

CRAIG S. FULTHORPE

University of Texas Institute for Geophysics, J.J. Pickle Research Campus, Bldg. 196 (ROC),
10100 Burnet Road (R2200), Austin, TX 78758-4445

Phone: (512) 471-0459 Fax: (512) 471-0348 Email: craig@utig.ig.utexas.edu

RESEARCH INTERESTS

Marine geology, sedimentary geology, seismic stratigraphy and sedimentary architecture of continental margins, sequence stratigraphy and sea-level variation.

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

In Progress: Carla Sanchez*, Jason Stephens*, Cong Liu*, Anjali Fernandes, Derek Sawyer. *Ph.D. completed:* 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:* Leipin He, Andrew Petter. [*Principal or co-principal research advisor; also provided funding.]

Service

2009-Present Member, Scientific Committee of international meeting *Deep-water Circulation: Processes & Deposits*, Baiona (Pontevedra, Spain), June, 2010.

2009 Breakout Session Co-Chair, IODP INVEST conference, Bremen, September 2009.

2007-Present Co-Chief Scientist, IODP Expedition 317, Canterbury Basin, New Zealand (scheduled for 4 November 2009 – 4 January 2010).

2007-Present Member, Department of Geological Sciences Graduate Studies Committee.

2005-Present Chair, Jackson School of Geosciences Endowment Committee.

2002-Present 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*.
- 2007 Co-Convener, *Drilling to Decipher Long-Term Sea-Level Changes and Effects: A Joint JOI/ICDP/IODP/DOSECC/Chevron Workshop*, Salt Lake City, October 2007
- 2005-2006 Search Committee: U.T. Dept. of Geological Sciences sedimentary geology faculty.
- 2006 Co-Convener, international symposium: *Sea-Level Changes: Records, Processes and Modeling* (Sept. 2006, Presqu’Ile 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

- 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. (D/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. (D/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. (D/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

- Sanchez, C.M., C.S. Fulthorpe and J.A. Austin, Jr., submitted, Siliciclastic Progradation Across a Neogene Carbonate Passive Margin: Implications for the Evolution of the Northern Carnarvon Basin of the Northwest Shelf of Australia, *AAPG Bulletin*.
- Ferrín, A., Browne, G., Naish, T., García-Gil, S., Fulthorpe, C.S., Vilas, F., submitted, Seismic stratigraphy and gas-related acoustic facies in the Canterbury outer shelf and upper slope (SE New Zealand), *Geo-Marine Letters*.
- 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. 112, 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

- Sanchez, C., Fulthorpe, C.S., and Austin, J.A., Jr., 2008, Siliciclastic progradation within a Neogene carbonate passive margin; Northern Carnarvon Basin of the Northwest Shelf of Australia, *Eos, Transactions American Geophysical Union*, v. 89, Fall Meeting Suppl., Abstract H33C-1014.
- Sanchez, C., Fulthorpe, C.S., and Austin, J.A., Jr., 2008, Neogene Mixed Carbonate-Siliciclastic Systems on the Northwest Shelf of Australia: Influences of Siliciclastics Distribution on Shallow-Water Carbonate Sedimentation, AAPG Annual Meeting, San Antonio, Texas, April 20-23, 2008.
- Christensen, B.A., Alexander, C., Stackhouse, S., Turner, R., Nordfjord, S., Austin, J.A., Jr., Goff, J., Gulick, S., and Fulthorpe, C.S., 2007, Latest Pleistocene deposition and erosion on the New Jersey shelf, *Eos, Transactions American Geophysical Union*, v. 88, Fall Meeting Suppl., Abstract OS53A-0979.
- Stephens, J.H., Fulthorpe, C.S., and McIntosh, K.D., 2007, Seismic Stratigraphy and Tectonics of the Sandino Forearc Basin, Offshore Nicaragua, *MARGINS Workshop to Integrate Subduction Factory and Seismogenic Studies in Central America*, June 18-22, Costa Rica.
- McIntosh, K.D., Fulthorpe, C.S., Stephens, J.H., Mann, P., and Funk, J., 2007, Stratigraphic and structural investigations of Nicaraguan forearc and intra-arc tectonics, *MARGINS Workshop to Integrate Subduction Factory and Seismogenic Studies in Central America*, June 18-22, Costa Rica.

- Stephens, J.H., Fulthorpe, C.S., and McIntosh, K.D., 2006, Sequence Stratigraphy on an Active Margin: Sandino Forearc Basin, Offshore Nicaragua, *Eos, Transactions American Geophysical Union*, v. 87(52), Fall Meeting Suppl., Abstract T51C-1542.
- Fulthorpe, C.S., Lu, H., Austin, J.A., Jr., Lavier, L., 2006, Future IODP drilling transects for sea-level studies: Canterbury Basin, New Zealand, and the Australian North West Shelf, International Sea-Level Symposium *Seal'AIX06, Sea Level Changes: Records, Processes and Modeling*, Presqu'île de Giens, France, 25-29 September 2006.
- Austin, J.A., Jr., Nordfjord, S., Duncan, L., Fulthorpe, C.S., Goff, J., and Gulick, S.P.S., Deciphering the Modern Seafloor and Seismic Geomorphology of the Latest Pleistocene – Holocene Sedimentary Record, New Jersey Middle and Outer Continental Shelf, International Sea-Level Symposium *Seal'AIX06, Sea Level Changes: Records, Processes and Modeling*, Presqu'île de Giens, France, 25-29 September 2006.
- Fulthorpe, C.S., Austin, J.A., Jr., Lavier, L., Kerans, C., Bradshaw, M., Exon, N., Cathro, D., Howe, R., Marshall, N., 2006, North West Shelf, Australia: the next step in the global approach to understanding the role of eustasy in the generation and preservation of stratigraphy, *IODP Australian Workshop*, Department of Earth Sciences, University of Melbourne, 26-27 August 2006.
- McIntosh, K.D. and Fulthorpe, C.S., 2005, Detailed Seismic Reflection Images of the Central American Volcanic Arc, *Eos Trans. AGU*, 86(52), Fall Meet. Suppl., Abstract T11B-0384.
- Alexander, C., Christensen, C., Goff, J., Austin, J., Venherm, C., Nordfjord, S., Gulick, S., Sommerfield, C., Fulthorpe, C., and Schock, S., 2005, Paleochannel Incision and Infill on the New Jersey Shelf: Timing, Character and Depositional Environment. SE GSA Meeting, Biloxi, MS.
- Alexander, C., Christensen, B., Turner, J., Goff, J., Austin, J., Venherm, C., Nordfjord, S., Sommerfield, C., Gulick, S., and C. Fulthorpe, 2005, Source, Timing and Depositional Environments of Paleochannel Incision and Infill on the New Jersey Shelf. National GSA Meeting, Salt Lake City, UT.
- Fulthorpe, C.S., Goff, J.A., Austin, J.A., Jr., Gulick, S.P., Nordfjord, S., Alexander, C., Sommerfield, C., Christensen, B., Schock, S., Nielson, D.L., 2003, Enigmatic Shallow Subsurface Stratigraphy on the New Jersey Mid-Outer Shelf: Catastrophic Erosion or Diagenesis?, *Eos, Transactions American Geophysical Union*, v. 84 (46), Fall Meeting Suppl., Abstract OS52B-0904.
- Gulick, S.P., Fulthorpe, C.S., Goff, J.A., Austin, J.A., Jr., Nordfjord, S., Sommerfield, C., Alexander, C., Christensen, B., Schock, S., Nielson, D.L., 2003, Mapping a Pre-Last Glacial Maximum Paleo-Seafloor and Shelf-Slope Sediment Wedges beneath the New Jersey shelf, *Eos, Transactions American Geophysical Union*, v. 84 (46), Fall Meeting Suppl., Abstract OS52B-0905.
- Nordfjord, S., Goff, J.A., Austin, J.A., Jr., Fulthorpe, C.S., Gulick, S.P., Sommerfield, C., Alexander, C., Christensen, B., Schock, S., 2003, Geomorphologic comparisons of shallowly buried, dendritic drainage systems on the outer New Jersey shelf with modern fluvial and estuarine analogs, *Eos, Transactions American Geophysical Union*, v. 84 (46), Fall Meeting Suppl., Abstract OS52B-0906.
- Christensen, B.A., Goff, J.A., Alexander, C.R., Austin, J.A., Jr., Gulick, S.P., Fulthorpe, C.S., S Nordfjord, Sommerfield, C., Venherm, C., Schock, S., Nielson, D.L., 2003, Late Pleistocene Depositional Environments Of The New Jersey Continental Shelf: Foraminiferal Evidence, *Eos, Transactions American Geophysical Union*, v. 84 (46), Fall Meeting Suppl., Abstract OS52B-0907.

- Nielson, D.L., Pardey, M., Austin, J.A., Jr., Goff, J.A., Alexander, C., Christensen, B.A., Gulick, S.P., Fulthorpe, C.S., Nordfjord, S., Sommerfield, C., Venherm, C., 2003, Active Heave-Compensated Coring On The New Jersey Shelf, *Eos, Transactions American Geophysical Union*, v. 84 (46), Fall Meeting Suppl., Abstract OS52B-0908.
- Alexander, C., Sommerfield, C., Austin, J.A., Jr., Christensen, B., Fulthorpe, C.S., Goff, J.A., Gulick, S.P., Nordfjord, S., Nielson, D.L., Schock, S., 2003, Sedimentology and Age Control of Late Quaternary New Jersey Shelf Deposits, *Eos, Transactions American Geophysical Union*, v. 84 (46), Fall Meeting Suppl., Abstract OS52B-0909.
- Nordfjord, S., Gulick, S.P.S., Austin, J.A., Jr, Goff, J.A., Fulthorpe, C.S., 2002, Late Quaternary incisions and related shallow subsurface stratigraphy on the New Jersey mid-outer shelf: preliminary results from ultra-high resolution chirp sonar images – Part I, *Eos, Transactions American Geophysical Union*, v. 83 Supplement, p. F728.
- Fulthorpe, C.S., Goff, J.A., Austin, J.A., Jr., Gulick, S.P.S., and Nordfjord, S., 2002, Late Quaternary incisions and related shallow subsurface stratigraphy on the New Jersey mid-outer shelf: preliminary results from ultra-high resolution chirp sonar images – Part II, *Eos, Transactions American Geophysical Union*, v. 83 Supplement, p. F728.
- Lu, H., Fulthorpe, C.S., and Mann, P., 2002, Global sea-level versus local control of middle-Miocene to Recent sequences on a current-swept divergent margin: offshore Canterbury Basin, New Zealand, *Eos, Transactions American Geophysical Union*, v. 83 Supplement, p. F734.
- Austin, J.A., Jr., Goff, J., Gulick, S., Fulthorpe, C.S., Nordfjord, S., Wiederspahn, M., Saustrup, S., Schock, S., Wulf, J., Gjerding, K., Mayer, L., and Sommerfield, C., 2001, Assessing the “GEO” in GEOCLUTTER: new chirp sonar, sampling and compressional wave velocity results from the New Jersey shelf, *Eos, Transactions American Geophysical Union*, v. 82 Supplement, p. F655.
- Fulthorpe, C.S., Austin, J.A., Jr., and Mountain, G.S., 2001, Nested multichannel seismic (MCS) studies of Neogene margin progradation off New Jersey: what the Miocene has taught us about the interplay of relative sea-level change, clinoform deposition, and submarine canyon formation, American Geophysical Union Chapman Conference on the Formation of Sedimentary Strata on Continental Margins, Ponce, Puerto Rico, June 2001.
- Burger, R.L., Fulthorpe, C.S., and Austin, J.A., Jr., 2001, Pleistocene sequence development on a tectonically active margin: the offshore Eel River Basin, northern California, American Geophysical Union Chapman Conference on the Formation of Sedimentary Strata on Continental Margins, Ponce, Puerto Rico, June 2001.
- Burger, R.L., Fulthorpe, C.S., Austin, J.A., Jr., and Gulick, S.P.S., 2000, Mid-Pleistocene to present structural deformation and sedimentation patterns in the offshore Eel River Basin, northern California, *Eos, Transactions American Geophysical Union*, v. 81 Supplement, p. F649.
- Lu, H., Fulthorpe, C.S., and Mann, P., 2000, Global and local controls on depositional cyclicity: the Canterbury Basin, New Zealand, *Eos, Transactions American Geophysical Union*, v. 81 Supplement, p. F737.
- Austin, J.A., Jr., Duncan, L., Fulthorpe, C.S., Goff, J.A., and Olson, H.C., 2000, Reaping the benefits of more than a decade of “nesting” on the New Jersey shelf and upper slope, *Eos, Transactions American Geophysical Union*, v. 81 Supplement, p. F623-624.
- Burger, R.L., Fulthorpe, C.S., Austin, J.A., Jr., and Mountain, G.S., 1999, Neogene-Quaternary channel incision on the northern California shelf: Implications for pronounced shifts in highstand vs. lowstand drainage in the southern Eel River Basin, *Eos, Transactions American Geophysical Union*, v. 80 Supplement, p. F560.

- Fulthorpe, C.S., Austin, J.A., Jr., and Mountain, G.S., 1998, Miocene shelf/slope systems on the New Jersey continental margin: sea level, sediment transport and physiography, *Eos, Transactions American Geophysical Union*, v. 79 Supplement, p. F474.
- Schuur, C.L., Goff, J.A., Austin, J.A., Jr., and Fulthorpe, C.S., 1997, High-resolution Quaternary sequence stratigraphy and seafloor geomorphology on the New Jersey continental margin, (abstract), *Eos, Transactions, American Geophysical Union*, supplement to v. 78, No. , p. F. 363
- Fulthorpe, C.S., Mountain, G.S., Austin, J.A., Jr., Buhl, P., Diebold, J., Goff, J.A., Schuur, C.L. and Yun, J., 1996, STRATAFORM high-resolution MCS survey, Eel River Basin, northern California margin: shelf/slope stratigraphy and processes, (abstract), *Eos, Transactions, American Geophysical Union*, supplement to v. 77, No. 46, p. F330.
- Schuur, C.L., Goff, J.A., Austin, J.A., Tr., and Fulthorpe, C.S., 1996, Quaternary geomorphology of the New Jersey continental shelf from acoustic swath mapping and high-resolution seismic reflection data, (abstract), *Eos, Transactions, American Geophysical Union*, supplement to v. 77, No. 46, p. F329.
- Buffler, R.T., Fulthorpe, C.S., and He, L., 1996, Neogene depositional history revealed by sequence and systems tracts mapping, Main Pass area, northeastern Gulf of Mexico, (abstract), *Abstracts with Programs, Geological Society of America Annual Meeting*, p. A-63.
- Davies, T.A., Austin, J.A., Jr., Fulthorpe, C.S., and Lagoe, M.B., 1996, 3D seismic images and cores off New Jersey, (abstract), *Abstract Volume, Applied Geoscience Meeting*, Warwick University, 15-18 April 1996, p. 69.
- Fulthorpe, C.S., and Austin, J.A., Jr., 1995, Sequence stratigraphic geometries and Neogene evolution of the New Jersey continental margin, (abstract), *Eos, Transactions, American Geophysical Union*, supplement to v. 76, No. 46, p. 308.
- Austin, J.A., Jr., Fulthorpe, C.S., and Davies, T.A., 1995, Unraveling the stratigraphic complexities of the last deglaciation: ultra-high resolution 3D seismic images of the New Jersey continental shelf, *Eos, Transactions, American Geophysical Union*, supplement to v. 76, No. 46, p. 308.
- He, L., Buffler, R.T., Fulthorpe, C.S., and Lagoe, M.B., 1995, Three-dimensional sequence stratigraphic analysis, Main Pass, northeastern Gulf of Mexico (abstract), *First SEPM Congress on Sedimentary Geology, St. Petersburg Beach, Florida, Congress Program and Abstracts*, p. 67.
- Austin, J.A., Jr., Fulthorpe, C.S., Mountain, G.S., Diebold, J., Buhl, P., and Miller, K.G., 1995, High-resolution seismic surveying for Pleistocene sequence stratigraphy, New Jersey continental shelf and upper slope, in support of the Ocean Drilling Program's global sea-level objectives (abstract accepted), *First Latin American Geophysical Conference and Exposition / Fourth International Congress of the Brazilian Society of Geophysicists*, Rio de Janeiro, Brazil.
- Fulthorpe, C.S., Mountain, G.S., and Miller, K.G., 1994, Mapping of Neogene depositional geometries, New Jersey continental slope, ODP Leg 150 drilling area: (abstract), *Eos, Transactions, American Geophysical Union*, supplement to v. 75, No. 44, p. 318.
- Austin, J.A., Jr., Davies, T.A., Fulthorpe, C.S., and Lagoe, M.B., 1994, Late Quaternary Periglacial Marine Sedimentation and Multi-frequency Approaches to Sequence Stratigraphy, New Jersey Outer Continental Shelf: (abstract), *Eos, Transactions, American Geophysical Union*, supplement to v. 75, No. 16, p. 350-351.
- Davies, T.A., Austin, J.A., Jr., Fulthorpe, C.S., and Lagoe, M.B., 1994, Further studies of periglacial marine sediments on the New Jersey Outer shelf: progress report: (abstract), *24th Arctic Workshop*, Boulder, CO.

- Fulthorpe, C.S., and Carter, R.M., 1990, Continental shelf progradation by sediment drift accretion: (abstract), *13th International Sedimentological Congress of the International Association of Sedimentologists*, Nottingham, UK.
- Fulthorpe, C.S., and Carter, R.M., 1990, Fourth-order sequences and the response of a basin to eustatic sea-level variation: (abstract), *13th International Sedimentological Congress of the International Association of Sedimentologists*, Nottingham, UK.
- Fulthorpe, C.S., and Carter, R.M., 1990, Shelf progradation under the influence of a boundary current: the Canterbury Basin passive margin, New Zealand: (abstract), *10th Australian Geological Convention*, University of Tasmania, Hobart.
- Fulthorpe, C.S., and Carter, R.M., 1988, Sea-level cycles in the Otakou Group, offshore Canterbury Basin: (abstract), Programme and Abstracts, *Geological Society of New Zealand, Annual Conference*, Hamilton, New Zealand, p. 70.
- Fulthorpe, C.S., 1988, Oceanic events reflected in the seismic stratigraphy of pelagic carbonates: (abstract), Abstracts, *Workshop on Global Sea-Level Change and the Stratigraphic Record*, James Cook University, Townsville, p. 13.
- Fulthorpe, C.S., Brodholt, J.P., Jurdy, D.M., and Schlanger, S.O., 1986, Miocene carbonate reservoirs related to the tectonic and thermal evolution of southeast Asian marginal basins: (abstract), *AAPG Bulletin*, v. 70, p. 592.
- Fulthorpe, C.S., Castagna, J.P., and Eastwood, R.L., 1984, *Porosity and seismic response in shallow-water carbonates: a petrophysical modeling study*: unpublished research report, ARCO Oil and Gas Company, 23 p.