

ABOUT THE AUTHORS

SUSAN E. BARBARO, Ph.D., obtained her Bachelor of Science Degree from Concordia University, Montreal, Quebec. Upon completion Susan was enrolled in the Master of Science program at the University of Waterloo, Ontario, Canada, where she studied the microbial ecology of the saturated subsurface. After completing her M.Sc. and two years employment at an agricultural biotechnology firm, Susan returned to the University of Waterloo, and enrolled as a Doctoral candidate, where she studied the physiology of a psychotrophic crude oil degrading bacterium. Her first full-time teaching position was at Delaware State University, a Historical Black College. Susan joined the faculty at Rivier College in 2003.

DENISE BAXTER, ARNP, Ed.D (T), Professor of Nursing, teaches in the Associate, Baccalaureate, and Master's degree programs at Rivier College. She has been a registered nurse for thirty-three years and has been teaching for twenty-six years. Dr. Baxter is a Family Nurse Practitioner in Lowell, MA at the Growth & Nutrition Clinic sponsored by the MA DPH for children with various growth issues, such as Failure to Thrive. She holds bachelor's degree from Boston College, master's degree from University of Massachusetts at Lowell, and Ed.D. from Vanderbilt University.

KATHI VIESER BIANCO is a freelance writer from Long Island, New York, specializing in higher education and consumer marketing. The winner of multiple awards for both nonfiction and fiction writing, she holds a bachelor's degree from Northwestern University and master's degrees from New York Institute of Technology and the City University of New York-Queens College.

LUCIE BRYAR earned a B.A. in English Communications from Rivier College in 1976. She has more than 20 years experience in newswriting, marketing, and public relations, including nearly 14 years as a staff writer for Rivier College. In her current position, she produces the faculty/staff newsletter, *Campus Forum*; Bryar also writes marketing materials for admissions, copy for the college website, and feature and news articles for the magazine, *Rivier Today*.

As Rivier's Director of College Relations, **KAREN COOPER** oversees the College's marketing and advertising, public relations, publications, communications, and the website. She earned her Master's of Business Administration with a concentration in marketing from Rivier in 2003, and this fall she will be teaching graphic design in the College's Professional Communications program. Some of her accomplishments at Rivier include the design of the current College logo; the development of the College magazine, *Rivier Today*, of which she is the editor; and the launch of the new College website in 2005. She also serves as Associate Editor of the Online Academic Journal.

Sr. THERESA COUTURE is an artist in digital and combined media. She received her M.F.A. from Rhode Island School of Design, Providence, Rhode Island; D.Min. in Theology and the Arts from Graduate Theological Foundation, South Bend, Indiana (partially coordinated with studies at the Graduate Theological Union, Berkeley, California and the Andover Newton Theological School, Newton, MA); and M.A. and B.A. in English from Rivier College. Theresa Couture combines an active studio life with a full professorship in art at Rivier College, a Catholic liberal arts institution sponsored by the Sisters of the Presentation of Mary of which she is a member. She has served as Co-chair of the Department of Art and Music and Director of the Design Program. She is currently Director of the Rivier College Art Gallery. Her work on paper has been exhibited throughout the United States. Many of her pieces are in private and university collections as well as in the collections of the Armand Hammer Museum, Los Angeles, California, and the National Museum of Women in the Arts, Washington, D.C. Her work has appeared in Art New England, Christianity and the Arts, Insight, Face of the Deep, and publications of Christians in the Visual Arts (CIVA).

Dr. ALBERT DeCICCIO, Academic Dean, is in his sixth year at Rivier College. Before Rivier, he worked for twenty years at Merrimack College, until 1998, when he was asked to accept a position as Dean of the Graduate School at Wheelock College in Boston. In 1997-1998, DeCiccio completed a term as President of the International Writing Centers Association; in 2002-2003, DeCiccio ended a five-year term as co-editor of *The Writing Center Journal*. He regularly contributes articles and presentations about collaborative learning, writing, and writing center theory and practice. He has three times presented for the International Conference on the First-Year Experience.

JOHN DION received his B.A. in Psychology in 1996 from the University of West Florida in Pensacola, Florida. His current research interests are in Cognitive Science, Philosophy of Mind, Semantic Networks, and Human Computer Interaction for users with disabilities. His personal interests include contemporary Christian songwriting and homelessness prevention. Upon completion of his M.S. in Computer Science from Rivier College in May 2006, John is interested in starting an organization where the proceeds from software sales go to homelessness prevention programs and shelters. You may view his Curriculum Vitae at <http://www.musicshowcase.com/cv/> or contact him at john@musicshowcase.com.

ERIC DROUART, a native of France, after graduating from Institut de Préparation à l'Administration et à la Gestion (IPAG) in Paris, France, attended the University of Massachusetts (Amherst), and received a Bachelor's in Business Administration and a Master's of Science in Business Administration. Drouart joined Rivier College in early 2000. He is an Associate Professor in the Business Administration Division teaching courses in management, marketing, advertising, international business, and strategic management. Drouart had extensive international marketing and general management experience with Bristol-Myers Squibb. He was based in Paris, France from 1994 to 1999. Eric also spent five years, from 1986 to 1991, in Japan, and one year (1993) in Italy. Drouart had prior international research experience with General Foods Corporation and Burke Marketing Research. Drouart is a member of the American Marketing Association.

DAVID DWYER has worked both as a reliability engineer and as a software engineer while at BAE Systems over the last 32 years. Before that, he was a flight instructor at the University of Illinois for 3 ½ years. He has a B.S. in Physics (Providence College, 1963), M.S. in Electrical Engineering (Northeastern University, 1980), and M.S. in Computer Science (Rivier College, 1999). He has presented several papers on Software Reliability at different conferences (including IEEE Annual Reliability & Maintainability Symposia [RAMS] since 1987). The current paper, "Software Reliability Estimations/Projections, Cumulative & Instantaneous" is based on David's project completed during his studies at Rivier College. David presented this paper at the IEEE RAMS Symposium in 2004.

Dr. BRYAN HIGGS is Assistant Professor of Computer Science at Rivier College. After earning his Ph.D. in Physics, Dr. Higgs entered the computing realm and worked in the computer industry for about 30 years. He spent 20 years at Digital Equipment Corporation, and seven years at Oracle Corporation. During that time, he obtained an M.S. degree in computer science from Rivier College and also became an adjunct faculty member at Rivier, teaching computer science courses in the evenings over a period of 15 years. In 2002, he joined the full-time computer science faculty at Rivier. Since then, he has developed and taught courses in Computer Organization, Java Programming, High Octane Java, C++ Programming, Perl Programming, Database Management Systems, Multimedia & Web Development, Client/Server Computing, and Computer Security. Dr. Higgs is a member of the Association for Computing Machinery. He is Chair of the Faculty Development Committee of the Faculty Senate.

AJAY KUMAR was born in Bangalore, India. He received his Bachelor of Science in Mathematics, Physics and Chemistry from Bangalore University in India in 1991. After emigration to the United States in 1996, he worked as a consultant and software developer for Unisys Corporation. Ajay is currently a computer programmer/analyst at TradePoint Systems in Nashua. He passed the Oracle Certified Associate exams. Ajay is pursuing a M.S. in Computer Science at Rivier College.

CAROL A. LANGELIER, Ph.D., Associate Professor and Director of Graduate Counseling Programs at Rivier College, is a licensed psychologist who has practiced in both clinical inpatient and outpatient settings, as well as educational settings as a school counselor and school psychologist. For the past four years, she has been employed as a full time faculty member at Rivier College, teaching courses in counseling theory, techniques of counseling, abnormal psychology, diversity, and many other subject areas. Her publications include two books, published by Sage Publications, entitled *Mood Management: A Cognitive Behavioral Skills Building Program for Adolescents, Workbook* and *Leader's Manual*. She has also published articles on Mood Management, Multicultural Identity Development, and Multicultural Aspects of the College Admission process. Her national and state conference presentations have included the American Counselor Association, the New Hampshire School Counselor Association, the Maine School Counselor Association, the American Educational Research Association and the 17th International Conference on College Teaching & Learning.

At the time of publication, **JILL LEPPANEN LERNER** is serving as the Interim Executive Director at Big Brothers Big Sisters of Greater Nashua and has been with the organization for eight years. She is pursuing her Masters in Clinical Mental Health Counseling at Rivier College and will also work towards her LCMHC licensure upon graduation. In summer 2006 she will also begin her internship with the Goffstown, NH Women's Prison.

JENNIFER LISKOW earned a master's in writing and literature from Rivier College in 2002; she has worked in Rivier's Development Office for the last seven years. Jennifer spends her free time preparing food in her vintage 1950's-style kitchen, practicing yoga, and listening to live music in Boston.

PAUL A. LIZOTTE, Ph.D., is Professor of the Department of English and Communication at Rivier College. He received a Ph.D. (English) from Pennsylvania State University, M.A. (English) from the University of Virginia, and A.B. (English, Minor in Philosophy) from Boston College. Dr. Lizotte specializes in British Romantic and Victorian Poetry, 19th Century British Novel, Modern American Poetry, Literature of the Environment, and Literary Theory and Criticism. He is a Member of the Rivier Faculty since 1980 serving as Chair of the English and Communications Department for nine years (1983-1992). Currently, Dr. Lizotte is the Chair of the Faculty Senate, Director of the College's Honors Program, and Director of the Freshman Writing Seminar program.

MARY ELLEN McGUIRE, M. Div., Director of Rivier College Campus Ministry, joined the campus ministry in the summer of 2004. After many years in the financial services industry, she switched careers to pursue graduate studies in theology and ministry because she loves "talking to people about God." Most recently, she served as a campus minister at UMass-Amherst. In her free time, Mary Ellen likes to read, cook, bake, and play volleyball. She lives in Haverhill, MA with her husband, John.

Dr. MARTIN MENKE is Associate Professor of History and Director of Secondary Social Studies Education at Rivier College. His primary research interest is in twentieth-century German political Catholicism. He holds a B.A. from Tufts University and an M.A. and Ph.D. from Boston College. He has published a number of encyclopedia articles, online chapters for a hybrid US History textbook. His most recent publication is the article "Thy Will Be Done: German Catholics and National Identity in the Twentieth Century" in the spring 2005 edition of *The Catholic Historical Review*.

A former teacher, curriculum specialist, and superintendent of schools, **Dr. CHARLES L. MITSAKOS** is professor of education and chair of the education division at Rivier College. He is the author or co-author of more than twenty history, geography, and social studies textbooks, workbooks, and multimedia programs for elementary and secondary schools. He has served as educational consultant to schools and school districts in fifteen states, U. S. Virgin Islands, U. S. Department of Defense Dependents Schools, and Ministries/Departments of Education in Antigua and Barbuda, Barbados, Bermuda, and Cayman Islands. He is a past president and now serves as treasurer of the Social Science Education Consortium, an affiliate of the National Council for the Social studies.

Dr. HOWARD S. MUSCOTT is professor of education and director of undergraduate special education programs and graduate programs in emotional and behavioral disorders (EBD) in the department of education at Rivier College. Dr. Muscott currently co-directs the New Hampshire Center for Effective Behavioral Interventions and Supports, a statewide technical assistance and training network aimed at promoting positive and preventive school discipline systems and improving the emotional well-being of all children including those with emotional/behavioral disorders. Muscott received his doctorate in educating students with EBD from Teachers College, Columbia University and joined the Rivier faculty in 1992. He has more than 30 years of experience in education ranging from preschool through high school and higher education. He has been a special education teacher and principal of three different schools for students with disabilities. He has been nominated for two national awards, United States Professor of the Year and the Thomas Ehrlich Faculty Award for Service-Learning, and was honored with an Excellence in Education Award by the New Hampshire College and University Council as the New Hampshire Professor of the Year in 2000. Muscott was named Distinguished Alumnae from the State University College at Buffalo, New York in 2003 for his lifelong commitment to special education. In 2004, the New Hampshire Chapter of the National Alliance for the Mentally Ill (NAMI-NH) honored him with their Outstanding Special Educator of the Year Award. Dr. Muscott is nationally known for his work and publications in the fields of educating students with emotional/behavioral disorders, schoolwide discipline, and service-learning. A frequent keynote speaker and consultant to schools, he has delivered more than 250 presentations to educators and families in both New Hampshire and across the country.

JULIA B. OSHER was born in Leningrad, U.S.S.R and moved to New Hampshire in 1982 where she spent the remainder of her childhood. She received her B.A. from University of Pennsylvania where she studied Physics and English. Currently Julia resides in Stamford, C.T. with her husband Seth and her three adorable sons, Aaron, Dov, and Chaim.

SHELI PETERSEN's art career began at three with crayon drawings of the solar system. In high school, she earned money doing portraits of various friends and celebrities. After receiving a Bachelor's of Fine Art from Southwest Missouri State University (Springfield, MO, 1990), she worked as a graphic designer and illustrator for Kansas City's art and entertainment magazine, *Pitch*. For two years, she managed all the art direction for Smith Advertising (Kansas City, MO). She earned her Master's in Fine Art in Illustration from Savannah College of Art and Design (Savannah, GA, 1996). In graduate school, she concentrated on children's book illustration. Her thesis project, *Magali—An Aztec Legend about Good Fortune*, is published by Laredo Publishing (Beverly Hills, CA). Her other published work includes *Itza—The Boy Who Rode a Jaguar*, written by Leonard Bernard, *Voladores* written by Patricia Petersen, and *Gigi and the Birthday Ring*, written by Giselle Fernandez. Sheli is an Associate Professor of Art at Rivier College (Nashua, NH). She is the recipient of the Children's Choices Award, the Society of Children's Books Writers and Illustrators Most Professional Portfolio Presentation Award, and the Savannah College of Art and Design International Art Award.

Dr. VLADIMIR V. RIABOV, Associate Professor of Computer Science at Rivier College, teaches Computing Concepts & Tools, Networking Technologies, Software Engineering, Object-Oriented System Design, and System Simulation and Modeling. He received a Ph.D. in Applied Mathematics and Physics from Moscow Institute of Physics and Technology and M.S. in Computer Information Systems from Southern New Hampshire University. Vladimir published about 100 articles in encyclopedias, handbooks, journals, and international and national conference proceedings, including *The Internet Encyclopedia*, *The Handbook of Information Technologies*, *Journal of Spacecraft and Rockets*, *Journal of Aircraft*, *Journal of Thermophysics and Heat Transfer*, *Proceedings of International Congress of Aeronautical Sciences*, *International Symposia on Rarefied Gas Dynamics*, *International Conference on Computer Science and Information Systems*, *Conferences of American Institute of Aeronautics and Astronautics*, and others. He is a member of ACM, AIAA, IEEE, and MAA. His hobby is digital photography. Some of Vladimir's photos have been published in *The Bedford Bulletin* and *The Goffstown News*. He has also participated in the SNHU Community Art Shows and New Hampshire Art Association Photo Exhibitions.

Attorney CAROL ROLF is Assistant Professor and Director of the Criminal Justice and Legal Studies program at Rivier College and has taught business law courses for over 15 years. Before concentrating on teaching, Attorney Rolf practiced law full time for more than 20 years and is licensed to practice in New Hampshire and Massachusetts. As part of her general law practice, Attorney Rolf represented many business entities. In addition to a law degree, Attorney Rolf has a Masters in Business Administration and a Masters in Counseling, both of which complement the multi-disciplinary Criminal Justice program.

MIHAELA SABIN, Ph.D., is Associate Professor of Computer Science, Director of the Computer Science Programs, and Coordinator of the Mathematics and Computer Science Department. Computing and its many applications first became an important part of Dr. Sabin's life twenty-five years ago when she studied computer science at the Polytechnic University of Bucharest in her native country, Romania. After completing her master's degree, Mihaela researched the automation of writing programs, and developed tools that make computer-user interaction more friendly and natural. She pursued her doctorate in computer science jointly with a master's in college teaching at the University of New Hampshire. Along with more specialized research in the field of artificial intelligence and constraint satisfaction technology, Dr. Sabin became increasingly interested in being a teacher of computer science. Her current research is on the application of constraint satisfaction problem solving to network diagnosis, product configuration, and data storage management. She is also actively involved in advancing computer science and information technology education. Mihaela holds a strong belief that mathematics and sciences are an integral and essential part of today's education, research, and industry. Through her teaching and scholarship she is committed to promoting and improving the education of the young in mathematics, sciences, and computer science in particular.

TRACY SCHIER, Ph.D., is co-founder of the Boston College Institute for Administrators in Catholic Higher Education and serves as the Institute's Associate Director. Dr. Schier has a long background in higher education, having served as a senior administrator, faculty member, and, currently, trustee at Rivier College. She has also taught at University of Massachusetts/Lowell and at St. Mary's College, Notre Dame, Indiana. Since 1986 she has served as consultant to the Lilly Endowment and, in addition to writing and editing numerous Endowment publications, and currently writing a series of interviews for their website, she has directed and/or evaluated over 20 funded programs around the country. Among the programs she has directed is the Project on Colleges Founded by Women Religious at Yale University that resulted in the book *Catholic Women's Colleges in America*. It was published in 2002 by Johns Hopkins University Press. In addition to her ongoing work at Boston College and Lilly Endowment, Dr. Schier maintains an active private consulting practice in strategic planning, board development, and evaluation and has served over 50 colleges, universities, health care and other non-profit institutions in some 20 states and Canada. She currently has a multi-year consulting contract at College of the

Holy Cross. In addition to serving on the Rivier board, she is a trustee of the Nashua Symphony Association, and is on an education advisory board for the Archdiocese of Boston. She serves as a mentor for InTrust, a national organization for presidents and trustees of theological schools in the U.S. and Canada. Tracy is a graduate and trustee emerita of St. Mary-of-the-Woods College, holds masters degrees from Ohio University and Rivier College, and a Ph.D. in history and philosophy of higher education from Boston College. She is married to Dr. Walter Schier, a nuclear physicist, and has three adult children and four adorable grandchildren. When she is not furthering the causes of education or playing with her grandchildren, she loves to sail and explore the world. She just returned from 2 weeks in Tanzania where she was up close and personal with more lions and elephants and baboons (among the multitude of other wild animals) than she could possibly count.

EMILY SHAFFER grew up in Massachusetts and New Hampshire, and has been writing poetry, fiction, plays, and essays since she was ten. She has an MFA in film production from Boston University and has worked in publishing and film in New York. She is currently co-writing a script and writes book reviews on young adult fiction for several websites. She has lived in Israel, London, and France, but considers home to be New York City.

JIMMY A. SYMONDS, a Nashua native, attended Nashua Senior High School prior to enrolling in the Biology Program at Rivier College in 2002. During his studies here, Jimmy has maintained a part-time laboratory technician position at Envivo Pharmaceuticals. His duties include maintaining transgenic *Drosophila* lines and media preparation. Jimmy intends to accept a full-time position at Envivo upon graduation in May, 2006.

BRUCE R. TRULL is a Software/Systems Engineer in the High Performance Computing Division of Hewlett Packard Company, developing run-time libraries for various parallel programming languages. He is currently pursuing a M.S. in Computer Science at Rivier College. He received his B.A. in Computer Science and Applied Mathematics from the University of Maine in 1986.

Photograph on the *cover page* by **Dr. HOWARD S. MUSCOTT**.