

## CURRICULUM VITAE

### Paula G. Coble

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### EDUCATION

1973 B.A.: Mount Holyoke College, Biology and Geology  
1977 M.S.: University of Delaware, Marine Science  
1990 Ph.D.: MIT/Woods Hole Oceanographic Institution Joint Program in Oceanography

### EMPLOYMENT

2012-pres Professor, Dept. of Marine Science, University of South Florida, St. Petersburg, FL  
1998-2011 Associate Professor, Dept. of Marine Science, University of South Florida, St. Petersburg, FL  
October 2011 Visiting Professor, Laboratoire de Microbiologie Géochimie et Ecologie Marines (LMGEM), Centre d'Océanologie de Marseille, Université de la Méditerranée. FRANCE  
2004-2005 Program Scientist, Earth-Sun System Division Education, Science Mission Directorate, NASA Headquarters, Washington, DC  
1992-1998: Assistant Professor, Dept. of Marine Science, University of South Florida, St. Petersburg, FL  
1991-1992 Research Associate, School of Oceanography, University of Washington  
1989-1991 Postdoctoral Research Associate School of Oceanography, University of Washington  
1983-1989 Graduate Research Assistant, Woods Hole Oceanographic Institution  
1976-1983 Research Associate, Bigelow Laboratory for Ocean Sciences, West Boothbay Harbor, Maine  
  
1995-2003 Founder and Executive Producer, Project Oceanography  
2002-2003 Founding Director, COSEE Florida (Center for Ocean Sciences Education Excellence)

### PRODUCTS: FIVE RELEVANT PUBLICATIONS

**Coble, P.G.** 1996. Characterization of marine and terrestrial DOM in seawater using excitation-emission matrix spectroscopy. *Mar. Chem.* 51: 325-346.

Del Castillo, C.E., **P.G. Coble**, R.N. Conmy, F.E. Muller-Karger, L. Vanderbloemen, and G.A. Vargo. 2001. Multispectral *In-situ* Measurements of Organic Matter and Chlorophyll Fluorescence in Seawater: Documenting the Intrusion of the Mississippi River Plume in the West Florida Shelf. *Limnol. Oceanogr.* 46: 1836-43.

**Coble, P.G.**, S. Green, R.B. Gagosian, and N. Blough. 1990. Characterization of dissolved organic matter in the Black Sea by fluorescence spectroscopy. *Nature* 348: 432-435.

**Coble, P.G.**, C. Del Castillo, and B. Avril. 1998. Distribution and optical properties of CDOM in the Arabian Sea During the 1995 summer monsoon. *Deep Sea Res.* 45: 2195-2223.

Coble, P.G. 2007. Marine Optical Biogeochemistry – The Chemistry of Ocean Color. *Chem. Rev.* 107(2): 402-418.

### PRODUCTS: FIVE ADDITIONAL SIGNIFICANT RESEARCH PUBLICATIONS

Del Castillo, C.E., F. Gilbes, **P.G. Coble**, and F.E. Muller-Karger. 2000. On dispersal of riverine colored dissolved organic matter over the West Florida Shelf. *Limnol. Oceanogr.* 45: 1425-1432.

Conmy, R.N., **P.G. Coble**, R.F. Chen, G.B. Gardner. 2004. Optical properties of colored dissolved organic matter in the Northern Gulf of Mexico. *Mar. Chem.* 89: 127-144.

Chen, R.F., P. Bissett, **P. Coble**, R. Conmy, G.B. Gardner, M.A. Moran, X. Wang, M.L. Wells, P. Whelan, R.G. Zepp. 2004. Chromophoric dissolved organic matter (CDOM) source characterization in the Louisiana Bight. *Mar. Chem.* 89: 257-272.

Milbrandt, E.C., **P.G. Coble**, R.N. Conmy, A.J. Martignette, and J. Siwicke. 2010. Chromophoric dissolved organic matter production in shallow, subtropical estuaries and export to the eastern Gulf of Mexico. *Limnol. Oceanogr.* 55: 2037-2051.

Coble, P.G. 2007. Marine Optical Biogeochemistry – The Chemistry of Ocean Color. *Chem. Rev.* 107(2): 402-418.

### **SYNERGYSTIC ACTIVITIES**

Founder and Executive Producer, Project Oceanography –<http://www.marine.usf.edu/pjocean>

Founding Director, COSEE Florida (Center for Ocean Sciences Education Excellence)

Assoc. Editor: *Marine Chemistry* (1997-2004)

AGU: Secretary, OS Marine Geochemistry, 2000-4; Ewing Medal Committee 2006-10, Chair, 2008-10

OOI Program Advisory Committee, 2006-present, Chair 2011-2

### **COLLABORATORS IN THE PAST FOUR YEARS**

- **Collaborators and Co-Editors.** S. Alin (NOAA), A. Baker (UNSW, AU), H. Benway (WHOI), T. Bianchi (TAMU), R. Chen (UMass Boston), R. Conmy (EPA), K. Dixon (Mote Marine Lab), P. Griffith (NASA), J. Mathis ( AK Fairbanks), E. Millbrandt (SCCF), N. Nelson (UCSB), C. Osburn (NCSU), D. Reynolds (UWE, UK), L. Robbins (USGS), R. Spencer (UC Davis), C. Stedmon (NERI, DK), WetLabs (C. Moore, A. Barnard, C. Koch, M. Twardowski), M. Wood (AOML/NOAA)
- **Graduate and Post-graduate Advisors**  
M.S. Thesis Advisor: Jonathan Sharp (U Del.); Ph.D. Thesis Advisor: Robert Gagosian (Consortium for Ocean Leadership); Postdoctoral Advisors: John Hedges (deceased) and Mary Jane Perry (UMaine)
- **Thesis advisor and Postdoctoral Supervisor**  
Postdoctoral Research Associates (4) (R. Conmy, C. Del Castillo, A. Timperman, J. Boehme), Ph.D. students (6) (C. Del Castillo, J. Boehme, R. Conmy, Lore Ayoub, Kellie Dixon, Mary Abercrombie), and MS students (4) (M. Swaine, R. Conmy, A. Stovall-Leonard, A. Arellano). Committee member for an additional 19 Ph.D. and 5 MS committees.