

College of Marine Science
University of South Florida
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March 2021

Education:

Ph.D. Earth Science & Scripps Ins

- Present Professor, College of Marine Science, University of South Florida, St. Petersburg, Florida.
- 1/17–Present Associate Dean for the Graduate Program, Academic Programs, and Student Affairs,
- South
- Florida, St. Petersburg, Florida.
- 2/00–2/04 Co–Director of the Center of Coastal Ocean Mapping, College of Marine Science, University of South Florida, St. Petersburg, Florida.
- 8/96–7/00 Associate Professor, Department of Marine Science, College of Arts and Sciences, University of South Florida, St. Petersburg, Florida.
- 10/92–5/96 Adjunct Professor at the Graduate School of Oceanography at the University of Rhode Island, Narragansett, Rhode Island.
- 1/90–8/96 Assistant Professor, Department of Marine Science, University of South Florida, St. Petersburg, Florida.
- 10/86–12/89 Visiting Professional Colleague in Marine Geology and Geophysics, Hawaii Institute of Geophysics, University of Hawaii, Honolulu, Hawaii.
- 7/82–10/86 Research Assistant, Scripps Institution of Oceanography, University of California, San Diego, California.
- 9/83–12/83 Teaching Assistant, Scripps Institution of Oceanography, University of California, San Diego, California.
- 12/79–6/82 Computer Lab Assistant, Department of Geological Sciences, University of California, Santa Barbara, California.

Honors and Awards:

Editor’s Citation for Excellence in Refereeing for the
() in 2000

15. Summer 1996: IEEE AUV Conference near the Naval Post-graduate School in Monterey, California: Participant,
16. Fall 1996: NSF Conference on the Magnetization of Oceanic Crust in the San Juan Islands: Co-chair.
17. Fall 1997: RIDGE Conference on Mid-Ocean Ridge Processes in Iceland: Presenter and participant.
18. 1997–2000: United States Scientific Advisory Committee for the National Science Foundation’s Ocean Drilling Program (chaired by Peggy Delaney)–Note: Tim Bralower and I co-authored, “Understanding the Earth Through Ocean Drilling,” the proposal submitted by USSAC for the US involvement in the (first) IODP: Member.
19. Summer 1998: Penrose Conference on Ocean Island Volcanoes in the Galapagos Islands: Presenter and Participant.
20. Fall 1998: Multibeam Short Course in Singapore: Participant.
21. Spring 1999: Florida Marine Research Institute’s Marine Quest on April 22–24: Presenter and Participant.
22. Summer 1999: FEMME ’99 Forum for EM Multibeam Experience: Pr 337 -se in Singapore: nter“e-9

36. April 23–29, 2001: Mobilization of the Sustainable Seas Expedition multibeam mapping project in American Samoa in collaboration with Nancy Daschbach and Dawn Wright.
37. May 14–16, 2001: NSF and ONR sponsored Data Base Management workshop at the Sea Lodge in La Jolla, California: Participant, Presenter, and Discussion Leader of the Metadata Working Group.
38. July 22–25, 2001: Interim Site Survey Panel for the international Integrated Ocean Drilling Program, Lamont-Doherty Earth Observatory, NY: Participant.
39. September 24–27, 2001: University of New Hampshire Shallow 2001 Multibeam Conference, Oral presentation and poster presentation: Presenter and Participant.
40. October 11–25, 2001: Hosted two visitors from France, Gente and Blais, modeling changes in plate motion using the wax modeling apparatus at the USF College of Marine Science Plate Tectonics Lab: Host.
41. January 15–17, 2002: ONR Mine Burial and Scour Workshop at Scripps Institution of Oceanography, La Jolla, California: Participant.
42. February 25–27, 2002: Interim Site Survey Panel for the International Integrated Ocean Drilling Program, Beijing, China: Participant.
43. July 22–24, 2002: Interim Site Survey Panel for the international Integrated Ocean Drilling Program, Lamont-Doherty Earth Observatory, NY: Participant.
44. October 23–25, 2002: ABYSS Workshop—Author of Plate Tectonic Section, Presenter and Participant.
45. November 14, 2002: ONR Mine Burial and Scour Pre-Experiment Meeting at USF College of Marine Science: Host.
46. December 7, 2002: NSF Post-cruise Meeting II at the AGU in San Francisco: Convener.
47. January-March 2003: ONR Mine Burial and Scour Experiment near Clearwater, Florida January–March 2003: Site Coordinator.
48. January 28–30, 2003: Annual ONR Mine Burial and Scour meeting at St. Petersburg, Florida: Host, Presenter,

57. September 8–

82. April 13–14, 2006: NSF Ridge 2000 Steering Committee Meeting, NSF, Arlington, Virginia: Participant.
83. May 1–3, 2006: NOAA Benthic Habitat Committee Meeting, FWRI, FWC, St. Petersburg, Florida: Participant.
84. May 2006: Two NSF Panels: Participant.
85. June 25–30, 2006: NSF Ridge 2000 Theoretical Institute Short Course on Hydrothermal Systems and Mammoth Lake Field Trip, Mammoth Lakes, California: Participant.
86. November 2–3, 2006: NSF Ridge 2000 Steering Committee Meeting, Scripps Institution of Oceanography, La Jolla, California: Participant.
87. April 23–24, 2007: NSF Ridge 2000 Steering Committee Meeting, Austin, Texas: Participant.
88. December 5–9, 2011: Fall AGU Judge of Student Presentations, San Francisco, California: Participant.
89. March 13, 2012: The first Southeast Acoustic Consortium (SEAC) workshop at the Marine Science Program at the North Miami Campus of Florida International University (FIU), Miami, Florida: Presenter and Participant.
90. October 25–28, 2012: 19th Annual Institute on Teaching and Mentoring, Sponsored by The Compact for Faculty Diversity at the Tampa Marriott Waterside, Tampa Florida (a Diversity workshop/conference sponsored also in part by the Alfred P. Sloan Foundation Minority PhD Program, USF, and NSF: Participant.
91. May 20–22, 2013: Workshop on the Interrelationships Between Coral Reefs and Fisheries, hosted by the Gulf of Mexico Fishery Management Council in Tampa Florida: Presenter and Participant.
92. October 1–4, 2013: 40 Years Strong: Creating a Transformative STEM Workforce, JW Marriott hosted by The National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCChE) in Indianapolis, Indiana: Participant.
93. October 31–November 3, 2013: 20th Annual Institute on Teaching and Mentoring, Sponsored by The Compact for Faculty Diversity at the Crystal Gateway Marriott, Diversity workshop/conference sponsored in part by the Alfred P. Sloan Foundation Minority PhD Program in Arlington, Virginia: Participant.
94. September 2014: SACNAS conference, USF/CMS Recruiting Booth, Los Angeles, California: Recruiter and Participant.
95. October 2014: Attended the 21st Annual Institute on Teaching and Mentoring, Sponsored by The Compact for Faculty Diversity, a workshop/conference sponsored in part by the Alfred P. Sloan Foundation Minority PhD Program, Atlanta, Georgia: Participant.
96. October 2015: Attended the SACNAS conference, USF/CMS Recruiting Booth, Washington DC: Recruiter and Participant.
97. November 2015: Attended the 22nd Annual Institute on Teaching and Mentoring, Sponsored by The Compact for Faculty Diversity, a workshop/conference sponsored in part by the Alfred P. Sloan Foundation Minority PhD Program, Arlington, Virginia: Participant.

98. February 2016: National Ocean Science (Spoonbill) Bowl: Served in Judges

3. University of South Florida President's Council, "Video Taping of Seafloor Spreading Using Molten Wax," 5/1/91 to 8/1/92, \$3,000.
4. University of South Florida Research Council Travel Grants to Japan and Austria, 5/1/91 to 8/1/92, \$2,000.
- 5.

36. Office of Naval Research, "Sediment Dynamics on the West Florida Inner Continental Shelf" 1/1/02 -12/31/02, \$698,000 (P. Howd, Lead P.I., D.F. Naar, S. Locker, and A. Hine, Co-P.I.s; \$349,000 to Naar).
37. Office of Naval Research (DURIP), "Upgrade of Seafloor Mapping Capabilities for ONR Mine Burial and Scour Studies," 4/1/02– 9/30/03, \$200,000.
38. Florida Institute of Oceanography, "Multibeam Mapping and Geochemical Investigation of the Ft. Myers Mud springs," 1/1/02–6/30/02, \$18,000 (R.H. Byrne, Lead P.I., and D.F. Naar, Co-P.I.; funds paid for ship).
- 39.

4. Mammerickx, J., D.F. Naar, and R.L. Tyce, The Mathematician paleoplate, *J. Geophys. Res.* 93, 3025–3040, 1988.
5. Francheteau, J., P. Patriat, J. Segoufin, R. Armijo, M. Doucoure, A. Yelles-Chaouche, J. Zukin, S. Calmant, D.F. Naar, and R.C. Searle, Pito and Orongo

20. Hekinian, R., J. Francheteau, R. Armijo, J.P. Cogne, M. Constantin, J. Girardeau, R. Hey, D.F. Naar, and R. Searle, Petrology of the Easter microplate region in the South Pacific,

- Pito Deep area of the Easter microplate using a submersible magnetometer, *Mar. Geophys. Res.* 23(1), 1–12, 2002.
34. Blais, A., P. Gente, M. Maia, and D.F. Naar, A history of the Selkirk paleomicroplate, *Tectonophysics* 359(1–2), 157–169, 2002.
 35. , A. Hine, P. Hallock, S. Locker, E. Shinn, D. Naar, and D. Weaver, Development of small carbonate banks on the south Florida platform margin: Response to sea level and climate change, *Marine Geology* 199 (1–2), 45–63, 2003.
 36. Harrison, S.E., S.D. Locker, A.C. Hine, J.H. Edwards, D.F. Naar, D.C. Twitchell, and , Sediment-starved sand ridges on a mixed carbonate/siliclastic sand inner shelf of west-central Florida, *Marine Geology* 200, 171–194, 2003.
 37. Hey R., E. Baker, D. Bohnenstiehl, G. Massoth, M. Kleinrock, F. Martinez, D. Naar, D. Pardee, J. Lupton, R. Feely, J. Gharib, J. Resing, C. Rodrigo, F. Sansone, and S. Walker, Tectonic/volcanic segmentation and controls on hydrothermal venting along Earth's fastest seafloor spreading system, EPR 27°–32°S, *G-Cubed*: 8

predictions of wave-induced burial. In: Wilkens R.H and M.D. Richardson (Editors) for a Special Issue on Mine Burial Processes.

, M. Hommeyer, and J. Chen, Seafloor Geodesy in Shallow Water with GPS on an Anchored Spar Buoy, *J. Geophys. Res. Solid Earth*, 124:12,116-12,140, 2019. [https://doi.org/ 10.1029/2019JB018242](https://doi.org/10.1029/2019JB018242).

, S.E. Grasty, S.A. Murawski, and D.F. Naar, Reef Fish Densities Determined by Acoustics and Video Technologies – Comparative or Complimentary?, submitted to *Fisheries Research* in December 2019.

Books and Monographs:

1. Naar, D.F.,

- habitats*. (Harris, P.T. and Baker, E.D., eds.), Elsevier, Amsterdam, 435–448, ISBN: 978-0-12-385140-6, 2012.
7. Wright, D.J., J.T. Roberts, D. Fenner, J.R. Smith, A.P. Koppers, D.F. Naar, E.R. Hirsch, L.W. Clift, and K.R. Hogrefe, Ch. 58: Seamounts, Ridges, and Reef Habitats of American Samoa. *In Seafloor Geomorphology as Benthic Habitat: GeoHab Atlas of seafloor geomorphic features and benthic habitats*. (Harris, P.T. and Baker, E.D., eds.), Elsevier, Amsterdam, 791–806, ISBN: 978-0-12-385140-6, 2012.
 8. *Mueller, M.*, J. Froeschke, and D. Naar, Chapter 13: Progressing from data to information: Incorporating GIS into coral and fisheries management, *In* _____ CRC Press 2014, Ed. S. Bortone, ISBN:978-1-4665-8830-1, pages 237–252, 2014.
 9. _____, *S.E. Grasty*, *A. Ilich*, _____, D.F. Naar, and S.A. Murawski, Characterizing benthic habitats in two Marine Protected Areas on the West Florida Shelf, GeoHab Atlas, <https://doi.org/10.1016/B978-0-12-814960-7.00036-1> Chapter

- investigation of ridge-hotspot interaction at the Galapagos spreading center, *Interridge News* 5 (2), 32–35, 1996.
9. , and D.F. Naar, Triple junction migration and plate boundary reorganization of the Juan Fernandez microplate, *Annales Geophysicae* 14, C194, 1996.
 10. Naar, D.F., Diving into the Ring of Fire, MOSI Magazine, Fall Edition, 8–9, 1997.
 11. , D. Naar, A. Hine, M. Hafen, S. Schock, S. Smith, J. Kloske, G. Gelfenbaum, D. Wilson, D., Lavoie, M. Richardson, Acoustic seafloor mapping

19. Lundblad, E.R., D.J. Wright, D.F. Naar, J. Miller, E.M. Larkin, and R. Rinehart, Classifying Deep Water Benthic Habitats Around Tutuila, American Samoa, Manuscript in the *Proceedings Volume of the August 2004 ESRI meeting in San Diego, California*, paper number 1208, pages 1–20, 2004.
20. Smith, W., and Abyss-Lite NRC Decadal Team, A radar altimeter for bathymetry, geodesy, and mesoscale oceanography, A mission concept submitted to the NRC Decadal Survey, June 16, 2005.
21. Karson, J.A., J. Francheteau, J.S. Gee, K.M. Gillis, N.W. Hayman, R. Hékinian, R.N. Hey, S.D. Hurst, E.M. Klein, D.F. Naar, R.J. Varga, and Pito Deep 2005 Scientific Party, Nested-Scale Investigation of Tectonic Windows into Super-Fast Spread Crust Exposed at the Pito Deep Rift, Easter Microplate, SE Pacific, *InterRidge News 14*, 5–8, 2005.
22. Cross, V.A., D.C. Twichell, R.B. Halley, K.T. Ciembronowicz, B.D. Jarrett, E.S. Hammar-Klose, A.C. Hine, S.D. Locker, and D.F. Naar, GIS Compilation of Data Collected from the Pulley Ridge Deep Coral Reef Region, U.S. Geological Survey Open-File Report 2005-1089, DVD, 2005.
23. Naar D.F. NOAA National Centers for Environmental Information: multibeam bathymetry database (MBBDB), [USF1999-2009]. NOAA national centers for environmental information, National Geophysical Data Center, NOAA, https://www.ngdc.noaa.gov/ships/bellows/USF1999_mb.html, 2009.
24. Miligan, L.J., ¹Abigail Metcalfe,¹ A. Metcalfe, L.K. Brooks, D. Scholtz, L.J. Scott, G.R. Foulger, D.F. Naar, J.H. Natland, E. Bonatti, The Easter – Salas

8. Naar, D.F., and R.N. Hey, Past and present motions of the Easter microplate, Vancouver IUGG, *Union Abstracts 1*, 85, 1987.
9. Francheteau, J., P. Patriat, J. Segoufin, R. Amijo, M. Doucoure, S. Calmant, D.F. Naar, and R. Searle, Pito and Orongo fracture zones: The northern and southern boundaries of the Rapanui (Easter) microplate, *Eos Trans. AGU 68*, 1477, 1987. Invited.
10. Naar, D.F., and R.N. Hey, The spinning Easter microplate, *Eos Trans. AGU 68*, 1477, 1987. Invited.
11. Sempere, J.C., D.F. Naar, J. Gee, and R.N. Hey, Three-dimensional inversion of the magnetic field over the Easter-Nazca propagating rift near 25°S, 112° 25'W, *Eos Trans. AGU 68*, 1477, 1987. Invited.
12. Hey, R.N., D.F. Naar, J. Francheteau, and S. Stein, SeaMARC II investigation of the Easter microplate, *Eos Trans. AGU 69*, 266, 1988.
13. Baker, N.A., R.A. Hagen, D.F. Naar, and R.N. Hey, Bathymetry and submarine geology in the vicinity of Easter Island from SeaMARC II and Sea Beam data, *Eos Trans. AGU 69*, 1429, 1988.
14. Hey, R.N., A. Klaus, W. Ica, and D.F. Naar, SeaMARC II survey of the propagating limb of a large non-transform offset along the fastest spreading EPR segment, *Eos Trans. AGU 69*, 1429, 1988.
15. Naar, D.F., and R.N. Hey, EPR transform speed limit and Pacific-Easter-Nazca plate motions during the Brunhes, *Eos Trans. AGU 69*, 1422, 1988.
16. Rusby, R.H., R.C. Searle, J. Engeln, R.N. Hey, D.F. Naar, and J. Zuckin, GLORIA and other surveys of the Easter and Juan Fernandez microplates, *Eos Trans. AGU 69*, 1429, 1988.
17. Naar, D.F., R.N. Hey, F. Martinez, T. Reed, and S. Stein, Tectonic origin and evolution of the Easter microplate, *Eos Trans. AGU 70*, 1318, 1989.
- 18.

25.

42. , and D.F. Naar, Intratransform origins of some MOR microplates, *Eos Trans. AGU* 75, 330, 1994.
43. Francheteau, J., D.F. Naar, R. Armijo, J.P. Cogne, M. Constantin, J. Girardeau, R. Hekinian, R. Hey, and R. Searle, Black smoker discovered, Pito Seamount near Easter microplate propagator tip, *Eos Trans. AGU* 75, 322, 1994. Invited.
44. , D.F. Naar, X. Zhong, and H. Ji, Extracting drainage networks from digital elevation models based on catchment areas, *Eos Trans. AGU* 75, 28, 1994.
45. Naar, D.F., and R.H. Weisberg, Upper ocean circulation modified by the bathymetry resulting from large-offset rift propagation, proceedings of the Oceanography Society Pacific Basin Meeting, 65, 1994.
46. , D.F. Naar, C.R. Scotese, and R.L. Larson, The kinematic history of the Juan Fernandez microplate at the Pacific-Nazca-Antarctic triple junction, *Eos Trans. AGU* 75, 609, 1994.
47. , , and D.F. Naar, Seamount abundance and distribution near Easter Island from GLORI-B swath bathymetry, *Eos Trans. AGU* 75, 582, 1994.

- Tortugas, and Marquesas, Florida, GSA 1995 Annual Meeting, New Orleans, LA, GSA abstracts 27 (6;36103), 1995.
57. and D.F. Naar, Episodic rift propagation and lithospheric capture caused the southwestern boundary of the Juan Fernandez microplate and the Pacific-Juan Fernandez-Antarctic triple junction to jump, *Eos Trans. AGU*, 76, F570, 1995.
 58. Tebbens S., D.F. Naar, and S. Kruse, The Friday microplate: Birth of the northern Chile Ridge spreading center, abandonment of a transform fault, and migration of a triple junction, *Eos Trans. AGU*, 76, F570, 1995.
 59. , D.F. Naar, , S.E. Kruse, and R.N. Hey, Hot bubbles, formation of the Easter seamount chain, *Eos Trans. AGU*, 76, F586-F587, 1995.
 60. , , D.F. Naar, C. Barton, and R.N. Hey, Seamounts surrounding Easter Island follow power law distribution, *Eos Trans. AGU*, 76, F328, 1995.
 61. Naar, D.F. and S.F. Tebbens, Mathematician paleoplate revisited suggests two-stage birth of East Pacific Rise, European Geophysical Society abstract, 1996.
 62. and D.F. Naar, Triple junction migration and plate boundary reorganization at the Juan Fernandez Microplate, European Geophysical Society abstract, 1996.
 63. , D.F. Naar, and S.E. Kruse, Nazca-Pacific history since 30 Ma along the Easter chain, *Eos Trans. AGU* 77(46), F728, 1996.
 64. Canales, J.P., D.R. Bartolome, J.J. Danobeitia, R. Detrick, E.E.E. Hooft, and D. Naar, Variations in axial morphology along the Galapagos spreading center and the influence of the Galapagos hotspot, *Eos Trans. AGU* 77(46), F663, 1996.
 65. , A. Hine, D. Naar, , S. Schock, S. Smith, G. Gelfenbaum, D. Wilson, and D. Lavoie, Seafloor mapping using the autonomous underwater vehicle (AUV) Ocean Explorer, *Eos Trans. AGU* 78 (46), F350, 1997.
 66. Kruse, S.E., R.A. Pockalny, and D.F. Naar, Structure associated with transpression preserved at the Udintsev fracture zone, *Eos Trans. AGU* 78 (46), F727, 1997.
 67. , A.C. Hine, and D.F. Naar, Correlating geophysical, sedimentary, and hydrologic characteristics of two areas of carbonate-siliciclastic sand ridges on Florida's Gulf Coast, *Eos Trans. AGU* 78 (46), F348, 1997.
 68. Maia, M., R. Hekinian, G.A. Dehghani, P. Gente, D. Naar, J. O'Connor, K. Perrot, J. Phipps Morgan, G. Ramillien, S. Revillon, A. Sabetian, D. Sandwell, and P. Stoffers, Preliminary results of the "Foundation Hotline" Cruise: a ridge-hotspot interaction in the South Pacific, *Eos Trans. AGU* 78 (46), F693, 1997.

- Multidisciplinary Investigation of the Fastest Ridge: Tectonic segmentation and hydrothermal patterns, *Eos Trans. AGU 79(45)*, F831, 1998.
72. , S.F. Tebbens, M.C. Kleinrock, and D.F. Naar, Episodic triple junction migration by rift propagation and microplates, *Eos Trans. AGU 79(45)*, F859, 1998.
73. Naar, D.F., The underlying tectonic structure of the Galapagos Archipelago, *Eos Trans., AGU 79(45)*, F871, 1998.
74. Hey, R.N., M.C. Kleinrock, F. Martinez, D. Bohnenstiehl, D.R. Pardee, D.F. Naar, C. Rodrigo, M. Davis, E.T. Baker, and G.J. Massoth, High-resolution mapping and imaging of the fastest seafloor spreading system, *Eos*

- Proceedings of the American Academy of Underwater Sciences, Diving for Science, Twentieth Annual Scientific Diving Symposium, page 14, October 2000.
86. *Burroughs, S.M., S.F. Tebbens, C.C. Barton, and D.F. Naar, Hotspot seamount formation as an example of self-organized criticality, Eos Trans. AGU 81(48), F559, 2000.*
 87. *Jarrett, B.D., A.C. Hine, C. Neumann, D. Naar, S.D. Locker, , and W. Jaap, Deep biostromes at Pulley Ridge; Southwest Florida carbonate platform, Eos Trans. AGU 81(48), F737, 2000.*
 88. *Naar, D.F., and P. Wessel, Hotspotting the Easter-Salas y Gomez-Nazca seamount Chain, Eos Trans. AGU 81(48), F1374, 2000.*
 89. *, D.F. Naar, K.L. Carder, and P.A. Howd, Hyperspectral remote sensing of nearshore bathymetry offshore of Sarasota, Florida: Comparisons with high-resolution multibeam bathymetry, Eos Trans. AGU 83(4), OS164, 2002.*
 90. *Naar, D.F., K.T.M. Johnson, P. Wessel, D. Pyle, Preliminary mapping and*

inter-hotspot motion, p. 48, O-0010, *Proceedings of the EGS-AGU-EUG Joint Assembly Nice, France, 6-11 April,*

Oceanographic Research Cruises:

November, Side-scan and 3.5 kHz investigation of the Santa Barbara Channel and the Anacapa Passage, Santa Barbara-Santa Barbara, University of California, Santa Barbara, chief scientist B.P. Luyendyk, *R/V Ellen B. Scripps*.

July, Side-scan and 3.5 kHz investigation of the Santa Barbara Channel, deployment/retrieval of an ocean bottom seismometer, and development of real-time plotting package, Oxnard Santa Barbara-Santa Barbara-Oxnard, University of California, Santa Barbara, chief scientist W.A. Prothero, *R/V Ellen B. Scripps*.

September, Deployment of an ocean bottom seismometer near Point Conception and testing of real-time plotting package, Oxnard-Oxnard, University of California, Santa Barbara, chief scientist W.A. Prothero, *R/V Ellen B. Scripps*.

June, Sea Beam test cruise of the San Clemente Escarpment, California Borderland, San Diego-San Diego, Scripps Institution of Oceanography, chief scientist M.C. Legg, *R/V Thomas Washington*.

April, Sea Beam investigation of the Easter microplate, Easter Island- Callao, Scripps Institution of Oceanography, chief scientist R.N. Hey, *R/V Thomas Washington*.

February, Sea Beam mapping and dredging of the Popcorn Ridge, Baja California Borderland, San Diego-San Diego, Scripps Institution of Oceanography, chief scientist H. Craig, *R/V Thomas Washington*.

July, Hydrocast measurements of the central North Pacific gyre, dredging of the outer Hawaiian Island chain, and hand collection of subaerial olivine-basalts (via an inflatable Zodiac), Honolulu-Honolulu, Scripps Institution of Oceanography, chief scientist H. Craig, *R/V Melville*.

November-December, Sea Beam investigation of the Mathematician paleomicroplate, Manzanillo-Pago Pago, Scripps Institution of Oceanography, chief scientist J. Mammerickx, co-chief scientist D.F. Naar, *R/V Thomas Washington*.

January-February, Sea Beam investigation of the northern and southern boundaries of the Easter microplate, Easter Island-Easter Island, chief scientist J. Francheteau, co-chief scientists D.F. Naar and R.C. Searle, *R/V Jean Charcot*.

April, SeaMARC II test cruise in the Alenuihaha Channel, Honolulu-Kawaihae, chief scientist T. Reed, *R/V Moana Wave*.

October-November, SeaMARC II investigation of the Easter microplate, Easter Island-Easter Island, chief scientist R.N. Hey, co-chief scientist D.F. Naar, *R/V Moana Wave*.

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2005:

January-March, Alvin, Jason, DSL120 investigation of crustal structure at Pito Deep, Easter Island–Tahiti, J. Karson, Ch. Sci., co-chiefs, D. F. Naar, R. Hey, and E. Klein, / .

July-August 2005: Land Support for 3 NOAA legs of the R/V Suncoaster EM 3000 Multibeam survey of Florida Middle Ground and NW Florida Shelf Edge Corridor and Fill-In areas, St. Petersburg–St. Petersburg, chief scientist B. Donahue, / .

August, 2005: Hull-Mounted EM3002 Sea Trial and scour investigation of Artificial Reefs, Ancona–Ancona, Italy, chief scientist, G. Fabi, / .

2006:

February, Hull-Mounted EM3002 Sea Trial and EM3000 Comparison, Horten–Horten, Norway, chief scientist, D.F. Naar, / .

July, Completion of mapping and sampling the Florida Middle Ground HAPC and nearby areas using Simrad EM 3000 multibeam sonar, St. Petersburg–St. Petersburg, Florida, chief scientist, D.F. Naar, co-chief, B. Donahue, / .

2007:

February, Multibeam Mapping of Northern Pulley Ridge Paleo-shoreline, St. Petersburg-St. Petersburg, Florida, chief scientist, D.F. Naar, co-chief, B. Donahue, / .

March, Multibeam Mapping Transects South of Panama City Beach, St. Petersburg-St. Petersburg, Florida, chief scientist, D. F. Naar, co-chief, B. Donahue, / .

November, Multibeam Mapping of Southwestern Pulley Ridge Area, St. Petersburg-St. Petersburg, Florida, chief scientist, D.F. Naar, co-chief, B. Donahue, / .

December, Multibeam Mapping Additional transects south of Panama City Beach, St. Petersburg-St. Petersburg, Florida, chief scientist, D.F. Naar, co-chief, B. Donahue, / .

2008:

August, Multibeam Mapping of Coral Reef Slope Collapse surrounding Male, Republic of the Maldives, Male-Male, chief scientist, D.F. Naar, co-chief B. Donahue, / .

2009:

April, Multibeam Mapping of Sambo Key, Key West, and Pulley Ridge, St. Petersburg-Key West- St. Petersburg, chief scientist, D.F. Naar, co-chief, B. Donahue, / .

August, Multibeam Mapping of Pulley Ridge, St. Petersburg-St. Petersburg, chief scientist, D.F. Naar, co-chief, B. Donahue, / .

October-November, Kongsberg EM 710 (70-100 kHz) multibeam bathymetry and backscatter survey of Deep Corals surrounding Florida along the shelf slope, Pascagoula–Pascagoula, chief scientist, D.F. Naar, *R/V Lost Coast Explorer*.

May, Reson 7125 (200-400 kHz) multibeam bathymetry and backscatter survey offshore of Panama City Beach, Panama City Beach- Panama City Beach, chief scientist, D.F. Naar, *R/V SEAS*.

September, Reson 7125 (200-400 kHz) Mobilization and Sea Trial in Tampa Bay, chief scientist, C. Lembke, co-chief, D.F. Naar.

May, NSF REU FIO Demonstration Cruise using Reson Dual-head Seabat Multibeam (200-400 kHz), EK-80, CTD, Rosette, in Tampa Bay and the Gulf of Mexico, St. Petersburg–St. Petersburg, /DsPam

S. Sherman, M.S.
**L. Stewart, M.S.
E. Tenthorey, M.S.
J. van Gaalen, M.S.
C. Wall, Ph.D.
*J. Wang, M.S.
M. Wang, Ph.D.
**D. Wilder, M.S.
**M. Wolfson, M.S.

Student Committees Currently Serving On (**Advisor, *Co-Advisor):

*E. Hughes, Ph.D.
**C. Dietrick, Ph.D.
**M. Mussett, M.S.
*A. Ellis, Ph.D.
*T. Bartlett, M.S.
A. Burns, M.S.
F. Stengard, Ph.D.

Technicians, Data Processors, and Staff Supervised:

A. Arellano
T. Bartlett
K. Ciembronowicz
N. Comer
M. Cook
B. Donahue
S. Francis
D. Gaydos
D. Ishler
S. Mahank
M. McIntyre
B. Reynolds
S. Shedler
B. Sheehy
M. Wilson

Committee Service:

1. Department of Marine Science: Library Committee, Chair
2. Department of Marine Science: Computer Committee
3. Department of Marine Science: Recruitment Committee
4. Department of Marine Science: Long-Term Planning Committee
5. Department of Marine Science: Fellowship Committee, Chair
6. Department of Marine Science: Budget Committee

7. Department of Marine Science: Search Committee, Chair
8. Department of Marine Science: Tenure and Promotion Committee
9. Department of Marine Science: Faculty Evaluation Committee, Chair, member
10. College of Arts and Sciences: Academic Computing Committee
11. College of Arts and Sciences: Grievance Committee
12. College of Arts and Sciences: Search Committee for College Statistician
13. College of Marine Science: Fellowship Committee, Chair
14. College of Marine Science: Library Committee
15. College of Marine Science: Computer Committee
16. College of Marine Science: Recruitment Committee
17. College of Marine Science: Long-Term Planning Committee
18. College of Marine Science: Budget Committee
19. College of Marine Science: Tenure and Promotion Committee
20. College of Marine Science: Dean's Advisory Council (Representative for the Geological Oceanography Group and then as Chair)
21. University Library Liaison for Department
22. University Academic Computing Committee as both a College of Arts and Sciences and a College of Marine Science Representative
23. University Computing/Data Communications Technical Advisory Group
24. University Task Force on Scientific and Technical Computing
25. University Steering Committee for a new Marine Engineering Institute
26. University Academic Support Enhancement at St. Petersburg Campus
27. University Search Committee for Librarian at St. Petersburg Campus
28. University Campus Faculty Council at St. Petersburg Campus
29. University Capital Improvement Trust Funds Committee at St. Pete Campus
30. University Search Committee for a new Dean of the Arts and Sciences College
31. University Search Committee for a new Dockmaster at USF-St. Petersburg
32. University Search Committee for a new Dean of the College of Marine Science at USF-St. Petersburg
33. University Search Committee for a new ITO (Information Technology Officer)
34. University Search Committee for a new Graduate School Dean.
35. College of Marine Science: Search Committee for a new Phytoplankton Professor
36. University Graduate Council
37. University Enrollment/Graduate Associate Deans (EGAD)
38. University Global Academic Partnerships
39. University SACS Steering Committee
40. University Faculty Senate Alternate
41. University CEPI–Council for Education and Policy Issues
42. College of Marine Science Search Committee for Academic Affairs Assistant
43. College of Marine Science Curriculum Committee
44. University Honors and Awards Council
45. University Ad Hoc Committee on Closed Captioning for Teaching Materials
46. College of Marine Science: Integrated Marine Science Exam Committee
47. College of Marine Science: Admissions Committee, Chair
48. University Status Of Latinos (SOL) Presidential Advisory Committee
49. University Council of Associate Deans

50. University Council of Chairs and Directors
51. University Data Dive Metrics Group
52. University Academy for Teaching and Learning Excellence
53. College of Marine Science: Faculty Search for Chemical Oceanographer
54. College of Marine Science: Faculty Search for Geological Oceanographer
55. University Provost Task Force for Graduate and Professional Student Success
56. University Faculty Information System in Archivum Advisory Group
57. University Initiative on Classroom Alignment, Capacity, and Teaching to Demand (ClassACT)
58. University President's Council Club

Course Taught:

1. Plate Tectonics (Graduate)
2. Geological Oceanography (Graduate)
3. Seamounts (Graduate)
4. Plate Tectonics (Undergraduate)
5. Basic Oceanography (Undergraduate)
6. Structural Geology (Undergraduate)
7. Methods in Seafloor Mapping (Graduate)
8. Methods in Marine Geophysics (Graduate)
9. Surf Science (Undergraduate and Graduate)
10. Advanced Undergraduate Oceanography (Undergraduate)
11. Introduction to Oceanography (Undergraduate Survey Course 3 lectures)
12. Remote Sensing (acoustic methods for seafloor and water column mapping lecture)
13. Research Experience for Undergraduates (Undergraduate)
14. Honors Course in Marine Studies of Estuaries (Undergraduate)

Invited Presentations:

February 5, 1990, "Large-Scale Plate Boundary Reorganization at the Easter Microplate," IGPP Geophysics Seminar at Scripps Institution of Oceanography, University of California, San Diego.

February 21, 1991, "Propagating Rifts and Microplates: Second-Order Plate Tectonics," Florida Institute of Oceanography and the Southwest Florida Teacher Education Center, Fort Myers.

March 8, 1991, "Microplates and Propagating Rifts," Geology Department Colloquium, University of South Florida, Tampa.

March 25, 1992, "Seafloor Spreading Processes and their Physical Simulation," Geology Department, University of Florida, Gainesville.

March 26, 1992, "Microplates at Mid-Ocean Ridges and in Molten Wax," Rosenstiel School of Marine and Atmospheric Science, University of Miami.

March 27, 1992, "Seafloor Spreading and Its Simulation in Molten Wax," Physics Department, University of South Florida, Tampa.

January 29, 1993, "Hotspots and Mid-Ocean Ridge Interactions: The Easter Seamount Chain" Geology Department, University of South Florida, Tampa.

March 11, 1993, "The Easter Seamount Chain and its Relationship to microplates, hotspots, and the East Pacific Rise" Graduate School of Oceanography, University of Rhode Island, Narragansett.

December 3, 1993, "Black Smokers on Pito Seamount" Marine Science Department, University of South Florida, St. Petersburg.

January 4, 1994, "Black Smokers near Easter Island" Shriner's Club, St. Petersburg.

February 2, 1994, "Active Black Smokers and Various Creatures near Easter Island" USF Bayboro Lyceum Series, St. Petersburg.

August 1, 1994, "Superfast Seafloor Spreading Seen by Side-Scan Sonar" Scan Sona hr0.24 0 4 15 re 1ib Luncheon, St. Pet0.24 0 4 15 re 1burg.

S0.24 Opt0.24 Orber 28, 1994, "Volcanic Eruptions around Easter Ie 1t0.24 Or Ire 1ln in the South Pacific" Eckerd College, St. Pet0.4 (r) -7 (re 1bur) -7 (g.)] TJ ET Q q 0.24 0 0 0.24 9.3543 592.8057 cmBT 50 0 0 50

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Lecture, St. Pet0.4 (r) -7 (re 1bur) -7 (g.)] TJ ET Q q 0.24 0 0 0.24 9.3543 592.8057 cmBT 50 0 0 50 808 -1

University of South Florida, Tampa. Scan Sona July 15, 1995, "Active Underwater Volcanoes" Marine C

partment of
Environment Protection's Florida Marine Research Institute Public Open House, St.
Pet0.rrre 1burg.

May 8, 1996, "Mathematical paleoplate revisited re rugged tectonic birth of Europe [(S) -4 (c) 4 (a) 4
-Ocean Ridge Processes re 1ere 1ere
Geophysical Society meeting in the Hague, Netherlands.

May 17, 1996, "Microplate Tectonic Processes re 1ere 1ere 1" Institute of Earth Sciences (CSIC),
Barcelona, Spain.

April 2, 1997, "Microplate Interactions with Hotspot Volcanism re 1r" University of
California, Santa Cruz, California.

April 3, 1997, "Microplate Interactions with Hotspot Volcanism" Colorado College,
Colorado Springs, Colorado.

November 13, 1997, "Volcanic Chains in the Southeast Pacific" Geology Department,
Vanderbilt University, Nashville, Tennessee.

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