

## CURRICULUM VITAE OF SCOTT E ISHMAN

### I. PERSONAL

Present Home Address: 51 Lois Lane, Carbondale, IL 62902 U.S.A.

Present University Department and Affiliation: Southern Illinois University Carbondale, Department of Geology; Center for Ecology

### II. EDUCATION

1982 BS Indiana University of Pennsylvania, Indiana, PA

1985 MS The Ohio State University, Columbus, OH  
Advisor: Peter-N. Webb

1990 PhD The Ohio State University, Columbus, OH  
Advisor: Peter-N. Webb

### III. PROFESSIONAL EXPERIENCE

2013-Present Associate Dean, College of Science, Southern Illinois University Carbondale, Carbondale, IL

2009-Present Professor, Southern Illinois University Carbondale, Carbondale, IL

2003-2009 Associate Professor, Southern Illinois University Carbondale, Carbondale, IL

1999-2003 Assistant Professor, Southern Illinois University Carbondale, Carbondale, IL

1991-1999 Research Geologist, U.S. Geological Survey, Reston, VA

1990-1991 Senior Research Associate, Byrd Polar Research Center, Columbus, OH

### IV. TEACHING EXPERIENCE

Teaching Interests and Specialties: Invertebrate Paleontology, Paleoecology, Micropaleontology, Oceanography, Dinosaurs

Current Graduate Faculty Status: Graduate Faculty

Other:

Courses taught at Southern Illinois University: Geology 425, Invertebrate Paleontology and Paleoecology; Geology 328I, Dinosaurs and the Age of Reptiles; Geology 327I, The World's Oceans; Geology 527, Micropaleontology; Geology 428, Paleoecology and Depositional Environments; Geology 591, Geology of South Florida; and ERP 500.

Courses taught at George Mason University: Introductory Physical Geology Laboratory; Introductory Historical Laboratory.

Courses taught at Northern Virginia Community College: Historical Geology; Physical Geology.

Courses taught at Otterbein College: Historical Geology and Geology of the United States.

Course taught at The Ohio State University: Historical Geology.

### V. UNIVERSITY SERVICE

University Committees:

McLafferty Annex Oversight Committee 2013-2014

McLafferty Annex Advisory Committee 2012

Interdisciplinary Research Enhancement Task Force 2012

Graduate Council; Chair 2011-2012

Program Review Overview Committee 2011-2012

Imagining Geographies Advisory Committee 2011-2014

Commencement Task Force 2011

Graduate Council; Vice-Chair 2010  
Graduate Council; Chair of New Programs Committee 2009  
Chancellor's Planning and Budget Advisory Council 2011& 2012  
Doctoral and Morris Fellowship Selection Committee  
College of Science Dean Search Committee Member

Departmental Committees:

Graduate Coordinator, Department of Geology 2002-2010  
Speakers Committee (Chairman) 2002-2009  
Curriculum Committee 2002-2009  
Search Committee Chair, Isotope Geochemist 2005-2006  
Search Committee Chair, Isotope Geochemist 2004-2005  
Search Committee, Organic Geochemist 2002-2003  
Search Committee, Structural Geologist/Remote Sensing 2001-2002  
Library Committee 1999-2003  
Long Range Planning Committee 1999-2003

Student Committees:

MS 15 (Director)  
PhD 3 (Director)

VI. PROFESSIONAL MEMBERSHIP, SERVICE and CONTRIBUTIONS

Membership and Service in Professional Associations:

North American Micropaleontological Society  
Member 2013-Present  
President 2014  
Sigma Xi  
Member 1999-2012  
President of SIUC Chapter 2007-2008  
American Geophysical Union  
Member 1998-Present  
Geological Society of America  
Member 2000-Present  
Cushman Foundation for Foraminiferal Research  
Member 2000-Present  
International Symposium on Foraminifera (FORAMS) 2014 Steering Committee Member  
Field Stations and Marine Laboratories Emerging Initiatives Conference, Colorado Springs, CO  
2011  
Paleontological Society  
Member 2002-2007, Nominations Committee Chairperson 2005  
Antarctic Marine Geology and Geophysics Vessel Planning Workshop, Washington, DC 2002

Continuing Education Short Courses:

Instructor in Workshop on Antarctic Glacial Marine and Biogenic Sedimentation, 42<sup>nd</sup> Annual Meeting of the Southeastern Section of the Geological Society of America, Tallahassee, FL.

Consultantships:

Advisor to the Center for Quaternary Research, Magallanes University, Punta Arenas, Chile (2003-2008).  
Scientific Advisory Committee Member, Fundación Centro de Estudios del Cuaternario (CEQUA), Punta Arenas, Chile (2009).

Paper and Proposal Reviews:

Reviewer *National Science Foundation*  
Reviewer *Marsden Grants*  
Reviewer *Geology*  
Reviewer *Geological Society of America Bulletin*  
Reviewer *Quaternary Science Reviews*  
Reviewer *Palaeogeography, Palaeoclimatology, Palaeoecology*  
Reviewer *Journal of Foraminiferal Research*  
Reviewer *Marine Micropaleontology*  
Reviewer *Antarctic Science*  
Reviewer *Estuarine, Coastal and Shelf Science*

VII. RESEARCH

Research Interests and Specialties:

Benthic Foraminiferal ecology and paleoecology  
Antarctic Holocene paleoclimate and paleoceanography  
Cenozoic sea level, paleoclimate and paleoceanography  
Environmental and paleoenvironmental assessment of estuarine ecosystems

Current Research Projects:

Holocene paleoclimatic and paleoceanographic record from the Antarctic Peninsula region, Antarctica.  
Neogene Antarctic ice volume and sea level.  
Impact of seasonality on Antarctic benthic foraminifera and its application to paleoceanographic reconstructions.

Research Grants Received:

Collaborative Research in IPY: Abrupt Environmental Change in the Larsen Ice Shelf System, a Multidisciplinary Approach - Marine and Quaternary Geosciences. National Science Foundation (OPP-732554), \$382,462.00, 10/01/2007-8/31/2014.

Reconstructing Miocene glaciomarine environments of SMS using foraminifera. University of Nebraska/National Science Foundation, \$78,930.00; 6/01/08-3/01/11.

Collaborative Research: Testing the Impact of Seasonality on Benthic Foraminifera as Paleoenvironmental Proxies. National Science Foundation (OPP-0635531), \$85,369.00, 6/25/2007-6/24/2009.

Using Foraminifera to Resolve the Neogene Ice Sheet, Glacio-eustatic, & Tectonic History of Southern McMurdo Sound. University of Nebraska/National Science Foundation (ANT-0342484), \$49,713.00, 6/01/07-5/31/08.

U.S.-Chile Program Planning Visit: Neogene Climate-driven Changes in the Terrestrial and Marine Paleoenvironments of Western South America, National Science Foundation, \$19991; 11/01/05-12/31/06. (with Ken Anderson)

Paleohistory of the Larsen Ice Shelf: Phase II: National Science Foundation, \$185,696; 04/15/04-03/31/07.

Ecosystem History of Biscayne Bay: U.S. Geological Survey, \$24,547; 10/01/03-9/30/04.  
U.S.-Chile Cooperative Research Proposal on the Cenozoic paleoceanographic and paleoclimatic evolution of northern and central Chile: National Science Foundation (INT-0203555) \$49,967; 08/01/02-07/31/05.

Origin of salinity changes in Biscayne Bay: U.S. Geological Survey, \$24,500; 05/10/02-03/31/03.  
Collaborative Research: Larsen Ice Shelf-A: A model for Antarctic ice shelf-ocean dynamics:  
National Science Foundation (OPP-0003633) \$85,976; 04/01/01-03/31/03.

U.S.-Chile Program Planning Visit: Research on Late Cenozoic evolution of northern Chile:  
National Science Foundation (INT-0119298) \$5519; 6/15/01-5/31/02.

Foraminifer paleoecology of Florida and Biscayne Bays: U.S. Geological Survey, \$24,000.  
Impact of extreme drought conditions on the Chesapeake Bay estuarine ecosystem: ORDA,  
\$3000.

Holocene Paleoenvironmental change along the Antarctic Peninsula: A Test of the Solar/Bi-Polar  
Signal: National Science Foundation (OPP-9615669) \$27,000.00, January 1997 to March  
1999.

Late Quaternary paleoclimatic history of southern Chile: Evidence from the marine record: 1992-  
1994, National Science Foundation (OPP-9496329), \$229,069.00, May 1992 to May 1994.  
Quaternary climatic record from the Antarctic Peninsula region, Antarctica: National Science  
Foundation (DPP-8917200), \$141,720.00, January 1990-December 1991.

#### Honors and Awards:

Shell Doctoral Fellowship: \$10,500.00, 1988-1989.  
ARCO Travel Fund: \$250.00, 1987.  
Sigma Xi Grant-in-Aid: \$650.00, 1986.

### VIII. BIBLIOGRAPHY

#### Peer Reviewed Papers:

Balco, G, Schaefer, J.M., and **LARISSA group** (2013) Exposure-age record of Holocene ice sheet  
and ice shelf change in the northeast Antarctic Peninsula. *Quaternary Science Reviews*, 59: 101-111.

Patterson, M.O. and **Ishman, S.E.** (2012) Neogene benthic foraminiferal assemblage zones and  
paleoenvironmental record for McMurdo Sound, Antarctica. *Geospheres*, 8: 1331-1341: doi:  
10.1130/GES00771.1.

Pinter, N., Scott, A.C., Daulton, T.L., Podoll, A., Koeberl, C., Anderson, R.S., **Ishman, S.E.** (2011)  
The Younger Dryas impact hypothesis: A requiem. *Earth-Science Reviews*, 106 (3-4): 247 – 264.

Klaus, J.S., Lutz, B.P. McNeill, D.F., Budd, A.F., Johnson, K.G. and **Ishman, S.E.** (2011) Rise and  
fall of Pliocene free-living corals in the Caribbean. *Geology*, 39: p. 375-378.

Frank, T.D, Z. Gui, and the **ANDRILL SMS Science Team** (2010) Cryogenic origin for brine in  
the subsurface of southern McMurdo Sound, Antarctica. *Geology*, 38: 587-590.

Warny, S., R.A. Askin, M.J. Hannah, B.A.R. Mohr, J.I Raine, D.M. Harwood, F. Florindo and the  
**SMS Science Team** (2009) Palynomorphs from a sediment core reveal a sudden remarkably  
warm Antarctica during the Middle Miocene. *Geology*, 37: 955-958.

Acton G., Crampton J., DiVincenzo G., Fielding C.R., Florindo F., Hannah M., Harwood D.M., **Ishman S.**, Johnson K., Jovane L., Levy R., Lum B., Marcano M.C., Mukasa S., Ohneiser C., Olney M., Riesselman C., Sagnotti L., Stefano C., Strada E., Taviani M., Tuzzi E., Verosub K.L., Wilson G.S., Zattin M. and the ANDRILL-SMS Science Team (2008-2009) Preliminary integrated chronostratigraphy of the AND-2A Core, ANDRILL Southern McMurdo Sound Project Antarctica. *Terra Antarctica*, 15: 211-220.

Taviani, M., Hannah, M., Harwood, D.M., **Ishman, S.E.**, Johnson, K., Olney, M., Riesselman, C., Tuzzi, E., Askin, R., Beu, A.G., Blair, S., Cantarelli V., Ceregato A., Corrado S., Mohr B., Nielsen S.H.H., Persico D., Petrushak S., Raine J.I., Warny S. and the ANDRILL SMS Science Team (2008-2009) Palaeontological characterization and analysis of the AND-2A Core, ANDRILL Southern McMurdo Sound Project, Antarctica. *Terra Antarctica*, 15: 113-146.

Achurra, L.E., J.P. Lacassie, J.P. Le Roux, C. Marquardt, M. Belmar, J. Ruiz-del-Solar, **S.E. Ishman** (2009) Manganese nodules in the Miocene Bahía Inglesa Formation, north-central Chile: Petrography, geochemistry, genesis and palaeoceanographic significance. *Sedimentary Geology*, 217: 128 - 139

Lutz, B.P., **S.E. Ishman**, D.F. McNeill, J.S. Klaus, and A.F. Budd, (2008) Late Neogene planktonic foraminifera of the Cibao Valley (northern Dominican Republic): Biostratigraphy and paleoceanography. *Marine Micropaleontology*, 69: 282-296.

Pinter, N., and **S.E. Ishman**, 2008. Impacts, mega-tsunamis, and other extraordinary claims. *GSA Today*, 18(1): 37-38.

Pinter, N., and **S.E. Ishman**, (2008) Reply to comments on "Impacts, mega-tsunamis, and other extraordinary claims." *GSA Today*, 18(6): e14.

Szymczek, P., **S.E. Ishman**, E.W. Domack, and A. Leventer, (2007). Holocene Oceanographic and Climatic Variability of the Vega Drift Deduced through Foraminiferal Interpretation. In Cooper, Alan, Raymond, Carol, and the ISAES Editorial Team, 2007, Antarctica: A keystone in a changing world--online proceedings for the tenth international symposium on Antarctic earth sciences: *U.S. Geological Survey Open-File Report 2007-1047*(DVDROM) [<http://pubs.usgs.gov/of/2007/1047/>], Short Research Paper 010, DOI: 10.3133/of2007-1047.srp010.

Hromic, T., **Ishman, S.** and Silva, N., 2006. Benthic foraminiferal distributions in Chilean fjords: 47°S to 54°S. *Marine Micropaleontology*, 59: 115-134.

Le Roux, J.P., D.M. Olivares, S.N. Nielsen, N.D. Smith, H. Middleton, J. Fenner, **S.E. Ishman**, 2006. Bay sedimentation as controlled by regional crustal behaviour, local tectonics and eustatic sea-level changes: Coquimbo Formation (Miocene–Pliocene), Bay of Tongoy, central Chile. *Sedimentary Geology*, 184: 133-153.

Domack, E., **S. Ishman**, A. Leventer, S. Sylva, V. Willmott and B. Huber (2005) A chemotrophic ecosystem found beneath Antarctic ice shelf. *Eos, Transactions, American Geophysical Union*, 86(29): 269, 271-272.

Domack, E, D. Duran, A. Leventer, **S. Ishman**, S. Doane, S. McCallum, D. Amblas, J. Ring, R. Gilbert, and M. Prentice (2005) Stability of the Larsen B ice shelf on the Antarctic Peninsula during the Holocene epoch. *Nature*, 436: 681-685

- Ishman, S.E.** and Webb, P.-N. (2003) Cryogenic biostratigraphy of supra-ice shelf foraminifer assemblages, McMurdo Sound, Antarctica. *Journal of Foraminiferal Research*, 33: 122-131.
- Ishman, S.E.** and Szymcek, P.(2003) The impact of ice shelf decay on the spatial and temporal distributions of foraminifera: Larsen-A Ice Shelf and Prince Gustav Channel, eastern Antarctic Peninsula. Domack et al. (eds), Antarctic Peninsula Climatic Variability: A Historical and Paleoenvironmental Perspective, *Antarctic Research Series*, 79: 239-260.
- Brachfeld, S., E. Domack, C. Kissel, C. Laj, A. Leventer, **S. Ishman**, R. Gilbert, A. Camerlenghi, and L.B. Eglinton (2003) Holocene history of the Larsen-A Ice Shelf constrained by geomagnetic paleointensity dating. *Geology*, 31: 749-752
- Ishman, S.E.** and Sperling, M.R. (2002) Benthic foraminiferal record of Holocene deep-water evolution in the Palmer Deep, western Antarctic Peninsula. *Geology*, 30: 435-438.
- Ishman, S.E.** (2001) Ecological controls on benthic foraminifer distributions in Biscayne Bay, Florida. *Bulletins of American Paleontology*, 361: 233-248.
- Domack, E., Leventer, A., Gilbert, R., Brachfeld, S., **Ishman, S.**, Camerlenghi, A., Gavahan, K., Carlson, D., and Barkoukis, A. (2001) Seafloor stratigraphy beneath the former Larsen Ice Shelf, Antarctica examined during austral winter cruise of the RVIB N.B. Palmer. *EOS, AGU Transactions*.
- Camerlenghi, A., Rebesco, M., Brachfeld, S., Domack, E., Drake, A., Gilbert, R., **Ishman, S.**, and Leventer, A., (2001). Glacial morphology and post-glacial contourites in northern Prince Gustav Channel (NW Weddell Sea, Antarctica). *Marine Geophysical Researches*, 22: 417-443.
- Ishman, S. E.** and Webb, P. N. (1988) Late Neogene benthic foraminifera from the Victoria Land Basin margin, Antarctica: application to glacio-eustatic and tectonic events. *Revue de Paleobiologie*, Special Volume 2(2): 523-551.
- Cronin, T. M., Willard, D. A., R. T. Kerhin, A. W. Karlsen, C. Holmes, **S. Ishman**, S. Verardo, J. McGeehin, S. Colman, A. Zimmerman (2000) Climatic variability in the eastern United States over the past millennium from Chesapeake Bay sediments. *Geology*, 28:3-6.
- Ishman, S.E.** (2000) Benthic foraminiferal distributions in South Florida: Analogues to historical changes. In R.E. Martin (ed.) *Environmental Micropaleontology*, Volume 15 of Topics in Geobiology, Kluwer Academic/Plenum Publishers, New York, 2000.
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- Cronin, T.M. and **Ishman, S.E.** (2000) Holocene paleoclimate from Chesapeake Bay based on ostracodes and benthic foraminifera from Marion-Dufresne core MD99-2209. *US Geological Survey Open-File Report* 00-306, 93-101.
- Cronin, T., S. Colman, D. Willard, R. Kerhin, C. Holmes, A. Karlsen, **S. Ishman**, J. Bratton. 1999. Interdisciplinary environmental project probes Chesapeake Bay down to the core. *EOS, AGU Transactions* v. 80, no. 21, p. 237, 240-241.

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- Brewster-Wingard, G.L., **Ishman, S.E.**, and Holmes, C.W., 1998. Environmental impacts on the southern Florida coastal waters: A history of change in Florida Bay. *Journal of Coastal Research*, 26: 162-172.
- Ishman S.E.** and Foley, K. (1996) Modern benthic foraminifer distribution in the Canada Basin, western Arctic Ocean. *Micropaleontology*, 42: 206-220.
- Ishman, S.E.** (1996) A benthic faunal record of mid-Gauss (3.15-2.85 Ma) deep water change in the North Atlantic. *Marine Micropaleontology*, 27: 165-180.
- Ishman, S.E.**, Polyak, L. and Poore, R.Z. (1996) An expanded record of Quaternary oceanographic change: Amerasian Arctic Ocean. *Geology*, 24:139-142.
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- Domack, E.W., **Ishman, S.E.**, Stein, A.B., McClennen, C.E. and Jull, A.J.T., 1995, Late advance of the Muller Ice shelf, Antarctic Peninsula: Sedimentologic, geochemical and paleontologic evidence. *Antarctic Science*, 7: 159-170.
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- Poore, R.Z., **Ishman, S.**, Phillips, L., and McNeil, D. (1994) Quaternary stratigraphy and paleoceanography of the Canada Basin, western Arctic Ocean. *United States Geological Survey Bulletin* 2080.
- Dowsett, H. J., Thompson, R. S., Barron, J. A., Cronin, T. M., **Ishman, S. E.**, Poore, R. Z., Willard, D. A., and Holtz, T. R., Jr. (1994) Paleoclimatic reconstruction of a warmer earth: PRISM Middle Pliocene Northern Hemisphere synthesis. *Global and Planetary Change*, 9 (3/4): 169-195.
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- Domack, E. W. and **Ishman, S. E.** (1993) Oceanographic and physiographic controls on modern sedimentation within Antarctic fjords. *Geological Society of America Bulletin*, 105: 1175-1189.
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- Ishman, S. E.** (1993) Circumantarctic benthic foraminifers. In Bryan, J.R., Workshop on Antarctic glacial marine and biogenic sedimentation: notes for a shortcourse. *Florida State University Sedimentology Research Laboratory Contribution*, 57(2): 105-133.

Willard, D. A., Cronin, T. M., **Ishman, S. E.**, and Litwin, R. J. (1993) Terrestrial and marine records climatic and environmental changes during the Pliocene in subtropical Florida. *Geology*, 21: 679-682.

**Ishman, S. E.** and Rieck, H. J. (1992) A Late Neogene Antarctic glacio-eustatic record, Victoria Land Basin margin, Antarctica: *Antarctic Research Series*, 56: 327-248.

**Ishman, S. E.** (1991) Foraminiferal ecology of the Antarctic Peninsula Pacific coast. *Geological Evolution of Antarctica*, M.R.A. Thomson, J.A. Crame, and J.W. Thomson (Eds.). Cambridge University Press, 699-705.

#### Other Papers:

Wingard, G.L. T.M. Cronin, C.W. Holmes, D.A. Willard, G. Dwyer, **S.E. Ishman**, W. Orem, C.P. Williams, J. Albietz, C.E. Bernhardt, C.A. Budet, B. Landacre, T. Lerch, M. Marot, R.E. Ortiz (2004) Ecosystem History of Southern and Central Biscayne Bay: Summary Report on Sediment Core Analyses - Year Two: *U.S. Geological Survey Open File Report 2004-1312*: 117.

Wingard, G.L., T.M. Cronin, G.S. Dwyer, **S.E. Ishman**, D.A. Willard, C.W. Holmes, C.E. Bernhardt, C.P. Williams, M.E. Marot, J.B. Murray, R.G. Stamm, J.H. Murray, and C. Budet (2003) Ecosystem History of Southern and Central Biscayne Bay: Summary Report on Sediment Core Analyses. *U.S. Geological Survey Open File Report 03-375*: 110

Stone, J.R., Cronin, T.M., Brewster-Wingard, G.L., **Ishman, S.E.**, Wardlaw, B.R., and Holmes, C.W. (2000) A paleoecologic reconstruction of the history of Featherbed Bank, Biscayne National Park, Biscayne Bay, Florida: *U.S. Geological Survey Open File Report 00-0191*, 41p.

**Ishman, S.E.**, Brewster-Wingard, G.-L., Cronin, T.M., and Willard, D.A. (1999) Temporal salinity and seagrass changes in Biscayne Bay. *U.S. Geological Survey Open File Report 99-181*:46-47.

Brewster-Wingard, G.L., **Ishman, S.E.**, Cronin, T.M., Willard, D.A., and Huvane, J. (1999) Historical patterns of change in the Florida Bay ecosystem. *U.S. Geological Survey Open File Report 99-181*:4-5.

**Ishman, S.E.**, Karlsen, A.W., and Cronin, T.M. (1999) Chesapeake Bay benthic foraminifera. In: T.M. Cronin, R.S. Wagner, and M. Slattery (Eds.), Microfossils from Chesapeake Bay Sediments: Illustrations and Species Database, *U.S. Geological Survey Open File Report 99-45*, 10-52.

Brewster-Wingard, G.L., **Ishman, S.E.**, Waibel, N.J., Willard, D.A., Edwards, L.E., and Holmes, C.W., 1998. Preliminary paleontologic report on Core 37, from Pass Key, Everglades National Park, Florida Bay. *U.S. Geological Survey Open File Report 98-122*: 22.

**Ishman, S.E.** (1997) Ecosystem history of South Florida: Biscayne Bay sediment core descriptions. *U.S. Geological Survey Open File Report 97-437*: 13.

**Ishman, S.E.**, Graham, I. and D'Ambrosio, J. (1997) Modern benthic foraminifer distributions in Biscayne Bay: analogs for historical reconstructions. *U.S. Geological Survey Open File Report 97-34*: 23.

- Ishman, S.E.** (1997) A paleosalinity record from Manatee Bay, Barnes Sound, Florida. *U.S. Geological Survey Open File Report 97-385*: 38-39.
- Brewster-Wingard, G.L., **Ishman, S.E.**, Holmes, C.W., Willard, D.A., and Edwards, L.E. (1997) Environmental change in the Florida Bay ecosystem: patterns over the last 150 years. *U.S. Geological Survey Open File Report 97-385*: 8-9.
- Brewster-Wingard, G.L., **Ishman, S.E.**, Holmes, C.W., Willard, D.A., and Edwards, L.E. (1997) Environmental change in the Florida Bay ecosystem: Patterns over the last 150 years. *U.S. Geological Survey Open File Report 97-385*:8-9.
- Brewster-Wingard, G.L., **Ishman, S.E.**, Edwards, L.E., and Willard, D.A., 1996. Preliminary report on the distribution of modern fauna and flora at selected sites in North-central and North-eastern Florida Bay. *U.S. Geological Survey Open-File Report 96-732*: 34.
- Ishman, S.E.**, Wingard, G.L., Willard, D.A., Cronin, T.M., Edwards, L.E. and Holmes, C.W. (1996) Preliminary paleontologic report on Core T-24, Little Madeira Bay, Florida. *U.S. Geological Survey Open File Report 96-543*: 46.
- Ishman, S.E.** and Martinez, R. 1995 Distribution of modern benthic foraminifers from the fjord region of southern Chile (42°S to 55°S). *Antarctic Journal of the United States*, 25: 6-8.
- Leventer, A., Aavang, S., Stravers, J., **Ishman, S.**, and Krissek, L. (1995) Holocene sedimentation rates on the southern Chilean continental margin. *Antarctic Journal of the United States*, 25: 13-16.
- Wingard, L.G., **Ishman, S.E.**, Cronin, T.M., Edwards, L.E., Willard, D.A., and Halley, R.B. (1995) Preliminary analysis of down-core assemblages: Bob Allen Keys, Everglades National Park, Florida Bay. *U.S. Geological Survey Open File Report 95-628*: 35.
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- Domack, E. W. and **Ishman, S. E.** (1993) Magnetic susceptibility of Antarctic glacial marine sediments. *Antarctic Journal of the United States*, 27(5): 64-65.
- Dowsett, H., **Ishman, S.**, Verardo, S. and Polanco, E. (1993) Pliocene planktic and benthic foraminifer census data from Ocean Drilling Program Hole 704A. *U.S. Geological Survey Open File Report 93-304*: 7.
- Foley, K. M. and **Ishman, S. E.** (1993) Modern benthic foraminifer census data from box-cores collected on Northwind Ridge, Arctic Ocean during the PI-92-AR cruise of the U.S.C.G.C. Polar Star. *U.S. Geological Survey Open File Report 93-515*: 9.
- Domack, E. W. and **Ishman, S. E.** (1992) Results of a multi-institutional research program in fjords along the Antarctic Peninsula: Cruise 90-7 of the R/V Polar Duke. *Antarctic Journal of the United States*, 26: 105-108.
- Ishman, S. E.** (1992) Pliocene benthic foraminifer census data from Deep Sea Drilling Project Hole 606. *United States Geological Survey Open File Report 92-254*: 9.
- Ishman, S. E.** (1992) Pliocene benthic foraminifer census data from Deep Sea Drilling Project Hole 610A. *United States Geological Survey Open File Report 92-417*: 9.

Published Abstracts:

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