

EVENTS SELEBRATE FACULTY SCHOLARSHIP

Celebrating Faculty Research, Scholarship, and Creative Accomplishment
Monday, April 18th, 2011 (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 Professor of English and Communications planned, coordinated and hosted the event. **Dan Speidel**, Library Director, **Jennifer Ferguson**, Reference Librarian, and **Samantha Cabral**, ERC/Reference Librarian collected materials, assembled the display and assisted in hosting the event. Jennifer compiled the 2011 Contributor List and distributed copies.

2011 Contributor List

Ackerman, Ann (contributing author)
"Teaching Social Studies as a Subversive Activity"
contributed to: *Social Education*
Journal – Vol. 73, No. 1, January/February 2009

Ackerman, Ann
"Social Studies and Globalization – A Teacher's Concern"
contributed to: [*Rivier Academic Journal*](#)
Online Journal – Vol. 5, No. 2, Fall 2009

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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
"Water Quality Data for the Nissitissit River: 2007-2009"
contributed to: [*Rivier Academic Journal*](#)
Online Journal - Vol. 6, No. 1, Spring 2010

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Bevis, Charlie
Doubleheaders—A Major League History
Book – McFarland, 2010

Caiazza, John

"The Cosmological Value of Human Life"
contributed to: [Rivier Academic Journal](#)
Online Journal - Vol.6, No. 1, Spring 2010

Caiazza, John

"Is God reasonable? Understanding Benedicts' Regensburg Address"
contributed to: *Homiletic and Pastoral Review*
Journal - November 2010

Carr, Lloyd

"Deliberation versus Outcome: A Procedural Dilemma for Committees"
contributed to: [Rivier Academic Journal](#)
Online Journal—Vol. 5, No. 1, Spring 2009

Connell, Cindi

"Cognitive Behavior Therapy in the Treatment of Anxiety Disorders in Children"
contributed to: [Rivier Academic Journal](#)
Online Journal - Vol. 6, No. 2, Fall 2010

Connell, Cindi

"Multicultural Perspectives and Considerations within Structural Family Therapy: The Premises of Structure, Subsystems and Boundaries"
contributed to: [Rivier Academic Journal](#)
Online Journal - Vol. 6, No. 2, Fall 2010

Connell, Diane

"The Global Aspects of Brain-Based Learning"
contributed to: *Educational Horizons*
Journal – Vol. 88, No. 1, Fall 2009

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Sr. Theresa Couture, p.m.

“Alpha and Omega”
Digital Painting

Sr. Theresa Couture, p.m.

“Leaves”
Digital Painting

Sr. Theresa Couture, p.m.

Exhibition Poster for the Rivier College Art Gallery
Hand Lettering and Typographic Forms, 2010

Sr. Theresa Couture, p.m.

Leaving Traces
Mixed media on Paper, 2011

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Cunningham, Paul

"The Problem with a Darwinian View of Humanity"
contributed to: [American Psychologist](#)
Journal – Vol. 64, No. 7, October 2009

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Della Ferra, Michaeline

[Thirteen Women: Inside New Hampshire's Female Majority Senate](#)
Book – L&L Dreamspell, 2010

Doherty, Timothy

"Lessons from the Believing Game"
contributed to: *The Journal of the Assembly for Expanded Perspectives on Learning*
Journal – Vol. 15, Winter 2009-2010

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Faiia, Marjorie Marcoux (contributing author)

Substance Use and Abuse: Exploring Alcohol and Drug Issues
Book – Lynne Rienner Publishers, 2009

Faiia, Marjorie Marcoux

"Women Behind Bars"
contributed to: [Rivier Academic Journal](#)
Online Journal – Vol. 5, No. 2, Fall 2009

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Feeney, Susan (contributing author)

"Using Physical Assessment when Assessing Nutritional Status"
contributed to: *ICAN: Infant, Child, & Adolescent Nutrition*
Journal – Vol. 2, No. 2, April 2010

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Greene, Richard

"Trophies of War: A Personal View"

contributed to: [Rivier Academic Journal](#)

Online Journal – Vol. 5, No. 2, Fall 2009

Kats, Yefim (editor)

Learning Management System Technologies and Software Solutions for Online Teaching: Tools and Applications

Book – Information Science Publishing, 2010

Maness, Larry

Colby's Corner

contributed to: One Man Talking Festival of New Plays, New York, NY

Play – Staged Reading, Emerging Artists Theatre, May 12, 2011

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Magnus, Teresa

"4, 6, 10, 16 and Other Variations on a Fibonacci Theme"

contributed to: NHTM Spring Conference

Conference Presentation – April 6, 2010

Magnus, Teresa

"Mathematics and Paradoxes in Elections and Politics"

contributed to: ATMNE Conference

Conference Presentation – November 9, 2010

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Matarazzo, Maria

"Shifting Hemispheres: Age, Altruism, and New Markets"

contributed to: *The International Journal of Knowledge, Culture & Change Management*

Journal – Vol. 9, No. 6, October 2009

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Menke, Martin

"Misunderstood Civic Duty: The Center Party and the Enabling Act"

contributed to: [Journal of Church and State](#)

Journal – Vol. 51, No. 2, November 2009

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Nichols, Joann

"Pendulum Swing in Reading Instruction"
contributed to: [Rivier Academic Journal](#)
Online Journal—Vol. 5, No. 1, Spring 2009

Nichols, Joann

"Everything is Relative"
contributed to: [Rivier Academic Journal](#)
Online Journal - Vol. 6, No. 2, Fall 2010

Pattison, Ivor

"Clinical Presentation, Diagnosis and Treatment of Dementia"
contributed to: [Rivier Academic Journal](#)
Online Journal – Vol. 5, No. 2, Fall 2009

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Petersen, Sheli

Barred Owl
Prisma Color and Acryla-Gouache on Paper, 2011

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Philip, Benjamin (contributing author)

"The effect of prey availability on metabolism and activity in the tarantula *Phormictopus cancerides*"
contributed to: [The Canadian Journal of Zoology](#)
Journal - Vol. 88, No. 1, January 2010

Philip, Benjamin (contributing author)

"Changes in abundance of aquaporin-like proteins occurs concomitantly with seasonal acquisition of freeze tolerance in the goldenrod gall fly, *Eurosta solidaginis*"
contributed to: *The Journal of Insect Physiology*
Journal - Vol. 56, No. 7, July 2010

Philip, Benjamin (contributing author)

"The protective role of aquaporins in the freeze-tolerant insect *Eurosta solidaginis*: functional characterization and tissue abundance of EsAQP1"
contributed to: *The Journal of Experimental Biology*
Journal - Vol. 214, No. 5, March 2011

Philip, Benjamin (contributing author)

"Gene knockdown analysis by double-stranded RNA injection in the red flower beetle, *Tribolium castaneum*"
contributed to: *Methods in Molecular Biology: Molecular Methods for Evolutionary Genetics*
Book - Forthcoming, 2011

Rekart, Jerome

"Distortion and Decay of Memories from Synapse to Behavior"

contributed to: [*Rivier Academic Journal*](#)

Online Journal – Vol. 5, No. 2, Fall 2009

Rekart, Jerome (contributing author)

"Overexpression of GAP-43 Reveals Unexpected Properties of Hippocampal Mossy Fibers"

contributed to: *Hippocampus*

Journal – Vol. 20, No. 1, January 2010

Riabov, Vladimir

"Numerical Simulation of Interactions between Dissociating Gases and Catalytic Materials in Shock Tubes"

contributed to: *Shock Waves: 26th International Symposium on Shock Waves*, Vol. 2, edited by K. Hanneman and F. Seiler

Conference Proceedings – Springer, 2009

Riabov, Vladimir

"Rotational-Translational Relaxation Effects in Diatomic-Gas Flows"

contributed to: *Shock Waves: 26th International Symposium on Shock Waves*, Vol. 2, edited by K. Hanneman and F. Seiler

Conference Proceedings – Springer, 2009

Riabov, Vladimir

"The Structured Test Methodology for Software Quality Assurance"

contributed to: The 29th Annual Boston Quality Conference

Conference Proceedings – 28 April 2009, Waltham, MA

Riabov, Vladimir

"Numerical Study of Interference between Simple-Shape Bodies in Hypersonic Flows"

contributed to: *Computers and Structures*

Journal – Vol. 87, No. 11-12, June 2009

Riabov, Vladimir

"Graph Theory Applications in Code Analyses and Developing Software Test Strategies"

contributed to: MathFest, 2009

Conference Proceedings – 6-8 August 2009, Portland, OR

Riabov, Vladimir

"Non-Trivial Motivational Study Cases for the College Courses in Introductory Mathematics"

contributed to: MathFest, 2009

Conference Proceedings – 6-8 August 2009, Portland, OR

Riabov, Vladimir

"Risk Analysis Using Software Quality Metrics"

contributed to: BOSCON 2010
Conference Proceedings – 8 April 2010, Waltham, MA

Riabov, Vladimir (contributing author)
"Running a Computer Security Course: Challenges, Tools, and Projects"
contributed to: *The Journal of Computing Sciences in Colleges*
Journal – Vol. 25, No. 6, June 2010

Riabov, Vladimir and **Higgs, Bryan** (contributing authors)
"Software Tools and Virtual Labs in Online Computer-Science Classes"
contributed to: *Learning Management System Technologies and Software Solutions for Online Teaching: Tools and Applications*, edited by Yefim Kats
Book – Information Science Publishing, 2010

Riabov, Vladimir (contributing author)
"Running a Computer Security Course: Challenges, Tools, and Projects"
contributed to: [*Rivier Academic Journal*](#)
Online Journal - Vol. 6, No. 1, Spring 2010

Riabov, Vladimir (contributing author)
"Rarefaction Effects in Hypersonic Aerodynamics"
contributed to: *Abstracts of the 27th International Symposium on Rarefied Gas Dynamics*, Paper No. 7
Book of Abstracts – July 10-15, 2010, Pennsylvania State University, Pacific Grove, CA, USA

Riabov, Vladimir (contributing author)
"Estimations of Rotational-Relaxation Parameters in Diatomic Gases"
contributed to: *Abstracts of the 27th International Symposium on Rarefied Gas Dynamics*, Paper No. 8
Book of Abstracts – July 10-15, 2010, Pennsylvania State University, Pacific Grove, CA, USA

Riabov, Vladimir (contributing author)
"Numerical Studies of Heat Transfer on Hypersonic Blunt Bodies with Gas Injection"
contributed to: *Proceedings of the 7th International Conference on Engineering Computational Technology*, Paper No. 3
Conference Proceedings – 14-17 September 2010, Valencia, Spain

Riabov, Vladimir (contributing author)
"Methodologies and Tools for the Software Quality Assurance Course"
contributed to: *The Journal of Computing Sciences in Colleges*
Journal – Vol. 26, No. 6, 2011

Riabov, Vladimir and **Higgs, Bryan** (contributing authors)
"Algorithms and Software Tools for Teaching Mathematical Fundamentals of Computer Security."
contributed to: *Proceedings of the 23rd Annual International Conference on Technology in Collegiate Mathematics*
Conference Proceedings – 17-20 March, 2011, Prentice-Hall, Denver, CO, USA

Riabov, Vladimir (editor)

[*Rivier Academic Journal*](#), Vol. 5, No. 1, Spring 2009, "In the Spring Spirit"
Online Journal & CD edition

Riabov, Vladimir (editor)

[*Rivier Academic Journal*](#), Vol. 5, No. 2, Fall 2009, "Community & Photo Contest"
Online Journal & CD edition

Riabov, Vladimir (editor)

[*Rivier Academic Journal*](#), Vol. 6, No. 1, Spring 2010, "Impressions"
Online Journal & CD edition

Riabov, Vladimir (editor)

[*Rivier Academic Journal*](#), Vol. 4, No. 2, Fall 2010, "Exploring the World"
Online Journal & CD edition

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Riggs, Ann

"Word, Sacraments and the Christian Imagination"

contributed to: *Worship*

Journal – Vol. 84, No. 1, January 2010

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Schoenfeld, Naomi (contributing author)

"Professional Development: A Capacity-Building Model for Juvenile Correctional Education Systems"

contributed to: [*The Journal of Correctional Education*](#)

Journal – Vol. 60, No. 2, June 2009

Schoenfeld, Naomi (contributing author)

"Effects of Cognitive-Behavioral Intervention on the School Performance of Students with Emotional or Behavioral Disorders and Anxiety"

contributed to: [*Behavioral Disorders*](#)

Journal – Vol. 34, No. 4, August 2009

Schoenfeld, Naomi (contributing author)

"Practical Techniques to Enhance Co-Teaching Interactions"

contributed to: *Intervention in School and Clinic*

Journal – Vol. 45, No. 3, January 2010

Schoenfeld, Naomi

"Reading, Literature and Spirituality: The Transformative Power of Education"

contributed to: [*Rivier Academic Journal*](#)

Online Journal - Vol. 6, No. 2, Fall 2010

Schoenfeld, Naomi (contributing author)

"Effective Instructional Practices in Juvenile Justice Facilities"

contributed to: [*Behavioral Disorders*](#)

Journal - Vol. 36, No. 1, November 2010

Spohn, Karen (contributing author)

"A 25th Anniversary Redux of the Simon and Ehrlich Global Sustainability Wager"

contributed to: [*Journal of International Business and Cultural Studies*](#)

Online Journal – Vol. 1, February 2009

Spohn, Karen (contributing author)

"The Macroeconomics Course and the College Student Vote: A New Assessment of Economic Literacy"

contributed to: [*Research in Higher Education Journal*](#)

Online Journal – Vol. 4, September 2009

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Tavani, Herman

"The Foundationalist Debate in Computer Ethics"

contributed to: [*Information and Computer Ethics*](#), edited by Luciano Floridi

Book – Cambridge University Press, 2010

Tavani, Herman (contributing author)

"The Consent Process in Medical Research Involving DNA Databanks: Some Ethical Implications and Challenges"

contributed to: *Computers and Society*

Journal – Vol. 40, No. 2, June 2010

Tavani, Herman (contributing author)

"Applying the 'Contextual Integrity' Model of Privacy to Personal Blogs in the Blogosphere"

contributed to: [*International Journal of Internet Research Ethics*](#)

Online Journal – Vol. 3, No. 1, December 2010

Tavani, Herman

"ICT ethics bibliography 2009-2011: a select list of recent books"

contributed to: [*Ethics and Information Technology*](#)

Journal – Vol. 12, No. 4, December 2010

Tavani, Herman (contributing author)

"Trust and multi-agent systems: applying the 'diffuse, default model' of trust to experiments involving artificial agents"

contributed to: [*Ethics and Information Technology*](#)

Journal – Vol. 13, No. 1, March 2011

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Tavani, Herman

[Ethics and Technology: Controversies, Questions, and Strategies for Ethical Computing](#)

Book – Wiley, 2011

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

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Valeras, Aimee

"Differential Diagnosis"

contributed to: [Rivier Academic Journal](#)

Online Journal - Vol. 6, No. 1, Spring 2010

Wayne, Kevin (contributing author)

"The Macroeconomics Course and the College Student Vote: A New Assessment of Economic Literacy"

contributed to: [Research in Higher Education Journal](#)

Online Journal – Vol. 4, September 2009

Wayne, Kevin

"Determinants of Commercial Innovation for University Technology Transfer"

contributed to: [Journal of Behavioral Studies in Business](#)

Online Journal – Vol. 2, May 2010

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Wright, Elizabetheda

"A History of the Arts of Memory and Rhetoric"

contributed to: [Rivier Academic Journal](#)

Online Journal – Vol. 5, No. 2, Fall 2009

Wright, Elizabetheda

"Unrequited Love"

contributed to: [Rivier Academic Journal](#)

Online Journal – Vol. 5, No. 2, Fall 2009

Wright, Elizabetheda

"Alec"

contributed to: [Rivier Academic Journal](#)

Online Journal - Vol. 6, No. 1, Spring 2010

Wright, Elizabetheda (contributing author)

"The Rhetorical Situation of the Sacred: Exigences of the Human Body"

contributed to: [*Revisiting the Past through Rhetorics of Memory and Amnesia*](#), edited by Dale Sullivan, Bruce Maylath and Russel Hirst

Book - Cambridge Scholars Publishing, 2010

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Dion Center Boardroom Presentations
by recipients of the Summer 2010 Faculty Scholarship Grants

Dr. Timothy Doherty, Department of English & Communications

“Guide to Using Dialogue Inside the Classroom”

Abstract: Tim Doherty’s 2010 scholarship grant supported a book project he has undertaken with Joni Doherty, Director of the New England Center for Civic Life (NECCL) at Franklin Pierce University, and Zan Goncalves, Coordinator of College Writing at Franklin Pierce University. The book will consider various uses of dialogue-based discussion and writing in support of an initiative by the American Association of College and Universities to promote civic engagement and deliberative dialogue in higher education. The book advocates that central goals of a college education should be to help students prepare for public deliberation, to practice active listening to others in the context of conflict, to investigate multiple perspectives, beyond pro/con, and to seek common ground in conflict, when possible.

Dr. Susan E. Gately and Dr. Naomi A. Schoenfeld, Department of Education

“Virtual Coaching of Pre-Service Student Teachers”

Abstract: This project examined virtual coaching opportunities for pre-service student teachers using Bug in the Ear (BiE) technology. Exploratory research indicates that virtual coaching may enhance the value of mentor observations during the student teaching experience by providing students with immediate feedback and coaching. Using a combination of Skype and a Bluetooth headset, college supervisors were able to virtually coach students in real time as they worked in the field. Preliminary results were reported at the Christa McAuliffe Conference in Nashua, NH in December, 2010.

Dr. Martin Menke, Department of History, Law and Political Science

“German Political Catholicism, 1917-1933”

Abstract: During the past few years, I have been concretizing research for a monograph on the role of Catholic values in the decision making of the German Center Party, 1917-1933. From the mid-nineteenth century until the party’s dissolution in the wake of the Nazi seizure of power, the Center

Party represented the broad spectrum of German political Catholicism (see my article from the Journal of Church and State for a detailed explanation.). During the years of the Weimar Republic, 1919-1933, the Center participated in all but two of the eighteen cabinets and furnished the chancellor (equivalent to a prime minister) for six of them.

Dr. Jerome Rekart, Departments of Psychology/Education

“A Survey of the Beliefs and Knowledge of K-12 School Teachers Concerning Education, Neuroscience, and Cognition”

Abstract: Despite the fact that evidence-based neuroscientific and cognitive research may hold much promise for enhancing pedagogy, there is a dearth of applications in educational settings. Though it has been hypothesized that popular pedagogical methods that claim to be "brain-based" without empirical support (i.e. "neuromyths") may be partially to blame for the lack of true bidirectional collaborations between educators and scientists, the actual beliefs and knowledge of educators have never been assessed. This study used a saturation sampling technique to identify the beliefs and brain knowledge of over five-hundred certified K-12 school teachers throughout New Hampshire using an online survey. Respondents overwhelmingly indicated that it was important that educators be able to identify "real" relationships relating brain science to education. As predicted, the number of incorrect responses to several knowledge questions reinforced the need to provide educators with the tools necessary to make critical decisions about the accuracy of popular "neuromyths" that relate to education. It is this researcher's goal to use the results of this survey to facilitate the integration of valid mind, brain, and education findings into classroom settings with K-12 partners.

Dr. Joel Stake, Department of Biology

“A Microstructural Approach to the Systematic Relationships within the Genus *Agaricia*”

Abstract: I am collaborating with Dr. Francesca Benzoni, Reef Team Coordinator for the Tara Expeditions, and Dr. Fabrizio Stefani, researcher at the University of Milan-Bicocca, on a project to understand the evolutionary relationships of the species in the scleractinian coral family Agariciidae. We are looking at microstructural aspects of the coral skeleton in addition to the genetic data we have already collected. ■
