

2004

Salute to Faculty Scholarship 2004

Clark University

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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

Bailey, Gauvin. 2003. *Between Renaissance and Baroque: Jesuit Art in Rome, 1565-1610*. Toronto: University of Toronto Press.

Bhachu, Parminder. 2004. *Dangerous Designs: Asian Women Fashion the Diaspora Economies*. New York and London: Routledge.

Chapman, David and Barry Sheehy. 2002. *Smart Business: Making Sure Investments in Information Technology Hit the Mark Every Time!* Provo, UT: Executive Excellence Publishing.

Derr, Patrick G. and Edward M. McNamara. 2003. *Case Studies in Environmental Ethics*. Maryland: Rowman and Littlefield.

DiIorio, 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.

Eastman, J.R. 2003. *IDRISI The Kilimanjaro Edition*. Worcester: Clark Labs.

Ferguson, William. 2003-present. Five book reviews published by the *New York Times Book Review*.

Fisher, William and Thomas Ponna, eds. 2003. *Un Autre Monde Est Possible – Pour Une Autre Mondialisation: Le Forum Social Mondial* (Another World is Possible: Popular Alternatives to Globalization at the World Forum). Paris: L'Aventurine.

Japanese edition. 2003. The English Agency (Japan) Ltd. with Zed Books.

Ford, Richard with Hussein M. Adam and Edna Adan Ismail, eds. 2004. *War Destroys, Peace Nurtures: Somali Reconciliation and Development*. Somali Studies International Association. Lawrenceville, New Jersey: The Red Sea Press.

Klooster, Wim and Alfred Padula, eds. 2004. *The Atlantic World: Essays on Slavery, Migration and Imagination*. New Jersey: Prentice Hall.

Little, Douglas. 2004 with a new epilogue by the author. *American Orientalism: The United States and the Middle East since 1945*. Chapel Hill: The University of North Carolina Press.

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.

Overvold, Gary, ed. 2002-03. *Idealistic Studies: An Inter-disciplinary Journal of Philosophy*, Vols. 32:1, 2 and 3; 33:1, 2-3. Charlottesville, VA: Philosophy Documentation Center.

Peet, Richard. 2003. *Unholy Trinity: The IMF, World Bank and WTO*. London and New York: Zed Books.

Peet, Richard and Michael Watts, eds. 2004. *Liberation Ecologies: Environment, Development, Social Movements*. Second Edition. London and New York: Routledge.

Thomas-Slayter, Barbara. 2003. *Southern Exposure: International Development and the Global South in the Twenty-First Century*. Bloomfield, CT: Kumarian Press.

Hanson, Susan, B.L. Turner II, Roger Kasperson, Jeanne Kasperson, Robert Kates. 2003. Contributors to a special edition of the *Proceedings of the National Academy of Sciences of the United States of America*, Vol. 100, dedicated to **Jeanne X. Kasperson**, long-standing scholar of human-environment studies.

Tapply, William. 2003. *Shadow of Death: A Brady Coyne Novel*. New York: St. Martin's Minotaur.

Turner B.L. II, Jacqueline Geoghegan and D.R. Foster, eds. 2004. *Integrated Land-change Science and Tropical Deforestation in the Southern Yucatán: Final Frontiers*. Oxford, UK: Clarendon Press of Oxford University Press.

William Steffen, A. Sanderson, Peter Tyson, Jill Jäger, Pamela Matson, Berian Moore III, Frank Oldfield, K. Richardson, H-J. Schellnhuber, **B. L. Turner II**, Robert Wasson. 2004. *Global Change and the Earth System: A Planet under Pressure*. IGBP Global Change Series. Berlin/Heidelberg/New York: Springer-Verlag.

Walker, Sarah, curator. 2004. *Radial Gradient*, an exhibition of seven artists at the Gregory Lind Gallery, San Francisco, CA, April 1 – May 22.

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

Daeg Brenner, *Nuclear Structure Research*, U.S. Department of Energy

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

J. Ronald Eastman, *Land-use Modeling and Prediction for Biodiversity Conservation in the Andes*, Conservation International

J. Ronald Eastman, *Hyperspectral Imagery for Mapping Distribution*, U.S. Department of Agriculture

Carolyn Finney, advisor **Dianne Rocheleau**, *Pruitt National Fellow for Dissertation Research*, Society of Woman Geographers

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

Robert Goble and Dale Hattis, *Biologically-based Risk Modeling with a Focus on Cellular Repair Mechanisms for Radiation-induced Damage*, U.S. Department of Energy

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

Arshad Kudrolli, *Physics of Channelization: Theory, Experiment, and Observation*, U.S. Department of Energy

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

Alan Jones, *NMR Studies of Micro-structured and Nano-structured Polymeric Membrane Systems*, U.S. Army Research Office

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 Laroche, *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

Natalia Sternberg, *Mathematical Modeling in Plasma Science*, U.S. Air Force

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

Jacqueline Vadjunec, advisor **Billie Lee Turner**, *Fulbright-Hays Doctoral Dissertation Research Abroad award*, U.S. Department of Education

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."

