

CARRIE FRASER FERRARO

RUTGERS UNIVERSITY, INSTITUTE OF MARINE & COASTAL SCIENCES
71 DUDLEY ROAD • NEW BRUNSWICK, NJ 08901

EDUCATION

- Ph.D. in Oceanography Rutgers University, New Jersey
- Excellence Fellow (2003-2004)
 - Advisor: Dr. Lee Kerkhof
- B.S. in Biological Sciences The George Washington University, Washington, DC
- Graduated May 2001 Magna Cum Laude, GPA of 3.65 (4.0 scale)
 - Member, The National Society of Collegiate Scholars and Phi Eta Sigma Honor Society

PROFESSIONAL EXPERIENCE

- January 2010-Present Program Coordinator of Education and Public Outreach
Institute of Marine and Coastal Sciences, Rutgers University
- Spring 2009 Instructor of Undergraduate course entitled "Ocean Science Inquiry"
Department of Oceanography, Rutgers University
- Summer 2007-Present Lesson Designer/Science Advisor for COOL Classroom, an on-line, inquiry based group of lesson plans that use real-time data
Rutgers University
- Fall 2003-Winter 2010 Graduate Assistant/Student
Institute of Marine and Coastal Sciences, Rutgers University
- February 2002-August 2003 Research Associate at Edge Biosystems, Inc.
Gaithersburg, MD

PROFESSIONAL AFFILIATIONS

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|---|---------------------|
| Association for Science Teacher Education | Spring 2008-Present |
| American Society of Limnology and Oceanography | Spring 2006-Present |
| American Society for Microbiology | Fall 2004-Present |
| Vice-President, Oceanography Graduate Student Association | 2005-2007 |

PUBLICATIONS

- Ferraro, C.A., L.J. Kerkhof, & S.L. McCallister. The Role of Salinity, Nutrients, and Organic Matter on the Activity of Microorganisms in a New Zealand Fjord. *In prep.*
- Ferraro, C.A., J.E. Corredor, J.M. Morell, L. McGuinness, & L.J. Kerkhof. Monitoring Active Microorganisms in the Orinoco River Plume by TRFLP Profiling of Intact Ribosomes. *Submitted.*
- McDonnell, J., R. Golan-Duncan, J. Ammerman, S. Lichtenwalner, L. Dunbar, & C. Fraser. Using the COOL Classroom to Investigate How the Hudson River Watershed Impacts the Ocean. *Submitted.*

PUBLICATIONS AND PRESENTATIONS

- Ferraro, C., J.D. McDonnell, R. Golan Duncan, C.S. Lichtenwalner, & R. Lathrop. Developing Online Instructional Tools. COSEE China Planning Meeting, Beijing, China, March 8-12, 2010. Poster
- Ferraro, C., J.D. McDonnell, R. Golan Duncan, C.S. Lichtenwalner, & R. Lathrop. Developing Online Ocean Science Instructional Materials for Classroom Use: Lessons from the COOL Classroom. Ocean Sciences Meeting 2010, Portland, Oregon USA, January 22-26, 2010. Poster
- Ferraro, C.A., S.L. McCallister, M. Gonsior, B. Koch, W.J. Cooper, J.E. Corredor, J.M. Morell, L. McGuinness, & L.J. Kerkhof. Patterns in Active Microbes under Dynamic Conditions. Aquatic Sciences Meeting 2009, Nice, France, January 25-30, 2009. Invited talk
- Fraser, C.A., J.E. Corredor, J.M. Morell, L. McGuinness, & L.J. Kerkhof. Active Microbes in the Orinoco River Plume. Ocean Sciences Meeting 2008, Orlando, Florida USA, March 3-7, 2008. Poster
- Fraser, C.A., R. Golan Duncan, & J. McDonnell. Partnership in Action. COSEE session at the Association for Science Teacher Education International Conference 2008, St. Louis, Missouri USA, January 10-13, 2008. Talk
- Fraser, C.A., B. Saks, Y-B. Ahn, L. J. Kerkhof, A. Siegl, U. Hentschel, M. M. Häggblom. Reductive Debrominating Microorganisms Associated with Organohalide-Containing Marine Sponges. American Society for Microbiology General Meeting 2006, Orlando, Florida USA, May 21-25, 2006. Poster