten College of Engineering and Technology

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Office of Research


Books

**Center for Learning and Teaching**


**College of Arts and Letters**


**College of Business and Public Administration**


**Darden College of Education**


**College of Health Sciences**


**College of Sciences**


**Office of Research**

Book Chapters

**College of Arts and Letters**

**Communication and Theatre Arts**


**Foreign Languages & Literatures**


**History**


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Philosophy & Religious Studies


Political Science & Geography


Sociology & Criminal Justice


**Women's Studies Research**


**College of Business and Public Administration**

**Information Technology & Decision Sciences**


**Urban Studies**


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**Communication Disorders and Special Education**


Counseling and Human Services


Frank Batten College of Engineering and Technology

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Engineering Management & Systems Engineering


Tolk, Andreas. See Stacie Ringleb, Mechanical and Aerospace Engineering, College of Engineering.


Engineering Technology


Mechanical Engineering


Modeling, Simulation and Visualization Engineering

Frederic McKenzie. See Jiang Li, Electrical and Computer Engineering, College of Engineering.

College of Health Sciences

School of Community and Environmental Health


School of Dental Hygiene


School of Medical Laboratory and Radiation Sciences


School of Nursing

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Biological Sciences


Computer Science


Mathematics & Statistics


Ocean, Earth & Atmospheric Sciences


Physics


Psychology


Office of Research


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Diallo, Saikou Y. See Andreas Tolk, Engineering Management and Systems Engineering, College of Engineering.


Padilla, Jose. See Andreas Tolk, Engineering Management and Systems Engineering, College of Engineering.


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**Center for Learning Technologies**


**College of Arts and Letters**


**English**


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Philosophy and Religious Studies


Political Science & Geography


Sociology & Criminal Justice


Women’s Studies


College of Business and Public Administration

Accounting


Economics


**Finance, Insurance and Real Estate**


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**Information Technology & Decision Sciences**


He, Wu. “Integrating both Wikis and XML with Case Bases to Facilitate Case Base Development and


Management

Champagne, Paul. See Myron Glassman, Marketing.


Marketing
Altonen, Patricia. See Edward Markowski, Information Technology and Decision Sciences.

Arndt, A.D., See Michael J. Seiler, Finance, Insurance and Real Estate.


Karande, Kiran. See Anil Nair, Management.


Kirchner, Terri. See Edward Markowski, Information Technology and Decision Sciences.

Singhapakdi, Anusorn. See Anil Nair, Management.


Urban Studies & Public Administration


Counseling and Human Services


**Educational Foundations & Leadership**


**Human Movement Sciences**


STEM Education and Professional Studies


Teaching and Learning


Frank Batten College of Engineering and Technology

Civil & Environmental Engineering


**Electrical & Computer Engineering**


**Baumgart, Helmut.** See O. Baysal, Mechanical and Aerospace Engineering.


Elsayed-Ali, H. See X. Xu, Chemistry and Biochemistry, College of Sciences.


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**Engineering Management & Systems Engineering**


**Engineering Technology**


Mechanical and Aerospace Engineering


Baysal, O. See S. Qian, Electrical and Computer Engineering.


Beskok, A. See S.J. Beebe, Frank Reidy Center for Bioelectrics, Office of Research.

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Lee, K. See Gon Namkoong, Electrical and Computer Engineering.


Ringleb, S.I. See D.P. Swain and B. Van Lunen, Human Movement Sciences, Darden College of Education.


**Modeling, Simulation and Visualization Engineering**


**College of Health Sciences**

**School of Community and Environmental Health**


School of Dental Hygiene


McCombs, Gayle M. See Karen Kott, Physical Therapy.


School of Medical Laboratory and Radiation Sciences

Heller, R. See Frank Reidy Research Center for Bioelectrics, Office of Research.

Heller, L. See Frank Reidy Research Center for Bioelectrics, Office of Research.


School of Nursing


School of Physical Therapy


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College of Sciences
Biological Sciences


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Osgood, C.W. See M.W. Stacey, Frank Reidy Research Center for Bioelectrics, Office of Research.


**Chemistry & Biochemistry**


Ramjee, B. See Sacharia Albin, Electrical and Computer Engineering, Batten College of Engineering and Technology.


**Computer Science**


**Mathematics & Statistics**


Diawara, D. See H.A. Jeng and Qi Zhang, Community and Environmental Health, College of Health Sciences.


Naik, D.N. See D.P. Swain, Human Movement Sciences, College of Education.

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Office of Research


Frank Reidy Research Center for Bioelecetrics


Beebe, S. See R.P. Joshi, Electrical and Computer Engineering, Batten College of Engineering and Technology.


Stacey, Michael W. See Shizi Qian, Mechanical and Aerospace Engineering, Batten College of Engineering and Technology.


**Virginia Modeling, Analysis and Simulation Center**


Conference Publications

**Center for Learning Technologies**


**College of Arts and Letters**

**Art**


**Communication & Theatre Arts**


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English


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**History**


**Philosophy**


Sociology


College of Business and Public Administration

Accounting


Economics

**Finance, Insurance or Real Estate**


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Darden College of Education

Communication Disorders and Special Education

Human Movement Sciences


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STEM Education and Professional Studies
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Civil & Environmental Engineering


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Electrical & Computer Engineering


Baumgart, H. See O. Baysal, Mechanical and Aerospace Engineering, College of Engineering.

Bawab, S. See Frederic McKenzie, Modeling, Simulation and Visualization Engineering, College of Engineering.


Kolb, J. See Stephen Knisely, Mechanical and Aerospace Engineering, Batten College of Engineering and Technology.

Li, Jiang. See Sheri Colberg, Human Movement Sciences, College of Education.

Schoenbach, K. See Frederic McKenzie, Modeling, Simulation and Visualization Engineering, College of Engineering.


Engineering Management & Systems Engineering


Pinto, Ariel. See Michael McShane, Finance, College of Business and Public Administration.


Tolk, A. See Michael McShane, Finance, College of Business and Public Administration; Charles D. Turnitsa, Saikou Y. Diallo, and Andrew Collins, VMAST, Office of Research; Stacie Ringleb, Mechanical and Aerospace Engineering, College of Engineering.


Unal, R. See S. Bondi, Civil and Environmental Engineering, College of Engineering.

**Engineering Technology**


Hsiung, Steve. See Han Bao and Gene Hou, Mechanical and Aerospace Engineering, College of Engineering.


Mechanical and Aerospace Engineering


Bawab, S. See F.D. McKenzie, Modeling, Simulation and Visualization Engineering, College of Engineering.


Baysal, O. See H. Baumgart, Electrical and Computer Engineering, College of Engineering.


Beskok. A. See H. Baumgart, Electrical and Computer Engineering, College of Engineering.


Lee, K. See H. Baumgart, Electrical and Computer Engineering, Batten College of Engineering and Technology.


Qian, S. See Helmut Baumgart, Electrical and Computer Engineering, Batten College of Engineering and Technology.

Modeling, Simulation and Visualization Engineering


Frederic McKenzie. See Stephen B. Knisley, Mechanical and Aerospace Engineering, Batten College of Engineering and Technology.

Frederic McKenzie. See S.R. Colberg-Ochs, Human Movement Sciences, College of Education.


Shen, Y. See D.T. Nguyen, Civil and Environmental Engineering, Batten College of Engineering and Technology.

College of Health Sciences

School of Community and Environmental Health


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Zhang, H. See J.S. Goodman, School of Physical Therapy, College of Health Sciences.

**School of Nursing**

Garzon, L.S. See E.F. Giles, School of Physical Therapy, College of Health Sciences.


Plichta, S.B. See E.F. Giles, School of Physical Therapy, College of Health Sciences.


**School of Physical Therapy**


**College of Sciences**

**Biological Sciences**

**Chemistry & Biochemistry**


**Computer Science**


Mathematics & Statistics


Ocean, Earth & Atmospheric Sciences


Mathews, T.M. See M.J. Butler IV, Biological Sciences, College of Sciences.

Zimmerman, R.C. See C.I. Sukenik, Physics, College of Sciences.

Physics


Psychology


M.W. Scherbo. See S.R. Colberg-Ochs, Human Movement Sciences, College of Education.

**Office of Research**


**Frank Reidy Research Center for Bioelectrics**


**Virginia Modeling, Analysis and Simulation Center**

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Diallo, Saikou Y. See Andreas Tolk, Engineering Management and Systems Engineering, Batten College of Engineering and Technology.


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English


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**History**


**Philosophy and Religious Studies**


Political Science

Sociology and Criminal Justice

College of Business and Public Administration
Economics

Management


Patricia W. and J. Douglas Perry Library


STEM Education and Professional Studies


College of Sciences
Ocean, Earth and Atmospheric

Darden College of Education
Communication Disorders and Special Education
Keynote/Plenary Speakers

Center for Learning and Teaching

College of Arts & Letters
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Frank Batten College of Engineering and Technology


College of Health Sciences


**College of Sciences**

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**Office of Research**

Frank Reidy Research Center for Bioelectrics


**Virginia Modeling, Analysis and Simulation Center**


Creative Research/Exhibitions

College of Arts and Letters

Art


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**Communication and Theatre Arts**


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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.


Kinzer, Amanda and Megan Thompson. *Concurrency*. 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.


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


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**English**


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**College of Health Sciences**

**School of Community and Environmental Health**


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