

FACULTY DEVELOPMENT SUMMER GRANTS (2006)

Bryan Higgs, Ph.D.*

**Associate Professor, Department of Mathematics and Computer Science
Chair, Faculty Development Committee, Faculty Senate, Rivier College**

Summer Grants 2006

SUSAN E. BARBARO: “Examining the Fate of Anthropogenic Compounds in Aquatic Ecosystems”
[See *S. Barbaro's article in this issue of the Rivier Academic Journal*].

SUSAN E. BARBARO, Ph.D., obtained a Bachelor of Science Degree from Concordia University, Montreal, Quebec, and Master of Science and Doctorate from the University of Waterloo, Ontario. Her desire to understand and protect the environment has always played an important role in determining Susan's research interests. In particular, she is interested in the microbial ecology of fresh water and soil ecosystems. Susan has studied and conducted research related to microbial physiology, biological control, and bioremediation. Her first full-time teaching position was at Delaware State University, a Historical Black College. She joined the faculty at Rivier College in 2003.

HERMAN T. TAVANI: “Ethics and Technology”

HERMAN T. TAVANI, Ph.D., is Professor of Philosophy, Coordinator of the Philosophy Department, and Director of the Liberal Studies Program at Rivier College. He is Co-Director of the International Society for Ethics and Information Technology, a visiting scholar/ethicist at the Harvard School of Public Health, and a past-president of the Northern New England Philosophical Association. The author of numerous publications, his books include *Ethics and Technology: Ethical Issues in an Age of Information and Communication Technology* (John Wiley & Sons, 2004; 2nd edition, 2007), *Ethics, Computing and Genomics* (Jones and Bartlett, 2006), *Information and Computer Ethics* (co-edited with Kenneth Himma) forthcoming from John Wiley & Sons, and two anthologies co-edited with Richard Spinello: *Intellectual Property Rights in a Networked World: Theory and Practice* (Idea Group/Information Science Publishing, 2005), and *Readings in CyberEthics* (Jones and Bartlett, 2001; 2nd edition, 2004).

* **Dr. BRYAN HIGGS** is Associate 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.