2004

Salute to Faculty Scholarship 2004

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Ninth Annual

Salute to

Faculty Scholarship

2004
Noon - 2 pm
Lurie Conference Room
Higgins University Center
SALUTE TO FACULTY SCHOLARSHIP

Books and Creative Works
(alphabetical by Clark author, editor or artist)

2003 – Present


Dilorio, Gino. Four plays performed in 2003-04:

The Wife of Michael Cleary is a short play that was given a reading by the Abingdon Theatre, New York City;

The Hard Way was part of the New Jersey Repertory Company’s short play festival, "My Rifle, My Pony and Me," which examined the American cowboy as icon;

The First Run is a short play that was given a reading at Naked Angel's "Tuesdays at Nine" Series, New York City;

The Nine Days of Bridget Cleary, directed by Raymond Munro, was performed at the Dramatists Guild in New York City.


Malsky, Matthew. 2003. *Valley of Dying Stars*. Premiered on the Clark campus in the Fall, performed by the Worcester String Quartet; received a second reading from the Lydian String Quartet at Brandeis University.

McGinn, John. 2003. *Fire and Straw: The Music of John McGinn*. Premiered at Clark University: *Fire and Straw* with soprano Maria Ferrante; *Whackitude* with percussionists Pieter Struck and Dan Hann; *Scratch Etude II – backwards and in high heels* with violinist Mark Berger and Violist Peter Sulski.


To acknowledge and honor other important faculty accomplishments, portfolios celebrating scholarship and creative activity are presented by the following departments:

- Carlson School of Chemistry and Biochemistry
- Department of English
- Department of Foreign Languages and Literatures
- Graduate School of Geography
- International Development, Community and Environment Department
- Graduate School of Management
- Department of Philosophy
- Department of Physics
- Department of Psychology
- Department of Visual and Performing Arts
New Grant Awards
(including renewals and supplemental funding)

February 15, 2003 – April 1, 2004

Charles Agosta, A Non-Conductive Pressure Cell for Pulsed Magnetic Field Experiments in Anisotropic Superconductors, National Science Foundation

Trina Hamilton, advisors David Angel and Jacque Emel, Doctoral Dissertation Research, National Science Foundation

Yuko Aoyama and Samuel Ratick, Organizational Dynamics of the U.S. Logistics Industry: The Impacts of Inter-Firm Networks, Technologies, and Globalization, National Science Foundation


Rafael Brüschweiler, Direct NMR Methods for Protein Structures and Assignment, National Institutes of Health

Esteban Cardemil, Prevention of Depression in Latino Parents, National Institutes of Health

Thomas Del Prete, Hiatt Center K-17 Curriculum and Knowing Project, Board of Higher Education, Commonwealth of Massachusetts

Thomas Del Prete, Worcester African-Americans to Assist Underachieving Students and Increase Family Involvement, Greater Worcester Community Foundation

Thomas Del Prete, Clark-Worcester Community Teacher Recruitment and Induction Initiative, U.S. Department of Education


Kurt Fischer, *The Greening of Industry Network’s Effort of Information and Dissemination and Awareness-building Aimed at Improving Environmental Performance*, U.S. Environmental Protection Agency

William Fisher, *Developing a New M.A. Degree Program in Participatory Environmental Management and Development at the Senegalese University*, U.S. Department of State


Frederic Green, *Complexity Bounds for Quantum Computation*, U.S. Army Research Office, Boston University

Stanley Herwitz, *Coffee Harvest Optimization Using UAV Platforms for the Acquisition of High Spatial Resolution Real-Time Multi-Spectral Imagery*, National Aeronautics and Space Administration


Susannah McCandless and Alex Pulsipher, advisor Susan Hanson, *Graduate Research Fellowships*, National Science Foundation

David Hibbett, *Phylogenetic Relationships of Cyphelloid and Aquatic Homobasidiomycetes*, National Science Foundation
David Hibbett, *Collaborative Research: Assembling the Fungal Tree of Life*, National Science Foundation

David Hibbett, Harvey Gould, Li Han, Rafael Brüschweiler, and Shuanghong Huo, *Acquisition of a High Performance Parallel Computing Cluster for the Departments of Biology, Chemistry, Physics, and Math and Computer Science*, National Science Foundation

Shuanghong Huo, *Exploring HIV-1 Tat Function by Single-Molecule Imaging and Molecular Dynamics Simulation*, Human Frontier Science Program

Shuanghong Huo, *Mapping the Early Steps of Amyloid Formation with Computational Approaches*, American Chemical Society


Arshad Kudrolli, *Particle Diffusion and Mixing During Silo Drainage*, National Science Foundation

Christopher Landee and Mark Turnbull, *Acquisition of a SQUID Magnetometer*, National Science Foundation

Denis Larochelle, *Characterization of a Novel Regulatory Protein Required for Cytokinesis*, National Science Foundation

Laurence Marsh, *Small Business Development Center*, University of Massachusetts, Amherst SBDC

Ina Khazan, advisors James McHale and Jaan Valsiner, *The Role of Expectations in Preventing Postpartum Depression*, National Institutes of Health

Donald Nelson, *The MD Study of Anthrax Edema Factor: Calmodulin Complexes*, National Institutes of Health
Aaron Pollack, advisor Dianne Rocheleau, Fulbright-Hays Doctoral Dissertation Research Abroad award, U.S. Department of Education

Robert Pontius, Summer Human Environment Research Observatories (HERO) Project, National Science Foundation through Pennsylvania State University

Elaine Reese, Enhancing Low-income Children’s Emergent Literacy, National Institutes of Health

Deborah Robertson, Nitrogen Assimilation in Marine Algae: Evolution, Physiology, and Educational Opportunities, National Science Foundation

Lee Rudolph, Jaan Valsiner, James Laird, Nancy Budwig, Nicholas Thompson, Mathematical Psychology: Geometry, Mapping, and Dynamics in Emotion Space, National Science Foundation


Billie Lee Turner, J. Ronald Eastman and Jacqueline Geoghegan, Land-cover and Land-use Change in the Southern Yucatán Peninsular Region, National Aeronautics and Space Administration

Billie Lee Turner, Human Environment Regional Observatory Project, National Science Foundation through Pennsylvania State University

Honors and Awards

2003 - Present

Elli Crocker was chosen as one of a select group of artists from different regions of the country (this edition represents the Northeastern Competition, which includes the six New England States and New York) through a highly competitive juried process, to be included in the journal *New American Paintings*, Issue #50.

Gino DiIorio was awarded the 2003 Berrilla Kerr Award for Playwriting for his plays *Sleeping Dogs* and *Winterizing the Summer House*.

Stephen DiRado received a grant from the Massachusetts Cultural Council in honor of his “Dinner Table” series photographs.

Karen Erickson received the Outstanding Alumni Award from Siena Heights University in Adrian, Michigan.

William Ferguson was chosen as Outstanding Academic Advisor for the 2002-03 academic year.

SunHee Kim Gertz was awarded the 2003 University Senior Faculty Fellowship, presented to an outstanding senior faculty member who personifies the Clark ideal of excellence in teaching and excellence in research, scholarship, or creative work.

Jennifer Hilton received the Frances A. Kinnicutt Award for Foreign Travel/Study, administered by the Worcester Art Museum and awarded to women artists who are affiliated with the Worcester Art Museum or are from Worcester County. She will use the award to study/photograph the stone monoliths in the Outer Hebrides of Scotland during summer, 2004.
Roger Kasperson was elected to the National Academy of Science for his outstanding achievements in risk, hazards, and vulnerability research.

Matthew Malsky’s composition for solo cello with live computer processing, *To Have Done With*, was selected as semifinalist with an Award of Quality in the 2003 Hultgren Solo Cello Works Biennial.

Richard Peet received an Erskine Fellowship for study at the University of Canterbury, New Zealand during summer, 2004.

Colin Polsky was elected to the Faculty Board of the Association of American Geographers Specialty Group, “Human Dimensions of Global Change” for a two-year term.

Robert Pontius, Heather Roberts and Deborah Robertson were awarded the Edward Hodgkins Junior Faculty Fellowships for personifying the Clark ideal of excellence in research and in teaching.

Robert Pontius was awarded the 2003 Oliver and Dorothy Hayden Junior Faculty Fellowship, presented to an outstanding junior faculty member who personifies the Clark ideal of excellence in teaching and excellence in research, scholarship, or creative work.

Heather Roberts was selected as Teacher of the Year by the graduating class of 2003.

Dianne Rocheleau was awarded a Fulbright Senior Specialist Award to support her summer guest lecture series on Political Ecology during July, 2003 at the Rurla Center for Social Science and Sustainable Development at the University of Chiang Mai, Chiang Mai, Thailand.

John Rogan received the University Consortium for Geographic Information Science (UCGIS) Environmental Systems Research Institute (ESRI) Young Scholars Award, 2004.
John Rogan received the LEICA Geosystems Award for Best Scientific Paper in Remote Sensing (Association of Photogrammetry and Remote Sensing), 2004.

Paul Ropp received a research fellowship to spend the spring semester of 2005 in residence at Johns Hopkins University’s Hopkins-Nanjing Center in China, to work on a research project, “The Art of Dissent in Imperial China: Speaking Truth to Power.”