

## JULIE LAMBERT

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Office: College of Education, ED315, 777 Glades Road, Boca Raton, FL 33431 (561) 297-0082  
Email: julielambert@att.net

### EDUCATION

Stetson University	Finance and Marketing	B.B.A., 1983
Old Dominion University	Biological Oceanography	M.S., 1995
Florida State University	Science Education	Ph.D., 2001
University of Miami	Postdoctoral Research Associate	2001–2003

### APPOINTMENTS

**Assistant Professor of Science Education** – College of Education, Florida Atlantic University, Boca Raton, FL, 2003 – present.

**Postdoctoral Research Associate** – School of Education, University of Miami, Miami, FL, 2001 – 2003. Project: Instructional Intervention to Promote Science and Literacy for Linguistically Diverse Elementary Students. (Okhee Lee, P.I.). National Science Foundation, US Department of Education, and National Institute of Health, Interagency Education Research Initiative Program. (NSF Grant REC-0089231).

**Graduate Assistant** – Florida State University, Tallahassee, FL, 1997-2001.  
Taught Advanced Topics in Secondary Science Education and Practicum, supervised student interns, and developed an interactive computer activity and laboratories for *EcoVentures: Focus on the Gulf* (CD-ROM) and assisted with the development of *Burning Issues* (CD-ROM).

**Earth Science, Biology, and Oceanography Teacher** –

- Chesterfield County, VA, Academic years 1989-1993 and 1995-1997.
- Louisa County, VA. Academic years 1987-1989.

### PUBLICATIONS

Alexander, L, Brylske, A., **Lambert, J.**, Menzel, T., Shreeves, K., Watts, J., & Wohlers, B. (2005). Life on an Ocean Planet. Rancho Santa Margarta, CA: Current Publishing Corp.

**Lambert, J.** (in press). High School Marine Science and Scientific Literacy: The Promise of an Integrated Science Course. *International Journal of Science Education*.

**Lambert, J.** (2001). A quantitative and qualitative analysis of the impact of high school marine science curricula and instructional strategies on science literacy of students. Dissertation. Tallahassee, FL: Florida State University.

Lester, B., Mahotiere, M., **Lambert, J.** & Luykx, A. (in press). What Is A Star Anyway? Connecting Culturally Congruent Science Education. *TESOL Sunshine State Journal*

Lester, B. T., Li M., Lee, O., & **Lambert, J.** (in press). Social Activism in Elementary Science Education: An STS Approach to Teach Global Warming. *International Journal of Science Education*

Luykx, A. Cuevas, P., **Lambert, J.**, & Lee, O. (2005). Unpacking teachers' resistance to integrating students' language and culture into elementary science instruction. In A. Rodríguez & R. S. Kitchen (Eds.), *Preparing prospective mathematics and science teachers to teach for diversity: Promising strategies for transformative action*. Mahwah, N.J.: Lawrence Erlbaum & Associates.

#### **Referred Journal Articles Under Review –**

**Lambert, J.** Students' Conceptual Understandings of Science After Participating in a High School Marine Science Course. *Journal of Geoscience Education*.

**Lambert, J.**, Lester, B., Lee, O., & Luykx, A. Changing Teachers' Beliefs about Science and Student Diversity through an Inquiry-based Earth Systems Curricular and Professional Development Intervention. *Journal of Science Teacher Education*.

#### **CONFERENCE PROCEEDING**

**Lambert, J.** (2003). A quantitative and qualitative analysis of the impact of high school marine science curricula and instructional strategies on science literacy of students, Proceedings from the AGU Ocean Sciences Meeting, Honolulu, February 11-15, 2002.

#### **FUNDED RESEARCH**

2002–2005      **Co-Principal Investigator** - Florida Center for Ocean Science Education Excellence. (University of South Florida, St. Petersburg, FL and Florida Agricultural and Mechanical University, Tallahassee, FL). National Science Foundation. (\$1.2 million).

1999–2000      **Dissertation Research** - A quantitative and qualitative analysis of the impact of high school marine science curricula and instructional strategies on science literacy of students. Florida Sea Grant. (\$15,000)

1998–1999      **Curriculum Development** - Module on plate tectonics for undergraduate integrated science course. University of South Florida. (\$4000)

#### **SYNERGISTIS ACTIVITIES**

2002              Curriculum and Instructional Development of Earth Systems Science Course  
University of Miami, FL.

#### **COLLABORATIONS AND OTHER AFFILIATIONS**

Penny Gilmer, Ph.D., Florida State University, Graduate Advisor

Okhee Lee, Ph.D., University of Miami, Postdoctoral Sponsor

Nancy Marcus, Ph.D. Florida State University, PI for Florida Sea Grant funding of dissertation research.