

## CURRICULUM VITAE

**NAME:** James Albert Austin, Jr.

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**PRESENT POSITION:** Senior Research Scientist – Institute for Geophysics, John A. and Katherine G. Jackson School of Geosciences, The University of Texas at Austin

**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 - Institute for Geophysics (until 1982, Marine Science Institute/Galveston Geophysics Laboratory), University of Texas at Austin

1990-Present: Senior Research Scientist - Institute for Geophysics, John A. and Katherine G. Jackson School of Geosciences (since 2005), University of Texas at Austin

2012-2017: Associate Director, International Relations - Institute for Geophysics, John A. and Katherine G. Jackson School of Geosciences, University of Texas at Austin

1998-2005: President, Woods Hole-MIT Joint (Graduate) Program in Oceanography and Applied Ocean Science and Engineering Alumni/ae Association

1998-Present: Corporation member, Woods Hole Oceanographic Institution

2007-Present: Trustee (one of 32, only scientist Trustee), Woods Hole Oceanographic Institution

2000-2004: Member, Budget and Finance Committee, American Geophysical Union (AGU)

2004-2010: Inaugural Chair, Development Board, American Geophysical Union (AGU)

2017-Present: Member, AGU Development Board

1994: Acting Director, Ocean Drilling Program (ODP), Joint Oceanographic Institutions, Inc.

2003-2004: Interim Director, Integrated Ocean Drilling Program (IODP)

2013: Chair, NSF Decadal Review Panel for International Ocean Discovery Program (IODP)

2014-2015: Member, IODP Science Evaluation Panel

2015-2018: Chair, International Ocean Discovery Program (IODP) Forum

2006-2014: Member, NOAA Ocean Exploration Advisory Working Group

2014-Present: Member and (since 2017) Vice-Chair, NOAA Ocean Exploration Advisory Board

Seagoing Research [funding source(s) indicated; Principal Investigator or co-PI unless otherwise listed]:

- 2015:
  - Co-Lead Scientist, *R/V Marcus G. Langseth*, 3D MCS operations, East Coast U.S. [NSF]
  - Co-Lead Scientist, *R/V Mediterranean Explorer*, CHIRP/sidescan sonar/multibeam bathymetry operations, Israel continental shelf [JSG/seed grant program]
- 2014:
  - Co-Lead Scientist, *R/V Okeanos Explorer*, ROV/multibeam bathymetry operations, East Coast U.S. submarine canyons [NOAA]
  - Co-Lead Scientist, *R/V Okeanos Explorer*, ROV/multibeam bathymetry operations, Gulf of Mexico [NOAA]
- 2013:
  - Participant, *R/V Seawolf/R/V Pritchard*, CHIRP seismic profiling/multibeam bathymetry surveying/grab sampling, offshore Long Island [JSG/rapid response]
- 2012:
  - Chief Scientist, *R/V Tioga*, CHIRP seismic profiling, New England continental margin [UTIG/IOP]

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- Co-Lead Scientist, *R/V Okeanos Explorer*, ROV/multibeam bathymetry operations, Gulf of Mexico [NOAA]
- 2011:
  - Co-Chief Scientist, *E/V Nautilus*, ROV operations, offshore Israel and Spain (two expeditions) [OET]
- 2010:
  - Co-Chief Scientist, *E/V Nautilus*, ROV operations, Israel continental margin [OET]
  - Participant, *R/V G.O. Sars*, multibeam bathymetric profiling/CHIRP seismic reflection/giant piston coring, Norwegian margin [UTIG/IOP]
- 2009:
  - Participant, *R/V Sonne*, multichannel seismic reflection, Sumatra convergent margin [NSF/NERC]
- 2008:
  - Participant, *R/V Sonne*, multichannel seismic reflection, Sumatra convergent margin [NSF]
- 2007:
  - Co-Chief Scientist, *R/V Knorr*, vibracoring, New Jersey shelf [ONR/JSG/JIP]
- 2006:
  - Co-Chief Scientist, *R/V Neecho*, piston coring, Lago Fagnano - Tierra del Fuego [NGS]
  - Co-Chief Scientist, *R/V Alis*, multichannel seismic profiling, Sabine Bank - western Pacific [JSG]
- 2005:
  - Co-Chief Scientist, *R/V Alis*, multichannel seismic reflection, Sabine Bank - western Pacific [NSF/JSG]
  - Co-Chief Scientist, *R/V Neecho*, seismic profiling, Lago Fagnano - Tierra del Fuego [NGS]
  - Participant, *M/V The Performer*, ROV operations and single-channel seismic profiling, 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 seismic 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*, PROD sea trials, Puget Sound [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*, 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<sup>®</sup> high-resolution (3D) deep-towed single-channel seismic reflection and vibracoring, 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, to L-DEO]
- 1989:

- Chief Scientist, *R/V Cape Henlopen*, Hunttec<sup>®</sup> high-resolution (3D) deep-towed single-channel seismic reflection, New Jersey shelf [ONR]
- 1988:
  - Co-Chief Scientist, *R/V Atlantic Twin*, Hunttec<sup>®</sup> high-resolution (2D) deep-towed single-channel seismic reflection, New Jersey shelf/slope [ONR, to Milliman/WHOI]
  - 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*, multichannel seismic reflection, Tierra del Fuego, southernmost Andes [NSF]
- 1987:
  - Co-Chief Scientist, *R/V Polar Duke*, single-channel 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*, multichannel seismic reflection, eastern Canada [NSF]
  - Chief Scientist, *R/V Fred H. Moore*, multichannel seismic reflection, Bahamas [JOI, Inc.]
- 1983:
  - Co-Chief Scientist, *R/V Robert D. Conrad*, multichannel seismic reflection, Morocco [JOI, Inc., to L-DEO]
- 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, not a PI or co-PI]
- 1980:
  - Chief Scientist, *R/V Fred H. Moore*, multichannel seismic reflection, Bahamas [JIP]
- 1979:
  - Chief Scientist, *R/V Fred H. Moore*, multichannel seismic reflection, Southwest Africa [JOI, Inc.]
- 1977:
  - Co-Chief Scientist, *R/V Atlantis II*, multichannel seismic reflection, Canadian Maritime Provinces [NSF, to WHOI]
- 1975:
  - Participant, *R/V Atlantis II*, multichannel seismic reflection, Georges Bank/southern New England [NSF/U.S. State Department, to WHOI - dissertation research]

#### Community Service:

- *Jackson School of Geosciences*: Instructor, GeoFORCE, Appalachians (12<sup>th</sup> grade Academy), 2011-2015.
- *Project EDGE* (commercial MCS profiling of U.S. continental margins): Assistant Manager for Science (under M. Talwani), 1986-1993.
- *National Science Foundation (NSF)*: Member, Ocean Sciences Division, review panel, 1988; Member, Antarctic Research Vessel Oversight Committee (ARVOC), member, 2001-2005; Chair, IODP Decadal Review Panel, 2013.
- *Office of Naval Research (ONR)*: Member, STRATAFORM Initiative, Steering Committee, 1993-2001.
- *National Oceanic and Atmospheric Administration (NOAA)*: Member, Ocean Exploration Advisory Working Group, 2006-2014; member and Vice-Chair, Ocean Exploration Advisory Board (FACA panel), 2014-Present.
- *American Geophysical Union (AGU)*: Member, Budget & Finance Committee, 2000-2004; inaugural Chair, Development Board, 2004-2010; member, Development Board, 2017-Present.
- *National Academy of Sciences (NAS)*: Member, MARGINS Initiative, Science Committee, 1988-1990, 1992-1997.
- *Woods Hole Oceanographic Institution (WHOI)*: Member, Corporation, 1998-Present; Trustee (one of 32, only scientist), 2007-Present.
  - *Woods Hole Oceanographic Institution-Massachusetts Institute of Technology Joint (Graduate) Program in Oceanography and Applied Ocean Science and Engineering, Alumni/ae Association*: President, 1998-2005.
- *Joint Oceanographic Institutions, Inc. (JOI, Inc.)*: University of Texas at Austin representative, Site Survey Planning Committee, 1980-1984; Member, U.S. Scientific Advisory Committee (USSAC) (in support of ODP), 1995-1998.

- *Ocean Drilling Program (ODP)*: 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.
- *Joint Oceanographic Institutions for Deep-Earth Sampling (JOIDES)*: member, COMPOST-I (Committee on Post-1998 Drilling), 1993; member, COMPOST-II (Committee on Post-2003 Drilling), 1996-1997; Member, CONCORD (Conference on Cooperative Ocean Riser Drilling) Steering Committee, 1996-1997; COMPLEX (Conference on Multi-Platform Experiments) Steering Committee, 1998-1999.
- *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, 2003-2004.
- *International Ocean Discovery Program (IODP)*: Member, Science Evaluation Panel, 2014-2015. Chair, Forum, 2015-2018.

#### Student Advising:

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; University of Geneva, Switzerland (UG).  
Matriculated students, with thesis/dissertation title and affiliation:

2016:

- P. Goktas, M.S.*, “Morphologies and controls on development of Pliocene-Pleistocene carbonate platforms: Northern Carnarvon Basin, Northwest Shelf of Australia” [DGS]
- M. Frederik, Ph.D.*, “Morphology and Structure of the Accretionary prism Offshore North Sumatra, Indonesia and Offshore Kodiak island, U.S.A. – A Comparison to Seek a Link Between Prism Formation and Hazard Potential” [DGS]

2012:

- *K. Martin, Ph.D.*, “The West Andaman Fault: a complex strain-partitioning boundary at the seaward edge of the Aceh Basin, offshore Sumatra” [DGS]

2011:

- *C. Sanchez, Ph.D.*, “Controls on Sedimentary Processes and 3D Stratigraphic Architecture of a Mid-Miocene to Recent, Mixed Carbonate-Siliciclastic Continental Margin: Northwest Shelf of Australia” [DGS]

2009:

- *N. Waldmann, Ph.D.*, “Stratigraphic and Paleoclimatic History of Lago Fagnano, Tierra del Fuego” [UG]

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]

#### Graduate and Undergraduate Training

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 and multichannel 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 Texas Institute for Geophysics Career Researcher Award, 2013

IODP/ECORD Career Service Award (awarded by NSF), 2012

Jackson School of Geosciences, Outstanding (Career) Service Award, 2008

University of Rhode Island, Graduate School of Oceanography, Dean's List Award, 2007

Jackson School of Geosciences, Research Fellowships, 2005-2006, 2006-2007

Distinguished Alumnus Award, Woods Hole Oceanographic Institution, 2005

JOI-USSAC Distinguished Lecturer, 1997-1998  
 Biographer, Shepard Medal, SEPM (recipient - Elazar Uchupi, WHOI), 1991  
 Fellow, Geological Society of America, 1986  
 Finalist, National Merit Scholarship, 1969  
 New York State Regents Scholarship, 1969  
*Cum Laude* Society, 1969  
 Bausch & Lomb Honorary Science Award, 1969

#### MEMBERSHIPS IN PROFESSIONAL SOCIETIES:

Fellow, Geological Society of America  
 American Geophysical Union  
 Sigma Xi  
 Yellowstone-Bighorn Research Association

#### PUBLICATIONS:

##### *In press:*

Becker, K., J.A. Austin, Jr., N. Exon, S. Humphris, M. Kastner, J.A. McKenzie, K.G. Miller, K. Suyehiro, and A. Taira, Fifty years of scientific ocean drilling: *Oceanography*.

##### *Published:*

- Liu, S., J.A. Goff, R.D. Flood, B. Christensen, and J.A. Austin, Jr., 2018, Sorted bedforms off western Long Island, New York, USA: Asymmetrical morphology and twelve-year migration record: *Sedimentology*. doi: 10.1111/sed.12462
- Goff, J.A., J.A. Austin, Jr., and B.N. Goodman-Tchernov, Estuarine development and early Holocene transgression across an aeolianite substrate, Caesarea, Israel: *Continental Shelf Research*, v. 158, p. 33-44. doi: 10.1016/j.csr.2018.03.001
- Bangs, N., and J. A. Austin, Jr., 2017, Keeping our focus on the subseafloor, *Eos*, 98, <http://dx.doi.org/10.1029/2017EO083309>. (Published on 03 October 2017.)
- Biari, Y., Klingelhoefer, F., M. Sahabi, T. Funck, M. Benabdellouahed, M. Schnabel, C. Reichert, M.-A. Gutscher, A. Brenner, J.A. Austin, 2017, Opening of the Central Atlantic Ocean: implications for geometric rifting and asymmetric initial seafloor spreading after continental breakup: *Tectonics*, 36, 1129-1150. doi:10.1002/2017TC004596
- Liu, S., J.A. Goff, and J.A. Austin, Jr., 2017, Seismic morphology and infilling structure of the buried channel system beneath the inner shelf off western Long Island, New York: Accessing clues to palaeo-estuarine and coastal processes: *Marine Geology*, v. 387, p. 12-30. <http://dx.doi.org/10.1016/j.mar.geo.2017.03.004>
- Klingelhoefer, F., Y. Biari, M. Sahabi, D. Aslanian, M. Schnabel, L. Matias, M. Benabdellouahed, T. Funck, M.-A. Gutscher, C. Reichert, and J.A. Austin, 2016, Crustal structure variations along the NW-African continental margin: A comparison of new and existing models from wide-angle and reflection seismic data: *Tectonophysics*, 674, 227-252
- Goktas, P., J.A. Austin, Jr., C.S. Fulthorpe, and S.J. Gallagher, 2016, Morphologies and depositional/erosional controls on evolution of Pliocene-Pleistocene carbonate platforms: Northern Carnarvon Basin, Northwest Shelf of Australia: *Continental Shelf Research*, v. 124, p. 63-82.
- Goff, J.A., R.D. Flood, J.A. Austin, Jr., W.C. Schwab, B. Christensen, C.M. Browne, J.F. Denny, and W.E. Baldwin, 2015, The impact of Hurricane Sandy on the shoreface and inner shelf of Fire Island, New York: Large bedform migration and limited erosion: *Continental Shelf Research*, v. 98, p. 13-25. [dx.doi.org/10.1016/j.csr.2015.03.001](http://dx.doi.org/10.1016/j.csr.2015.03.001)
- Frederik, M.C.G., S.P.S. Gulick, J.A. Austin, Jr., N.L. B. Bangs, and Udrek, 2015, What 2D multichannel seismic and multibeam bathymetric data tell us about the North Sumatra wedge structure and coseismic response: *Tectonics*, 34, 1910-1926, doi: 10.1002/2014TC003614.
- Austin, J.A., Jr., N. Bangs, and D.S. Sawyer, 2015, Better utilization of marine seismic data: *EOS*, v. 96, no. 11, p. 31.
- Martin, K.M., S.P.S. Gulick, J.A. Austin, Jr., K. Berglar, D. Franke, and Udrek, 2014, The West Andaman fault: A complex strain-partitioning boundary at the seaward edge of the Aceh Basin, offshore Sumatra: *Tectonics*, v. 33, p. 786-806. doi: 10.1002/2013TC003475
- Rubin-Blum, M., R. Tsadok, E. Shemesh, B.N. Goodman-Tchernov, J.A. Austin, Jr., D.F. Coleman, Z. Ben-Avraham, D.F. Gruber, and D. Tchernov, 2014, Distribution of the *Lamellibrachia* spp.

- (Siboglinidae, Annelida) and their trophosome endosymbiont phylotypes in the Mediterranean Sea: *Mar. Biol.* doi: 10.1007/s00227-014-2413-y
- Waldmann, N., A.M. Borromei, C. Recasens, D. Olivera, M.A. Martinez, N.I. Maidana, D. Ariztegui, J.A. Austin, Jr., F. S. Anselmetti, and C.M. Moy, 2014, Integrated reconstruction of Holocene millennial-scale environmental changes in Tierra del Fuego, southernmost South America: *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 399, p. 294-309. <http://dx.doi.org/10.1016/j.paleo.2014.01.023>
- Rubin-Blum, M., G. Antler, R. Tsadok, E. Shemesh, J.A. Austin, Jr., D.F. Coleman, B.N. Goodman-Tchernov, Z. Ben-Avraham, and D. Tchernov, 2014, First evidence for the presence of iron oxidizing zetaporoteobacteria at the Levantine continental margins: *PLOS One*, v. 9, no. 3, p. 1-10.
- Goff, J.A., J.A. Austin, Jr., R.D. Flood, B. Christensen, C.M. Browne, and S. Sastrup, 2013, Rapid Response Survey Gauges Sandy's Impact on Seafloor Offshore Long Island: *EOS*, v. 94, no. 39, p. 337-338.
- Rubin-Blum, M., G. Antler, A. Turchyn, R. Tsadok, E. Shemesh, B. Goodman-Tchernov, J. A. Austin, Jr., D.F. Coleman, O. Sivan, and D. Tchernov, 2013, Hydrocarbon-related microbial processes in the deep sediments of the Eastern Mediterranean Levantine Basin: *FEMS Microbiology Ecology*, doi 1111/1574-6941.12264.
- Goff, J.A., J.A. Austin, Jr., and C.S. Fulthorpe, 2013, Reinterpretation of the "Franklin Shore" in the Mid-Atlantic Bight as a pale-shelf edge: *Continental Shelf Research*, v. 60, p. 64-69. (<http://dx.doi.org/10.1016/j.csr.2013.04.022>)
- Manasij, S., J.A. Goff, R.J. Steel, and J.A. Austin, Jr., 2013, Forced regressive and lowstand paleo-delta system: Latest Pliocene growth of the outer New Jersey shelf: *Marine Geology*, v. 339, p. 57-70. (<http://dx.doi.org/10.1016/j.margeo.2013.04.001>)
- Christensen, B.A., C. Alexander, J.A. Goff, R.J. Turner, and J.A. Austin, Jr., 2013, The Last Glacial: Insights from continuous coring on the New Jersey continental shelf: *Marine Geology*, v. 335, p. 78-99. (<http://dx.doi.org/10.1016/j.margeo.2012.10.015>)
- Gorman, M.K., T.M. Quinn, F.W. Taylor, J.W. Partin, G. Cabioch, J.A. Austin, Jr., B. Pelletier, V. Ballu, C. Maes, and S. Sastrup, 2012, A coral-based reconstruction of sea surface salinity at Sabine Bank, Vanuatu from 1842-2007 CE: *Paleoceanography*. (doi: 10.1029/2012PA002290)
- Gulick, S.P.S., J.A. Austin, Jr., N.L.B. Bangs, K.M. Martin, L.M. McNeill, T.J. Henstock, J.M. Bull, and S. Dean, 2011, Udpip rupture of the 2004 Sumatra earthquake extended by thick indurated sediments: *Nature Geoscience* 4, p. 453-456. doi: 10:1038/ngeo1176
- Liu, C., C.S. Fulthorpe, J.A. Austin, Jr., and C.M. Sanchez, 2011, Lowstand paleo-shelf exposure and wave erosion on early-middle Miocene sequence boundaries, Northern Carnarvon Basin, Australian Northwest Shelf: *Marine Geology*, 280, p. 179-191. DOI 10.1016/j.margeo.2010.12.010
- Coleman, D.F., J.A. Austin, Jr., Z. Ben-Avraham, and R.D. Ballard, 2011, Exploring the continental margin of Israel: "Telepresence" at work: *Eos*, v. 92, no. 10. p. 81-82.
- Moy, C.M., R.B. Dunbar, T.P. Guilderson, N. Waldmann, D.A. Mucciarone, C. Recasens, D. Ariztegui, J.A. Austin, Jr., and F.S. Anselmetti, 2011, A geochemical and sedimentary record of high southern latitude Holocene climate evolution from Lago Fagnano, Tierra del Fuego: *Earth and Planetary Science Letters*, v. 302, no. 1-2, p. 1-13.
- Waldmann, N., F.S. Anselmetti, D. Ariztegui, J.A. Austin, Jr., M. Pirouz, C.M. Moy, and R. Dunbar, 2010, Holocene mass-wasting events in Lago Fagnano, Tierra del Fuego (54°S): implications for paleoseismicity of the Magallanes-Fagnano transform fault: *Basin Research*, v. 23, no. 2, p. 171-190. doi: 10.1111/j.1365-2117.2010.00489.x
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#### ABSTRACTS:

(Note: In addition to those talks listed below, 1) various invited talks in relation to Ocean Drilling Program involvement as Chair, JOIDES Planning Committee, 1990-1992, including: October, 1990, Townsville, Australia; May, 1991, London, U.K. [Royal Society]; May, 1991, Moscow, Russia; September, 1991, Victoria, B.C., Canada; May, 1992, Copenhagen, Denmark; August, 1992, International Geological Congress, Kyoto, Japan [2]; 2) various invited talks in relation to being a JOI-USSAC Distinguished Lecturer, 1998, including: University of Houston and Smith College, February, 1998; Trinity University (San Antonio), March 1998; College of William & Mary, Vanderbilt and Auburn universities, April 1998; 3) various invited talks in relation to Integrated Ocean Drilling Program involvement as Interim Director, 2003-2004; 4) various invited talks related to involvement in the Ocean Exploration Trust *E/V Nautilus* program, including: KAUST, Saudi Arabia, May 2010; 5.) various invited talks in relation to being Chair, IODP Forum, 2015-2018)

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- Austin, J.A., Jr., 1997, co-convener, *COMPOST-II*, Ocean Drilling Program, Miami, FL.
- Austin, J.A., Jr., 1997, steering committee, *CONCORD Meeting*, International Ocean Drilling Program, Tokyo, Japan.
- Austin, J.A., Jr., 1997, steering committee, *Marine Coring at Margins (MarineCAM)*, JOI-USSAC, Lamont-Doherty Earth Observatory.
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- Austin, J.A., Jr., 1993, steering committee/host, *MARGINS: Magmatism and Mass Fluxes at Margins*, National Science Foundation/Joint Oceanographic Institutions, Inc.: B. Leeman, convener, University of Texas, Austin, TX.
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- Austin, J.A., Jr., 1987, The Ocean Drilling Program, its scope and objectives [invited presentation], *VSP Workshop*, JOI-USSAC: J. Mutter and A. Balch, co-convener, Colorado School of Mines, Golden, CO.
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