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EDUCATION**Ph.D., Marine, Earth and Atmospheric Sciences**, North Carolina State University, 1998**M.S., Biological Oceanography**, University of North Carolina at Wilmington, 1992**B.S., Biology**, College of Charleston, 1990**RESEARCH, EXTENSION, AND ADMINISTRATIVE EXPERIENCE****Director of Undergraduate Programs and Teaching Professor**, Marine, Earth and Atmospheric Sciences, NCSU, 2021-present.**Director of Undergraduate Programs and Associate Research Professor**, Marine, Earth and Atmospheric Sciences, NCSU, 2008-2014; 2017-2021.**Assistant Dean for Academic Affairs and Associate Research Professor**, College of Sciences, NCSU, 2015-2016.**Special Assistant to the Associate Dean for Academic Affairs and Associate Research Professor**, College of Sciences, NCSU, 2014.**Director**, Center for Ocean Sciences Education Excellence-Southeast, 2012-2015.**Director of Undergraduate Programs and Assistant Research Professor**, Marine, Earth and Atmospheric Sciences, NCSU, 2006-2008.**Sponsored Program Development Director and Assistant Research Professor**, Marine, Earth and Atmospheric Sciences, NCSU, 2003-2006.**Co-Director and Academic Coordinator**, Women in Science & Engineering Living and Learning Community, NCSU, 2003.**Research Specialist**, Center for Ocean Sciences Education Excellence-Southeast, 2002-2012.**Interim Director of Undergraduate Programs**, Marine, Earth and Atmospheric Sciences, NCSU, 2001-2002.**Coordinator**, NC Ocean Science Bowl, 1999-2003.**Post-doctoral Research Associate**, North Carolina State University, 1998-2000.**Research Assistant**, North Carolina State University, 1993-1998.**Internship**, Consortium for Oceanographic Research and Education, 1996.**Research Technician**, University of North Carolina at Wilmington, 1993.**Research Assistant**, University of North Carolina at Wilmington, 1990-1992.**COURSES DEVELOPED AND TAUGHT**

NC State University, 1999- present. Introductory oceanography, Earth systems science, marine biology, marine resource ecology, water resources, natural hazards, chemical oceanography, research and professional development seminar, new freshmen orientation course, units for

undergraduate/graduate level field training course, master's level special topics course in coastal processes.

St. Augustine's College, Raleigh, NC, 1999. Instrumental analysis lecture and laboratory.

Coastal Carolina Community College, Jacksonville, NC, 1993. Introductory biology lecture and laboratory.

FUNDING HISTORY

Developing the Next Generation of Female Environmentalists. PIs: Lewis Owen, Paul Li, Carrie Thomas, Roberto Mera, Helena Mitsova, Carli Arendt, Jenny Dissen, and Kate Davis; 9/30/22-12/31/24; US Department of State; \$499,827.

COSEE-SE: Addressing New Challenges. PIs: Carrie Thomas, Lundie Spence, Rick DeVoe and Tim Callahan; 10/1/10-9/30/15; NSF; \$1,049,990.

Building Bridges: Collaboration for Broadening Participation in Ocean Sciences. PIs: Carrie Thomas, Lundie Spence, Elizabeth Vernon Bell and Angela Bliss; 5/1/10-4/30/11; NSF; \$39,991.

COSEE SE Support for the Scientist Engagement Working Group. PI: Carrie Thomas; 10/1/09-9/30/11; University of Southern Mississippi (NSF-subaward); \$18,500.

Benthic Dinoflagellate Migration: Occurrence and Processes. PIs: Daniel Kamykowski, John Morrison, Carrie Thomas and Gerald Janowitz; 8/01/07-7/31/11; NSF; \$560,000.

Collaborative Research: Benthic Faunal Feeding Dynamics on the Antarctic Shelf and the Effects of Global Climate Change on Benthic-Pelagic Coupling. PIs: David DeMaster and Carrie Thomas; 7/1/07-6/30/11; NSF; \$602,604 (Collaborative total: \$1,049,739).

Southeast Center for Ocean Science Education Excellence- Research Support. PI: Carrie Thomas; 9/01/05-8/31/10; SC SeaGrant (NSF-subaward); \$150,088.

Integrating Active Learning into the Geosciences; PIs: Carrie Thomas, John Fountain, Edward Stoddard, Donna Wolcott; 01/01/05-06/30/05; NCSU: Learning in a Technology-Rich Environment; \$4150.

Collaborative Research: Enhancing Diversity in Geosciences in North Carolina. PIs: John Fountain, Carrie Thomas, Fredrick Semazzi, William Showers, David Haase; 8/15/03-6/30/07; NSF; \$459,591 (Collaborative total: \$909,579).

Settlement on a New Artificial Reef at AR-330. PI: Carrie Thomas; 6/1/03-12/31/04; NC SeaGrant Mini Grant; \$4996.

Collaborative Research: NCSU/NC A&T Program for STEM Enrollment Enhancement. PIs: John Fountain, Carrie Thomas, Robert Borden, David Haase, Joel Ducoste, Christine Grant,

Christopher Gould, Jesus Rodriguez, William Switzer; 1/1/03-12/31/06; NSF; \$350,016 (Collaborative total: \$568,767).

Southeast Center for Ocean Science Education Excellence- Research Support. PI: Carrie Thomas; 9/01/02-8/31/05; SC SeaGrant (NSF-subaward); \$59,741.

GRADUATE STUDENTS

Mark McClintic (Committee, M.S. 2002)	Alyssa Hopkins (Advisor, M.S. 2011)
Brett Purinton (Co-advisor, M.S. 2005)	Richard Taylor (Committee, M.S. 2015)
Mary Radlinski (Committee, M.S. 2009)	Rebecca Pirtle-Levy (Advisor, Ph.D. 2016)
Kim Null (Committee, Ph.D. 2010)	Joyce Smith (Committee, PhD student)
Brian Pointer (Committee, M.S. student)	

PUBLICATIONS

DeMaster, D. J., R.S. Taylor, C.R. Smith, E. Isla, and **C.J. Thomas**. 2021. Using radiocarbon to assess the abundance, distribution, and nature of labile organic carbon in marine sediments. *Global Biogeochemical Cycles*, 35(6), e06676.

Taylor, R. S., D. J. DeMaster, C. R. Smith, and **C. J. Thomas**. 2020. Evaluating the effects of regional climate trends along the West Antarctic Peninsula shelf based on the seabed distribution of naturally occurring radioisotopic tracers. *Marine Geology* 429:106315.

Spence, L and **C. Thomas**. 2013. Science and Technology Centers Deliver New Oceanographic Concepts to Educators. *Current: Journal of Marine Science Education* 28:2-4.

McCulloch, A., D. Kamykowski, J. Morrison, **C. Thomas**, K. Grabowski-Pridgen. 2013. Phytoplankton community composition across the northwest Florida shelf during July 2009. *Continental Shelf Research* 63:94-111.

Kamykowski, D., Grabowski, K., Morrison, J., McCulloch, A., Nyadjro, E., **Thomas, C.**, and Sinclair, G. 2013. Cold front induced changes on the Florida panhandle shelf during October 2008. *Continental Shelf Research* 54:52-66.

Smith, C.R., D. DeMaster, **C. Thomas**, P. Srsen, L. Grange, and F.DeLeo. 2012. Pelagic-benthic Coupling, Food Banks and Climate Change on the West Antarctic Peninsula Shelf. *Oceanography* 25:188-201.

Thomas, C. and L. Spence. 2012. Building Bridges: Proceedings from the Invitational Working Conference on Building Diversity in the Ocean Sciences. <http://www.cosee-se.org/files/southeast/ProceedingsDocument.pdf>

Null, K., Corbett, D., DeMaster, D., Burkholder, J. and **Thomas, C.** and Reid, R. 2011.

Porewater advection of ammonium into the Neuse River Estuary, North Carolina, USA. *Estuarine, Coastal and Shelf Science* 95:314-325

Spence, L., **C. Thomas**, J. Kim, D. Mewborn, T. Pearsall. 2009. Results of a Survey on Diversity in Ocean Sciences Workforce in Federal and State Agencies and in Institutions of Higher Education In North Carolina, South Carolina and Georgia. Available at <http://www.cosee-se.org/files/diversity/COSEE%20Broadening%20Participation%20%2012-15-09.pdf>

Hartnett, H., Boehme, S., **Thomas, C.**, DeMaster, D., and Smith, C. 2008. Benthic oxygen fluxes and denitrification rates from high-resolution porewater profiles from the Western Antarctic Peninsula continental shelf. *Deep Sea Research Part II: Topical Studies in Oceanography* 55:2415-2424

McClintic, M., DeMaster, D., **Thomas, C.**, and Smith, C. 2008. Testing the FOODBANCS hypothesis: Seasonal variations in near-bottom particle flux, bioturbation intensity, and deposit feeding based on ^{234}Th measurements, *Deep Sea Research Part II: Topical Studies in Oceanography* 55:2425-2437

Purinton, B., DeMaster, D., **Thomas, C.**, and Smith, C. 2008. ^{14}C as a tracer of labile organic matter in Antarctic benthic food webs, *Deep Sea Research Part II: Topical Studies in Oceanography* 55:2438-2450

Gallinari, M., Ragueneau, O., DeMaster, D., Hartnett, H., Rickert, D., **Thomas, C.** 2008. Influence of seasonal phytodetritus deposition on biogenic silica dissolution in marine sediments--Potential effects on preservation, *Deep Sea Research Part II: Topical Studies in Oceanography*, Volume 55, Pages 2451-2464

Titus-Becker, K., S. Rajala, L. Bottomley, D. Raubenheimer, J. Cohen, K. Bullett, S. Grant, F. Cobb Payton, B. Kirby, A. Kirkman, W. Krause, and **C. Thomas**. 2007. An Integrated Living and Learning Community for First and Second Year Undergraduate Women in Science & Engineering. Proceedings from American Society for Engineering Education 2007 Annual Conference and Exposition. <http://www.asee.org/acPapers/>

Spence, L.L., B.A. Schaeffer, **C.J. Thomas**, T.K. Hathaway, and M. Olsen. 2006. Coastal Ocean Observing Technology Transfer to Educators. *Marine Technology Society Journal* 39:20-24.

Spence, L.L. and **C.J. Thomas**. 2004. The Ocean Sciences and Education in *Proceedings of the Conference on K-12 Outreach from University Science Departments: 2004*. Haase, D.G. and S.K. Schulze (eds.) The Science House, North Carolina State University. pp. 24-30.

S.A. Rajala, L.J. Bottomley, E.A. Parry, J.D. Cohen, S.C. Grant, **C.J. Thomas**, T.M. Doxey, G. Perez, R.E. Collins, and J.E. Spurlin. 2004. The North Carolina State University Women in Science and Engineering Program: A Community for Living and Learning. Proceedings from

American Society for Engineering Education 2004 Annual Conference and Exposition.
http://www.asee.org/acPapers/2004-633_Final.pdf

Thomas, C.J. and N.E. Blair. 2002. Transport and digestive alteration of uniformly ^{13}C -labeled diatoms in mudflat sediments. *Journal of Marine Research* 60:517-535.

Thomas, C.J., N.E. Blair, M.J. Alperin, D.J. DeMaster, R.A. Jahnke, C.S. Martens, and L. Mayer. 2002. Organic carbon deposition on the North Carolina continental slope off Cape Hatteras (USA). *Deep-Sea Research II* 49:4687-4709.

DeMaster, D.J., **C.J. Thomas**, N.E. Blair, W.L. Fornes, G. Plaia, and L.A. Levin. 2002. Deposition of Bomb ^{14}C in continental slope sediments of the mid-Atlantic Bight: Assessing organic matter sources and burial rates. *Deep-Sea Research II* 49:4667-4685.

Blair, N., L. Levin, D. DeMaster, G. Plaia, C. Martin, W. Fornes, **C. Thomas**, and R. Pope. 2001. The biogeochemistry of carbon in continental slope sediments. *Organism-Sediment Interactions*, University of South Carolina Press.

Levin, L., N. Blair, C. Martin, D. DeMaster, G. Plaia, and **C. Thomas**. 1999. Macrofaunal processing of phytodetritus at two sites on the Carolina margin: *In situ* experiments using ^{13}C -labeled diatoms. *Marine Ecology Progress Series* 182:37-54.

Levin, L., N. Blair, D. DeMaster, G. Plaia, W. Fornes, C. Martin and **C. Thomas**. 1997. Rapid subduction of organic matter by maldanid polychaetes on the North Carolina slope. *Journal of Marine Research* 55:1-17.

Cahoon, L.B., R.A. Laws and **C.J. Thomas**. 1994. Viable diatoms and chlorophyll *a* in continental slope sediments off Cape Hatteras, North Carolina. *Deep-Sea Research* 41:767-782.

Cahoon, L.B., G.R. Beretich, Jr., **C.J. Thomas** and A.M. McDonald. 1993. Benthic microalgal production at Stellwagon Bank, Massachusetts Bay, USA. *Marine Ecology Progress Series* 102:179-185.

Thomas, C.J. and L.B. Cahoon. 1993. Stable isotope analyses differentiate between different trophic pathways supporting rocky-reef fishes. *Marine Ecology Progress Series* 95:19-24.

Harvey, H.R., L.B. Cahoon and **C.J. Thomas**. 1993. Sediment chlorophyll *a*, viable diatoms, and lipids. Chapter 4 (pp21-29) in Diaz, R., J. Blake and D. Lohse (eds) *Benthic studies of the continental slope off Cape Hatteras, North Carolina. Volume II, Final Report to Minerals Management Service, Herndon VA.*

EDUCATIONAL MATERIALS

Bliss, A., Bell, E. V., Spence, L., and Thomas, C., 2012, Guide to the elementary basic

observation buoy (eBOB): <http://secoora.org/classroom/>.

Oceanographic posters for distribution to middle school classrooms by Sea Grant:

Making waves: http://seacoos.org/Community%20and%20Classroom/WavesClassroom/seacoos_wave_poster.pdf

Flowing ocean: <http://seacoos.org/Community%20and%20Classroom/currents-classroom/flowing-ocean-poster.pdf>

ABSTRACTS

Thomas, C.J., P. Van Dyk, A.C. Bliss, E.V. Bell, and T.K. Hathaway. Researcher-Educator Exchange Forum (REEF): A results-driven Model for Improving the Broader Impact of Ocean Sciences Research. Ocean Sciences Meeting. Honolulu, HI. February 2014.

DeMaster, D.J., C.R. Smith, E.J. Isla, C.J. Thomas, and R. Taylor. Tracking Climate Change Effects on the Antarctic Peninsula Shelf: A Radiochemical and Biogeochemical Approach. Ocean Sciences Meeting. Honolulu, HI. February 2014.

Hathaway, T.K., C.J. Thomas, E.V. Bell, A.C. Bliss, and L.L. Spence. Researcher-Educator Exchange Forum: Engaging Early-Career Scientists with Classroom Teachers, Informal Educators, and Informal Science Education Facilities. Ocean Sciences Meeting. Honolulu, HI. February 2014.

Bliss, A.C., E.V. Bell, C.J. Thomas, L.L. Spence, and T.K. Hathaway. Using Elementary Basic Observation Buoys (eBOBs) and Remotely Operated Vehicles for Elementary Students (REVs) to Spark 3rd-5th Grade Interest in STEM. Ocean Sciences Meeting. Honolulu, HI. February 2014.

Bell, E.V., C.J. Thomas, B.A. Weiss, and A.C. Bliss. The South Carolina Amazing Coast Program: Using Ocean Science Concepts to Address Next Generation Science Standards in the 3rd – 5th Grade Classroom. Ocean Sciences Meeting. Honolulu, HI. February 2014.

Bell, E.V., C.J. Thomas, B.A. Weiss, A.C. Bliss, and L.L. Spence. The South Carolina Amazing Coast Program: Using Ocean Science Concepts to Address Next Generation Science Standards in the 3rd – 5th Grade Classroom. American Geophysical Union Fall Meeting. San Francisco, CA. December 2013.

Campbell, L. E., C.J. Thomas and L. Spence. Using Partnerships to Increase Diversity in the Ocean Science Workforce: NC OPT-ED and COSEE SE. 2012 Ocean Sciences Meeting. Salt Lake City, UT. February 2012.

Pirtle-Levy, R., C. Thomas, L. Belicka, R. Jaffe, and D. DeMaster. Using Lipid Biomarkers to Understand the Trophic Ecology of Antarctic Benthic Megafauna. 2012 Ocean Sciences Meeting. Salt Lake City, UT. February 2012.

DeMaster, D., C. Smith, and C. Thomas. Trends in Biogeochemical Tracers along a Climate Sensitive Transect on the West Antarctic Peninsula Shelf: Results from FOODBANCS-2. 2012 Ocean Sciences Meeting. Salt Lake City, UT. February 2012.

DeMaster, D. J., Smith, C. R., Thomas, C. J., Pointer, B. H., Evrard, V., FOODBANCS-2: Biogeochemical distributions and ecological processes along a N/S transect on the Western Antarctic Peninsula Shelf. 2011 Ocean Sciences Meeting. San Juan, Puerto Rico. February 2011.

Pirtle-Levy, R., Thomas, C. J., Belicka, L. L., Jaffe, R., DeMaster, D. J., Trophic ecology of Antarctic benthic megafauna: A lipid biomarker approach. 2011 Ocean Sciences Meeting. San Juan, Puerto Rico. February 2011.

Thomas, C., DeMaster, D., Pirtle-Levy, R., Null, K., Hopkins, A., Smith, C., FOODBANCS-2: Seabed fluxes along a N/S transect on the Western Antarctic Peninsula Shelf. 2011 Ocean Sciences Meeting. San Juan, Puerto Rico. February 2011.

Evard, V., P. Srsen, C. R. Smith, C. Thomas, and D. J. DeMaster . Variations in benthic community structure along a strong latitudinal sea-ice gradient on the West Antarctic Peninsula Shelf: Predicting effects of climate warming. XXXI SCAR and Open Science Conference. Buenos Aires, Argentina. August 2010.

Bell, E.V., C. Thomas, L. Spence, T. Hathaway, and A. Bliss. Improving Ocean Literacy by Engaging Informal Science Education Facilities with COSEE SE Partnerships. Ocean Sciences Meeting, Portland OR, February, 2010.

DeMaster, D.J., C.R. Smith and C.J.Thomas. Evidence for a Benthic Food Bank in West Antarctic Peninsula Sediments: Radiochemical and Benthic Biological Approaches, Society for Integrative & Comparative Biology, Seattle, WA, January 2010.

Null, K. A., J.M. Burkholder, D.J. DeMaster, D.R. Corbett, C.J. Thomas, and R.E. Reed. Ammonium Fluxes from Channel Deposits in the Neuse River Estuary, North Carolina, USA: Implications for Ammonium Increase in Estuarine Waters. ASLO Aquatic Sciences meeting, Nice, France, January 2009.

Pointer, B. H., D.J. DeMaster, C.J. Thomas, and C.R. Smith. Exploring Benthic-Pelagic Coupling Along the Continental Shelf of the Western Antarctic Peninsula using the Radiogenic Tracer ²³⁴Th: Initial Results. ASLO Aquatic Sciences meeting, Nice, France, January 2009.

Thomas, C. and L. Spence. 2008. Helping Teachers Bring Ocean Sciences into the Science Classroom: The Role of the Centers for Ocean Science Education Excellence (COSEE) (Panel and discussion), Association of Science Teacher Educators, St. Louis, MO, January 12, 2008.

Null, K., J. Burkholder, D. DeMaster, R. Corbett, C. Thomas, R. Reed. Seasonal Dynamics of Groundwater and Benthic Nitrogen Flux in the Neuse River Estuary, North Carolina. 2007. WRRRI Annual Conference, Raleigh, NC, March 27-28, 2007.

Fountain, John C., Thomas, Carrie J., and Smith, Mike C. 2004. Combining Lectures and Laboratory to Enhance Inquiry-Based Learning: A Major Component of a Comprehensive Recruitment and Retention Strategy. Geological Society of America Abstracts with Programs, Vol. 36, No. 5, p. 353.

Thomas, C.J., J.C. Fountain, C.B. Bartek and G. Tang. 2004. A Collaborative Effort to Increase Enrollment and Retention in Geoscience Majors in North Carolina, *Eos Trans. AGU*, 85(47), Fall Meet. Suppl., Abstract ED22A-06.

DeMaster, D.J., C.R. Smith, C.J. Thomas, and B.L. Purinton. 2004. Radiocarbon Measurements of Benthic Fauna as Indicators of Benthic-Pelagic Coupling and Feeding Strategy. *Eos Trans. AGU*, 84(52), Ocean Sci. Meet. Suppl., Abstract OS52H-08.

Spence, L.L., C.J. Thomas, J.J. Clair, and M. Olsen. 2004. Strategies for Connecting Ocean Scientists to Educators. ASLO/TOS Ocean Research Conference, Honolulu, HI, February 15-20.

Mincks, S.L., C.R. Smith, D.J. DeMaster, and C.J. Thomas. 2004. Microbial Response to Seasonal Phytodetritus Deposition on the West Antarctic Peninsula Continental Shelf: A Cold-limitation Hypothesis. ASLO/TOS Ocean Research Conference, Honolulu, HI, February 15-20.

Thomas, C.J., D.J. DeMaster, S.E. Boehme, H.E. Hartnett, and C. Smith. 2004. Benthic fluxes and carbon diagenesis in the Palmer Long Term Ecological Research Area. ASLO/TOS Ocean Research Conference, Honolulu, HI, February 15-20.

H.E. Hartnett, S.E. Boehme, C.J. Thomas, D.J. DeMaster, and C.R. Smith. 2004. Seasonal and annual denitrification rates in Antarctic Peninsula shelf sediments. ASLO/TOS Ocean Research Conference, Honolulu, HI, February 15-20.

D.J. DeMaster, C.J. Thomas, M.A. McClintic, and C.R. Smith. 2004. Radiochemical measurements from FOODBANCS: Examining carbon cycling and benthic-pelagic coupling on the Antarctic continental shelf. ASLO/TOS Ocean Research Conference, Honolulu, HI, February 15-20.

Spence, L.L. and C.J. Thomas. 2003. The Southeastern Center for Ocean Sciences Education Excellence. National Marine Educators Association, Wilmington, NC, July 23, 2003.

Spence, L.L. and C.J. Thomas. 2003. Southeast Center for Ocean Sciences Education Excellence: Building Connections Between Ocean Scientists and Educators Through Partnerships. Oceans 2003, San Diego, CA, September 24, 2003.

Thomas, C.J., N.E. Blair, D.J. DeMaster, R.A. Jahnke, C.S. Martens and L. Pietrefesa. 2001. A benthic carbon budget for the continental slope off Cape Hatteras, N.C. ASLO Aquatic Sciences Meeting, Albuquerque.

McClintic, M.A., D.J. DeMaster, C.J. Thomas, and C.R. Smith. 2001. Coupling of pelagic and benthic fluxes on the continental shelf of the west Antarctic Peninsula. Aquatic Sciences Meeting, Albuquerque.

Hartnett, H.E., S.E. Boehme, and C.J. Thomas. 2001. Nitrogen, oxygen and nutrient fluxes in continental shelf sediments from the western Antarctic peninsula. Aquatic Sciences Meeting, Albuquerque.

DeMaster, D.J., N.E. Blair, C.R. Smith, W.L. Fornes, C.J. Thomas, and G. Plaia. 2001. Deposition of bomb C-14 in continental slope sediments: use of radiocarbon in understanding benthic food web dynamics. Aquatic Sciences Meeting, Albuquerque.

Blair, N., L. Levin, D. DeMaster, G. Plaia, C. Martin, C. Thomas, and W. Fornes. 2001. Fate of phytodetritus in continental slope sediments. ACS National Meeting, San Diego.

C.J. Thomas. 1999. Individual deposit-feeder and community level controls on organic matter diagenesis in marine benthic communities. DISCO. Honolulu, HI.

C.J. Thomas and N.E. Blair. 1998. Observations of Organic Matter Transport in Marine Sediments and Coincident Geochemical Alterations. Organism-Sediment Interactions Symposium. Georgetown, SC.

Thomas, C.J. and N.E. Blair. 1998. A comparison of organic matter transport and decay in sediments from coastal and slope sediments using ^{13}C labeled diatoms. ASLO Ocean Sciences Meeting, San Diego.

Blair, N.E., C.J. Thomas, D.J. DeMaster and R.H. Pope. 1998. Diagenetic processes in rapidly accumulating slope sediments. ASLO Ocean Sciences Meeting, San Diego.

Thomas, C.J. 1997. The alteration of the amino acid composition of diatoms during gut passage through deposit feeding annelids. Fall National GSA Meeting, Salt Lake City, UT.

Blair, N., L. Levin, D. DeMaster, C.J. Thomas, W. Fornes and G. Plaia. 1997. Extremely early diagenesis of phytodetritus in slope sediments. Fall National GSA Meeting, Salt Lake City, UT.

Levin, L., N. Blair, D. DeMaster, G. Plaia, C. Martin, C. Thomas and W. Fornes. 1997. Who eats how, when and where on the continental margin: C-13 tracer studies of phytodetritus fates. 25th Annual Benthic Ecology Meeting, Portland, ME.

Levin, L., C. Martin, N. Blair, D. DeMaster, G. Plaia and C. Thomas. 1997. Macrofaunal processing of phytodetritus at two sites on the NC slope: An *in situ*, time series approach. 1997 ASLO Meeting, Santa Fe, NM.

Plaia, G., N. Blair, L. Levin, D. DeMaster and C. Thomas. 1995. Carbon transport and benthic respiration in slope sediments off Cape Hatteras, NC: A comparison of field and laboratory

experiments. 1995 Benthic Ecology Meeting, Rutgers University, New Brunswick, NJ.

Cahoon, L.B., C.J. Thomas and R.A. Laws. 1994. Benthic microalgal production in continental shelf ecosystems: Coupling to other processes. South Eastern Coastal Ocean Research Meeting.

Thomas, C.J., L.B. Cahoon, D.G. Lindquist and I.E. Clavijo. 1992. Use of multiple stable isotopes to determine trophic bases supporting reef fishes. UNCW Sigma Xi Chapter Meeting.