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EDUCATION

- 2008-2012 **Ph.D.** University of South Florida. Marine Science
2004-2006 **M.S.** University of South Florida. Marine Science
1998-2002 **B.S.** Salisbury University/University of Maryland Eastern Shore. Dual degree in
Biology and Environmental Marine Science

PROFESSIONAL APPOINTMENTS

- 2013-present Research Scientist, Cooperative Institute of Research in Environmental Science,
University of Colorado, Boulder, CO, USA
2013 Research Associate, Department of Biology, University of Victoria, Victoria,
BC, Canada
2013 Sessional Instructor, Department of Fisheries & Aquaculture, Vancouver Island
University, Nanaimo, BC, Canada
2012-2014 Consultant/Software Developer, Carrie Bell Consulting
2011-2013 Honorary Research Associate, Vancouver Island University, Nanaimo, BC,
Canada
2005 Intern, Committee to Review Recreational Fisheries Survey Methods, National
Academies of Science, Washington, DC, USA
2004-2007 Coordinator/Co-Founder, Science, Community, and Environmental Policy
Seminar Series, University of South Florida, St. Petersburg, FL, USA
2004-2012 Graduate Research Assistant/Research Scientist, College of Marine Science,
University of South Florida, St. Petersburg, FL, USA

GRADUATE AND POSTDOCTORAL ADVISORS

- Dr. Frank E. Muller-Karger University of South Florida
Dr. David A. Mann University of South Florida
Dr. Francis Juanes University of Victoria

PUBLICATIONS

Refereed Publications

Wall C.C., M. Jech, and S. J. McLean. (*under revision*). Increasing the accessibility of acoustic data through global access and imagery. ICES Journal of Marine Science.

Simard, P, **C.C. Wall**, J.B. Allen, R.S. Wells, S. Gowans, E.A. Forsy, B. Würsig, and D.A. Mann. (2015). Dolphin distribution on the West Florida Shelf using visual surveys and

- passive acoustic monitoring. *Aquatic Mammals*. 41(2): 167-187. [doi: 10.1578/AM.41.2.2015.167](https://doi.org/10.1578/AM.41.2.2015.167)
- Wall, C.C., C. Lembke, C. Hu, and D.A. Mann (2014)**. Fish sound production in the presence of harmful algal blooms in the eastern Gulf of Mexico. *PLOS One*. 9(12): e114893 [doi: 10.1371/journal.pone.0114893](https://doi.org/10.1371/journal.pone.0114893)
- Wall, C.C., P. Simard, M. Lindemuth, C. Lembke, D.F. Naar, C. Hu, B.B. Barnes, F.E. Muller-Karger, and D.A. Mann (2014)**. Temporal and spatial mapping of red grouper (*Epinephelus morio*) sound production. *Journal of Fish Biology*. 85(5): 1469-1487. [doi: 10.1111/jfb.12500](https://doi.org/10.1111/jfb.12500)
- Wall, C.C., R. Rountree, C. Pomerleau, and F. Juanes (2014)**. An exploration for deep-sea fish sounds off Vancouver Island from the NEPTUNE Canada ocean observing system. *Deep Sea Research Part I*. 83:57-64. [doi: 10.1016/j.dsr.2013.09.004](https://doi.org/10.1016/j.dsr.2013.09.004)
- Wall, C.C., P. Simard, C. Lembke, and D.A. Mann (2013)**. Large-scale passive acoustic monitoring of fish sound production on the West Florida Shelf. *Marine Ecology Progress Series*. 484: 173-188. [doi: 10.3354/meps10268](https://doi.org/10.3354/meps10268)
- Wall, C.C., C. Lembke, and D.A. Mann. (2012)**. Shelf-scale mapping of sound production by fishes in the eastern Gulf of Mexico using autonomous glider technology. *Marine Ecology Progress Series*. 449: 55-64. [doi: 10.3354/meps09549](https://doi.org/10.3354/meps09549)
- Wall, C.C., B.T Donahue, D.F. Naar and D.A. Mann. (2011)**. Spatial and temporal variability of red grouper holes within Steamboat Lumps Marine Reserve, Gulf of Mexico. *Marine Ecology Progress Series*. 431: 243-254. [doi: 10.3354/meps09167](https://doi.org/10.3354/meps09167)
- Dudzinski, K.M., S.J. Brown, M. Lammers, K. Lucke, D. Mann, P. Simard, **C.C. Wall**, M.H. Rasmussen, E.E. Magnúsdóttir, J. Tougaard and N. Eriksen. (2011). Trouble-shooting deployment and recovery options for various stationary passive acoustic monitoring devices in both shallow and deep water applications. *Journal of the Acoustical Society of America*. 129(1): 436-448. [doi: 10.1121/1.3519397](https://doi.org/10.1121/1.3519397)
- Wall, C.C., F.E. Muller-Karger and M.A. Roffer. (2009)** Linkages between environmental conditions and king mackerel catch off west-central Florida. *Fisheries Oceanography*. 18(3): 185-199. [doi: 10.1111/j.1365-2419.2009.00507.x](https://doi.org/10.1111/j.1365-2419.2009.00507.x)
- Soto, I., S. Andréfouët, C. Hu, F.E. Muller-Karger, **C.C. Wall**, J. Sheng, B. G. Hatcher. (2009) Physical connectivity in the Mesoamerican Barrier Reef System inferred from 1998-2006 satellite ocean color observations. *Coral Reefs*. 28(2): 415-425. [doi: 10.1007/s00338-009-0465-0](https://doi.org/10.1007/s00338-009-0465-0)
- Wall, C.C., F.E. Muller-Karger, M.A. Roffer, C.Hu, W. Yao and M. Luther (2008)** Satellite remote sensing of surface oceanic fronts in coastal waters off west-central Florida. *Remote Sensing Environment*. 112: 2963-2976. [doi:10.1016/j.rse.2008.02.007](https://doi.org/10.1016/j.rse.2008.02.007)

Book Contributions:

- Wall, C.C.**, C. Anderson, R. Towler, J. Cartwright and S.J. McLean (*in press*). Increasing the accessibility of water column sonar data through the establishment of a national archive. Proceedings for the US Hydrographic Conference. March 16-20, 2015.
- Mann, D.A., J.V. Locascio and **C.C. Wall** (*in press*). Fish passive acoustics. In: W. Au (ed) Listening in the Ocean: New Discoveries and Insights on Marine Life from Autonomous Passive Acoustic Recorders.
- Wall, C.C.**, R. Rountree and J. Juanes (*in press*). Mapping the acoustic soundscape off Vancouver Island using the NEPTUNE Canada ocean observatory. In: A.N. Popper and A. Hawkins (eds) The Effects of Noise on Aquatic Life. Springer Science.
- Wall, C.C.**, P. Simard and D.A. Mann (2012). Distribution and potential impact of boat noise on fish sound production from an autonomous acoustic array in the Eastern Gulf of Mexico. In: A.N. Popper and A. Hawkins (eds) The Effects of Noise on Aquatic Life. Springer Science. [doi:10.1016/j.rse.2008.02.007](https://doi.org/10.1016/j.rse.2008.02.007)

Oral Presentations:

- Wall, C.C.**, C. Anderson, R. Towler, J. Cartwright, and S.J. McLean, *Increasing the impact of water column sonar data through the development of a national archive*, presented at the ICES Working Group Fisheries Science Acoustic and Technology conference, New Bedford, MA, **May 6 – 9, 2014**.
- Wall, C.C.**, C. Anderson, R. Towler, J. Cartwright, and S.J. McLean, *Getting more for less: Increasing the accessibility of water column sonar data for fisheries management*, presented at the Acoustical Society of America Conference, Providence, RI, **May 5-9, 2014**.
- Wall, C.C.** *The benefits and challenges of passive acoustic monitoring of fish*, presented at the Acoustical Society of America Conference, Providence, RI, **May 5-9, 2014**. *INVITED TALK*
- Wall, C.C.**, C. Anderson, R. Towler, J. Cartwright, and S.J. McLean, *Development of an accessible national archive of water column sonar data for fisheries management*, presented at the Southeast Acoustic Consortium, Panama City, FL, **April 1-3, 2014**.
- Wall, C.C.**, R. Rountree and F. Juanes. *Mapping the acoustic soundscape off Vancouver Island using the NEPTUNE Canada ocean observatory*, presented at the Effects of Noise on Aquatic Life conference, Hungary, Budapest, **August 12-16, 2013**.
- Wall, C.C.**, M. Lindemuth, P. Simard and D.A. Mann. *Long-term mapping of red grouper sound production on the West Florida Shelf*, presented at the Acoustical Society of America Conference, San Diego, CA, **October 31-November 4, 2011**.

Wall, C.C. and D.A. Mann. *Large scale passive acoustic data management: Managing the data deluge*, presented at the Acoustical Society of America Conference, Cancun, Mexico, **November 15-19, 2010. INVITED TALK**

Simard, P., **Wall C.C.** and D.A. Mann. *Spatial and temporal patterns of dolphin distribution and relative abundance on the West Florida Shelf based on autonomous acoustic recorder detections and visual survey data*, presented at the Acoustical Society of America Conference, Cancun, Mexico, **November 15-19, 2010.**

Wall, C.C., P. Simard and D.A. Mann. *Passive acoustics of fish in the Gulf of Mexico: Knowing the unknown*, presented at the Joint Meeting of Ichthyologists and Herpetologists, Providence, RI, **July 8-12, 2010. INVITED TALK**

Wall, C.C., M.A. Roffer, C. Hu and F.E. Muller-Karger. *Fisheries research, management and the market place: Linking environmental data and recreational anglers to help understand fish distribution and habitat preference*, presented at the International Council for Science's Young Scientists Conference, Lindau, Germany, **April 4-6, 2007.**

Wall, C.C., M.A. Roffer, M.E. Luther and F.E. Muller-Karger. *Linkages between environmental conditions and recreational king mackerel catch of west-central Florida*, presented at Joint Workshop on NASA Biodiversity, Terrestrial Ecology and Related Applied Sciences, Adelphi, MD, **August 21-25, 2006.**

Wall, C.C., M.A. Roffer, M.E. Luther and F.E. Muller-Karger. *Linkages between environmental conditions and recreational king mackerel catch of west-central Florida*, presented at Fisheries And Marine Ecosystems, East coast (FAMEast) Conference. St. Pete Beach, FL, **May 14, 2006.** (co-coordinated)

Primary Author Poster Presentations:

Wall, C.C., M. Jech, C. Anderson, and S.J. McLean. *Got data? Increasing the accessibility of acoustic data for the advancement of fisheries science*, presented at the ICES Symposium on Marine Ecosystem Acoustics, Nantes, France, **May 24-28, 2015.**

Wall, C.C., R. Rountree and F. Juanes. *Mapping the acoustic soundscape off Vancouver Island using the NEPTUNE Canada ocean observatory*, presented at the Effects of Noise on Aquatic Life conference, Hungary, Budapest, **August 12-16, 2013.**

Wall, C.C., B.T. Donahue, D.F. Naar, D.A. Mann. *Spatial and temporal variability of red grouper habitat as defined by EM 3000 multibeam within Steamboat Lumps Marine Reserve, Gulf of Mexico*, presented at the Forum for EM Mutual Experience (FEMME) 2011: Kongsberg Maritime's Multibeam Echo Sounder User Conference, Trondheim, Norway, **April 12 – 15, 2011.**

Wall, C.C., P. Simard and D.A. Mann. *Distribution and potential impact of boat noise on fish sound production from an autonomous acoustic array in the eastern Gulf of Mexico*,

presented at the International Conference on the Effects of Noise on Aquatic Life, Cork, Ireland, **August 16-20, 2010.**

Wall, C.C., M.A. Roffer, C. Hu and F.E. Muller-Karger. *Remotely sensed red tide features and their relationship with recreational king mackerel catch off west-central Florida*, presented at the Gulf and Caribbean Fisheries Institute 58th Annual Conference, Belize City, Belize, **November 6-10, 2006.**

Wall, C.C., M.A. Roffer, C. Hu and F.E. Muller-Karger. *Analysis of automated frontal detection for inner West Florida Shelf waters*, presented at the NASA Inter-Disciplinary Study Meeting Washington, DC, **August 2005.**

Wall, C.C., M.A. Roffer, M.E. Luther and F.E. Muller-Karger. *Analysis of ocean color data and the apparent abundance of king mackerel in offshore Tampa waters*, presented at the NASA Ocean Color Research Team Meeting, Portland, OR, **April 12-14, 2005.**

Wall, C.C., M.A. Roffer, M.E. Luther and F.E. Muller-Karger. *Study of the relationship between ocean environmental parameters and pelagic king mackerel fish resources*, presented at the Gulf and Caribbean Fisheries Institute Conference. St. Petersburg, FL, **November 8-12, 2004.**

AWARDS, SCHOLARSHIPS AND CERTIFICATIONS

2014 NOAA NGDC Customer Service Award
2010-2012 AAUS Scientific Diver
2008-2012 Univ. of South Florida & U.S. Geological Survey Graduate Assistantship
2008-2012 DAN First Aid/CPR/Oxygen Administration
2005 Old Salt Marine Biology Scholarship and Aylesworth Scholarship (Florida Sea Grant, Old Salt Fishing Club and Aylesworth Foundation for the Advancement of Marine Science)
2005 Univ. of South Florida Paul L. Getting Memorial Endowed Fellowship
2005 Initiated and confirmed \$100,000 endowment to the Univ. of South Florida, College of Marine Science from the Southern Kingfish Association

PROFESSIONAL AFFILIATIONS

American Society of Ichthyologist and Herpetologists (ASIH)
Acoustical Society of America (ASA)
American Fisheries Society (AFS)

TEACHING EXPERIENCE

Experience teaching 3rd year level undergraduate students marine ecology, specifically focusing on estuarine and coastal ecosystems.