

EVENTS SELEBRATE FACULTY SCHOLARSHIP

Celebrating Faculty Research, Scholarship, and Creative Accomplishment
Monday, April 27th, 2009 (1:00– 2:30 p.m.)
Dion Center Boardroom

Sr. Therese Laroche, p.m., Ph.D., Vice President for Academic Affairs, and **Dr. Timothy Doherty**, Department Coordinator and Associate Professor of English and Communications planned, coordinated and hosted the event. **Dan Speidel**, Library Director, **Jennifer Ferguson**, Reference Librarian, and **Kate Russell**, Electronic Information Librarian collected materials, assembled the display and assisted in hosting the event. Jennifer compiled the 2009 Contributor List and distributed copies.

2009 Contributor List

Barbaro, Susan (contributing author)

“Polyfunctional Antibiotics Affecting Bacterial Membrane Dynamics”

contributed to: *Anti-Infective Agents in Medicinal Chemistry*

Journal—Vol. 8, No. 1, January 2009

Barbaro, Susan (contributing author)

“A Water Quality Monitoring Study of the Nissitissit River and Salmon Brook: Year One Data”

contributed to: *Rivier Academic Journal*

Online Journal—Vol. 4, No. 1, Spring 2008

Barbaro, Susan (contributing author)

“Isolation of a Bacteriophage from Sewage Sludge and Characterization of its Bacterial Host Cell”

contributed to: *Rivier Academic Journal*

Online Journal—Vol. 3, No. 1, Spring 2007

Caiazza, John

“Reflections on Contemporary Catholic Intellectuality”

contributed to: *Rivier Academic Journal*

Online Journal—Vol. 4, No. 1, Spring 2008

Caiazza, John

The War of the Jesus and Darwin Fishes: Religion and Science in the Postmodern World

Book—Transaction Publishers, 2007

Carr, Lloyd

“Deliberation versus Outcome: A Procedural Dilemma for Committees”

contributed to: *Rivier Academic Journal*

Online Journal—Vol. 5, No. 1, Spring 2009

Couture, Sr. Theresa, p.m.

“Alpha and Omega”

Digital Painting

Couture, Sr. Theresa, p.m.

“Leaves”

Digital Painting

Cunningham, Paul

“The Challenges, Prospects, and Promise of Transpersonal Psychology”

contributed to: *International Journal of Transpersonal Studies*

Journal—Vol. 26, 2007

Davis, Cliff

“Skeleton”

Alkyd on Panel, 2002-2008

Della Ferra, Michaeline

Women at the Table: 40 Intimate Profiles of Political Women of the Northeast

Book—L&L Dreamspell, 2008

Della Ferra, Michaeline

A Taste of Death

Book—Wings ePress, 2008

Della Ferra, Michaeline

Beneath the Villa Moon

Book – A Measure of Words Press, Inc., 2007

Faiia, Marjorie Marcoux (contributing author)

Substance Use and Abuse: Exploring Alcohol and Drug Issues

Book –Lynne Rienner Publishers, 2009

Gately, Susan

“Facilitating Reading Comprehension for Students on the Autism Spectrum”

contributed to: *Teaching Exceptional Children*

Journal—Vol. 40, No. 3, Jan/Feb 2008

Gately, Susan (contributing author)

“A Textual Deconstruction of Rudolph the Red-Nosed Reindeer: Utilitarian, Mechanistic, and Static Constructions of Disability in Society and in Schools”

contributed to: *Essays in Philosophy*

Online Journal—Vol. 9, No. 1, January 2008

Gately, Susan

“Teaching Students with Severe Disabilities to Read: The Need for Reconciling Constructivism”

contributed to: *Rivier Academic Journal*

Online Journal—Vol. 3, No. 1, Spring 2007

Greene, Richard

“With the Temne in the White Man’s Grave”

contributed to: *Rivier Academic Journal*

Online Journal—Vol. 3, No. 2, Fall 2007

Kaloudis, George

“The Influence of the Greek Diaspora on Greece and the United States”

contributed to: *International Journal on World Peace*

Journal—Vol. XXV, No. 3, September 2008

Lizotte, Paul

“William Carlos Williams: An American Master”

contributed to: *Rivier Academic Journal*

Online Journal—Vol. 4, No. 2, Fall 2008

McClure, Ronnie

“Umibilical Cord”

Archival Pigmented Ink with Prismacolor Pencils on Inkpress 300g Rag Paper, 2008

McClure, Ronnie

“Field”

Archival Pigmented Ink with Prismacolor Pencils on Epson Somerset Velvet 505g Rag Paper, 2009

Menke, Martin

“The German Center Party and the League of Nations: International Relations in a Moral Dimension”

contributed to: *Rivier Academic Journal*

Online Journal—Vol. 4, No. 2, Fall 2008

Nichols, Joann

“Pendulum Swing in Reading Instruction”

contributed to: *Rivier Academic Journal*

Online Journal—Vol 5, No. 1, Spring 2009

Petersen, Sheli

“Billy Listens to Talk about the Revolution at the Local Tavern”

Prisma Color Illustration on Paper, Fall 2008

Petersen, Sheli

“Billy the Patriot Mouse on the Estabrook Family Farm in the Colonial Town of Lexington, Massachusetts”
Prisma Color Illustration on Paper, Fall 2008

Rekart, Jerome (contributing author)

“Post-translational brain protein modification as substrate for memories that last a lifetime”
contributed to: *BTi*
Journal—October/November 2008

Rekart, Jerome (contributing author)

“Remodeling of hippocampal mossy fibers is selectively induced seven days after the acquisition of a spatial but not a cued reference memory task”
contributed to: *Learning & Memory*
Journal – Vol. 14, No. 6, 2007

Rekart, Jerome (contributing author)

“Presynaptic Structural Plasticity and Long-lasting Memory: Focus on the Learning-Induced Redistribution of Hippocampal Mossy Fibers” in *Neural Plasticity and Memory: From Genes to Brain Imaging*
Book Chapter – CRC Press, 2007, publisher

Rekart, Jerome (contributing author)

“Learning-induced axonal remodeling: Evolutionary divergence and conservation of two components of the mossy fiber system within *Rodentia*”
contributed to: *Neurobiology of Learning and Memory*
Journal – 87 (2007)

Riabov, Vladimir (contributing author)

“Simple Mail Transfer Protocol (SMTP)”
contributed to: *Handbook of Computer Networks*, Vol. 2, edited by H. Bidgoli
Book – John Wiley & Sons, Inc., 2007

Riabov, Vladimir (contributing author)

“Storage Area Network Fundamentals”
contributed to: *Handbook of Computer Networks*, Vol. 3, edited by H. Bidgoli
Book – John Wiley & Sons, Inc., 2007

Riabov, Vladimir

“Graph Theory Applications in Developing Software Test Strategies for Networking Systems”
Contributed to: *Rivier Academic Journal*
Online Journal—Vol. 3, No. 1, Spring 2007

Riabov, Vladimir (contributing author)

“Numerical Simulation of Interactions between Dissociating Gases and Catalytic Materials in Shock Tubes”
contributed to: Book of Abstracts of the 26th International Symposium on Shock Waves
Conference Proceedings – 15-20 July 2007, Göttingen, Germany

Riabov, Vladimir (contributing author)

“Rotational-Translational Relaxation Effects in Diatomic-Gas Flows”

contributed to: Book of Abstracts of the 26th International Symposium on Shock Waves
Conference Proceedings – 15-20 July 2007, Göttingen, Germany

Riabov, Vladimir (contributing author)

“Numerical Simulation of Shock Interference in Hypersonic Rarefied Flows about a Cylinder”

contributed to: *Proceedings of the Fourth M.I.T. Conference on Computational Fluid and Solid Mechanics*
Conference Proceedings – 13-15 June 2007, Massachusetts Institute of Technology, Cambridge, MA, USA

Riabov, Vladimir (contributing author)

“OPNET Projects in Online IT Classes”

contributed to: 10th Annual Curriculum Workshop of the National Center for Telecommunications Technologies
Conference Proceedings: 10-12 July 2007, Marlborough, MA

Riabov, Vladimir (contributing author)

“The Role of Online Academic Journals in Colleges”

contributed to: *Proceedings of the 4th International Conference on Technology, Knowledge and Society*
Conference Proceedings—18-20 January 2008, Boston, MA

Riabov, Vladimir (contributing author)

“Numerical and Experimental Studies of Shock Interference in Hypersonic Flows near a Cylinder”

contributed to: *Proceedings of the 26th International Congress of the Aeronautical Sciences Congress*
Conference Proceedings—14-19 September 2008, Anchorage, AK

Riabov, Vladimir (contributing author)

“Applying Software Quality Metrics in Object-Oriented Design and Testing of Networking Systems”

contributed to: NEQC 57th Conference of New England Quality Council
Conference Proceedings—14-15 October 2008, Marlborough, MA

Riabov, Vladimir (editor)

Rivier Academic Journal, Vol. 3, No. 1, Spring 2007, “Pedagogy & Research”
CD edition

Riabov, Vladimir (editor)

Rivier Academic Journal, Vol. 3, No. 2, Fall 2007, “Projects for Community”
CD edition

Riabov, Vladimir (editor)

Rivier Academic Journal, Vol. 4, No. 1, Spring 2008, “United We Stand”
CD edition

Riabov, Vladimir (editor)

Rivier Academic Journal, Vol. 4, No. 2, Fall 2008, “Celebrating 75 Years”
CD edition

Riabov, Vladimir (editor)

Rivier Academic Journal, Vol. 5, No. 1, Spring 2009, “In the Spring Spirit”
CD edition

Rolf, Carol

“Protecting the Protectors: Liability, Insurance, and Laws Pertaining to Volunteers Involved in Homeland Security and Emergency Management”

Contributed to: *Rivier Academic Journal*

Online Journal—Vol. 3, No. 1, Spring 2007

Schoenfeld, Naomi (contributing author)

“ENGAGE: A Blueprint for Incorporating Social Skills Training into Daily Academic Instruction”

Contributed to: *Preventing School Failure*

Journal—Vol. 52, No. 3, Spring 2008

Schoenfeld, Naomi (contributing author)

“Identification and Treatment of Anxiety in Students with Emotional or Behavioral Disorders: A Review of the Literature”

contributed to: *Education and Treatment of Children*

Journal—Vol. 31, No. 4, 2008

Spohn, Karen

“The 2006 SEC Disclosure Rulings and the Future of Executive Change-of-Control Contracts”

contributed to: *The Long Term View*

Journal—Vol. 7, No. 1, Spring 2008

Stake, Joel (contributing author)

“The Phylum Cnidaria: A Review of Phylogenetic Patterns and Diversity Three Hundred Years after Linnaeus”

contributed to: *Zootaxa*

Journal—No. 1668, 2007

Stake, Joel (contributing author)

“DNA Barcoding as a Tool for Coral Reef Conservation”

contributed to: *Coral Reefs*

Journal—Vol. 26, 2007

Stull, Bradford

Dad Incarnate: Rediscovering Fatherhood

Book—Novalis, 2007

Tavani, Herman

“Floridi’s Ontological Theory of Informational Privacy: Some Implications and Challenges”

contributed to: *Ethics and Information Technology*

Journal—Vol. 10, 2008

Tavani, Herman (contributing editor)

The Handbook of Information and Computer Ethics

Book—John Wiley & Sons, Inc., 2008

Tavani, Herman (contributing author)

“Intellectual Property Rights: From Theory to Practical Implementation,” in *Global Information Technologies: Concepts, Methodologies, Tools, and Applications*, ed. Felix Tan

Book Chapter –Information Science Reference, 2008

Tavani, Herman (contributing author)

“Online Communities, Democratic Ideals and the Digital Divide,” in *Global Information Technologies: Concepts, Methodologies, Tools, and Applications*, ed. Felix Tan

Book Chapter –Information Science Reference, 2008

Tavani, Herman

“The Classic Debate on the Relationship between Faith and Reason: Some Contemporary Challenges from the Perspectives of Relativism and Postmodernism”

Contributed to: *Rivier Academic Journal*

Online Journal—Vol. 4, No. 1, Spring 2008

Tavani, Herman

Ethics & Technology: Ethical Issues in an Age of Information and Communication Technology

Book—John Wiley & Sons, Inc., 2007

Tavani, Herman

“Regulating Cyberspace: Concepts and Controversies”

contributed to: *Library Hi Tech*

Journal—Vol. 25, No. 1, 2007

Thibodeau, p.m., Sr. Lucille C.

Crucible and Charism: A Biography of Sister M. Madeleine of Jesus, p.m., Founder of Rivier College

Book—Hollis Publishing Company, 2009

Wright, Elizabetheda

“Plutonium”

Contributed to: *Rivier Academic Journal*

Online Journal—Vol. 3, No. 1, Spring 2007

**Dion Center Boardroom Presentations
by recipients of the 2008 Faculty Scholarship Grants**

Dr. Susan E. Barbaro, Associate Professor and Department Coordinator, Department of Biology

Project title: *Effects of hormones and antibiotics on microbial assemblages in uncontaminated and wastewater impacted rivers.*

Project Abstract:

The effects of environmental contaminants on the integrity of local river ecosystems will be examined by assessing the ability of indigenous microbial assemblages to mineralize a variety of environmental contaminants. Studies will begin by using static microcosms to assess the ability of biofilms developed in uncontaminated and in waste water impacted rivers to degrade select hormones and antibiotics. Prior to the set up and running of microcosms, analytical techniques will be identified so that the presence of contaminants can be monitored during the course of the study. Funds obtained from this grant will be used to purchase materials needed for the microcosm experiments, accessories for the analytical equipment, and chemicals. In addition to determining the effects of environmental contaminants on river ecosystems, another primary objective of this study is to provide ongoing research that will allow for student participation.

Sally Booth, Assistant Professor, Director of the Social Work Program, Ph.D. Candidate

Project Title: *The experience of parenting a child with Asperger Syndrome: A diagnostic journey*

Project Abstract:

This is a qualitative study of the experiences of mothers of children who are diagnosed with Asperger Syndrome. The specific experience being studied is from the time that a mother initially senses that there is something different about her child to the time at which the child receives the diagnosis. The challenges of this experience will be highlighted and its impact on the mother, the child and other family members will be described. In addition, recommendations will be made for more effective practice by a variety of professionals. ■