

## Terrence M. Quinn

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### EDUCATION

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1982 B.S., Department of Earth Sciences, SUNY-Oneonta, Oneonta, NY  
1984 M.S., Department of Geology, Wichita State University, Wichita, KS  
1989 Ph.D., Department of Geological Sciences, Brown University, Providence, RI

### PROFESSIONAL EXPERIENCE

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1989 - 1991 Postdoctoral Fellow, Department of Geological Sciences, University of Michigan  
(Collaborators: Kyger Lohmann, Bruce Wilkinson and Alex Halliday)  
1991 - 1996 Assistant Professor, Department of Geology, University of South Florida  
1996 - 1999 Associate Professor, Department of Geology, University of South Florida  
1998 - (spring) Visiting Research Prof., Dept. Earth & Marine Science, Univ. California - Santa Cruz  
1999 - 2005 Associate Professor, College of Marine Science, University of South Florida  
2002 - 2006 Director, Global Change Research Center, University of South Florida  
2005 - 2006 Professor, College of Marine Science, University of South Florida  
2005 - 2006 Jackson School Distinguished Visitor, Institute for Geophysics, Jackson School of Geosciences,  
The University of Texas at Austin  
2006 - present Research Professor (Institute for Geophysics) and Professor (Dept. Geological Sciences),  
Jackson School of Geosciences, The University of Texas at Austin.

### STUDENTS SUPERVISED

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MS Students: Kathleen Ketcher, 1993; Leanne Roulier, 1994; Stephen Schellenberg, 1994; Jennifer Wyatt,  
1994; Holly Harrison, 1995; Richard Kayser, 1995; Douglas Hilderbrand, 1998; Kelly Kilbourne,  
2003; Christie Stephans, 2003; Kris Stair, 2007.  
PhD Students Jennifer Smith, 2006; Kelly Kilbourne, 2006  
Current: Kristine DeLong (PhD; expected 2008), Chris Maupin (MS, expected 2007)  
UG Senior Thesis Kristen Mitchell (Eckerd College; 2005), Chris Maupin (Eckerd College, 2006)

### CLASSES TAUGHT

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Undergraduate USF: Earth System Science, Sedimentary Geology & Geochemistry, Carbonate Geology &  
Geochemistry, Paleoclimatology, Field Excursions (Modern Carbonate Environments:  
Bahamas, Florida Keys)  
UT-Austin: Sedimentary Rocks, Geoclimatology  
Graduate USF: Geological Oceanography, Paleoclimatology, Stable Isotopes, Climate Variability, Marine  
Stratigraphy  
UT-Austin: Geoclimatology

### HONORS & AWARDS

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1995 USF Teaching Incentive Program (TIP) Award for Outstanding Teaching  
1995 Alternate Selection, USF Presidential Young Investigator Award  
2004 Research results highlighted in Editor's Choice section of Science (9/26/04)  
2004 USF Outstanding Research Achievement Award  
2005-2006 Distinguished Visiting Jackson Fellow, University of Texas, Institute for Geophysics

### PROFESSIONAL ACTIVITIES

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1990 (Fall) *Shipboard scientist*, Ocean Drilling Program Leg 134 (New Hebrides Island Arc System)  
1992 (Summer) *Shipboard scientist*, Ocean Drilling Program Leg 144 (Atolls and Guyots)  
1992 *Invited speaker*, Coral records of ocean-atmosphere variability, La Parguera, Puerto Rico (NOAA)

1993 – 1995 Associate Editor, *Geology*

1996 *Invited speaker*, Annual Records of Tropical Systems Workshop, Hawaii (PAGES-CLIVAR)

1997 – 2000 *Co-Chair*, JOIDES PPG Scientific Drilling of Shallow Water Systems

1999 *Invited speaker*, COMPLEX workshop on the future of Ocean Scientific Drilling, Vancouver, Canada.

1997 *Invited speaker*, Workshop on cross-validation of high-resolution climate proxies and instrument records, Univ. of Washington, June, 1997 (PAGES-CLIVAR).

1998 *Invited participant*, PAGES Data management workshop, Boulder, CO, (WDC and IGBP PAGES).

1999 *Invited speaker*, International Symposium on Paleocology of Reefs and Carbonate Platforms: Miocene to Modern, International Association of Sedimentologists, Aix-en-Provence.

1999 *Invited speaker*, Climate of the Last Millennium (CLIVAR-PAGES Workshop), Venice, Italy.

2000 *Co-Organizer*, International Workshop on "Submerged Coral Drilling", St. Petersburg, Florida.

2001 – 2005 *Member, Steering Committee*, MESH (Marine aspects of Earth System History), advisory panel to NSF-OCE.

2001 *Invited speaker*, Workshop on Alternate Platforms: Europe as the Third Leg of IODP, Brussels, Belgium. (ESF and JEODI)

2001 *Invited speaker and Session Chair*, Conference on Alternate Platforms as part of the Integrated Ocean Drilling Program, Lisbon, Portugal, May. (ESF and JEODI)

2001 *Invited speaker*, first ARTS (Annual Records of Tropical Systems) Open Science Meeting, Noumea, New Caledonia. (PAGES-CLIVAR)

2002 *Invited speaker*, Holocene Research Initiative Workshop, NSF-MESH (Marine Aspects of Earth System History)

2002 *NSF Review Panel*, Ocean Sciences, Marine Geosciences, Spring and Fall.

2002 *Member, Steering Committee*, CUSP (Conference on US Participation in IODP), JOI/USSSP Workshop, Washington, DC.

2002 *Invited seminar speaker*, Eckerd College, Department of Marine Science

2003 *Invited speaker*, NSF Workshop, Guidelines for Best Practices in the Development of Scientific Drilling Projects, Minneapolis, Minnesota.

2003 *Member*, Operations Committee (OPCOM), Integrated Ocean Drilling Program, Sapporo Meeting

2003 - 2006 *Member*, Science Planning Committee (SPC), Integrated Ocean Drilling Program

2004 - 2007 Associate Editor, *Coral Reefs*

2004 *Member*, Operations Committee (OPCOM), Integrated Ocean Drilling Program, Washington DC Meeting

2004 *Member*, Technical Review Committee (REVCOM) for Arctic Coring Expedition (ACEX), Integrated Ocean Drilling Program, Washington DC

2004 *Invited seminar speaker*, University of Florida, Department of Geological Sciences

2004 *Invited seminar speaker*, Tohoku University (Sendai, Japan), Department of Geological Sciences

2005 *Invited seminar speaker*, Woods Hole Oceanographic Institute, Department of Marine Science

2005 *Invited seminar speaker*, Brown University, Department of Geological Sciences

2005 *Invited seminar speaker*, Eckerd College, Department of Marine Science

2005 *Invited participant*, Workshop for PI funded by the NSF-ESH Holocene Initiative

2005 *Invited seminar speaker*, University of Texas, Institute for Geophysics

2005 *Invited seminar speaker*, University of Texas, Department of Geological Sciences

2005 – present *Member, Steering Committee*, ESH (Earth System History), advisory panel to NSF-OCE-ATM.

2006 *Onshore expedition member*, Integrated Ocean Drilling Program Expedition 310 (Tahiti)

2006-2007 *Distinguished Lecturer*, Joint Oceanographic Institutes  
Hardin-Simmons, Wyoming, Purdue, Bowling Green, Minnesota-Duluth, Jacksonville, URI

2006 *Invited Keynote Speaker*, Climate Change: Past and Future, 21st Century COE program, Tohoku University, Sendai, Japan

2006 *Invited seminar speaker*, University of Texas, Department of Geological Sciences

2006-2008 *Alternate member*, SASAC, Integrated Ocean Drilling Program

2007 *Member, Organizing committee*, First International Workshop on the COREF Project, International Continental Drilling Program

## FUNDED RESEARCH GRANTS

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### National Science Foundation

1. Isotopic and Chemical Signatures of Paleophreatic Lenses at Enewetak Atoll. Constraints on Pleistocene Sea Level, National Science Foundation, Geology and Paleontology, (co-PI; Kacey Lohmann), 6/91 to 5/93.
2. Earliest Oligocene Climate Transition and the Dynamics of Continental Ice Sheet Evolution: Constraints from High Resolution ( $10^4$  yr) Deep-Sea Foraminifera  $d^{18}O$  Time Series. National Science Foundation, Marine Geology and Geophysics (Co-PI: James Zachos), 5/91 to 4/94.
3. Acquisition of Direct Current Plasma Emission Spectrometer. National Science Foundation, Instrumentation and Facilities (Co-PI: Jeffrey Ryan), 9/93 to 8/94.
4. History of the Core of the Western Pacific Warm Pool: A Coral Perspective, NSF - Earth System History, (Co-PI's: Tom Crowley and Fred Taylor), 6/97-8/00.
5. Acquisition of a Stable Isotope Ratio Mass Spectrometer in Support of Global Change Research at USF, NSF, Earth Sciences-Equipment, (Co-PI: Ben Flower) 1/99 to 12/99.
6. An International Workshop on Submerged Coral Drilling, NSF-ATM, Paleoclimate Program (co-funded with JOI/U.S. Science Support Program), 6/00-5/01.
7. A Coral Perspective on Holocene Climate Variability in the Tropical Western Atlantic, NSF - Marine Geology & Geophysics, 8/02-7/05.
8. Sub-centennial-scale Gulf of Mexico Sea-Surface Temperature Variability during the Holocene Epoch, NSF- Earth System History (Co-PI B. Flower), 8/03 to 7/06.
9. A Coral-based Reconstruction and Analysis of Subdecadal- to Multidecadal-scale Climate Variability in the Cuban Sector of the Tropical North Atlantic/Caribbean Sea, NSF- Marine Geology and Geophysics (Co-PIs T. Guilderson and Robert Webb), 8/03 to 7/06.
10. Holocene/Deglacial Abrupt Climate Change and Variability of the Western Pacific Warm Pool from Multidecadal to Century Scale Coral, NSF- Earth System History (Co-PIs F. Taylor & Larry Edwards), 6/04 to 7/07.
11. Seismic Profiling of Rapidly Subsiding Reefs on Sabine Bank, Vanuatu: Preparing for a Future Opportunity to Drill Ancient Reefs Representing Off-Peak and Lowstand Sea Levels During MIS 2-5, NSF - Ocean Sciences, IODP (UT lead: J. Austin & F. Taylor; USF subcontract: T. Quinn & S. Locker), 10/05-9/06.
12. SGER: Solar Influence on High-frequency Climate Variability - Possible Links to the Atlantic Multidecadal Oscillation and Hurricane Activity, NSF-ATM-Paleoclimate (Co-PI, Richard Poore), 3/1/06-2/28/07.

### National Oceanic and Atmospheric Administration

1. Little Ice Age Coral Records from the South Pacific, NOAA Climate and Global Change Program (Co-PI's: Tom Crowley and Fred Taylor), 7/93 to 7/95.
2. Calibration of Western South Pacific Coral Isotope Records, NOAA, Office of Global Programs, (Co-PI's: Tom Crowley and Fred Taylor), 1/97-6/00.
3. Calibration of Proxy Records from Coral Skeletons to C-MAN Data from the Florida Keys, USA, NOAA, Office of Global Programs (Co-PI's: Richard Dodge, Robert Halley and Peter Swart), 8/02 to 7/03.
4. Climate Reconstructions from Caribbean Corals, NOAA, Office of Global Programs (Co-PI's: Richard Dodge, Robert Halley and Peter Swart), 8/03 to 7/05.
5. Coral-based Climate Reconstructions in the Caribbean, Office of Global Programs (Co-PI's: Richard Dodge, Robert Halley and Peter Swart), 8/05 to 7/06.
6. Coral-based Climate Reconstructions in the Caribbean, NOAA Coral Reef Watch (Co-PI's: Richard Dodge, Robert Halley and Peter Swart), 9/06 to 8/07.

### Other

1. Sr-Isotopic Dating of Carbonates at Bougainville Guyot (ODP Site 831), JOI/U.S. Science Support Prog., 3/91 - 2/92.
2. Chemistry and Petrology of ODP Leg 144 Carbonates, JOI/U.S. Science Support Program, 1/93 to 7/94.
3. Holocene & Late Pleistocene Climate Variability in the Gulf of Mexico (GOM): A Cooperative Investigation by the USGS & USF, 10/1/99 to 9/30/00.
4. Holocene and Late Pleistocene Climate Variability in the Gulf of Mexico (GOM): A Cooperative Investigation by the USGS and USF, 10/1/00 to 9/30/01.
5. Holocene and Late Pleistocene Climate Variability in the Gulf of Mexico (GOM): A Cooperative Investigation by the USGS and USF, 10/1/01 to 9/30/03.
6. Holocene and Late Pleistocene Climate Variability in the Gulf of Mexico (GOM): A Cooperative Investigation

- by the USGS and USF, 10/1/02 to 9/30/04.
7. Climate Reconstruction from Cuban Corals: Field Study Support, National Geographic Society, 10/01/04 to 4/30/05.
  8. Holocene Climate Variability in the Gulf of Mexico (GOM): A Cooperative Investigation by the USGS and USF, 5/1/04 to 4/30/05.
  9. Holocene Climate Variability in the Gulf of Mexico (GOM): A Cooperative Investigation by the USGS and USF, 5/1/05 to 4/30/06.
  10. Holocene Climate Variability in the Gulf of Mexico (GOM): A Cooperative Investigation by the USGS and USF, 5/1/06 to 4/30/07.
  11. Reconstructing Mean Climate and Climate Variability at Tahiti in Select Intervals of the Deglacial/Quaternary using Fossil Corals from IODP Expedition 310, JOI/U.S. Science Support Program, 9/06 to 8/07.
  12. USGS Mendenhall Postdoctoral Fellowship, Kathy Tedesco (U South Carolina) – Research Advisors: Richard Poore, Terry Quinn (U Texas) and David Hollander (U South Florida), Project: Holocene climate and environmental variability - northern Gulf of Mexico

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## PUBLICATIONS

### Books

Vacher, H.L. and **Quinn, T.M.** (eds.), 1997, *Geology and Hydrogeology of Carbonate Islands*. Elsevier, Developments in Sedimentology 54, 948 pp.

### Book Chapters

- Quinn, T. M.**, 1990, Forward Modeling of Bank Margin Carbonate Diagenesis: Results of Sensitivity Tests and Initial Applications; *in*, Cross, T. A., ed., *Quantitative Dynamic Stratigraphy*, Prentice Hall, NY, p. 445-455.
- Quinn, T.M.**, and Saller, A.H., 1997, Geology of Anewetak Atoll. In Vacher, H.L. and Quinn, T.M. (Eds.), *Geology and Hydrogeology of Carbonate Islands*, Developments in Sedimentology 54. Elsevier, 637-666.
- Quinn, T.M.**, and Schone, B., 2007, Corals, Sclerosponges and Mollusks. In Elias, S.A., (Editor), *Encyclopedia of Quaternary Science*, Elsevier.

### Workshop Reports

**Quinn, T. M.**, and Tudhope, A.W., 2002, *The Science and Technology of Submerged Coral Drilling: A Workshop Report*, JOI/U.S. Science Support Program.

### ODP-Related

- Collot, J. Y.; Greene, H. G.; Stokking, L.; Akimoto, K.; Ask, M. V. S.; Baker, P. E.; Briquieu, L.; Chabernaud, T.; Coltorti, M.; Fisher, M. A.; Goud, M.; Hasenaka, T.; Hobart, M.; Krammer, A.; Leonard, J.; Martin, J. B.; Martinez-Rodriguez, J. I.; Menger, S.; Meschede, M.; Pelletier, B.; Perembo, R. C. B.; **Quinn, T. M.**; Roperch, P.; Reid, P.; Riedel, W. R.; Staerker, T. S.; Taylor, F. W.; Zhao, Xixi, 1991, Preliminary findings of ODP Leg 134 regarding the collision zone between the New Hebrides island arc and the d'Entrecasteaux Zone, *Comptes Rendus de l'Academie des Sciences*, v.313, n.5, p.539-546.
- Arnaud-Vanneau, A.; Camoin, G. F.; Haggerty, J. A.; Premoli Silva, I.; Rack, F.; Bergersen, D. D.; Bogdanov, Y.; Bohrman, H. W.; Buchardt, B.; Christie, D. M.; Dieu, J. J.; Enos, P.; Erba, E.; Fenner, J.; Gee, J. S.; Head, M. J.; Hobbs, P. R. N.; Ito, H.; Jansa, L.; Ladd, J. W.; Larson, R. L.; Lincoln, J. M.; Nakanishi, M.; Ogg, J. G.; Opdyke, B. N.; Pearson, P. N.; **Quinn, T. M.**; Watkins, D. K.; Wilson, P. A., 1993, Carbonate structures in atolls and guyots in the Northwest Pacific; preliminary results from ODP Leg 144, *Comptes Rendus de l'Academie des Sciences, Serie 2*, v.317, n.7, p.947-954
- Larson, Roger L.; Fisher, Andrew T.; Jarrard, Richard D.; Becker, Keir; Arnaud-Vanneau, Annie; Bergersen, D. D.; Bogdanov, Y.; Bohrman, H. W.; Buchardt, B.; Camoin, G.; Christie, D. M.; Dieu, J. J.; Enos, P.; Erba, E.; Fenner, J.; Gee, J. S.; Haggerty, J. A.; Head, M. J.; Hobbs, P. R. N.; Ito, H.; Jansa, L.; Ladd, J. W.; Lincoln, J. M.; Nakanishi, M.; Ogg, J. G.; Opdyke, B. N.; Pearson, P. N.; Premoli Silva, I.; **Quinn, T. M.**; Rack, F. R.; Watkins, D. K.; Wilson, P. A., 1993, Highly permeable and layered Jurassic oceanic crust in the western Pacific, *Earth and Planetary Science Letters*, 119, 1-2, 71-83.
- Quinn, T.M.**, Taylor, F.W., and Halliday, A.N., 1994, Sr Isotopic Dating of Neritic Carbonates at Bougainville Guyot (ODP Site 831), New Hebrides Island Arc. *In* Greene, H.G., Collot, J-Y., Stokking, L. B., et al., *Proc. ODP, Sci. Results*, 134: College Station, TX (Ocean Drilling Program), 89-96.
- Enos, Paul, Camoin, G.F., Wilson, P.A., Opdyke, B.N., Lincoln, J.M., Wyatt, J.L., **Quinn, T.M.**, Ebrén, P., Colonna, and Davies, G.R., 1994, Diagenesis of Platform Carbonates, Wodejebato Guyot, Marshall Islands. *in* Haggerty, J.A., Premoli Silva, I., Rack, F., and McNutt, M.K. (Eds.), *Proc. ODP, Sci. Results*, 144: College Station, TX

(Ocean Drilling Program), 789-818.

- Taylor, F.W., **Quinn, T.M.**, and Edwards, R.L., 1994, Tectonic History of the Bougainville Guyot, New Hebrides Island Arc. In Greene, H.G., Collot, J-Y., Stokking, L. B., et al., *Proc. ODP, Sci. Results*, 134: College Station, TX (Ocean Drilling Program), 47-58.
- Wyatt, J.L., **Quinn, T.M.**, and Davies, G.R., 1995, Preliminary Investigation of the Petrography and Geochemistry of Limestones at Limalok and Wodejebato Guyots (ODP Sites 871 and 874), Republic of the Marshall Islands. in Haggerty, J.A., Premoli Silva, I., Rack, F., and McNutt, M.K. (Eds.), *Proc. ODP, Sci. Results*, 144: College Station, TX (Ocean Drilling Program), 429-438.

#### Journal Articles (Refereed; Students underlined)

1. **Quinn, T. M.** and D. F. Merriam. 1988, Evolution of Florida Bay islands from a supratidal precursor; evidence from westernmost Bob Allen Key and Sid Key. *J. Geol.* 96(3), 375-381.
2. Humphrey, J. D., and **Quinn, T. M.**, 1989, Coastal Mixing Zone Dolomite, Forward Modeling, and Massive Dolomitization of Platform-Margin Carbonates; *Journal of Sedimentary Petrology*, v. 59, p. 438-454.
3. **Quinn, T. M.**, and Matthews, R. K., 1990, Post-Miocene Diagenetic and Eustatic History of Enewetak Atoll: Model and Data Comparison; *Geology*, v. 18, p. 942-945.
4. **Quinn, T. M.**, 1991, The History of Post-Miocene Sea-Level Change: Inferences from Stratigraphic Modeling; *Journal of Geophysical Research*, v. 96, n. B4, p. 6713-6725.
5. **Quinn, T. M.**, Lohmann, K.C, and Halliday, A.N., 1991, Sr Isotopic Variation in Shallow Water Carbonate Sequences: Stratigraphic, Chronostratigraphic, and Eustatic Implications of the Record at Enewetak Atoll; *Paleoceanography*, 6, 3, 371-385.
6. **Quinn, T. M.**, 1991, Meteoric Diagenesis of Post-Miocene Limestones on Enewetak Atoll; *Jour. Sed. Pet.* 61, 681-703.
7. Wardlaw, B. R., & **Quinn, T. M.**, 1991, Pliocene History of Enewetak Atoll: *Quat. Science Rev.* 10, 2/3, 247-258.
8. **Quinn, T.M.**, Taylor, F.W., and Crowley, T.C., 1993, A 173 Year Stable Isotope Record from a Tropical South Pacific Coral; *Quaternary Science Reviews*, v. 12, p. 407-418.
9. Roulier, L.M., and **Quinn, T.M.**, 1995, Seasonal- to Decadal- Climatic Variability in Southwest Florida During the Mid-Pliocene Warm Interval: Inferences from a Coralline Stable Isotope Record; *Paleocean.* 10, 429-443.
10. Zachos, J.C., **Quinn, T.M.**, and Salamy, K.A., 1996, High Resolution ( $10^4$  yr) Deep-Sea Foraminiferal Stable Isotope Records of the Earliest Oligocene Climate Transition; *Paleoceanography*, v. 11, n. 3, p. 251-266.
11. **Quinn, T.M.**, Taylor, F.W., Crowley, T.J., and Link, S., 1996, Evaluation of Sampling Resolution in Coral Stable Isotope Records: A Case Study Using Monthly Stable Isotope Records from New Caledonia and Tarawa; *Paleoceanography*, v. 11, n. 5, 529-542.
12. **Quinn, T.M.**, T.J. Crowley, and F.W. Taylor, 1996, New stable isotope results from a 173-year coral record from Espiritu Santo, Vanuatu, *Geophysical Research Letters*, v.23, n. 23, 3413-3416.
13. Crowley, T.J., **Quinn, T.M.**, and Taylor, F.W., 1997, Evidence for a Volcanic Cooling Signal in a 335 Year Coral Record from New Caledonia; *Paleoceanography*, 12, 633-639.
14. **Quinn, T.M.**, T.J. Crowley, F.W. Taylor, C. Henin, P. Joannot, and Y. Join, 1998, A multicentury stable isotope record from a New Caledonia coral: Interannual and decadal SST variability in the southwest Pacific since 1657; *Paleoceanography*, 13, 4, 412-426.
15. Fatheree, J.W., Harries, P.J., and **Quinn, T.M.**, 1998, Oxygen and carbon isotopic "dissection" of *Baculites compressus* (Mollusca: Cephalopoda) from the Pierre Shale (Late Campanian) of South Dakota: Implications for paleoenvironmental reconstructions, *Palaaios*, 13, 376-385.
16. Zachos, J.C., Opdyke, B.N., **Quinn, T.M.**, Jones, C.E., and Halliday, A.N., 1999. Early Cenozoic Glaciation, Antarctic Weathering, And Seawater  $^{87}\text{Sr}/^{86}\text{Sr}$ : Is There A Link?, *Chemical Geology*, 161, 165-180.
17. Crowley, T.J., **Quinn, T.M.**, & Hyde, W.T., 1999, Validation of coral temperature calibrations, *Paleocean.* 14, 605-615.
18. **Quinn, T. M.**, and Mountain, G. S., 2000, Shallow-Water Science & Ocean Drilling: Challenges for the New Millennium, *Eos, Transactions, American Geophysical Union*, 81, 35, 397, 404.
19. Getty, S.R., Asmeron, Y., **Quinn, T.M.** and Budd, A.F., 2001, Uranium-Lead Dating of Pleistocene Corals, and Coral Extinction Rates in the Caribbean Basin. *Geology*, 29, 639-642.
20. Correge, T., **Quinn, T.M.**, Delcroix, T., LeCornec, F., Recy, J., and Cabioch, G., 2001. Little Ice Age sea-surface temperature variability in the southwest tropical Pacific. *Geophysical Research Letters*, 28, 18, 3477-3480.
21. **Quinn, T. M.**, and D.E. Sampson, 2002, A Multi-Proxy Approach to Reconstructing Sea-Surface Conditions

- using Coral Skeleton Geochemistry. *Paleoceanography*, 17, 4, 1062, doi:10.1029/2000PA000528,
22. Poore, R.Z., Dowsett, H.J., Verardo, S. and **Quinn, T.M.**, 2003. Millennial- to Century-scale variability in Gulf of Mexico Holocene Climate Records, *Paleoceanography*, 18, 2, 1048, doi: 10.1029/2002PA000868.
  23. Kilbourne, K.H., **Quinn, T.M.**, and Taylor, F.W., 2004. A Coral Perspective on Climate in the Western Tropical Pacific Circa ~350 ka, *Paleoceanography*, 19, 1, doi: 10.1029/2002PA000868.
  24. Flower, B., Hastings, D., Hill, H., and **Quinn, T.**, 2004. Phasing of deglacial warming and Laurentide ice sheet meltwater in the Gulf of Mexico, *Geology*. 32; no. 7; p. 597-600; doi: 10.1130/G20604.1
  25. Poore, R.Z., **Quinn, T.M.**, and Verardo, S., 2004. Century-scale movement of the Atlantic Intertropical Convergence Zone linked to solar variability, *Geophysical Research Letters*, 31, 12, doi: 10.1029/2004GL019940.
  26. Asami, R., Yamada, T., Iryu, Y., Meyer, C.P., **Quinn, T.M.**, and Paulay, G., A Guam coral as a potential recorder of ENSO events. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 212 (1-2), 1-20, 15 September 2004.
  27. Kilbourne, K., **Quinn, T.M.**, Taylor, F., Delcroix, T., Gouriou, Y., ENSO-related Salinity Variations Recorded in the Skeletal Geochemistry of a Porites Coral from Espiritu Santo, Vanuatu, *Paleoceanography*, 19, 4, doi: 10.1029/2004PA001033, 2004.
  28. Stephans, C., **Quinn, T.M.**, Taylor, F. and Corregge, T., Assessing the Reproducibility of Coral-based Climate Records. *Geophysical Research Letters*, 31,18, L18210, 10.1029/2004GL020343, 2004.
  29. Asami, R., Yamada, T., Iryu, Y., **Quinn, T.M.**, Meyer, C.P., and Paulay, G., Interannual and decadal variability of the western Pacific sea surface condition for the years 1787-2000: Reconstruction based on stable isotope record from a Guam coral, *J. Geophys. Res.*, Vol. 110, No. C5, C05018, 10.1029/2004JC002555, 2005.
  30. Eakin, C.M., Swart, P.K., **Quinn, T.M.**, Helme, K.P., Smith, J.M., Dodge, R.E., Application of Paleoclimatology to Coral Reef Monitoring and Management, *Proceedings of the International Coral Reef Symposium*, in press 2005.
  31. **Quinn, T.M.**, and F.W. Taylor, SST artifacts in coral proxy records produced by early marine diagenesis in a modern coral from Rabaul, Papua New Guinea, *Geophysical Research Letters*, 33, 4, 10.1029/2005GL024972, 2006.
  32. Hill, H.W., Flower, B.P., **Quinn, T.M.**, Hollander, D.J., and Guilderson, T.G., Laurentide Ice Sheet meltwater and abrupt climate change during the last glaciation, *Paleoceanography* 10.1029/2005PA001186, 2006.
  33. Smith, J.M., **Quinn, T.M.**, Helme, K.P., Halley, R.B., Reproducibility of Geochemical and Climatic Signals in the Atlantic Coral *Montastraea faveolata*, *Paleoceanography* 10.1029/2005PA001187, 2006.
  34. LoDico, J.M., Flower, B.F., and **Quinn, T.M.**, Sub-Millennial Scale Climatic and Hydrologic Variability in the Gulf of Mexico during the Early Holocene, *Paleoceanography* 21, 3, 10.1029/2005PA001243, 2006.
  35. **Quinn, T.M.**, F.W. Taylor, T.J. Crowley, A Coral-based Record of Climate Variability Over the Past ~120 Years from the Warmest Sector of the Western Pacific Warm Pool, *J. Geophys. Res.*, Vol. 111, No. C11, C11006, 10.1029/2005JC003243, 2006.
  36. Iryu, Y., Matsuda, H., Machiyama, H., Piller, W.E., **Quinn, T.M.**, Mutti, M, Introductory perspective on the COREF Project, *Island Arc*, 15, 393-406, 2006.
  37. Kilbourne, K., **Quinn, T.M.**, Guilderson, T.F., Surface Water Mixing in the Northern Caribbean as Documented by a High-Resolution Coral <sup>14</sup>C Record from La Parguera, Puerto Rico, *Climate Dynamics*, 10.1007/s00382-007-0224-2, 2007.
  38. Richey, J.N., Poore, R.Z., Flower, B.P. and **Quinn, T.M.**, A 1400-year multi-proxy record of climate variability from the Northern Gulf of Mexico, in press, *Geology*.
  39. Hill, H.W., Hollander, D.J., Flower, B.P., **Quinn, T.M.**, Climate controls on Mississippi River flooding during the last glaciation, in review, *Geology*.
  40. Smith, J.M., **Quinn, T.M.**, Helme, K.P., Halley, R.B., Geochemical signatures in a coral from Looe Key, Florida since 1837 A.D., in review, *Geochemistry, Geophysics, Geosystems (G<sup>3</sup>)*.
  41. Rashid, H., **Quinn, T. M.**, Poore, R. Z., and Flower, B. P., A 29 ka monsoon variability record from the Bay of Bengal: a key concept, in review, *Quaternary Science Reviews*.

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**CONFERENCE PRESENTATIONS (student names underlined)**

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**2006**

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