

CURRICULUM VITAE

NAME: **James Albert Austin, Jr.**
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PRESENT POSITION: Senior Research Scientist - The University of Texas at Austin, Institute for Geophysics

EDUCATION: B.A. - Amherst College, 1973, Geology (*magna cum laude*)

Ph.D. - Massachusetts Institute of Technology - Woods Hole Oceanographic Institution, 1979, Oceanography

PROFESSIONAL EXPERIENCE:

1979-1990: Research Scientist - University of Texas Institute for Geophysics (formerly Marine Science Institute/Galveston Geophysics Laboratory)
1990-Present: Senior Research Scientist - University of Texas at Austin, Institute for Geophysics
1994: Acting Director, Ocean Drilling Program (ODP), Joint Oceanographic Institutions, Inc.
1998-2005: President, Woods Hole-MIT Joint (Graduate) Program in Oceanography and Applied Ocean Science and Engineering Alumni/ae Association
1998-Present: member of Corporation, Woods Hole Oceanographic Institution
2007-Present: Trustee, Woods Hole Oceanographic Institution
2003-2004: Interim Director, Integrated Ocean Drilling Program (IODP)
2004-Present: Inaugural Chair, Development Board, American Geophysical Union (AGU)

At Sea (funding source[s] indicated):

- 2007:
 - Co-Chief Scientist, *R/V Knorr*, New Jersey shelf coring [ONR/JSG/industry]
- 2006:
 - Co-Chief Scientist, *R/V Neecho*, Lago Fagnano piston coring, Tierra del Fuego [NGS].
 - Co-Chief Scientist, *R/V Alis*, Sabine Bank seismic profiling, western Pacific [JSG]
- 2005:
 - Co-Chief Scientist, *R/V Alis*, Sabine Bank seismic profiling, western Pacific [NSF/JSG]
 - Co-Chief Scientist, *R/V Neecho*, Lago Fagnano seismic profiling, Tierra del Fuego [NGS]
 - Participant, *M/V The Performer*, SEATOS ("Sumatra Earthquake and Tsunami Offshore Survey"), Sunda Trench and adjacent accretionary prism [BBC1/Discovery Channel]
- 2002:
 - Chief Scientist, *R/V Nathaniel B. Palmer*, seismic sea trials, offshore California [NSF]
 - Co-Chief Scientist, *R/V Knorr*, AHC-800 coring, New Jersey shelf [ONR]
- 2001:
 - Chief Scientist, *R/V Endeavor*, deep-tow chirp sonar profiling, New Jersey shelf [ONR].
 - Participant, *R/V Knorr*, AHC-800 sea trials, New England shelf [ONR].
- 2000:
 - Co-Chief Scientist, *R/V Nathaniel B. Palmer*, OBS profiling (part 2), Antarctic Peninsula [NSF].
 - Chief Scientist, *R/V Nathaniel B. Palmer*, airgun testing/sea trials, Caribbean. [NSF]
 - Co-Chief Scientist, *R/V Nathaniel B. Palmer*, OBS profiling (part 1), Antarctic Peninsula [NSF].
 - Co-Chief Scientist, *R/V Thomas G. Thompson*, Puget Sound/PROD sea trials. [NSF]
 - Participant, *R/V Maurice Ewing*, multichannel seismic reflection, Canterbury Basin/New Zealand. [NSF]
- 1998:
 - Co-Investigator, *R/V Onrust*, grab sampling, offshore New Jersey [JOI, Inc.].
- 1997:
 - Co-Investigator, *R/V Maurice Ewing*, deep-penetration multichannel seismic reflection/OBS oblique reflection + refraction, offshore Iberia [NSF].
 - Co-Chief Scientist, Leg 174A, Ocean Drilling Program, New Jersey shelf/slope [NSF/ODP].
- 1995:
 - Co-Chief Scientist, *R/V Oceanus*, high-resolution multichannel seismic reflection, New Jersey shelf [ONR/JOI, Inc.].
 - Chief Scientist, *R/V Gyre*, student training cruise, Gulf of Mexico (UTIG)

- 1993:
 - Chief Scientist, *R/V Oceanus*, Hunttec[®] high-resolution (3D) deep-towed single-channel seismic reflection and vibra-coring, New Jersey shelf [ONR/JOI, Inc.].
- 1991:
 - Co-Chief Scientist, *R/V Maurice Ewing*, multichannel seismic reflection, Antarctic Peninsula [NSF]
- 1990:
 - Participant, *R/V Maurice Ewing*, sea trials, U.S. east coast [NSF].
- 1989:
 - Chief Scientist, *R/V Cape Henlopen*, Hunttec[®] high-resolution (3D) deep-towed single-channel seismic reflection, New Jersey shelf [ONR].
- 1988:
 - Co-Chief Scientist, *R/V Atlantic Twin*, Hunttec[®] high-resolution (2D) deep-towed single-channel seismic reflection, New Jersey shelf/slope [ONR].
 - Client Representative (for Texaco), *R/V GECO My*, deep-penetration multichannel seismic reflection, Straits of Florida/southern Blake Plateau [NSF].
 - Co-Chief Scientist, *R/V Robert D. Conrad*, deep-penetration multichannel seismic reflection, Tierra del Fuego, southernmost Andes [NSF].
- 1987:
 - Co-Chief Scientist, *R/V Polar Duke*, seismic profiling, West Antarctic Peninsula [NSF].
- 1985:
 - Co-Chief Scientist, Leg 101, Ocean Drilling Program, Bahamas [NSF/ODP].
- 1984:
 - Co-Chief Scientist, *R/V Robert D. Conrad*, deep-penetration multichannel seismic reflection, eastern Canada [NSF].
 - Chief Scientist, *R/V Fred H. Moore*, deep-penetration multichannel seismic reflection, Bahamas [JOI, Inc.].
- 1983:
 - Co-Chief Scientist, *R/V Robert D. Conrad*, deep-penetration multichannel seismic reflection, Morocco [JOI, Inc.].
- 1981:
 - Participant, "North Atlantic Transect" (NAT) experiment - two-ship MCS (WACDP) and ESP's (in conjunction with Bundesanstalt Für Geowissenschaften und Rohstoffe and Lamont-Doherty Geological Observatory) [NSF].
- 1980:
 - Chief Scientist, *R/V Fred H. Moore*, deep-penetration multichannel seismic reflection, Bahamas [Joint Industry].
- 1979:
 - Chief Scientist, *R/V Fred H. Moore*, deep-penetration multichannel seismic reflection, Southwest Africa [JOI, Inc.].
- 1977:
 - Co-Chief Scientist, *R/V Atlantis II*, deep-penetration multichannel seismic reflection, Canadian Maritime Provinces [NSF].
- 1975:
 - Participant, *R/V Atlantis II*, deep-penetration multichannel seismic reflection, Georges Bank/southern New England [NSF/U.S. State Department - dissertation research].

Community Service:

- National Science Foundation: Ocean Sciences Division, review panel, member, 1988; Antarctic Research Vessel Oversight Committee (ARVOC), member, 2001-2005.
- NOAA: Member, Ocean Exploration Advisory Working Group, 2006-Present.
- American Geophysical Union: Member, Budget & Finance Committee, 2000-2004; Inaugural Chair, AGU Development Board, 2004-Present.
- Woods Hole Oceanographic Institution, Corporation Member, 1998-Present; Trustee, 2007-Present.
- Woods Hole-Massachusetts Institute of Technology Joint (Graduate) Program in Oceanography and Applied Ocean Science and Engineering, Alumni/ae Association, President, 1998-2005.

- Integrated Ocean Drilling Program (IODP): Member, IODP Planning Sub-Committee (IPSC), 1999-2001. Member, interim Planning Committee (iPC), 2001-2003. Member, Science Planning Committee, 2003-2004; Interim Director, IODP, 2003-2004.
- Ocean Drilling Program (ODP, JOIDES): Member, Atlantic Regional Panel (ARP), 1984-1988. Chair, ARP, 1985-1988. Alternate member, Planning Committee (PCOM), 1985-1989. Member, PCOM, 1989-1993. Chair, PCOM, 1990-1992. Acting Director (at JOI, Inc.), 1994. Member, Environment Science Steering and Evaluation Panel (ESSEP), 1997-1999. Member, Science Planning Committee (SCICOM), 2001-2003.
- Office of Naval Research, STRATAFORM Steering Committee, member, 1993-2001.
- Joint Oceanographic Institutions for Deep-Earth Sampling (JOIDES): COMPOST-I (Committee on Post-1998 Drilling), member, 1993; COMPOST-II (Committee on Post-2003 Drilling), member, 1996-1997; CONCORD (Conference on Cooperative Ocean Riser Drilling) Steering Committee, member, 1996-1997; Conference on Multi-Platform Experiments (COMPLEX) Steering Committee, member, 1998-1999.
- Joint Oceanographic Institutions, Inc.: Site Survey Planning Committee, University of Texas at Austin representative, 1980-1984; U.S. Scientific Advisory Committee (in support of ODP), member, 1995-1998.
- National Academy of Sciences: MARGINS Initiative Science Committee, member, 1988-1990, 1992-1997.
- Project EDGE (commercial MCS profiling of U.S. continental margins), Assistant Manager for Science, 1986-1993.

Student Involvement:

Graduate research advisor or co-advisor to candidates for both masters and doctoral degrees from: Department of Geological Sciences (DGS), The University of Texas at Austin; Department of Oceanography (DOO), Texas A&M University; RSMAS, University of Miami. Matriculated students, with thesis/dissertation title and affiliation:

- 2006 - Present: C. Sanchez, Ph.D., "Analyses of late Miocene-Present Prograding Clinforms on the North West Shelf, Australia" [DGS]
- 2005:
- S. Nordfjord, Ph.D., "Late Quaternary Geologic History Of New Jersey Middle And Outer Continental Shelf" [DGS]
- 2002:
- D.L. Cathro, Ph.D., "Three-Dimensional Stratal Development of a Carbonate-Siliciclastic Sedimentary Regime, Northern Carnarvon Basin, Northwest Australia" [DGS]
- R.L. Burger, Ph.D., "Mid-Pleistocene to Present Stratigraphic Responses in a Tectonically Driven Setting: Eel River Basin, Northern California" [DGS]
- 2001:
- C.S. Duncan, Ph.D., "Latest Quaternary Stratigraphy and Seafloor Morphology of the New Jersey Continental Shelf" [DGS].
- 1999:
- S.A. Clark, M.S., "Along-Strike Structure of a Non-Volcanic Rifted Margin: Coincident MCS and OBS Data from Galicia Bank and the Iberia Abyssal Plain" [DGS].
- 1997:
- D.H.N. Barker, Ph.D., "Tectonic Evolution of Bransfield Strait, West Antarctica" [DGS].
- K.F. Buck, M.A., "Interpretation of High-Resolution Sequence Stratigraphy and Foraminiferal Analysis on the New Jersey Outer Continental Shelf: Implications for Latest Pleistocene-Holocene Sea Level Fluctuations". [DGS]
- E.C. Luhurbudi, M.A., "Processing a High-Resolution 3D Survey of the Shallow Subsurface on the Continental Shelf of New Jersey" [DGS].
- 1995:
- J.B. Meyers, Ph.D., "Rifted Continental Margin Architecture Off West Africa, as Revealed by Deep-Penetrating Multichannel Seismic Reflection and Potential Field Data" [RSMAS].
- 1993:
- D. Cunningham, Ph.D., "Structural Evolution of the Southern Margin of Cordillera Darwin, Southernmost Andes" [DGS].
- J. Oh, Ph.D., "Multichannel Seismic Evidence for a Mesozoic Volcanic Passive Margin Off the Southeastern United States" [DGS].
- P. Rowell, Ph.D., "Evolution of Celtic Sea Basins from Multichannel Seismic Profiles" [DGS].

- 1992:
- W.M. Denny, III, M.A., "Seismic Stratigraphy and Geologic History of Mid-Cretaceous Through Cenozoic Rocks, Southern Straits of Florida" [DGS].
 - C. Cainelli, Ph.D., "Sequence Stratigraphy, Canyons, and Gravity Mass-Flow Deposits in the Piaçabuçu Formation, Sergipe-Alagoas Basin, Brazil" [DGS].
- 1990:
- J. Holik, Ph.D., "The Crustal Structure and Tectonic Evolution of Oceanic Crust Off Morocco" [DOO].
- 1988:
- K.J. Meador, M.A., "Geologic Evolution of the Northern Newfoundland/ Flemish Basin" [DGS].
- 1987:
- D.C. Huston, M.A., "Interpretation of Seismic Signal and Noise Through Line Intersection Analysis" [DGS].
 - W. Corso, Ph.D., "Development of the Early Cretaceous Northwest Florida Carbonate Margin" [DGS].
- 1986:
- C.D. Cagle, M.A., "Seismic Stratigraphy of the Central Tonga Arc, SW Pacific" [DGS].
- 1983:
- D.M. Angstadt, M.A., "Late Cretaceous-Recent Stratigraphy and Geologic History of the Southeastern Gulf of Mexico/Southwestern Straits of Florida" [DGS].
- 1982:
- L.A. Musgrove, M.A., "Geophysical Investigation of the Southern Angola Basin: SE Atlantic Ocean" [DGS].
- 1973-1978: Graduate Research Assistant, Massachusetts Institute of Technology-Woods Hole Oceanographic Institution.
Participation in a number of oceanographic expeditions employing a variety of marine geological and geophysical tools (i.e., gravity and piston coring, dredging, scuba diving, underwater [ANGUS] photography, single-channel seismic reflection profiling, seismic refraction profiling using expendable sonobuoys.
- 1972-1973: Laboratory Instructor, Amherst College.
Teaching assistant for courses in introductory geology, sedimentation, geophysics and petrology.
- 1972 (summer): WAMSIP.
NSF-sponsored undergraduate honors project, North Carolina.
- 1971 (summer): Field Assistant, U. S. Geological Survey (New England).
Quadrangle mapping; regional geology in high-grade Precambrian-Cambrian metamorphic terrane, western Massachusetts and Connecticut.
- 1970 (summer): Y.B.R.A. (Yellowstone-Bighorn Research Association) field camp.
Completion of field course in geology coordinated by Princeton University, Red Lodge, Montana.
- AWARDS/HONORS:**
- University of Rhode Island Graduate School of Oceanography Dean's List Award, 2007
 - Jackson School of Geosciences, Research Fellowships, 2005-2006, 2006-2007
 - JOI-USSAC Distinguished Lecturer, 1997-1998
 - Biographer, Shepard medal/SEPM (recipient - Elazar Uchupi, WHOI), 1991
 - Fellow, Geological Society of America, 1991
 - Finalist, National Merit Scholarship
 - New York State Regents Scholarship
 - Cum Laude* Society
 - Bausch & Lomb Honorary Science Award

MEMBERSHIPS IN PROFESSIONAL SOCIETIES:

- Fellow, Geological Society of America
- American Geophysical Union

PUBLICATIONS:

In Preparation:

- Austin, J.A., Jr., The paleo-Hudson Shelf Valley: Sequence stratigraphic successions and geologic history. *Marine Geology*.
- Nordfjord, S., J.A. Goff, J.A. Austin, Jr., S.P.S. Gulick, and W.E. Galloway: The formation of the transgressive ravinement surface on New Jersey mid-outer continental margin: implications for shelf-wide erosion and deposition. *Marine Geology*.
- Fulthorpe, C.S., and J.A. Austin, Jr., Along-strike variations of sequence boundary geometries on a prograding passive margin.

Submitted:

- Mosher, D.C., J.A. Austin, Jr., D. Fisher, and S.P. Gulick, submitted, Deformation of the northern Sumatra accretionary prism: evidence for strain partitioning from high-resolution seismic reflection profiles and ROV observations: *Marine Geology*.
- Fulthorpe, C.S., and J.A. Austin, Jr., submitted, Assessing the significance of along-strike variations of clinoformal geometries on the middle to upper Miocene prograding margin off New Jersey: *Basin Research*.
- Waldmann, N., D. Ariztegui, F.S. Anselmetti, J.A. Austin, Jr., R. Dunbar, C.M. Moy, and C. Recasens, submitted, Lago Fagnano (Tierra del Fuego, Argentina) – A continuous archive of paleoclimate change and tectonic activity since the Late Glacial: *Geologica Acta*.

In Revision:

None.

In press:

None.

Published:

- Fisher, D., D.C. Mosher, J.A. Austin, Jr., S.P.S. Gulick, T. Masterlark, and K. Moran, 2007, Active deformation across the Sumatran forearc over the December 2004 Mw9.2 rupture, *Geology*, v. 35, p. 99-102. DOI: 10.1130/G22993A.1
- Nittrouer, C.A., J.A. Austin, Jr., M.E. Field, J.H. Kravitz, J.P.M. Syvitski, and P.L. Wiberg, eds., 2007, Continental Margin Sedimentation, Spec. Pub. 37, IAS, Kingston upon Thames, UK, 549 p.
- Clark, S.A., D.S. Sawyer, J.A. Austin, Jr., G.L. Christeson, and Y. Nakamura, 2007, Characterizing the Galicia Bank-Southern Iberia Abyssal Plain rifted margin segment boundary using multichannel seismic and ocean bottom seismometer data, *Jour. Geophys. Res.*, v. 112, B03408, doi: 10.1029/2006JB004581.
- Nordfjord, S., J.A. Goff, J.A. Austin, Jr., and S.P.S. Gulick, 2006, Seismic facies of incised valley-fills, New Jersey Continental Shelf: Implications for erosion and preservation processes during latest Pleistocene-Holocene transgression. *Journal of Sedimentary Research*, v. 76, p. 1284-1303. (DOI: 10.2110/jsr2006.108)
- Gulick, S.P.S., J.A. Goff, J.A. Austin, Jr., C.R. Alexander, Jr., S. Nordfjord and C.S. Fulthorpe, 2005, Basal inflection-controlled shelf-edge wedges off New Jersey track sea-level fall. *Geology*, v. 33, no. 5, p. 429-432.
- Goff, J.A., J.A. Austin, Jr., S. Gulick, S. Nordfjord, B. Christensen, C. Sommerfield, H. Olson, and C. Alexander, 2005, Recent and modern erosion on the New Jersey outer shelf. *Marine Geology*, v. 216, p. 275-296.
- Nordfjord, S., J.A. Goff, J.A. Austin, Jr., and C.K. Sommerfield, 2005, Seismic geomorphology of buried channel systems on the New Jersey outer shelf: Assessing past environmental conditions. *Marine Geology*, v. 214, pp. 339-364.
- Austin, J.A., Jr., 2004, The Integrated Ocean Drilling Program: Utilizing new drilling platforms for ocean research. *Marine Technology Society Journal*, v. 38, no. 2, p. 44-54.
- Fulthorpe, C.S., and J.A. Austin, Jr., 2004, Shallowly buried, enigmatic seismic stratigraphy on the New Jersey outer shelf: Evidence for latest Pleistocene catastrophic erosion? *Geology*, v. 32, no. 12, p. 1013-1016.
- Moss, G.D., D.L. Cathro, and J.A. Austin, Jr., 2004, Sequence biostratigraphy of prograding clinoforms, Northern Carnarvon Basin, Western Australia: A proxy for variations in Oligocene to Pliocene global sea-level? *PALAIOS*, 19, p. 206-226.

- Cathro, D.L., J.A. Austin, Jr., and G.D. Moss, 2003, Progradation along a deeply submerged Oligocene-Miocene heterozoan carbonate shelf: How sensitive are clinofolds to sea-level variations? *AAPG Bull.*, v. 87, no. 10, p. 1547-1574.
- Christeson, G.L., D.H.N. Barker, J.A. Austin, and I.W.D. Dalziel, 2003, Deep crustal structure of Bransfield Strait: Initiation of a backarc basin by rift reactivation and propagation, *J. Geophys. Res.*, 108, 2492, doi:10.129/2003JB002468.
- Barker, D.H.N., G.L. Christeson, J.A. Austin, Jr., and I.W.D. Dalziel, 2003, Backarc basin evolution and cordilleran orogenesis: Insights from new ocean-bottom seismograph refraction profiling in Bransfield Strait, Antarctica: *Geology*, v. 31, no. 2, p. 107-110.
- Burger, R.L., C.S. Fulthorpe, and J.A. Austin, Jr., 2003, Effects of triple junction migration and glacioeustatic cyclicity on evolution of upper slope morphologies, offshore Eel River Basin, northern California: *Marine Geology*, v. 199, no. 3-4, p. 307-336.
- Christie-Blick, N., and J.A. Austin, Jr., 2002, Synopsis of Leg 174A postcruise science: http://www-odp.tamu.edu/publications/174A_SR/synopsis/synopsis.htm.
- 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, no. 3-4, 249-281.
- Austin, J.A., Jr., and C.A. Nittrouer, 2001, Conference investigates formation and preservation of the continental margin stratigraphic record, *Eos*, v. 82, no. 42, p. 485, 488.
- Cathro, D.L., and J.A. Austin, Jr., 2001, An early mid-Miocene, strike-parallel shelfal trough and possible karstification in the Northern Carnarvon Basin, northwest Australia, *Marine Geology*, v. 178, p. 157-169.
- Burger, R.L., C.S. Fulthorpe, and J.A. Austin, 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.
- Duncan, C.S., J.A. Goff, J.A. Austin, Jr., and C.S. Fulthorpe, 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.
- Austin, J.A., Jr., 2000, Seeing double: IPSC plans the future of scientific ocean drilling, *JOI-USSAC Newsletter*, v. 13, no. 1, p. 1-3.
- Fulthorpe, C.S., J.A. Austin, Jr., and G.S. Mountain, 2000, Morphology and distribution of Miocene slope incisions off New Jersey: Are they diagnostic of sequence boundaries? *Geol. Soc. America Bull.*, v. 112, no. 6, p. 817-828.
- Austin, J.A., Jr., 1999. Ocean Science Education Looks to the Future. *Eos*, v. 80, no. 13, p. 141.
- Fulthorpe, C.S., J.A. Austin, Jr., and G.S. Mountain, 1999, Buried fluvial channels off New Jersey: Did sea-level lowstands expose the entire shelf during the Miocene? *Geology*, v. 27, no. 3, p. 203-206.
- Buck, K.F., H.C. Olson, and J.A. Austin, Jr., 1999, Paleoenvironmental evidence for latest Pleistocene sea-level fluctuations on the New Jersey outer continental shelf: combining high-resolution sequence stratigraphy and foraminiferal analysis, *Marine Geology*, v. 154, p. 287-304.
- Coffin, M.F., O. Eldholm, P.L. Stoffa, and J.A. Austin, Jr., 1998, Looking ahead to the future of marine reflection seismology, *Eos*, v. 79, no. 50, p. 614-615.
- Barker, D.H.N., and J.A. Austin, Jr., 1998, Rift propagation, detachment faulting, and associated magmatism in Bransfield Strait, Antarctica, *Jour. Geophys. Res.*, v. 103, p. 24,017-24,043.
- Austin, J.A., Jr., N. Christie-Blick, G.S. Mountain, and ODP Leg 174A Scientific Party, 1998, Miocene to Pleistocene sand-rich sequences and sea level changes at the New Jersey outer shelf: Results from Leg 174A, *JOIDES Jour.*, v. 24, no. 1, p. 4-6, 19.
- Delaney, P., J.A. Austin, Jr., R.W. Murray, and R.S. Detrick, 1998, Community support needed for continued ocean drilling, *Eos*, v. 79, no. 31, p. 369.
- Luhurbudi, E.C., J. Pulliam, J.A. Austin, Jr., P.L. Stoffa, and S. Saustrop, 1998, Removal of diurnal tidal effects from an ultra-high resolution 3D marine seismic survey on the continental shelf off New Jersey, *Geophysics*, v. 63, no. 3, p. 1036-1040.
- Davies, T.A., and J.A. Austin, Jr., 1998, Buried periglacial drainage channels on the New Jersey continental shelf, in *Acoustic Images of Glaciated Continental Margins*, Davies, T.A., et al., eds., Chapman and Hall, London.
- Fulthorpe, C.S., and J.A. Austin, Jr., 1998, The anatomy of rapid margin progradation: three-dimensional geometries of Miocene clinofolds offshore New Jersey, *AAPG Bull.*, v. 82, p. 251-273.
- Austin, J.A., Jr., N. Christie-Blick, M. Malone, et al., 1998, *Proc. ODP, Init. Repts.*, 174A: College Station, TX (Ocean Drilling Program). (Available on the WWW at http://www-odp.tamu.edu/publications/174A_IR/174ATOC.HTM)

- Davies, T.A., and J.A. Austin, Jr., 1997, High-resolution 3D seismic reflection and coring techniques applied to late Quaternary deposits on the New Jersey shelf, *Marine Geology*, v. 143, p. 137-149.
- Klepeis, K.A., and J.A. Austin, Jr., 1997, Contrasting styles of superposed deformation in the southernmost Andes, *Tectonics*, v. 16, no. 5, p. 755-776.
- Austin, J.A., Jr., 1997, Continental terraces hold clues to the generation and preservation of the stratigraphic record, *Eos*, v. 78, no. 1, p. 1-2.
- Lagoë, M.B., T.A. Davies, J.A. Austin, Jr., and H.C. Olson, 1997, Foraminiferal constraints on very high-resolution seismic stratigraphy and late Quaternary glacial history, New Jersey continental shelf, *Palaios*, v. 12, p. 249-266.
- Meyers, J.B., B.R. Rosendahl, H. Groschel-Becker, J.A. Austin, Jr., and P.A. Rona, 1996, Deep-penetrating MCS imaging of the rift-to-drift transition, offshore Douala and North Gabon basins, West Africa, *Marine and Petroleum Geology*, v. 13, no. 7, p. 791-835.
- Austin, J.A., Jr., C.S. Fulthorpe, G.S. Mountain, D. Orange, and M. Field, 1996, Continental-margin seismic stratigraphy: assessing the preservation potential of heterogeneous geologic processes operating on continental shelves and slopes, *Oceanography*, v. 9, no. 3, p. 173-177.
- Pulliam, J., J.A. Austin, Jr., E.C. Luhurbudi, S. Saustrop, and P.L. Stoffa, 1996, An ultra-high resolution 3-D survey of the shallow subsurface on the continental shelf of New Jersey, *The Leading Edge*, v. 15, no. 7, p. 839-845.
- Meyers, J.B., B.R. Rosendahl, and J.A. Austin, Jr., 1996, Deep-penetrating MCS images of the South Gabon Basin: Implications for rift tectonics and post-break-up salt remobilization, *Basin Research*, v. 8, no. 1, p. 65-84.
- Corso, W., and J.A. Austin, Jr., 1995, Tectonic control of Early Cretaceous carbonate platforms in the Gulf of Mexico, *Proceedings, Offshore Technology Conference*, OTC 7690, p. 495-505.
- Oh, J., J.A. Austin, Jr., J.D. Phillips, M.F. Coffin, and P.L. Stoffa, 1995, Seaward-dipping reflectors offshore the southeastern United States: Seismic evidence for extensive volcanism accompanying sequential formation of the Carolina trough and Blake Plateau basin, *Geology*, v. 23, p. 9-12.
- Barker, D.H.N., and J.A. Austin, Jr., 1994, Crustal diapirism in Bransfield Strait, West Antarctica -- Evidence for distributed extension in marginal basin formation, *Geology*, v. 22, p. 657-660.
- Holbrook, W.S., E. C. Reiter, G.M. Purdy, D. Sawyer, P.L. Stoffa, J.A. Austin, Jr., J. Oh, and J. Makris, 1994, Deep structure of the U.S. Atlantic continental margin, offshore South Carolina, from coincident ocean-bottom and multichannel seismic data, *Jour. Geophys. Res.*, v. 99, p. 9155-9178.
- Austin, J.A., Jr., 1994, Scientific Ocean Drilling and Continental Margins - Understanding the Fundamental Transition from Continent to Ocean, *Oceanus*, v. 36, no. 4, p. 91-94.
- Denny, W.M., III, J.A. Austin, Jr., and R.T. Buffler, 1994, Seismic stratigraphy and geologic history of mid-Cretaceous through Cenozoic rocks, southern Straits of Florida: *AAPG Bull.*, v. 78, p. 461-487.
- Barker, D.H.N., and J.A. Austin, Jr., 1994, EW91-01: New multichannel seismic results from Bransfield Strait, Antarctica, *Antarctic Journal of the U.S., Review*, v. 28, no. 5, p. 101-102.
- Davies, T.A., J.A. Austin, Jr., M.B. Lagoë, and J.D. Milliman, 1992, Late Quaternary sedimentation off New Jersey: New results from 3-D seismic profiles and cores, *Marine Geology*, v. 108, p. 323-344.
- Dillon, W.P., J.A. Austin, Jr., K.M. Scanlon, N.T. Edgar, and L.M. Parson, 1992, Accretionary margin of northwestern Hispaniola: morphology, structure and development of part of the northern Caribbean plate boundary, *Marine and Petroleum Geology*, v. 9, p. 70-88.
- Austin, J.A., Jr., 1992, Ocean Drilling Program Sets FY 93 Schedule, *Eos*, v. 73, no. 11, p. 117-118.
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ABSTRACTS:

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