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RESEARCH INTERESTS

Seismic stratigraphy and sedimentary architecture of continental margins, sequence stratigraphy and sea-level variation, continental shelf/slope sedimentary processes.

EDUCATION

1982-1988 Northwestern University, Ph.D., Geological Sciences.
1977-1979 Northwestern University, M.S., Geotechnical Engineering.
1972-1975 University of Leeds, B.Sc., Civil Engineering.

PROFESSIONAL EXPERIENCE

2006-Present Senior Research Scientist, University of Texas at Austin, Institute for Geophysics.
2000-2006 Research Scientist, University of Texas at Austin, Institute for Geophysics.
1993-2000 Research Associate, University of Texas at Austin, Institute for Geophysics.
1990-1993 Postdoctoral Fellow, University of Texas at Austin, Institute for Geophysics.
1990-1992 Science Coordinator, JOIDES (Joint Oceanographic Institutions for Deep Earth Sampling) Office. University of Texas at Austin, Institute for Geophysics.
1988-1990 Research Fellow, James Cook University, Townsville, Australia.
Summer 1984 ARCO Oil and Gas Company, Plano, Texas. Temporary Research Geophysicist.
1982-1988 Ph.D. program, Northwestern University. Advisor: Dr. S.O. Schlanger.
1980-1982 Woodward-Clyde Consultants, Chicago, Illinois. Assistant Project Engineer.
1979-1980 Wahler Associates, Geotechnical Engineers, Palo Alto California. Staff Engineer.
1977-1979 U.S. Bureau of Mines Blasting Research Project. Research Assistant, Northwestern University.
1975-1977 Mott, Hay and Anderson, Consulting Engineers, Newcastle upon Tyne, U.K.

Students Advised

PhD. in Progress: Gabriel Tagliaro, Jie Xu*. *Ph.D. completed:* Jason Stephens*, Joshua Dixon, Aymeric-Pierre Peyret, Anjali Fernandes, Carla Sanchez*, Cong Liu (China University of Geosciences)*, Quinling Liu, Janet Yun (UC Santa Cruz), Laurie Duncan, Erwin Adams (Vrije Univ. Amsterdam), Robert Burger*, Donna Cathro, Hongbo Lu*, Cristian Carvajal, D. Monteverde (Rutgers), Carlos Uroza. *M.A. completed:* Pinar Goktas*, Faik Ozcan Polat*, Leipin He, Andrew Petter. [*Principal or co-principal research advisor.]

Service

Aug-Sep 2015 Co-Chief Scientist, IODP Expedition 356, Indonesian Throughflow.
2014 Jackson School of Geosciences Postdoctoral Fellow Review Committee
2013 Co-Convener (with Gilbert Camoin, Ken Miller and Glenn Milne), 2013 Fall AGU Meeting Session PP020: Paleo-sea-level: core record and modeling constraints on rates and processes.
2013 Jackson School of Geosciences Postdoctoral Fellow Review Committee
Sept 2012 Invited Speaker, University of Texas Arlington
2011-2012 Consortium for Ocean Leadership Distinguished Lecturer.

- June 2011 Co-Organizer, International Workshop on Sequence Stratigraphy, Beijing, China, 20-23 June 2011.
- June 2011 Invited speaker Institute of Oceanology, First Institute of Oceanography, Qingdao Institute of Marine Geology (all in Qingdao, China).
- Feb 2011 Speaker, 2011 AAAS Annual Meeting Symposium: Where Ocean Meets Land: Dynamic Shorelines in a Warming World, Washington, DC, 17-20 Feb 2011.
- Dec 2010 Co-Convener (with Greg Mountain, Jean-Noel Proust and Koichi Hoyanagi), 2010 Fall AGU Meeting Session PP02: Sea Level, Near Surface Currents and the Stratigraphic Record: Recent Results.
- Sept 2010 Invited by IODP-MI to present IODP Expedition 317 results at 18th International Sedimentological Congress, Mendoza, Argentina (26 Sep – 1 Oct 2010).
- June 2010 Keynote Speaker, International Congress *Deep-water Circulation: Processes & Deposits*, Baiona (Pontevedra, Spain), 16-18 June 2010.
- March 2010 Ocean Leadership Public Policy Forum, Washington D.C. Invited Speaker.
- 2009-2010 Co-Chief Scientist, IODP Expedition 317, Canterbury Basin, New Zealand (4 November 2009 – 4 January 2010).
- Sept. 2009 Breakout Session Co-Chair, IODP INVEST conference, Bremen.
- 2007-Present Member, Department of Geological Sciences Graduate Studies Committee.
- 2005-2011 Chair, Jackson School of Geosciences Endowment Committee.
- 2002-2010 Associate Editor, *Journal of Sedimentary Research*.
- 2007-2008 Lead Editor, *Basin Research* Special Issue *Pre-Quaternary Sea Level Changes: Records and Processes*.
- 2007-2009 Co-Editor, Global and Planetary Change Special Issue *Quaternary Sea-Level Changes: Records and Processes*.
- October 2007 Co-Convener, *Drilling to Decipher Long-Term Sea-Level Changes and Effects: A Joint JOI/ICDP/IODP/DOSECC/Chevron Workshop*, Salt Lake City.
- 2005-2006 Search Committee: U.T. Dept. of Geological Sciences sedimentary geology faculty.
- Sept. 2006 Co-Convener, international symposium: *Sea-Level Changes: Records, Processes and Modeling* (Presqu'île de Giens, France).
- 2005 Session Co-Chair (Marine Paleoenvironments), 9th Annual DOSECC Workshop on Continental Scientific Drilling
- 2003-2006 IODP Science Steering and Evaluation Panel (SSEP; ISSEP prior to 2005).
- 2000-2003 IODP iSAS Environmental Science Steering and Evaluation Panel (ESSEP).
- June 2002 Conference on US Participation (CUSP) in IODP.
- 1999-2000 NSF MARGINS, Source to Sink: AGU town meeting, workshop committee.
- May 1999 Conference on Multiple Platform Exploration (COMPLEX).
- 1998-2001 JOIDES Program Planning Group: Scientific Drilling of Shallow Water Systems.
- 1993-2001 Office of Naval Research STRATAFORM planning.
- 1997 JOI MarineCAM (Marine Coring at Margins) workshop.
- 1993 JOIDES Shallow-Water Drilling Working Group.

Research Cruises

- Aug–Sep 2015 Co-Chief Scientist: IODP Expedition 356, Indonesian Throughflow. (R/V *JOIDES Resolution*.)
- Jun 2015 Co-Chief Scientist: MGL1510, New Jersey 3D seismic. (R/V *Marcus G. Langseth*.)
- Jul 2014 Co-Chief Scientist: MGL1405, New Jersey 3D seismic. (R/V *Marcus G. Langseth*.)
- Nov 09-Jan 10 Co-Chief Scientist: IODP Expedition 317, Canterbury Basin Sea Level transect, New Zealand. (R/V *JOIDES Resolution*.)
- Nov-Dec 2004 Co-Chief Scientist: high-resolution multichannel seismic survey, Sandino forearc basin, offshore Nicaragua/Costa Rica. (R/V *Maurice Ewing*.)

- Sep-Oct 2002 Shipboard scientist, ONR “Geoclutter” coring, New Jersey shelf. (R/V *Knorr*.)
- Aug-Sep 2001 Shipboard Scientist: ONR “Geoclutter” chirp sonar survey, New Jersey shelf. (R/V *Endeavor*.)
- Jan 2000 Chief Scientist: high-resolution multichannel seismic survey, Canterbury Basin, New Zealand. (R/V *Maurice Ewing*.)
- Jun-Jul 1997 Shipboard Scientist (physical properties specialist), Ocean Drilling Program Leg 174A. Mid-Atlantic transect/New Jersey shelf drilling. (R/V *JOIDES Resolution*.)
- Jul-Aug 1996 Co-Chief Scientist: UTIG/L-DEO high-resolution multichannel seismic survey, Eel River Basin, northern California margin. (R/V *Wecoma*.)
- Sep 1995 Shipboard Scientist: UTIG/L-DEO test of DURIP-funded high-resolution multichannel-seismic system, Gulf of Mexico. (R/V *Gyre*.)
- Aug-Sep 1993 Shipboard Scientist: Huntec deep-towed seismic surveying and vibracoring, New Jersey shelf. (R/V *Oceanus*.)
- May-Jul 1993 Shipboard Scientist (physical properties specialist), Ocean Drilling Program Leg 150. Mid-Atlantic transect/New Jersey sea level. (R/V *JOIDES Resolution*.)
- May 1990 Shipboard scientist, James Cook University cruise FR 5/90: northeast Australia, margin. Seismic profiling and piston coring to ground-truth GLORIA survey. (R/V *Franklin*.)
- Jul 1989 Shipboard scientist, James Cook University/Royal Australian Navy cruise: northeast Australian margin. GLORIA sidescan sonar deployment: slope seaward of the Great Barrier Reef, Queensland Trough rift basin. (HMAS *Cook*.)
- Nov-Dec 1988 Shipboard scientist, New Zealand Oceanographic Institute cruise 2023: Bounty Trough. Seismic profiling and piston coring. Effects of western boundary undercurrent. (R/V *Rapuhia*.)
- Jan-Mar 1985 Shipboard scientist (sedimentologist), Ocean Drilling Program Leg 101. Evolution of the Bahamas carbonate platforms and sedimentary processes on carbonate slopes. (R/V *JOIDES Resolution*.)

ACADEMIC HONORS

- Jackson School of Geosciences Research Fellowship, 2005-2006 and 2006-2007
- University Fellow, Northwestern University, 1983.
- University Scholarship, Northwestern University, 1977.
- Heseldin Prize, University of Leeds, 1974.

PROFESSIONAL SOCIETIES

- American Geophysical Union.
- Geological Society of America.

PUBLICATIONS

- Goktas, P., Austin, J.A., Jr., and Fulthorpe, C.S., submitted, Morphologies and depositional/erosional controls on evolution of Pliocene-Pleistocene carbonate platforms: Northern Carnarvon Basin, Northwest Shelf of Australia, *Continental Shelf Research*.
- Jiang, Z., Wang, J., Fulthorpe, C.S., Liu, L., Zhang, Y., and Liu, H., submitted, A new method for recovering paleowind strength and direction, *Geophysical Research Letters*.
- Fulthorpe, C.S., Galloway, W.E., Snedden, J.W., Ganey-Curry, P.E., and Whiteaker, T.L., 2014, New Insights into Cenozoic Depositional Systems of the Gulf of Mexico Basin, *GCAGS Transactions*, v. 64, p. 119-129.
- Wu, S., Yang, Z., Wang, D., Lu, F., Luedmann, T., Fulthorpe, C.S., and Wang, B., 2014, Architecture, development and geological control of the Xisha carbonate platforms, northwestern South China Sea, *Marine Geology*, 350, 71-83.
- Goff, J.A., Austin, J.A., Jr., and Fulthorpe, C.S., 2013, Reinterpretation of the Franklin “Shore” in the Mid-Atlantic Bight as a paleo-shelf edge, *Continental Shelf Research*, 60, 64-69.

- Lu, C., Wu, S., Yao, Y., and Fulthorpe, C.S., 2013, Development and controlling factors of Miocene carbonate platform in the Nam Con Son Basin, southwestern South China Sea, *Marine and Petroleum Geology*, 45, 55-68.
- Sanchez, C.M., Fulthorpe, C.S., and Steel, R.J., 2012a, Middle Miocene-Pliocene siliciclastic influx across a carbonate shelf and influence of deltaic sedimentation on shelf construction, Northern Carnarvon Basin, Northwest Shelf of Australia, *Basin Research*, 24, 664-682. doi: 10.1111/j.1365-2117.2012.00546.x
- Sanchez C.M., Fulthorpe, C.S., and Steel, R.J., 2012b, Miocene shelf-edge deltas and their impact on deepwater slope progradation and morphology, Northwest Shelf of Australia, *Basin Research*, 24, 683-698. doi: 10.1111/j.1365-2117.2012.00545.x
- Fulthorpe, C.S., Hoyanagi, K., Blum, P. and IODP Expedition 317 Scientists, 2011, IODP Expedition 317 explores the record of sea-level change off New Zealand, *Scientific Drilling*, No. 12 September 2011. doi:10.2204/iodp.sd.12.01.2011
- Liu, C., Fulthorpe, C.S., Austin, James A. Jr., and Sanchez, C.M., 2011, Geomorphologic indicators of sea level and lowstand paleoshelf exposure on early-middle Miocene sequence boundaries, *Marine Geology*, v. 208, p. 179-191, DOI 10.1016/j.margeo.2010.12.010
- Fulthorpe, C.S., Hoyanagi, K., Blum, P., and the Expedition 317 Scientists, 2011. *Proc. IODP*, 317: Tokyo (Integrated Ocean Drilling Program Management International, Inc.). doi:10.2204/iodp.proc.317.2011
- Expedition 317 Scientists, 2010, Canterbury Basin Sea Level: Global and Local Controls on Continental Margin Stratigraphy, *IODP Preliminary Report*, 317. doi:10.2204/iodp.pr.317.2020
- Camoin, G., Droxler, A., Miller, K.G., and Fulthorpe, C.S., 2009, Quaternary sea-level changes: records and processes, *Global and Planetary Change*, v. 66, p. v-vii. doi:10.1016/j.gloplacha.2008.11.003
- Fulthorpe, C.S., Miller, K.G., Droxler, A., Hesselbo, S., Camoin, G., and Kominz, M., 2008, Drilling to Decipher Long-Term Sea-Level Changes and Effects, *Scientific Drilling*, No. 6, p. 19-28. doi:10.2204/iodp.sd.6.02.2008.
- Fulthorpe, C.S., Camoin, G., Miller, K.G., and Droxler, A., 2008, Pre-Quaternary sea-level changes: records and processes, *Basin Research*, v. 20, p. 161-162, doi: 10.1111/j.1365-2117.2008.00365.x
- Fulthorpe, C.S., and Austin, J.A., Jr., 2008, Assessing the significance of along-strike variations of middle to late Miocene prograding clinoform sequence geometries beneath the New Jersey continental shelf, *Basin Research*, v. 20, p. 269-283, doi: 10.1111/j.1365-2117.2008.00350.x
- Fulthorpe, C.S., Miller, K.G., Droxler, A., Hesselbo, S., and Camoin, G., 2008, *Drilling to Decipher Long-Term Sea-Level Changes and Effects*, Consortium for Ocean Leadership, ICDP, IODP, DOSECC, Chevron Workshop Report, 51 p. http://www.oceanleadership.org/files/Sea_Level_Workshop_Report.pdf
- Fulthorpe, C.S., Hoyanagi, K., and Geldmacher, J., 2008, Global and local controls on continental margin stratigraphy: Canterbury Basin, eastern South Island, New Zealand. *IODP Sci. Prosp.*, 317, 85 p. http://publications.iodp.org/scientific_prospectus/317/index.html. doi:10.2204/iodp.sp.317.2008
- Mountain, G.S., Burger, R.L., Delius, H., Fulthorpe, C.S., Austin, J.A., Jr., Goldberg, D.S., Steckler, M.S., McHugh, C.M., Miller, K.G., Monteverde, D.H., Orange, D.L., and Pratson, L.F., 2007, The long-term stratigraphic record on continental margins, in Nittrouer, C.A., Austin, J.A., Jr., Field, M.E., Kravitz, J.H., Syvitski, J.P.M., and Wiberg, P.L., eds., *Continental Margin*

- Sedimentation: From Sediment Transport to Sequence Stratigraphy*: International Association of Sedimentologists Special Publication No. 37, p. 381-458.
- Pratson, L.F., Nittrouer, C.A., Wiberg, P.L., Steckler, M.S., Swenson, J.B., Cacchione, D.A., Karson, J.A., Murray, A.B., Wolinsky, M.A., Gerber, T.P., Mullenbach, B.L., Spinelli, G.A., Fulthorpe, C.S., O'Grady, D.B., Parker, G., Driscoll, N.W., Burger, R.L., Paola, C., Orange, D.L., Field, M.E., Friedrichs, C.T., and Fedele, J.J., 2007, Seascape evolution on clastic continental margins, in Nittrouer, C.A., Austin, J.A., Jr., Field, M.E., Kravitz, J.H., Syvitski, J.P.M., and Wiberg, P.L., eds., *Continental Margin Sedimentation: From Sediment Transport to Sequence Stratigraphy*: International Association of Sedimentologists Special Publication No. 37, p. 339-380.
- Lu, H., Fulthorpe, C.S., Mann, P., and Kominz, M., 2005, Miocene-Recent tectonic controls on sediment supply and sequence stratigraphy: Canterbury Basin, New Zealand, *Basin Research*, v. 17, p. 311-328.
- Gulick, S.P.S., Goff, J.A., Austin, J.A., Jr., Alexander, C.R., Jr., Nordfjord, S., and Fulthorpe, C.S., 2005, Basal inflection-controlled shelf-edge wedges off New Jersey track sea-level fall, *Geology*, v. 33, p. 429-432.
- Fulthorpe, C.S., and Austin, J.A., Jr., 2004, Shallowly buried, enigmatic seismic stratigraphy on the New Jersey mid-outer shelf: evidence for latest Pleistocene catastrophic erosion?, *Geology*, v. 32, p. 1013-1016.
- Lu, H., and Fulthorpe, C.S., 2004, Controls on sequence stratigraphy of a middle-Miocene to Recent, current-swept, passive margin: offshore Canterbury Basin, New Zealand, *Geological Society of America Bulletin*, v. 116, p. 1345-1366.
- Carter, R.M., Fulthorpe, C.S., and Lu, H., 2004, Canterbury Drifts at Ocean Drilling Program Site 1119, New Zealand: Climatic modulation of southwest Pacific intermediate water flows since 3.9 Ma, *Geology*, v. 32, p. 1005-1008.
- Burger, R.L., Fulthorpe, C.S., and Austin, J.A., Jr., 2003, Effects of triple junction migration and glacioeustatic cyclicity on upper slope morphologies, offshore Eel River Basin, northern California, *Marine Geology*, v. 199, p. 307-336.
- Lu, H., Fulthorpe, C.S., and Mann, P., 2003, Three-dimensional architecture of shelf-building sediment drifts in the offshore Canterbury Basin, New Zealand, *Marine Geology*, v. 193, p. 19-47.
- Fulthorpe, C.S., and Austin, J.A., Jr., 2002, Using the New Jersey continental shelf to understand sea level change, in White, K., and Urquhart, E., (Eds.), *ODP's Greatest Hits, Volume 2*, 1.pp [Online]. Available from: <http://www.joiscience.org/greatesthits2/pdfs/fulthorpe.pdf>
- He, L., Buffler, R.T., and Fulthorpe, C.S., 2002, Late Cenozoic sequence stratigraphy, Main Pass area, northeastern Gulf of Mexico, *Gulf Coast Association of Geological Societies Transactions*, v. 52, p. 385-394.
- Burger, R.L., Fulthorpe, C.S., Austin, J.A., Jr., and Gulick, S.P.S., 2002, Lower Pleistocene to present structural deformation and sequence stratigraphy of the continental shelf, offshore Eel River Basin, northern California, *Marine Geology*, v. 185, p. 249-281.
- Burger, R.L., Fulthorpe, C.S., and Austin, J.A., Jr., 2001, Late Pleistocene channel incisions in the southern Eel River Basin, northern California: Implications for tectonic vs. eustatic influences on shelf sedimentation patterns, *Marine Geology*, v. 177, p. 317-330.
- Gomez, B., Fulthorpe, C.S., Carter, L., Berryman, K., Browne, G., Green, M., Hicks, M., and Trustrum, N., 2001, Continental margin sedimentation to be studied in New Zealand, *Eos, Transactions, American Geophysical Union*, v. 82, p. 161 and 166-167.

- Fulthorpe, C.S., Austin, J.A., Jr., and Mountain, G.S., 2000, Morphology and distribution of Miocene slope incisions off New Jersey: Are they diagnostic of sequence boundaries?, *Geological Society of America Bulletin*, v. 1112, p. 817-828.
- Duncan, C.S., Goff, J.A., Austin, J.A., Jr., and Fulthorpe, C.S., 2000, Tracking the last sea level cycle: Seafloor morphology and shallow stratigraphy of the latest Quaternary New Jersey middle continental shelf, *Marine Geology*, v. 170, p. 395-421.
- Fulthorpe, C.S., Austin, J.A., Jr., and Mountain, G.S., 1999, Buried fluvial channels off New Jersey: Did sea-level lowstands expose the entire shelf during the Miocene?, *Geology*, v. 27, p. 203-206.
- Carter, R.M., Fulthorpe, C.S., and Naish, T.R., 1998, Sequence concepts at seismic and outcrop scale: The distinction between physical and conceptual stratigraphic surfaces, *Sedimentary Geology*, v. 122, p. 165-179.
- Austin, J.A., Jr., Christie-Blick, N., Malone, M.J., et al., 1998, *Proc. ODP, Init Repts.*, 174A: College Station, TX (Ocean Drilling Program).
- Fulthorpe, C.S., and Austin, J.A., Jr., 1998, The anatomy of rapid margin progradation: three-dimensional geometries of Miocene clinofolds offshore New Jersey, *AAPG Bulletin*, v. 82, p. 251-273.
- Austin, J.A., Jr., Steckler, M.S., Goff, J., Field, M.E., Fulthorpe, C.S., Mayer, L.A., Mountain, G.S., Nedoroda, A.W., Orange, D., and Swift, D.J.P., 1997, Continental terraces hold clues to the generation and preservation of the stratigraphic record: a STRATAFORM progress report, *Eos*, v. 78, p. 1-2.
- Austin, J.A., Jr., Fulthorpe, C.S., Mountain, G.S., Orange, D., and Field, M.E., 1996, Continental margin seismic stratigraphy: assessing the preservation potential of heterogeneous geologic processes operating on continental shelves and slopes, *Oceanography*, 9, p. 173-177.
- Fulthorpe, C.S., Mountain, G.S., and Miller, K.G., 1996, Mapping of Neogene depositional geometries, New Jersey continental slope, ODP Leg 150 drilling area, *Proc. ODP, Sci. Results*, 150: College Station, TX (Ocean Drilling Program), p. 269-281.
- Mountain, G.S., Damuth, J.E., McHugh, C.M., Lorenzo, J.M., and Fulthorpe, C.S., 1996, Origin, reburial and significance of a mid-Miocene canyon, New Jersey continental slope, *Proc. ODP, Sci. Results*, 150: College Station, TX (Ocean Drilling Program), p. 283-292.
- Miller, K.G., Mountain, G.S., and Leg 150 Shipboard Party and members of the New Jersey Coastal Plain Drilling Project, 1996, Drilling and Dating New Jersey Oligocene-Miocene Sequences: ice volume, global sea level, and Exxon records, *Science*, v.271, p. 1092-1095.
- Fulthorpe, C.S., Carter, R.M., Miller, K.G., and Wilson, J., 1996, Marshall Paraconformity: a mid-Oligocene record of the inception of the Antarctic Circumpolar Current and coeval glacio-eustatic lowstand?, *Marine and Petroleum Geology*, 13, p. 61-67.
- Kendall, C.G.St.C., Whittle, G.L., Fulthorpe, C.S., Moore, P., Hickey, T.D., Cannon, R., and Hellmann, D., 1995, Geometric responses in Neogene sediments of offshore New Zealand: simulated as products of changes in depositional base level driven by eustasy and/or tectonics, in B.U. Haq, ed., *Sequence Stratigraphy and Depositional Response to Eustatic, Tectonic and Climatic Forcing*, Kluwer Academic Press, Dordrecht, Netherlands, p. 113-136.
- Mountain, G.S., Lorenzo, J.M., and Fulthorpe, C.S., 1994, Underway Geophysics, in: G.S. Mountain, K.G. Miller, P. Blum, et al., *Proc. ODP, Init. Repts.*, 150: College Station, TX (Ocean Drilling Program), 43-50.
- Mountain, G.S., Miller, K.G., Blum, P., and Leg 150 Scientific Party, 1994, *Proc. ODP, Init Repts.*, 150: College Station, TX (Ocean Drilling Program).

- Fulthorpe, C.S., and Carter, R.M., 1991, Continental shelf progradation by sediment drift accretion: *Geological Society of America Bulletin*, v. 103, p. 300-309.
- Fulthorpe, C.S., 1991, Geological controls on seismic sequence resolution, *Geology*, v. 19, p. 61-65.
- Carter, R.M., Abbott, S.T., Fulthorpe, C.S., Haywick, D.W., and Henderson, R.A., 1991, Application of global sea-level and sequence stratigraphic models in southern hemisphere Neogene strata from New Zealand, in MacDonald, D., ed., *Sea Level and Active Plate Margins: International Association of Sedimentologists Special Publication No. 12*, p. 41-65.
- Carter, L., Carter, R.M., Nelson, C.S., Fulthorpe, C.S., and Neil, H.L., 1990, Evolution of Pliocene to Recent abyssal sediment waves on Bounty Channel levees, New Zealand: *Marine Geology*, v. 95, p. 97-109.
- Fulthorpe, C.S., and Carter, R.M., 1989, Test of seismic sequence methodology on a southern hemisphere passive margin: the Canterbury Basin, New Zealand: *Marine and Petroleum Geology*, v. 6, p. 348-359.
- Fulthorpe, C.S., and Schlanger, S.O., 1989, Paleo-oceanographic and tectonic settings of early Miocene reefs and associated carbonates of offshore southeast Asia: *AAPG Bulletin*, v. 73, p. 729-756.
- Fulthorpe, C.S., Schlanger, S.O., and Jarrard, R.D., 1989, In situ acoustic properties of pelagic carbonate sediments on the Ontong-Java Plateau, *Journal of Geophysical Research*, v. 94, p. 4025-4032.
- Fulthorpe, C.S., and Melillo, A.J., 1988, Middle Miocene carbonate gravity flows in the Straits of Florida at Site 626, in Austin, J.A., Jr., Schlager, W., Palmer, A.A., et al., *Proc. ODP, Sci. Results, 101*, College Station, Texas (Ocean Drilling Program), p. 179-191.
- Austin, J.A., Jr., Schlager, W., Palmer, A.A., and Leg 101 Scientific Party, 1986, *Proc. ODP, Init. Repts., 101*: College Station, Texas (Ocean Drilling Program).
- Dowding, C.H., Fulthorpe, C.S., and Langan, R.T., 1982, Simultaneous airblast and ground motion response: *Journal of the Structural Division, ASCE*, v. 108, No. ST11, p. 2363-2378.

BOOK REVIEW

- Fulthorpe, C.S., 1997, Book Review: *Geology of the United States Seafloor, the view from GLORIA*, Gardner, J.V., Field, M.E., and Twichell, D.C., eds., Cambridge University Press, 364p., *Eos, Transactions, American Geophysical Union*, v. 78, p. 249.

ABSTRACTS AND UNPUBLISHED REPORTS

- Gallagher, S.J., Fulthorpe, C.S., Bogus, K., Heap, A., Exon, N., and Wallace, M., 2015, IODP Expedition 356: Drilling to reveal a 5 million year carbonate and subsidence history on the Northwest Shelf of Australia, Australian Society of Exploration Geophysicists - Petroleum Exploration Society of Australia, 24th International Geophysical Conference and Exhibition, 15-18 February 2015, Perth, Western Australia.
- Xu, J., J. W. Snedden, D. F. Stockli, and C. S. Fulthorpe, 2014, Sediment input pathways from North American highlands to the Gulf of Mexico based on detrital zircon U-Pb and U-Th/He dating, 2014 AGU Fall meeting, San Francisco, CA.
- Xu, J., J. W. Snedden, D. F. Stockli, and C. S. Fulthorpe, 2014, A continental provenance shift of Lower Miocene formation in the Gulf of Mexico Basin: insight from detrital zircon geochronology, 2014 GSA Annual Meeting, Vancouver, British Columbia, Canada.
- Tozun, P., Austin, J.A., Jr., and Fulthorpe, C.S., 2014, Morphologies and controls on development of Pliocene-Pleistocene carbonate platforms: Northern Carnarvon Basin, Northwest Shelf of

- Australia, AAPG International Conference and Exhibition, Istanbul, Turkey, 14-17 September 2014.
- Hoyanagi, K., Nakamura, M., Kawagata, S., Blum, P. and Fulthorpe, C.S., 2014, Pleistocene sea-level changes, their timing and amplitude: results from IUDP Expedition 317, offshore New Zealand, 19th International Sedimentological Congress, Geneva, Switzerland, 18-22 August 2014
- Xu, J., Snedden, J.W., Craig S. Fulthorpe, C.S., Daniel F. Stockli, D.E., 2014, Detrital zircon U-Pb and U-Th/He double dating on lower Miocene sample of Gulf of Mexico Basin: insight into sediment provenance, GCSSEPM, 26-28 January 2014, Program and Abstracts, p. 49.
- Xu, J., Snedden, J.W., and Fulthorpe, C.S., 2013, Provenance and depositional system reconstruction in the lower Miocene of the Gulf of Mexico, GCAGS, 6-8 October 2013, v. 63, p. 633–635 (extended abstract).
- Hoyanagi, K., Kobayashi, Y., Kawagata, S., Blum, P., and Fulthorpe, C.S., 2013, Relationship among climate, glacio-eustasy and sequence boundary formation: core analyses from the Canterbury Basin, South Island, New Zealand, 2013 AGU Annual Meeting.
- Xu, J., J. W. Snedden, D. F. Stockli and C. S. Fulthorpe, 2013, Provenance of the lower Miocene of the Gulf of Mexico from detrital zircon double dating, 2013 AGU Fall meeting, San Francisco, CA
- McHugh, C.M., Fulthorpe, C.S., Hoyanagi, K., and Blum, P., 2013 (submitted). Pleistocene seismic sequences may result from eustatic change but can they be used for global correlations? New insights from the Canterbury Basin, New Zealand, 2013 AGU Annual Meeting.
- Hoyanagi, K., Kawagata, S., Kamihashi, T., Blum, P., and Fulthorpe, C.S., 2013, Relationship between sequence boundary formation and glacio-eustasy in shelf and slope on New Zealand margin, Annual Meeting, Geological Society of Japan, Sendai, Japan, September 2013
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Funding History Craig S. Fulthorpe

Funding Period	Proposal Title and Proponents	Funding Agency	Award Amount
1/1/93-12/31/94 Extended to 12/31/95	Sequence Stratigraphy of the Northeastern Gulf of Mexico: An Integrated Seismic, Well Log and Biostratigraphic Approach <i>R.T. Buffler, C.S. Fulthorpe, and M.B. Lagoe</i>	NSF-OCE MG&G	\$173,695
8/1/93-7/31/94 Extended to 1/31/97	Huntec Surveying of Shelf Sites for the New Jersey/Mid-Atlantic Transect <i>C.S. Fulthorpe and J.A. Austin, Jr.</i>	JOI/USSSP	\$69,694
10/1/93-9/30/95	Sequence Stratigraphic Geometries and Neogene Evolution of the Middle Atlantic Continental Margin, <i>C.S. Fulthorpe and J.A. Austin, Jr.</i>	ONR	\$75,052
9/30/93-7/31/95	Testing the Sequence Stratigraphic Model, New Jersey Continental Slope: Correlation of Seismic Data with ODP Leg 150 Drilling Results <i>C.S. Fulthorpe</i>	JOI/USSSP	\$17,020
11/1/94-9/30/96	High-Resolution Seismic Surveying for Pleistocene Sequence Stratigraphy, New Jersey Continental Shelf and Upper Slope, in Support of STRATAFORM <i>J.A. Austin, Jr. and C.S. Fulthorpe</i>	ONR	\$130,163
6/1/95-5/31/97	Safe Science Along the Mid-Atlantic Transect (MAT): Site-Specific Hazards Surveying on the Continental Terrace Offshore New Jersey in Support of Sea-Level Objectives <i>J.A. Austin, Jr. and C.S. Fulthorpe</i>	JOI/USSSP	\$151,935
10/1/95-9/30/97	Sequence Stratigraphic Interpretation and Mapping, New Jersey Margin <i>C.S. Fulthorpe and J.A. Austin, Jr.</i>	ONR	\$94,866
1/1/96-12/31/97 Extended to 9/30/98	High-Resolution Seismic Surveying for Neogene-Quaternary Sequence Stratigraphy, Northern California Continental Shelf and Upper Slope, in Support of STRATAFORM <i>C.S. Fulthorpe and J.A. Austin, Jr.</i>	ONR	\$250,000
6/1/97-9/30/97 Extended to 9/30/98	High-Resolution Seismic Surveying for Neogene-Quaternary Sequence Stratigraphy, Northern California Continental Shelf and Upper Slope, in Support of STRATAFORM: an Expansion <i>C.S. Fulthorpe, J.A. Austin, Jr., and N.L. Bangs</i>	ONR	\$57,282
6/1/97-5/31/00 Extended to 9/30/00	Integration of High-Resolution Multichannel Seismic and Swath Bathymetry/Backscatter Surveys, New Jersey and Northern California, in Support of STRATAFORM <i>C.S. Fulthorpe and J.A. Goff</i>	DoD AASERT	\$143,742

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6/1/97-12/31/97	Continued Analysis and Interpretation of “Nested” Seismic Data for Neogene-Quaternary Sequence Stratigraphy, New Jersey Outer Continental Shelf and Upper Slope in Support of STRATAFORM <i>J.A. Austin, Jr., C.S. Fulthorpe, N.L. Bangs</i>	ONR	\$101,943
10/1/97–9/30/99	Miocene Progradation of the New Jersey Continental Margin: Geometries and Mechanisms <i>C.S. Fulthorpe</i>	JOI/USSSP	\$18,786
10/1/98–9/30/00	Neogene-Quaternary Stratigraphic Responses in a Tectonically-Driven Basin: Northern California Continental Shelf and Upper Slope <i>C.S. Fulthorpe, J.A., Austin, Jr., and N.L. Bangs</i>	ONR	\$195,001
10/1/98–9/30/01 Extended to 9/30/02	Global and Local Controls on Depositional Cyclicity: the Canterbury Basin, New Zealand <i>C.S. Fulthorpe, P. Mann, and C. Frohlich</i>	NSF-OCE ODP	\$610,381
10/1/00 – 9/30/01	Sedimentary processes and stratigraphic response in a tectonically-driven basin: Northern California continental shelf and upper slope <i>C.S. Fulthorpe</i>	ONR	\$100,137
10/1/01 – 9/30/03	Sedimentary processes and stratigraphic responses in a tectonically-driven basin: Northern California continental shelf and upper slope <i>C.S. Fulthorpe</i>	ONR (Extension to previous contract)	\$113,167
10/1/02 – 9/30/04 Extended to 9/30/05	Controls on depositional cyclicity interplay of global and local processes in the Canterbury Basin, New Zealand <i>C.S. Fulthorpe and P. Mann</i>	NSF-OCE ODP	\$185,755
10/1/03 – 9/30/06 Extended to 9/30/09	Effects of eustatic and tectonic forcing on development of forearc basin sequence stratigraphy <i>C.S. Fulthorpe and K.D. McIntosh</i>	NSF-OCE ODP	\$697,777
2/1/06 – 1/31/09 Extended to 1/31/11	The North West Shelf, Australia: the next step in a global approach to understanding the role of eustasy in the generation and preservation of stratigraphy <i>C.S. Fulthorpe, J.A. Austin, Jr., L. Lavier</i>	NSF-OCE ODP	\$464,278
9/1/06 – 2/29/08	Workshop on Sea-Level Research Within IODP <i>C.S. Fulthorpe, K.G. Miller, A.W. Droxler</i>	JOI/USSSP	\$9,468
11/4/09-11/3/12	Salary Support as Co-Chief Scientist, IODP Expedition 317 (Canterbury Basin) <i>C.S. Fulthorpe</i>	Ocean Leadership/ USSSP	\$116,743
5/14/10-11/03/12	Integration of Seismic Interpretations and Expedition 317 Coring and Logging Results, Post-Expedition Activity Proposal <i>C.S. Fulthorpe</i>	Ocean Leadership/ USSSP	\$15,000

Funding Period	Proposal Title and Proponents	Funding Agency	Award Amount
5/1/13-4/30/15	Collaborative Research: Community-Based 3D Imaging That Ties Clinoform Geometry to Facies Successions and Neogene Sea-Level Change <i>G.S. Mountain, M. Nedimovic, C.S. Fulthorpe, J.A. Austin, Jr.</i>	NSF-OCE MGG	\$226,195 (UTIG Component)
1/1/15-12/31/15	Supplemental Request: Collaborative Research: Community-Based 3D Imaging That Ties Clinoform Geometry to Facies Successions and Neogene Sea-Level Change <i>C.S. Fulthorpe, J.A. Austin, Jr., M. Nedimovic</i>	NSF-OCE MGG	\$14,995
7/31/15-7/31/18	Salary Support as Co-Chief Scientist, IODP Expedition 356 (Indonesian Throughflow) <i>C.S. Fulthorpe</i>	USSSP	\$141,024
			Total: \$4,164,059