

DANIEL C. ABEL

Curriculum vitae

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OFFICE

Dept. of Marine Science
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EDUCATION

1986 **Ph.D.**, Marine Biology, Scripps Institution of Oceanography, University of California, San Diego
1981 **M.Sc.**, Marine Biology, College of Charleston
1978 **B.Sc. (Magna Cum Laude)**, Marine Biology, College of Charleston

APPOINTMENTS

2014 - pres. **Member**, Graduate Faculty Coastal Carolina University
2011 - pres. **Professor**, Dept. of Marine Science, Coastal Carolina University
2012 - 2014 **Faculty**, Summer Semester at Sea Programs
2012 - 2014 **Adjunct Faculty**, University of Virginia, Summer Semesters
2010 **Adjunct Faculty**, University of Virginia, Spring Semester
2010 **Faculty**, Spring 2010 Semester at Sea Program
2006 - 2012 **Founding Director**, CCU Campus and Community Sustainability Initiative
2005 - 2011 **Associate Professor**, Dept. of Marine Science, Coastal Carolina University
2002 - 2005 **Assistant Professor**, Dept. of Marine Science, Coastal Carolina University
1994 - 2002 **Instructor/Sr. Instructor**, Department of Marine Science, Coastal Carolina University

1988 - 93 **Assistant Professor**, Department of Biological Sciences, Mary Washington College Fredericksburg, VA
1986 - 87 **Postdoctoral Fellow** in Marine Biomedicine, Medical University of South Carolina
1985 - 86 **Teaching Associate**, Biology Department, College of Charleston, Charleston, SC

DISTINCTIONS

2019 - 21 **Inaugural Distinguished Honors Faculty Fellow**, HTC Honors College, CCU
2013 **Harry Hampton Environmental Journalism Award**, SC Wildlife Federation
2010 **Environmentalist of Year**, Horry Environmental Action Team HEAT IS ON Award

2007 - pres. **Senior Fellow**, US Partnership for Education for Sustainable Development
2007 **Educational Leadership Award** (to CCU Sustainability Initiative), U.S. Green Building Council-SC Chapter

2006 - 2012 **Local Advisor**, Gaylord and Dorothy Donnelley Foundation
2005 **Finalist**, CCU Professor of the Year Award
2002 - 2008 **Fellow**, South Carolina Sustainable Universities Initiative
1986 - 87 **Postdoctoral Fellow**, Medical University of SC Marine Biomedicine Program
1979 - 82 **Predoctoral Fellow**, National Science Foundation

PUBLICATIONS

A. Refereed Journal Articles/Chapters (*undergraduate and graduate students in italics*)

- Pankow, C.C. C. C. Macdonald, D.S. Shiffman, J. Wester, and D. Abel.* 2021. Stable isotopic dynamics of juvenile elasmobranchs in a South Carolina nursery area. *Southeastern Naturalist*. 20: 92 – 104.
- Larsen M.E. D.C. Abel, D.P. Crane and R. D. Grubbs.* 2020. Differences in relative heart mass among deep-sea and coastal sharks with increasing depth. *Mar. Biol.* 167: 169. <https://doi.org/10.1007/s00227-020-03780-0>
- Collatos, C., Abel, D.C. and Martin, K.L.* 2020. Seasonal occurrence, relative abundance, and migratory movements of juvenile sandbar sharks, *Carcharhinus plumbeus*, in Winyah Bay, South Carolina. *Envir. Biol. Fishes* 103: 859–873.
- Larsen ME, Abel DC, Crane DP, et al.* 2019. Unique osmoregulatory morphology in primitive sharks: an intermediate state between holocephalan and derived shark secretory morphology. *J Fish Biol.* 95(5): 1331-1341.
- Martin, K., D. Abel, D. Crane, N. Hammerschlag, and E. Burge.* 2019. Blacktip shark *Carcharhinus limbatus* presence at fishing piers in South Carolina: fidelity and environmental drivers. *J. Fish Biol.* 94(3): 469 – 480.
- Keller, B., J-S Finger, S. Gruber, D. Abel, and T. Guttridge.* 2017. The effects of familiarity on the social interactions of juvenile lemon sharks, *Negaprion brevirostris*. *J. Exper. Mar. Biol. Ecol.* 489: 24-31.
- Shiffman, D. S., B. S. Frazier, J. R. Kucklick, D. Abel, J. Brandes & G. Sancho.* 2014. Feeding ecology of the sandbar shark in South Carolina estuaries revealed through $\delta^{13}C$ and $\delta^{15}N$ stable isotope analysis. *Mar. Coast. Fisheries: Dynamics, Management, and Ecosystem Science*, 6 (1): 156-169. (Selected as a featured study by the journal *Fisheries*: Sarah Harrison (2015) Diet Shifts Detected in Sandbar Sharks Using a Nonlethal Technique, *Fisheries*, 40:2, 52-52, DOI: [10.1080/03632415.2015.1003276](https://doi.org/10.1080/03632415.2015.1003276); <http://dx.doi.org/10.1080/03632415.2015.1003276>)
- Abel, D.C.** and R.L. McConnell. 2011. A visit to the True Cost Bistro. *J. Mngmt. Contr.* 22: 481-485.
- White, M.A., **D.C. Abel**, and A. Predmore. 2011. Transformative sustainability education in a shipboard living-learning community. In Leal Filho, Walter (ed.) *World Trends on Education for Sustainable Development*. Vol. 32. Peter Lang, Frankfurt.
- O'Connell, C.P., D.C. Abel, E.M. Stroud, and P.H. Rice.* 2011. Analysis of permanent magnets as elasmobranch bycatch-reduction devices in hook-and-line and experimental longline trials. *Fish. Bull.* 109: 394-401.
- O'Connell, C.P., D.C. Abel, S.H. Gruber, E.M. Stroud, and P.H. Rice.* 2011. Response of juvenile lemon sharks, *Negaprion brevirostris*, to a magnetic barrier simulating a beach net. *Ocean and Coastal Management* 54: 225-230.
- O'Connell, C.P., D.C. Abel, P.H. Rice, E.M. Stroud, and N.C. Simuro.* 2010. Responses of the southern stingray (*Dasyatis americana*) and the nurse shark (*Ginglymostoma cirratum*) to permanent magnets. *Mar. Fresh. Behav. Physiol.* 43(1): 63-73.
- Abel, D.C.**, R.F. Young, *J. A. Garwood, M. Travaline, and B.K. Yednock_2007.* Observations on the importance of salinity structure to shark populations and nurseries in two South Carolina estuaries. Pages 109-124 in *C.T. McCandless, N.E. Kohler, and H.L. Pratt, Jr. editors.* *Shark Nursery Grounds of the Gulf of Mexico and the East Coast Waters of the United States.* American Fisheries Society, Symposium 50, Bethesda, MD.
- Abel, D.C.**, W.R. Lowell, and *M. Lipke.* 1994. Elasmobranch pericardial function. 3. The pericardioperitoneal canal in the horn shark, *Heterodontus francisci*. *Fish Physiol. Biochem.* 13: 263-274.

- Abel, D.C.**, W.R. Lowell, J.B. Graham, and R. Shabetai. 1987. Elasmobranch pericardial function. 2. The influence of pericardial pressure on cardiac stroke volume in horn and blue sharks. *Fish Physiol. Biochem.* 4: 5-14.
- King, J.A.C., **D.C. Abel**, and D.R. DiBona. 1989. Effects of salinity on chloride cells in the euryhaline fish *Rivulus marmoratus*. *Cell and Tissue Res.* 257: 367-377.
- Abel, D.C.**, C.C. Koenig, and W.P. Davis. 1987. Emersion in the mangrove forest fish *Rivulus marmoratus*: a unique response to hydrogen sulfide. *Envir. Biol. Fishes* 18: 67-72.
- Abel, D.C.**, J.B. Graham, W.R. Lowell, and R. Shabetai. 1986. Elasmobranch pericardial function. 1. Pericardial pressures are not always negative. *Fish Physiol. Biochem.* 1: 75-83.
- Shabetai, R., **D.C. Abel**, J.B. Graham, V. Bhargava, R.S. Keyes, and K. Witztum. 1985. Function of the pericardium and pericardioperitoneal canal in elasmobranch fishes. *Am. J. Physiol.* H198-209.
- Abel, D.C.** 1984. Terrestriality in the cyprinodont fish *Rivulus marmoratus*: potential utility in hydrogen sulfide and other bioassays. *Bull. Envir. Contam. Toxicol.* 33: 33-39.

B. Textbooks and Textbook Chapters

- Abel, D.C.** In prep (expected early 2024). *Sharkpedia*. Princeton University Press.
- Abel, D.C.** and R.D. Grubbs. In press (expected early 2023). *The Lives of Sharks: A Natural History of Shark Life*. Princeton University Press. 288 pp
- Johnson, R., S. Gilman, and **D.C. Abel**. In press (expected early 2023). *Tooth and Claw: Top Predators of the World*. Princeton University Press. 352 pp.
- Abel, D.C.** and R.D. Grubbs. 2020. *Shark Biology and Conservation: Essentials for Educators, Students, and Enthusiasts*. Johns Hopkins University Press. 448 pp.
- McConnell, R.L. & **D.C. Abel**. 2015. *Environmental Geology Today*. Jones and Bartlett, Boston. 824 pp.
- McConnell, R.L., and **D. C. Abel**. 2013. *Environmental Issues: Looking Towards a Sustainable Future*. Pearson Prentice Hall, Upper Saddle River, N.J. (4th edition). 311 pp.
- Pinet, P.R. with **D.C. Abel**, and R. L. McConnell (contributing authors). 2012. *Elements of Oceanography*. Jones and Bartlett Publishers, Boston.
- Abel, D.C.**, and R.L. McConnell. 2010. *Environmental Oceanography: Topics and Analysis*. Jones and Bartlett Publishers, Boston.
- Abel, D.C.**, and R.L. McConnell. 2010. *Instructors' Guide for Environmental Oceanography: Topics and Analysis*. Jones and Bartlett Publishers, Boston.
- McConnell, R.L., and **D. C. Abel**. 2008. *Environmental Issues: An Introduction to Sustainability* (3rd ed.). Pearson Prentice Hall, Upper Saddle River, N.J. (4th edition in press - forthcoming in December 2012).
- McConnell, R.L., and D.C. Abel. 2008. Instructors' Guide for Environmental Issues: An Introduction to Sustainability (3rd ed.). Pearson Prentice Hall, Upper Saddle River, N.J.**
- Abel, D.C.**, and R.L. McConnell. 2002. *Environmental Issues in Oceanography*. Prentice Hall, Upper Saddle River, N.J.
- McConnell, R. L. and **D.C. Abel**. 2002. *Environmental Issues: Measuring, Analyzing, and Evaluating* (2nd ed.) Prentice Hall, Upper Saddle River, N.J. (Selected as "Earthworks Environmental Science Book of the Month April, 1998")
- McConnell, R.L. and **D.C. Abel**. 2002. *Instructor's Guide for Environmental Issues: Measuring, Analyzing, and Evaluating*. Prentice Hall, Upper Saddle River, N.J.
- Abel, D.C.**, R.L. McConnell, and E. Koepfler. 2001. *Issues in Oceanography*. Prentice Hall, Upper Saddle River, N.J.
- Abel, D.C.**, R.L. McConnell, and E. Koepfler. 2001. *Instructor's Manual: Issues in Oceanography*. Prentice Hall Upper Saddle River, N.J.

Abel, D.C., R.L. McConnell, and E. Koepfler (Contributing Authors). 2000. Thurman and Burton's Introduction to Oceanography (9th ed.), plus an associated web site. Prentice Hall. Upper Saddle River, N.J.

C. Misc. (Conference proceedings, reports, sample op-eds, book reviews, etc.)

Abel, D.C. 2007 – 2011. Sea Level, Award-winning regular newspaper column on environmental issues and sustainability. Myrtle Beach Sun News (100+ op-ed columns of 600-1000 words)

Royce, S.W., **D.C. Abel**, T.N. Brown, N.A. Kuenzel, J.N. Smith, And L.M. Stang. 2007. Coastal Carolina University's Habitat for Humanity Sustainable Building and Living project: an Honor's Program service learning course. Pp. 256 – 260 in Proceedings of the 7th Ball State University Greening Of The Campus Conference, Muncie, Indiana, 6-8 September 2007.

Abel, D.C. and R.L. McConnell. 2007. Teaching sustainability using critical thinking and simple math. Pp. 6 – 19 in Proceedings of the 7th Ball State University Greening Of The Campus Conference, Muncie, Indiana, 6-8 September 2007.

Abel, D.C. and D. Allison. 2007. Limit bottom trawling to protect key habitat. Myrtle Beach Sun News, 9/18/07.

McCandless, C.T., W.D. McElroy, N.E. Kohler, C. Jensen, G. Ulrich, **D. Abel**, C. Belcher, and T. Curtis. 2004. 2003 Report of the Cooperative Atlantic States Shark Pupping and Nursery (COASTSPAN) Survey. Apex Predators Program. NMFS, NEFSC, Narragansett, RI.

McCandless, C.T., W.D. McElroy, C. Jensen, G. Ulrich, **D. Abel**, C. Belcher, T. Curtis and B. DeAngelis. 2005. 2004 Summary Report of the Cooperative Atlantic States Shark Pupping and Nursery (COASTSPAN) Survey. Apex Predators Program. NMFS, NEFSC, Narragansett, RI.

Abel, D.C. and R.L. McConnell. 2000. Too Many Using Too Much. Earth Focus Magazine 10: 2. (invited editorial).

Abel, D.C. 1995. Review of *How Many Americans* by Leon Bouvier and Lindsey Grant. 1994. Sierra Club Books. The Social Contract. 5: 148-149.

Abel, D.C. 1995. Review of *World Resources 1994 - 95* by World Resources Institute. 1994. Pop. and Envir. 16: 473-475.

Koenig, C.C., **D.C. Abel**, C.W. Klingensmith, and M.B. Maddock. 1981. Usefulness of the self-fertilizing cyprinodontid, *Rivulus marmoratus*, as an experimental animal in studies involving carcinogenesis, teratogenesis, and mutagenesis. U.S. E.P.A. Rep. No. R80546 01.

In addition to my bi-weekly column, I have published 50+ op-eds in various small- and medium-circulation newspapers.

RECENT CONFERENCE PRESENTATIONS/ABSTRACTS=====

Arnt, Jeremy and **D.C. Abel**. 2020. Residency, diel movement, and tidal patterns of Bull Sharks (*Carcharhinus leucas*) in Winyah Bay, SC. 2020 Virtual Annual Meeting of the American Elasmobranch Society, Nov. 7. 2020.

Wingar, J.A., **D. Abel**, G. Boneillo, and P. Yancey. 2019. Osmoregulation and salinity preference in juvenile sandbar sharks (*Carcharhinus plumbeus*) in Winyah Bay, SC. Joint Meeting of Ichthyologists and Herpetologists, July 24 - 28, 2019, Snowbird, Utah.

Wingar, JA, **D. Abel**, G. Boneillo, and P. Yancey. 2019. Osmoregulation in juvenile sandbar sharks (*Carcharhinus plumbeus*) in Winyah Bay, SC. Southeastern Estuarine Research Society Conference, March 7 - 9, 2019, Wilmington, NC.

Larsen, M. E., **Abel, D.**, Crane, D.P., Keller, B., & Grubbs, R. D. 2019. Evidence of Reduced

- Metabolic Activity in Bathypelagic Sharks Determined by Heart Ventricular Mass. Oral Presentation. Annual Meeting of the American Elasmobranch Society, July 24 – 28, Snowbird, UT.
- Larsen, M. E., **Abel, D.**, Crane, D.P., Parker, S.L., Keller, B., & Grubbs, R. D. Negative Allometric Growth in the Digitiform Rectal Gland Morphology: Mitigating NaCl Influx in Small Sharks. Poster Presentation. Annual Meeting of the American Elasmobranch Society, July 24 – 28, Snowbird, UT.
- Collatos, C., **D.C. Abel**, and M. Arendt. 2018. Seasonal presence, relative abundance, and migratory movements of juvenile sandbar sharks, *Carcharhinus plumbeus*, in Winyah Bay, South Carolina. Sharks International Conference and Annual Meeting of the American Elasmobranch Society, June 3 – 8, 2018, João Pessoa, Brazil.
- Yancey P.H., E. Wong, **D. Abel**, S. Parker, D. Grubbs, M. Larsen. 2018. Unique Rectal Gland Morphology and Plasma Chemistry of the Deep-Sea Shark Family Hexanchidae. 13th International Congress on the Biology of Fish, July 15 – 19, Calgary, Alberta, Canada.
- Spencer, K., **D. Abel**, D. Crane, N. Hammerschlag, E. Burge, C. Collatos, and M. Larsen. 2017. Coastal Shark Movements near Fishing Piers along the NE Coast of South Carolina: Early Results. Annual Meeting of the American Elasmobranch Society, July 12 – 16, Austin, TX.
- Larsen, M., **D. Abel**, S. Parker, R.D. Grubbs, and B. Keller. 2018. Comparative Morphology of Rectal Glands of Deep-Sea, Epipelagic, and Coastal Sharks Based on a Serendipitous Observation in the Atlantic Sixgill Shark, *Hexanchus vitulus*. 148th Annual Meeting of the American Fisheries Society, August 19 -23, 2018, Atlantic City, N.J.
- Collatos, C., **D. Abel**, B. Anderson, and K. Spencer. 2017. Habitat Selection and Demographics of Sandbar Sharks in Winyah Bay, SC. 46th Annual Benthic Ecology Meeting. April 12 – 16, Myrtle Beach, SC.
- Collatos, C., **D. Abel**, S. Gary, and K. Spencer. 2017. Demographics of Sharks in Winyah Bay, SC. Annual Joint Meeting of the American Fisheries Society SC Chapter and South Carolina Fishery Workers Association, March 1 – 3, McCormick, SC.
- Spencer, K., **D. Abel**, D. Crane, and C. Collatos. 2017. Pier Pressure: Composition and Movement of Sharks near Fishing Structures along the NE Coast of SC. Annual Joint Meeting of the American Fisheries Society SC Chapter and South Carolina Fishery Workers Association, March 1 – 3, McCormick, SC.
- Abel, D.C.**, A. Dowlin, J. Simcox, M. Novak, B. Keller, and R.D. Grubbs. 2016 –Do Osmoregulatory Adaptations of Deep-Sea Sharks Represent a Paradigm Shift? Evidence from Rectal Glands of *Hexanchus nakamurai* and Other Species. Annual Meeting of the American Elasmobranch Society, July 6 - 10, New Orleans.
- Abel, D.C.**, S. Parker, D. Sage, A. Dowlin, J. Simcox, M. Novak, and R.D. Grubbs. 2016. Osmoregulation in Sharks Revisited: I. Rectal Gland Masses of Estuarine, Nearshore, and Deep Sea Sharks. Spring 2016 Meeting of the Southeastern Estuarine Research Society, March 10 – 12, Bluffton, SC.
- Domke-Damonte, D., T. Pillai, D. Jho, P. Martin, **D. Abel**, J. Killian, M. Boyce, and J. Delpont. 2016 The Global Citizen. 2016 Celebration of Inquiry, April 13, Conway, SC.
- Anderson, B., T. Brun, and **D.C. Abel**. 2016. Was Last Summer the Summer of the Shark? Evidence from the Coastal Carolina University Shark Project. 2016 Celebration of Inquiry, April 13, Conway, SC.
- Burge, E.J., **Abel, D.C.**, G.E. Boneillo, D.B. Fribbance, K.K. Fuss, J.C. Hill, E.T. Koepfler, S.M. Libes. E.D. Rosch, R.F. Viso, and R.F. Young. 2015. Integrating Undergraduate Research Experiences in Coastal and Estuarine Research. 23^d Biennial Conference of the Coastal and Estuarine Research Federation, Nov. 8 – 12, Portland, Or.
- Keller, B.A., J.S. Finger, T.L. Guttridge, S. H.Gruber, and **D.C. Abel**. 2014. Partner Preference and the Mechanism of Group Formation of Lemon Sharks, *Negaprion brevirostris*, during

- Introduction of Strangers to Familiar Groups. Annual Meeting of the American Elasmobranch Society. July 15 – 19, Chattanooga, TN.
- Keller B.A., J.S. Finger, S.H. Gruber, **D.C. Abel**, and T.L. Guttridge. 2014. Partner Preference in Juvenile Lemon Sharks, *Negaprion brevirostris*, during the Introduction of Strangers to Familiar Dyads. Sharks International Conference, June 2 – 6, Durban, South Africa.
- Domke-Damonte, D., **D. Abel**, D. Perkins, N. Rauhut, J. Richmond, and H. Tankerseley. 2014. Defining Global Citizenship Through Multiple Lenses. 2014 Celebration of Inquiry, April 2, Conway, SC.
- Abel, D.C.** and R.L. McConnell. 2013. Teaching Sustainability Using Critical Thinking and Math. (Invited oral presentation). *Math for a Sustainable Future* workshop, March 15-17, Washington, D.C.
- Abel, D.C.** 2013. The CCU Campus and Community Sustainability Initiative at 8 years: LEED and Beyond. (Invited oral presentation). SC Green Schools Summit, October 26, Columbia, SC
- Abel, D. C.** 2013. Fish Markets of the Mediterranean: Windows to the Culture and Environment of Coastal Areas. Semester at Sea aboard the M/V Explorer (scholarly presentation to faculty and students). June 29, on the Mediterranean Sea.
- Moore, M.H. and **D.C. Abel**. 2012. Relative Abundance and Sediment Preference of Benthic/Benthopelagic Elasmobranchs in North Inlet, SC: a Tangle Net and Lab Study. 41st Annual Benthic Ecology meeting, March 21- 24, Norfolk, VA.
- Shiffman, D., D. Frazier, J. Kucklick, W. Roumillat, **D. Abel**, and G. Sancho. 2011. Use of a Minimally Invasive Stable Isotope Technique to Characterize Diets of Coastal Shark Species. Annual Meeting of the American Fisheries Society, Sept 5, Seattle, WA.
- Abel, D.C.**, M.A. White, and A.W. Predmore. 2010. Sustainability at Sea: Greening an Around-the-World Educational Voyage. Annual Meeting of the Association for the Advancement of Sustainability in Higher Education, Oct. 10 – 12, Denver, CO.
- White, M.A., **D.C. Abel**, P. Crissman, M. Ellerbrock, E. Günther, and A.W. Predmore. 2010. Effectiveness of a Seagoing Global Immersion Program in Fostering Ecological Awareness. Annual Meeting of the Association for the Advancement of Sustainability in Higher Education, Oct. 10 – 12, Denver, CO.
- Shiffman, D., G. Sancho, B. Frazier, J. Kucklick, and **D. Abel**. 2010. Stable Isotope Analysis of the Sandbar Shark, *Carcharhinus plumbeus*, in Estuaries of the Southeastern United States. Sharks International Conference, June 6 – 11, Cairns, Australia.
- Shiffman, D., G. Sancho, B. Frazier, J. Kucklick, and **D. Abel**. 2010. Stable Isotope Analysis of the Sandbar Shark, *Carcharhinus plumbeus*, in South Carolina and Virginia Coastal Waters. Annual Meeting of the American Elasmobranch Society, July 7-12, Providence, RI.
- Shiffman, D., G. Sancho, B. Frazier, J. Kucklick, and **D. Abel**. 2010. Stable Isotope Analysis of the Sandbar Shark, *Carcharhinus plumbeus*, in Five South Carolina Estuaries. Annual Meeting of the Ecological Society of America, August 1 – 6, Pittsburgh, PA.
- O'Connell, C.P., **D.C. Abel**, E. M. Stroud, and P. H. Rice. 2009. The Use of Permanent Magnets as an Elasmobranch-Selective Repellent. Southeastern Estuarine Research Society Annual Meeting, March 20, Myrtle Beach, SC.
- O'Connell, C.P., **D.C. Abel**, E. M. Stroud, and P. H. Rice. 2009. Effectiveness of Barium Ferrite Permanent Magnets on the Feeding Behavior of Elasmobranchs, SC American Fisheries Society Annual Meeting, Feb. 13, Clemson, SC. (Winner, Best Student Paper)
- Evans, M., **D. Abel**, S. Gilman, and R. Young. 2009. Demographics and Habitat Partitioning of Elasmobranchs in Port Royal Sound, SC. Annual Meeting of the American Elasmobranch Society, July 22- 29, Portland, OR.

- Abel, D.C.** 2009. Monitoring Energy Use in Your Home. Beyond Coal: The Efficiency Workshop, SC Coastal Conservation League and CCU Sustainability Initiative, July 15, Conway, SC.
- Abel, D.C.** and R.L. McConnell. 2008. Critical Thinking and Sustainability Across the Curriculum. Half-day Workshop at the 2nd National Association for the Advancement of Sustainability in Higher Education National Conference, November 11, Raleigh, NC.
- Evans, M., D. Abel, S. Gary, and D. Wilkinson.* 2008. Demographics and Habitat Partitioning of Elasmobranchs in Port Royal Sound, South Carolina: Preliminary Results. American Elasmobranch Society, July 23 - 28, 2008, Montreal, Canada.
- Maxwell, M.K., D.C. Abel, R. F. Young, D.M. Allen, and K. Jaganatthan.* 2008. Distribution and Movements of Neonate Atlantic Sharpnose Sharks, *Rhizoprionodon terraenovae*, in a South Carolina Estuary and Nearby Coastal Ocean Waters. Annual Meeting of the American Elasmobranch Society, July 23 - 28, 2008, Montreal, Canada.
- McDonough, M., D.C. Abel, R. F. Young, and K. Jaganatthan.* 2008. Comparison of the Elasmobranch Fauna between Two South Carolina Estuaries Differing in the Degree of Human Impact. Annual Meeting of the American Elasmobranch Society, July 23 - 28, Montreal, Canada
- Abel, D.C.** and R.L. McConnell. 2008. Teaching Marine Issues Using Critical Thinking, Principles of Sustainability, and Simple Math. 2008 Annual Meeting of the National Marine Educators Association, July 19 – 23, Savannah, GA.
- McDonough, M., D.C. Abel, R. F. Young, and K. Jaganatthan.* 2008. Comparison of the Elasmobranch Fauna between Two South Carolina Estuaries Differing in the Degree of Human Impact. Southeast Estuarine Research Society, Mar. 13-14, Charleston, SC. *Royce, S.W., D.C. Abel, T.N. Brown, N.A. Kuenzel, J.N. Smith, and L.M. Stang.* 2007. Coastal Carolina University's Habitat for Humanity Sustainable Building and Learning Project: an Honors Program Service Learning Course. Greening of the Campus VII Conference, Sept. 6-8, Muncie, IN.
- Abel, D.C.** 2008. Bulls, Lemons, and Tigers: Sharks to Know, Annual Conference of the Environmental Educators Conference of SC, June 6 – 8, Seabrook Island, SC.
- Abel, D.C.** and R. L. McConnell. 2007. Teaching Sustainability Using Critical Thinking and Simple Math. Greening of the Campus VII Conference, Sept. 6-8, Muncie, IN,
- Abel, D.C.** and *M. Mitzner.* 2007. Sustainability for the Rest of Us: Lessons from a Non-Private, Non-Flagship, Underfunded Southeastern University. Greening of the Campus VII Conference, Sept. 6-8, Muncie, IN.
- Gary, S., D. Abel, E. Howington, D. Gandy, J. Garwood, K. Gocke, L. Knott, K. Maxwell, M. McDonough, J. Provaznick, M. Travaline, B. Yednock.* 2007. Sharks of Winyah Bay: Results After Five Years. Annual Meeting of the American Elasmobranch Society, July 11 -16, St. Louis, MO.
- Abel, D.C.** 2006. Sharks of South Carolina Waters: Results from Coastal Carolina University's Shark Project. 31st Annual Conference of the South Carolina Science Council. November 1 – 3, Myrtle Beach, SC.
- Abel, D.C.** 2006. Sustainability at Coastal Carolina University and Beyond. 31st Annual Conference of the South Carolina Science Council. November 1 – 3, Myrtle Beach, SC.
- Gary, S., D. Abel, E. Howington, D. Gandy, J. Garwood, K. Gocke, L. Knott, E. Marcus, K. Maxwell, M. McDonough, J. Provaznik, M. Travaline, B. Yednock.* 2007. Sharks of Winyah Bay, SC: Results After 5 years. Baruch Research Symposium. March 28 – 29, Georgetown, SC.
- Abel, D.C.** 2007. Sustainability for the Rest of Us: Lessons from a Non-Private, Non-Flagship, Underfunded Southeastern University. Society for College and University Planners 2007 Southern Metro Mini Conference. May 17, 2007, Columbia, SC.

- Abel, D.C.** 2007. Fred White's Science and Legacy, Scripps Institution of Oceanography. 1/5/07, San Diego, CA. (Invited talk at memorial gathering).
- Garwood, J.A., M. Travaline, B. Yednock, M. Yencho, and D.C. Abel.* 2004. Differences in the Shark Population of Winyah Bay, South Carolina in Drought and Wet Years. 20th Annual Meeting of the American Elasmobranch Society, May 26 – 31, Norman, OK.
- Prosser, C., D.C. Abel, and B.K. Yednock.* 2004. A Longline Assessment of Shark Nursery Grounds in Two South Carolina Estuaries. Annual Meeting of the American Elasmobranch Society, May 26 – 31, Norman, OK.
- Yednock, B.K., and D.C. Abel.* 2005. Assessment of Habitat Utilization by Multiple Coastal Shark Species in a Southeastern Salt Marsh Nursery System. Southeastern Ecology and Evolution Conference. March 11 -13, Athens, GA.
- Prosser, C. and D.C. Abel.* 2004. Preliminary Delineation of Shark Nursery Grounds in Two South Carolina Estuaries. Southeastern Ecology and Evolution Conference. March 11 - 13, Athens, GA.
- Young, R. F., D.C. Abel, C.S. Gilman, J. L. Guentzel, S.M. Libes, E. Wright.* 2003. The Rising Tide Project: Changing How Researchers, Educators, and Students Work Together. Southeast Coastal Ocean Science Conference and Workshop. January 27-31, Charleston, SC.
- Abel, D.C., J. A. Garwood, and M. J. Travaline.** 2002. Sharks, Half- Sharks, and Pups: A Preliminary Survey of the Sharks of Winyah Bay, S.C. and Delineation of Nursery Grounds. Meeting of Southeastern Estuarine Research Society. October 14 -16, Wilmington, NC.
- Abel, D.C.** and R.L. McConnell. 2001. Understanding Marine Environmental Issues Using Critical Thinking, Simple Math, and the Metric System. National Marine Educators Association Conference. July 17 – 21, Victoria, Canada.
- McConnell, R.L. and **D.C. Abel.** 2000. Thinking Critically about Environmental Issues. Invited Workshop at 20th International Conference on Critical Thinking and Educational Reform. July 22 - 25, Rohnert Park, CA.
- McConnell, R.L. and **D.C. Abel.** 2000. Should Environmental Advocacy be Taught? Fall Meeting of the Geological Society of America, November 9 – 18, Reno, NV.

(In addition to the above I have made 30+ additional presentations at professional meetings plus invited presentations at the University of Georgia, Bucknell University, Smithsonian Tropical Research Institute, Scripps Institution of Oceanography, San Diego Veterans Administration Medical Center, College of Charleston, Hubbs-Sea World Research Institute, USC Baruch Marine Laboratory, and the University of Virginia's Semester at Sea program)

RECENT GRANTS (partial listing)=====

- 2021 CCU Professional Enhancement Grant. *Heart function in Great White and other sharks.* \$4,000 (Note: Funds returned since cruise was cancelled).
- 2019 Save Our Seas Foundation, Grant to produce book *Shark Biology and Conservation* **DC Abel** (Co-PI) and R. Dean Grubbs (Co-PI). \$15,000.
- 2014 Save Our Seas Foundation. *Familiarity in lemon sharks, Negaprion brevirostris: Reshaping societal views of a keystone taxonomic group.* **DC Abel** (PI) and *Bryan Keller* (co-PI). 4/1/14-1/1/15, \$4,700.
- 2014 Global Eco-Adventures. *Nursery grounds for sharks.* **DC Abel** (PI) and *Bryan Keller* (co-PI). \$1,180.

- 2014 CCU Professional Enhancement Grant. *Do cardiovascular and osmoregulatory adaptations of deep-sea sharks represent a paradigm shift?* **D.C. Abel (PI)**. \$4450.
2014. CCU URC. *Partner preference and the mechanism of group formation of lemon sharks during the introduction of strangers to familiar groups.* **DC Abel (PI)** and Bryan Keller (co-PI). \$924.
2012. CCU Travel award. *Math for a Sustainable Future, Washington, DC. Nov. 1 -4, 2012* (meeting postponed to 2013 due to Hurricane Sandy). **D.C. Abel**. \$450.
- 2012 CCU Travel award. *Association for the Advancement of Sustainability in Higher Education.* **D.C. Abel**. \$800
- 2007 NOAA National Ocean Service “Cooperative Fisheries Research in South Carolina.” Sub-recipient grant through SCDNR. *Assessment of Surf Zone and Near-shore Nekton Community in Horry County, SC.* Young, R., J. Mull, **D. Abel** (co-PI). May 15, 2007 – June 30, 2008, \$33,759.
- 2007 Lowcountry Institute/Spring Island Trust. *Characterization of the Shark Fauna of Port Royal Sound, SC.* **D.C. Abel (PI)** and M. Evans (co-PI). 5/1/07 – 11/31/08. \$14,400.
- 2007 Project Aware Foundation. *Demographics and Habitat Partitioning of Elasmobranchs in Port Royal Sound, SC,* **D.C. Abel (PI)** and M. Evans (PI). 6/2007 – 12/08, \$6000.
- 2007 PADI Foundation. *Investigation of Grade C8 Barium Ferrite Permanent Magnets as a Possible Elasmobranchs Bycatch Reduction System.* **D.C. Abel (PI)** and C.P. O’Connell (PI). 2008, \$4200.
- 2007 Slocum Lunz Foundation. 2007. *Investigation of Grade C8 Barium Ferrite (BaFe₂O₄) Permanent Magnets as a Possible Elasmobranch Bycatch Reduction System.* **D.C. Abel (PI)** and C.P. O’Connell (PI). 2008, \$800.
- 2007 CCU Professional Enhancement Grant. *Sharks of South Carolina Estuaries. II. A Comparison of Winyah Bay and Port Royal Sound.* **D.C. Abel (PI)**. 11/29/06 – 8/10/07, \$4000.
- 2007 CETL Convertible Notebook Initiative. **Abel, D.C.** Funded.
2006. PADI Foundation. *The Role of Sub-tidal Creeks in Feeding and Growth Rates of Juvenile Atlantic Sharpnose Sharks, Rhizoprionodon terraenovae in North Inlet, SC.* Maxwell, K. (PI) and **DC Abel** (advisor)
- 2005 SC DHEC Coastal Recycles Program. T. Harrington (co-PI) and **D.C. Abel** (co-PI), 2006, \$10,000.
- 2004 Georgetown County Environmental Protection Society, *Evaluation of Winyah Bay and North Inlet as Essential Fish Habitat for Sharks and Rays.* \$2,000.
- 2003 Georgetown County Environmental Protection Society *Winyah Bay and Nearby Waters As Shark Nursery Grounds: An Essential Fish Habitat Assessment.* \$10,000 + \$5000 CCU Match.
- 2003 National Fish and Wildlife Foundation/South Carolina Sustainable Universities Initiative, *Shark Conservation at the Local Level: Connecting Student Research and Citizens.* \$4734.
- 2002 Co-investigator with Robert Young, PI, NSF Geoscience Education Program *The Rising Tide Model: Changing How University Researchers and Secondary Educators Work Together.* \$85,724.
- 2001 Co-PI with Rob Young. Georgetown County Environmental Protection Society. *Survey of the Dolphins and Sharks of Winyah Bay and Adjacent Waters – Year 2.* \$3000.
- 2000 Co-PI with Rob Young. Georgetown County Environmental Protection Society. *Survey of the Dolphins and Sharks of Winyah Bay and Adjacent Waters – Year 1.* \$9,975.
- 2000 South Carolina Sustainable Universities Initiative. *SUI Environmental Mini-Grant.* \$5000.
- 2000 South Carolina Sustainable Universities Initiative. *Thinking Critically About Sustainability Issues: A Book Proposal.* \$7,125.

1995 - 1998. Co-PI (Craig Gilman, PI). Universities Space Research Association. *Earth System Science Education Undergraduate Program* \$90,000.

GRADUATE STUDENT COMMITTEES=====

- A. M.Sc. completed: Bree K. Yednock (Major Professor), Jason Garwood (Co-Major Professor), Katie Maxwell (Major Professor), Sam Gary (Major Professor), Mollie McDonough (Major Professor); Craig O'Connell (Major Professor); Jeremy Mull (Committee member), Justin Schreer (Committee Member); David Shiffman (Committee Member, College of Charleston); Moriah Carlisle (Major Professor); Bryan Keller (Major Professor), Kelsey Spencer (Major Professor), Caroline Collatos (Major Professor), Shelby Barker (Major Professor), Matt Larsen (Major Professor), Elise Pullen (Major Professor), Jessie Wingar (Co-Major Professor), Alex Oathout (Major Professor), Matthew Rodriguez (Committee Member), Vivian Turner (Committee Member), Jeremy Arnt (Major Professor), Lilian Rios-Brady (Co-Major Professor), Gabrielle Donatelli (Co-Major Professor), Meredith Langford (Major Professor), Kamaria Elliott (Major Professor), Haley Wells (Major Professor)
- B. In Progress: Andrew Sitlinger (Major Professor), Rileigh Hawk (Major Professor), Ryan Lowndes (Major Professor), Kristina Flanigan (Major Professor), Shae Schreckengost (Major Professor)

GRANT, JOURNAL, AND BOOK EVALUATIONS/REVIEWS =====

Textbook/book review: W.C. Brown/McGraw Hill, Pearson/Prentice Hall, Jones and Bartlett, Oxford University Press, USC Press, Johns Hopkins University Press

Grant proposal review: Florida Sea Grant Program, National Geographic, Ocean Tracking Network

Manuscript review: Comparative Biochemistry and Physiology, American Geological Institute, Transactions of the American Fisheries Society, Ocean and Coastal Management (Guest editor) Environmental Biology of Fishes, Zoology and Ecology, Marine Technological Society Journal, Zoology and Ecology

COURSES

TAUGHT=====

Introductory

Introduction to Science (lecture and lab)
General Biology (lecture and lab)
Intro. to Environmental Science (lecture and lab)
The Sea (lecture and lab)
Environmental Geology (lecture and lab)
Intro. to Marine Science (lecture and lab)
Origin and Evolution of the Marine Environment (lecture and lab)
Scientific Communication
Marine Environment and Organisms (lecture, international component, Semester at Sea, Spring 2010)
Oceanography (lecture, international component, Semester at Sea, Spring 2010)
Honors Service Learning: Sustainable Communities/Habitat for Humanity Green Building Project

Upper Level

Marine Biology/Ecology (lecture and lab)
Tropical Marine Ecology (lecture and lab, international component)
Field Studies in Shark Biology (lecture and lab, international component)
Biology of Sharks (lecture and lab, international component)
Human Physiology (lecture and lab)
Heredity and Evolution
Lab in Advanced Environmental Science
Seminar (topics: Adaptational Biology, Physiological and Behavioral Ecology of Fishes, Environmental Health)
Senior Thesis/ Honors Thesis/Directed Undergrad. Research
Apex Predators and Other Endangered Wildlife
Marine Physiological Ecology
Rescuing Planet Earth
Sustainability Communication
Personal Sustainability

Graduate

Marine Science for Elementary School Teachers (lecture and lab)
Aquatic Physiological Ecology (lecture)
Earth System Science for Teachers (lecture and lab)
The Coastal Ocean: Environmental and Economic Perspectives (lecture)
Graduate Research

Other

Life in the Chesapeake Bay (Elderhostel)
Contemporary Environmental Issues (Lifelong Learners/Senior Scholars)

SERVICE EXAMPLES=====

University

Member, President's Council on Sustainability and Coastal Resilience (2021 – present)
Member, Faculty Grievance Committee (2020)
Member, Reduction in Force Committee (2019 – 20)
Advisor, Environmental Action Today Student Club (2019 – 20),
Member/Chair, CCU Buildings and Grounds Committee (2015 – 2018)
Member, CCU Zen Garden Committee (2016 – 2017)

Advisor, Coastal Elasmobranch Society Student Club (2011- present)
Member, Science Annex Architect Selection Committee (2008)
Member, Big Read Committee (2007-08)
Member, Editorial Review Board, *Bridges Online Journal* (2007-08)
Faculty senator (2007-2012)
Member, Long-Range Planning Sustainability Subcommittee (2005 – 06)
Member, Faculty Welfare and Development Committee (2003 – 05)
CCU South Carolina Sustainable Universities Initiative Fellow (2001 - present)
Ex Officio member, Buildings and Grounds Committee (2007- 2010)
Member, Facilities Management Council (through 2010)
Advisor, Students for Environmental Action Student Club (F97 – 2008)

College of Natural and Applied Science

Member, Vice Dean Search Committee (2017)
Chair, COS Promotion and Tenure Committee (2012)
Member, COS Promotion and Tenure Committee (2011, 2017 - 2019)
Member, Coastal Marine and Wetlands Studies Graduate Committee (2002 – 07)
Member, New Science Building Committee (2002-04)
Chair, Science 101 Development Committee (1999)

Marine Science Department

Chair, Ad Hoc Boat Use Committee (2016 – 2018)
Member, MSCI Dept Lecturer Search Committee (2016)
Chair, MSCI Dept Lecturer Search Committee (2012)
Member, MSCI Dept Lab Manager Search Committee (2012)
Faculty Senator, 2009 – 2011
Chair, Peer Review Committee (2007-09)
Member, MSCI Dept Marine Geologist Search Committee (2006-07)
Member, MSCI Dept Marine Hydrogeologist Search Committee (2006-07)
Member, MSCI 201 Development Committee (2006-07)
Member, Peer Review Committee (2009 – present)
Chair, Boat and Transportation Committee (1996 – 2006)
Member, Introductory Revisions Committee (1995-97)
Assistant Marine Science Department Chair (1995-96)
Member, Waties Island Users Committee (1995)
Member, Environmental Quality Laboratory Manager Search Committee (S 95)
Member, Internship Committee (1995 – 96)
Member, Retreat Committee (1995)
Member, Curriculum Committee (1994 - 2003)
Frequently meet with prospective students and parents (mostly unscheduled)

Other

Member, Semester at Sea Faculty Council (2013-2014)
Co-Chair, Semester at Sea Sustainability Council (Spring 2010)
Vice-chair, Board of Directors, Dogwood Alliance (2013)

Selected Recent Community Service

National Geographic Wild documentary *When Sharks Attack: Four Strike Summer*
(original air date 7/20 and repeats)
National Geographic Wild documentary *When Sharks Attack: Twelve Minutes of Terror*
(original air date 7/20 and repeats)
National Geographic Wild documentary *When Sharks Attack* (original air date 6/24/16
and repeats)

National Geographic Wild documentary *The United Sharks of America* (original air date 7/5/15 and repeats) – (featured in segment on South Carolina)

The following is a partial list of interviews on sharks conducted in the summer of 2015:

6/15/15 CBS Evening News with Scott Pelley
6/15/15 WNYW-FOX 5 New York
6/28/15 CBS News Sunday
6/29/15 The Weather Channel “Wake Up With Al”
7/2/15 CNN Newsroom with Brooke Baldwin
7/2/15 CTV News with Dan Matheson
6/15/15 Charlotte Observer “Officials mount search for shark that attacked teens in Oak Island”
6/15/15 USA Today “Shark attack deaths: How common are they?”
6/19/15 Wilmington Star News Interview with Fran Norton
6/29/15 Palm Beach Post Kimberly Miller
6/30/15 USA Today
7/1/15 USA Today “Another shark attack reported in North Carolina”
6/15/15 CBS News Online “911 calls after sharks bite young victims off in N.C.”
6/15/15 NBC News Online “North Carolina Shark Attacks: Witness Says It Was Like a Scene From ‘Jaws’”
6/15/15 LiveScience “Shark Bites Two: Possible Explanations for Attacks”
6/18/15 Accuweather Interview with Kevin France “Sharks Migrate to US East Coast as Water Temperatures Climb”
6/18/15 LiveScience “Did Sharks Really Kill That Cute Baby Dolphin?”
7/15/15 LiveScience “Why Beached Great White Shark Was Such a Rare Sight”
6/15/15 WCBS Radio (New York)
6/16/15 Charlotte’s Morning News: The Keith Larson Show WBT NewsTalk
6/15/15 WMBF News Mandy Noel interview: “Experts weigh in on shark attacks”
6/17/15 Provided content to Jo Brown WBTW News13
6/30/15 WMBF News with Jenna DeAngelis “Shark experts weigh in on attacks, close encounters in Carolinas” & “ Experts offer tips on keeping safe from sharks”
7/7/15 WMBF Interview with Lisa Gresci
7/8/15 WPDE Good Morning Carolinas with Tim McGinnis
7/8/15 WPDE Interview with Alex Heaton
7/31/15 WCBD Charleston Mayci McLeod
6/17/15 Myrtle Beach Sun News interview with Tonya Root “Teen speaks about losing his arm in N.C. shark attack”
<http://www.myrtlebeachonline.com/news/local/article24707110.html>
7/8/15 WGTR-FM Gator 107.9 Radio Interview with Adam Dellinger

Partial list of selected interviews, appearances, and service activities

WMBF November Ratings Sweeps series *What Lies Beneath*, broadcast in over 30 major markets 11/14

WMBF live interview 7/10

Invited participant, US Army Corps of Engineers Stakeholders Working Group (SWG) for the Pee Dee Generating Station Environmental Impact Statement (EIS)

Invited speaker, South Central Regional Library, Charlotte, NC, *Sharks of the Carolinas*, 6/10/09

Invited speaker, Unitarian Church in Charleston, *How Much is Enough? A Blueprint for Living Sustainably*, 8/30/2009

Invited speaker, Myrtle Beach Rotary Club, *Sustainability in the Grand Strand*, 2/16/09

Invited Speaker, Friends of Huntington Beach State Park *Sustainability in SC*, 9/16/09

Sponsor, Pew Environmental Group presentation *What's happened to the fish?* at Waccamaw Higher Education Center by Leda Dunmore, 8/18/09

Member, US Green Building Council Grand Strand Chapter Steering Committee

Member, City of Myrtle Beach Comprehensive Plan Land Use and Transportation Committee

Co-sponsor, Grand Strand Sustainability Network

Steering committee, Coastmatters (http://www.coastmatters.org/about_us.html)

Certificate of Appreciation recipient (CCU Sustainability Init), US Green Building Council SC Chapter, 10/16/08, Columbia SC

Invited Tea and Ethics talk ***Environmental Ethics: If Trees and Polar Bears Could Talk*** (with Phil Schneider) October 21 and 28, 2008

USGBC-SC Award selection committee, 2008

WMBF interview 8/28/08

WMBF interview 10/16/08

Sponsored (and attended) LEED for Homes Technical Review, Waccamaw Higher Education Center, 9/22/08

Sponsored (and attended) LEED for Schools Technical Review, CCU, 6/20/08

Appeared on Coastal Today 10/22/08

Met with about 10 congressional staffers in separate meetings, Washington, DC July 15-16, 2008.

Invited participant, Meeting with Presidential Candidate John Edwards, 7/24/07, McClellanville, SC

Co-sponsored presentation "Harnessing Economic Value from Environmental Performance" by sustainability expert Paul Shariari, 9/17/07, Litchfield Beach and Golf Resort

Participant, Waties Meteorological Tower Project

Invited presentation, *The Urgency of Green Building: Perspectives from an Environmental Scientist*, AIA-CSI-USGBC meeting, 10-16-07, Magnolia's Restaurant and Conference Center.

Invited presentation, *Discussion of "Who Killed the Electric Car?"*, Senior Scholars, 10/16/07, Georgetown Library.

Invited presentation *Sustainability at CCU*, U. S. Green Building Council South Carolina Chapter Meeting, 8/24/07, Wall Boardroom, CCU.

Co-sponsored workshop *LEED for New Construction Technical Review*, 9/18/07. Waccamaw Higher Education Center, Pawleys Island.

Member, Association for the Advancement of Higher Education 2008 Programming Committee

Invited speaker, Conway Town and Country Garden Club, 1/8/08

Invited speaker, Gaylord and Dorothy Donnelley Foundation 3/09

Invited speaker, USC-Beaufort (2 talks)

Supervised intern from the Myrtle Beach Academy of Arts, Science, and Technology

Invited speaker, *Sharks of SC Waters*, Ripley's Aquarium, 5/10/08

Invited speaker and book signing, USGBC-SC, 4/24/08, Richland Library, Columbia, SC

Co-sponsor "Green Design in the age of Extinction" By Neil Chambers 4/22/08

Co-sponsor Earth Week Activities 1997 -2005

Invited speaker, Optimist club of MB, September 13, 2007

Invited speaker, Surfside Rotary Club November 28, 2007, Prestwick Country Club

Volunteer Sample Transporter, Waccamaw Watershed Academy

Member, Building Committee, Georgetown Family YMCA

Local Advisor, Gaylord and Dorothy Donnelley Foundation
Frequent television, newspaper, and radio interviews on marine science and environmental issues
Habitat for Humanity Green House Initiative
Invited speaker, St. James HS, December 2007
Litchfield Books Shark Talk 6/05
COSEE Shark Talk 6/05
Litchfield Books Talk 8/05, plus coordinated 6-talk series
Presentation on William O. Douglas, Pawley's Island History Club 11/15/05
Sierra Club Sustainability Talk 12/05/05
Horry County School District Construction Staff Presentation 12/15/05
Georgetown County League of Women Voters Sustainability Talk 1/16/06
YMCA Board Green Building Presentation 1/23/06
CCU Senior Scholars Sustainability Talk 3/14/06
Sierra Club Environment Talk 2/06/06
Habitat for Humanity Talks to Collegiate Challenge University Groups 3/8, 3/15, 3/22, 4/5, 4/19
Pawley's Island History Club Environmental History Talk 2/21/06
Pawley's Island Community Church Shark Talk 4/18/06
Georgetown Rotary Club Sustainability Talk 2/25/06