

Daniel H. Sandweiss

CURRICULUM VITAE

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Education:

- 1989 Ph.D., Cornell University, Anthropology
Thesis title: *The Fishermen of Chinch, Peru: An Archaeological Investigation of Late Prehispanic Coastal Specialization*. Minors: Archaeology, Geomorphology
- 1983 M.A., Cornell University, Anthropology
- 1979 B.A., Yale University, Archaeology, Summa cum laude, Distinction in the Major

Current Positions and Affiliations-Academic:

Professor of Anthropology and Quaternary and Climate Studies, University of Maine, Orono (2005 - present)

Chief Cooperating Curator, Hudson Museum (2005 - present)

President-Elect, Phi Kappa Phi National Honor Society (2018 - 2020) (will assume presidency from August 2020 - August 2022)

Chair (2020-2023) and member (2018-2020), Society for American Archaeology's H. and T. King Grant for Pre-Columbian Archaeology Review Committee

Member, Society for American Archaeology's Committee on the Americas (2003 - 2009, 2017 - 2021; Chair 2005 - 2008; 2018-2020)

Chair (2020 - 2021) and Member (elected, 2018-2021), Nominating Committee for Section H (Anthropology), American Association for the Advancement of Science

Member, Advisory Committee, Robert S. Peabody Museum of Archaeology, Andover (2010 - present; Chair 2013 - 2020)

Vice-President, Institute for Andean Research Board (member since 2013 - VP from December 2018)

Research Associate, Kon Tiki Museum, Oslo, Norway (1991 - present)

Research Associate, Division of Anthropology, Carnegie Museum of Natural History (1989 - present)

Current Positions and Affiliations-Editorial:

Co-Chair of Editorial Advisory Board, *Journal of Archaeology and Education* (2017 -)

Editor (joint) for Archaeology and Patrimony, *Chungara* (2013 -)

Editorial Advisory Board, *Journal of Island and Coastal Archaeology* (2013 -)

Consejo Editorial Internacional, *Boletín de Aqueología PUCP* (2013 -)

Editorial Advisory Board, *Latin American Antiquity* (2008 -)

Moderator, Andean archaeology email information list (1998 -)

Founder and (joint) Editor, *Andean Past* (1986 -)

Former Positions and Affiliations:

Asst. Professor (1993 – 1999)/Assoc. Professor (1999 – 2005) of Anthropology and Quaternary and Climate Studies, University of Maine, Orono
Vice President for Chapter Development (elected), Phi Kappa Phi National Honor Society (2016 - 2018)
Northeast Regional Vice President and member, Board of Directors (elected), Phi Kappa Phi National Honor Society (2014 - 2016)
Member, Society for American Archaeology Board of Directors (elected) (2014 - 2017)
Member, Scientific Advisory Committee for the Congreso Nacional de Arqueología (Perú) (2013 - 2014)
Chair, Society for American Archaeology's International Government Affairs Committee (2013 - 2014)
Member, Board of the Maine Chapter of the Fulbright Association (2012 – 2019; Vice-President 2014 – 2018)
Member, Society for American Archaeology's Award for Excellence in Latin American and Caribbean Archaeology Selection Committee (2012 - 2014)
Member, Scientific Advisory Committee for the 4th Southern Deserts Conference (2012 - 2014)
Campus Representative for Faculty Fulbright Awards (University of Maine) (2012 - 2014)
Vice-President-President-Elect/President/Past President, University of Maine chapter of Phi Kappa Phi honor Society (2010 - 2015)
Special Advisor to the Board, Society for American Archaeology, to lead the Conferencia Intercontinental initiative (2010 - 2012)
Member, Society for American Archaeology's Publications Committee (2009 - 2012)
Chair, Society for American Archaeology's *Latin American Antiquity* Editor Search Task Force (2009)
Editorial Board Member, *Chungará* (2006 - 2013)
Dean and Associate Provost for Graduate Studies, University of Maine, Orono (2005 - 2014)
Society for American Archaeology Press Editorial Board member (2005 - 2008)
Comité Consultiva (Consulting Committee), *Revista Peruana de Biología* (2005)
Editorial Advisory Board Member, *Chungara* (2004 - 2006)
Society for American Archaeology's Committee on the Americas: Member (2003-2004, 2008-2009, 2017-2018), Chair-Designate (2004 - 2005), Chair (2005 - 2008)
Associate Director, Climate Change Institute, University of Maine (2002 - 2005)
Contributing Editor, *Review of Archaeology* (2002 - 2004)
Hudson Museum Advisory Board: Member (2002 - 2005), Vice President (2003 - 2004)
Interim Director, International Affairs Program, University of Maine (Spring Semester 2003)
Member, Annual Meeting Program Committee, Society for American Archaeology (2002 - 2003)
Member, Advisory Committee of the Society for American Archaeology's Committee on the Americas (2000 - 2003, 2009 - 2017)
Fellow, Dumbarton Oaks Research Library and Collection, Washington DC (2000 - 2001)
Assistant Editor for Andean South America, Current Research on SAAWeb (1998 - 1999)

Scientific Committee, FERCO (Foundation for Exploration and Research on Cultural Origins): Member (1996 - 1998), President (1998 - 2002)
 Rea Postdoctoral Fellow, Division of Anthropology, Carnegie Museum of Natural History (1992)
 Associate, Center for Latin American Studies, University of Pittsburgh (1992)
 Co-Director, Túcume Archaeological Project, Peru (full-time 1989 - 1991, part-time 1992 - 1995)
 Visiting Fellow, Archaeology Program, Cornell University (1991)
 Visiting Fellow, Latin American Studies Program, Cornell University (1989 - 1990)

Honors:

2019 Society for American Archaeology Presidential Recognition Award
 2018-2020 Rising Tide Professorship to enhance diversity, University of Maine
 2018 Geddes Simpson Lecturer, University of Maine
 2017 University of Maine Presidential Award for Research and Creative Achievement
 2017 Elected Fellow of the Geological Society of America
 2016 Rip Rapp Archaeological Geology Award, Geological Society of America
 2015 University of Maine College of Liberal Arts and Sciences Outstanding Faculty Member in Research and Creative Achievement
 2014 Elected Fellow of the American Association for the Advancement of Science (AAAS).
 2014 First recipient of the annual Dan Sandweiss Graduate Student Advocacy Award from the University of Maine Graduate Student Government
 2012 Society for American Archaeology Galardón de Reconocimiento Presidencial/Presidential Recognition Award
 2009 First Distinguished Lecturer for the Proyecto Intersapiens, Pontificia Universidad Católica del Perú
 2008 Society for American Archaeology Presidential Recognition Award
 2006 Elected to Phi Kappa Phi Honor Society (Chapter 1, University of Maine)
 2005-2007 Distinguished Lecturer, Sigma Xi College of Distinguished Lecturers
 2004-2009 Roster of Fulbright Senior Specialists
 1991 Medalla de la Cultura, National Institute of Culture, Chiclayo, Peru
 1979 John Spangler Nicholas Cup, Trumbull College, Yale University
 1977 First Election, Phi Beta Kappa

Publications

Books and monographs:

- Heyerdahl, T., D.H. Sandweiss, A. Narváez, and L. Millones
1996 *Túcume*. Lima, Peru: Banco de Crédito. [Expanded version in Spanish of Heyerdahl et al. 1995]
Heyerdahl, T., D.H. Sandweiss, and A. Narváez
1995 *The Pyramids of Túcume*. London and New York: Thames & Hudson.
Sandweiss, D.H.
1992 *The Archaeology of Chincha Fishermen: Specialization and Status in Inka Peru*. *Carnegie Museum of Natural History Bulletin* 29. ix + 162 pp.

Edited volumes and section:

- Rick, T.C. and D.H. Sandweiss, editors
2020 Special Feature on Archaeology, Climate, and Global Change in the Age of Humans, for *Proceedings of the National Academy of Sciences* Vol. 117, no. 15, pp. 8250-8302 (includes Rick and Sandweiss 2020 [Introduction] and 6 articles including Sandweiss et al. 2020 and St. Amand et al. 2020, see below).
Prieto, G. and D.H. Sandweiss, editors
2020 *Maritime Communities of the Ancient Andes*. Gainesville: University Press of Florida. xvii + 434 pp.
Barnes, M. and D.H. Sandweiss, editors
2016 *Andean Past* 12. Orono, ME: University of Maine Digital Commons/Department of Anthropology
2013 *Andean Past* 11. Ithaca, NY: Cornell Latin American Studies Program.
2012 *Andean Past* 10. Ithaca, NY: Cornell Latin American Studies Program.
2009 *Andean Past* 9. Ithaca, NY: Cornell Latin American Studies Program.
Sandweiss, D.H. and J. Quilter
2008 *El Niño, Catastrophism, and Culture Change in Ancient America*. Washington, DC: Dumbarton Oaks Research Library & Collection/Harvard University Press. viii + 290 pp.
Anderson, D.G., K.A. Maasch, and D.H. Sandweiss, editors
2007 *Climatic Change and Cultural Dynamics: A Global Perspective on Holocene Transitions*. San Diego: Academic Press/Elsevier. xxv + 575 pp.
Barnes, M. and D.H. Sandweiss, editors
2007 *Andean Past* 8. Ithaca, NY: Cornell Latin American Studies Program.
Sandweiss, D.H. and M. Barnes, editors
2005 *Andean Past* 7. Ithaca, NY: Cornell Latin American Studies Program.
Barnes, M. and D.H. Sandweiss, editors
2001 *Andean Past* 6. Ithaca, NY: Cornell Latin American Studies Program.
1998 *Andean Past* 5. Ithaca, NY: Cornell Latin American Studies Program.
1994 *Andean Past* 4. Ithaca, NY: Cornell Latin American Studies Program.

Sandweiss, D.H., editor

1992 *Andean Past* 3. Ithaca, NY: Cornell Latin American Studies Program.

1989 *Andean Past* 2. Ithaca, NY: Cornell Latin American Studies Program.

1987 *Andean Past* 1. Ithaca, NY: Cornell Latin American Studies Program.

Sandweiss, D.H. and D.P. Kvietok, editors

1986 *Perspectives on Andean Prehistory and Protohistory*. Papers from the Third Annual Northeast Conference on Andean Archaeology and Ethnohistory. Ithaca, NY: Cornell Latin American Studies Program. 162 pp.

Kvietok, D.P. and D.H. Sandweiss, editors

1985 *Recent Studies in Andean Prehistory and Protohistory*. Papers from the Second Annual Northeast Conference on Andean Archaeology and Ethnohistory. Ithaca, NY: Cornell Latin American Studies Program. 204 pp.

Sandweiss, D.H., editor

1983 *Investigations of the Andean Past*. Papers from the First Annual Northeast Conference on Andean Archaeology and Ethnohistory. Ithaca, NY: Cornell Latin American Studies Program. 296 pp. (Second Printing, 1985).

Journal articles and book chapters:

Sandweiss, D.H. and K.A. Maasch

In press El Niño as Catastrophe on the Peruvian Coast. In *Going Forward by Looking Back*, ed. by F. Riede and P. Sheets. Berghahn Books, Oxford & New York.

Roscoe, P.B., D.H. Sandweiss, and E. Robinson

In press Population Density and Size Facilitate Interactive Capacity and the Rise of the State. *Philosophical Transactions of the Royal Society B*.

St. Amand, F., D.H. Sandweiss, and A.R. Kelley

2020 Climate-driven Migration: Prioritizing Cultural Resources Threatened by Secondary Impacts of Climate Change. *Natural Hazards*. doi:10.1007/s11069-020-04053-1

Rick, T.C. and D.H. Sandweiss

2020 Archaeology, Climate, and Global Change in the Age of Humans. *Proceedings of the National Academy of Sciences* 117(15):8250-8253.

Sandweiss, D.H., C.F.T. Andrus, A.R. Kelley, K.A. Maasch, E.J. Reitz, and P.B. Roscoe

2020 Archaeological Climate Proxies and the Complexities of Reconstructing Holocene El Niño in Coastal Peru. *Proceedings of the National Academy of Sciences* 117(15): 8271–8279.

St. Amand, F., S.T. Childs, E.J. Reitz, S. Heller, B. Newsom, T.C. Rick, D.H. Sandweiss, and R. Wheeler

2020 Leveraging legacy archaeological collections as proxies for climatic and environmental research. *Proceedings of the National Academy of Sciences* 117(15): 8287–8294.

Prieto, G. and D.H. Sandweiss

2020 A Historical Perspective on the Studies of Andean Maritime Communities. In *Maritime Communities of the Ancient Andes*, ed. by G. Prieto and D.H. Sandweiss, pp. 1-35. University of Florida Press, Gainesville.

- Jones, K.B., G.W. Hodgins, and D.H. Sandweiss
 2019 Radiocarbon Chronometry of Site QJ-280, Quebrada Jaguay, a Terminal Pleistocene to Early Holocene Fishing Site in Southern Peru. *Journal of Island and Coastal Archaeology* 14(1):82-100. Published online ahead of print in 2017.
- Reitz, E.J., D.H. Sandweiss, and N.R. Cannarozzi
 2019 Fishing on the Frontier: Vertebrate Remains from Amotape, Siches, and Honda Phase Occupations at Sitio Siches (Pv 7-19), Perú. *Bulletin of the Florida Museum of Natural History* 56(4):109-181.
- Aggrawal, P., D. Waggle, and D.H. Sandweiss
 2017 Suicides as a response to adverse market sentiment (1980-2016). *PLoS ONE* 12(11): e0186913. <https://doi.org/10.1371/journal.pone.0186913>
- Sandweiss, D.H.
 2017 Zooarchaeology in the 21st Century: Comments on the Contributions. In *Climate Change and Past Human Responses: An Archaeozoological Perspective*, ed. by Gregory G. Monks, pp. 219-225. Vertebrate Paleobiology and Paleoanthropology Series. New York: Springer.
- 2017 Maritime aspects of early Andean civilizations. In *The Sea in History - The Ancient World*, ed. by Philip de Souza and Pascal Arnaud, pp. 41-54. Boydell Press, Suffolk UK.
- Reitz, E.J., H. McInnis, D.H. Sandweiss, and S.D. deFrance
 2017 Variations in Human Adaptations during the Terminal Pleistocene and Early Holocene at Quebrada Jaguay (QJ-280) and the Ring Site, Southern Perú. *Journal of Island and Coastal Archaeology* 12:224-254.
- Sandweiss, D.H.
 2016 Climate, Catastrophe and Culture in the Ancient Americas: the case of the Pacific Coast. In UNESCO HEADS 5: Human Origin Sites and the World Heritage Convention in the Americas, ed. by N. Sanz. *World Heritage Papers* 42:178-193. Sandweiss, D.H. and D.A. Reid
- 2016 Negotiated Subjugation: Maritime Trade and the Incorporation of Chincha into the Inca Empire. In *Journal of Island and Coastal Archaeology* 11:311-325.
- Reitz, E.J., H. McInnis, D.H. Sandweiss, and S.D. deFrance
 2016 Terminal Pleistocene and early Holocene fishing strategies at Quebrada Jaguay and the Ring Site, southern Perú. *Journal of Archaeological Science Reports* 8:447-453.
- Rademaker, K., G. Hodgins, K. Moore, S. Zarrillo, C. Miller, G.R.M. Bromley, P. Leach, D. Reid, W. Yépez Álvarez, and D.H. Sandweiss
 2016 Cuncaicha Rockshelter, a Key Site for Understanding Colonization of the High Andes. Reply to Capriles et al. *Current Anthropology* 57:101-103.
- Sandweiss, D.H., C.F.T. Andrus, F. Chai, A.R. Kelley, K.A. Maasch, and E.J. Reitz
 2016 Re: ENSO Variability and Archaeological Proxies (Comment on Rustic et al. 2015, Dynamical excitation of the tropical Pacific Ocean and ENSO variability by Little Ice Age cooling, *Science* 350:1537-1541). *Science e-Letters*
 <<http://science.sciencemag.org/content/350/6267/1537.e-letters>>

Sandweiss, D.H.

2015 Comentario 2: Con lo mínimo: los debates sobre el poblamiento de América del Sur (de Luis Borrero). *Intersecciones en Antropología* 16:19-21.

Reitz, E.J., S.D. deFrance, D.H. Sandweiss, and H. McInnis

2015 Flexibility in Southern Peru Coastal Economies: A Vertebrate Perspective on the Terminal Pleistocene/Holocene Transition. *Journal of Island and Coastal Archaeology* 10:155-183. DOI: 10.1080/15564894.2014.934492

Rademaker, K., G. Hodgins, K. Moore, S. Zarrillo, C. Miller, G.R.M. Bromley, P. Leach, D.A. Reid, W. Yépez Álvarez, and D.H. Sandweiss

2014 Paleoindian Settlement of the High-Altitude Peruvian Andes. *Science* 346:466-469.

Belknap, D.F. and D.H. Sandweiss

2014 The Effect of the Spanish Conquest on Coastal Change in Northwest Peru. *Proceedings of the National Academy of Sciences* 111:7986-7989.

Sandweiss, D.H.

2014 Early Coastal South America. In *The Cambridge World Prehistory*, ed. by C. Renfrew and P. Bahn, pp. 1058-1074. Cambridge: University of Cambridge Press.

2014 CARAL Early Monumental Centre in Peru. In *Cities That Shaped the Ancient World*, ed. by J.J. Norwich, pp. 198-203. London and New York: Thames & Hudson.

Rademaker, K., G.R.M. Bromley, and D.H. Sandweiss

2013 Peru Archaeological Radiocarbon Database, 13,000-7000 ¹⁴C B.P. *Quaternary International* 301:34-45.

Etayo-Cadavid, M.F., C.F.T. Andrus, K.B. Jones, G.W.L. Hodgins, D.H. Sandweiss, S. Uceda C., and J. Quilter

2013 Marine Radiocarbon Reservoir Age Variation in *Donax Obesulus* Shells from Northern Peru: Late Holocene Evidence for Extended El Niño. *Geology* 41:599-602.

Perez-Huerta, A., M.F. Etayo-Cadavid, C.F.T. Andrus, T.E. Jeffries, C. Watkins, S.C. Street, and D.H. Sandweiss

2013 El Niño Impact on Mollusk Biomineralization—Implications for Trace Element Proxy Reconstructions and the Paleo-Archeological Record. *PLoS ONE* 8(2):e54274. doi:10.1371/journal.pone.0054274

Sandweiss, D.H. and K.M. Rademaker

2013 El poblamiento del sur peruano: costa y sierra. *Boletín de Arqueología PUCP* 15:275-293.

Hunter, S.J., K.J. Libby, and D.H. Sandweiss

2013 The Global Financial Crisis: Impact on Higher Education. *Emirates Lecture Series* 104. Abu Dhabi, United Arab Emirates: The Emirates Center for Strategic Studies and Research.

Anderson, D.G., K.A. Maasch, and D.H. Sandweiss

2013 Climate Change and Cultural Dynamics: Lessons from the Past for the Future. In *Humans and the Environment: New Archaeological Perspectives for the Twenty-First Century*, ed. by M.I.J. Davies and F.N. M'mbogori, pp. 243-256. Oxford: Oxford University Press.

- Sandweiss, D.H. and A.R. Kelley
 2012 Archaeological Contributions to Climate Change Research: The Archaeological Record as a Paleoclimatic and Paleoenvironmental Archive. In *Annual Review of Anthropology* 41:371–391.
- Sandweiss, D.H. and J. Quilter
 2012 Collation, Correlation, and Causation in the Prehistory of Coastal Peru. In *Surviving Sudden Environmental Change: Answers from Archaeology*, ed. by P. Sheets and J. Cooper, pp. 117-141. Boulder: University of Colorado Press.
- Sandweiss, D.H., A.R. Kelley, D.F. Belknap, J.T. Kelley, K. Rademaker, and D.A. Reid
 2010 GPR Identification of an Early Monument at Los Morteros on the Peruvian Coastal Desert. *Quaternary Research* 73:439–448.
- Jones, K.B., G.W.L. Hodgins, M.F. Etayo-Cadavid, C.F.T. Andrus, and D.H. Sandweiss
 2010 Centuries of marine radiocarbon reservoir age variation within archaeological *Mesodesma donacium* shells from southern Peru. *Radiocarbon* 52:1207-1214.
- Sandweiss, D.H., R. Shady S., M.E. Moseley, D.K. Keefer, and C.R. Ortloff
 2009 Environmental change and economic development in coastal Peru between 5,800 and 3,600 years ago. *Proceedings of the National Academy of Sciences* 106:1359–1363.
- Sandweiss, D.H.
 2009 Early Fishing and Inland Monuments: Challenging the Maritime Foundations of Andean Civilization? In *Andean Civilization: Papers in Honor of Michael E. Moseley*, ed. by J. Marcus, C. Stanish, and R. Williams, pp. 39-54. Los Angeles: Cotsen Institute of Archaeology.
- Sandweiss, D.H. and J. Quilter
 2008 Climate, Catastrophe, and Culture in the Ancient Americas. In *El Niño, Catastrophism, and Culture Change in Ancient America*, ed. by D.H. Sandweiss and J. Quilter, pp. 1-11. Washington DC: Dumbarton Oaks.
- Richardson, J.B. III and D.H. Sandweiss
 2008 Climate Change, El Niño and the Rise of Complex Society on the Peruvian Coast during the Middle Holocene. In *El Niño, Catastrophism, and Culture Change in Ancient America*, ed. by D.H. Sandweiss and J. Quilter, pp. 59-75. Washington DC: Dumbarton Oaks.
- Sandweiss, D.H.
 2008 Early Fishing Societies in Western South America. In *Handbook of South American Archaeology*, ed. by Helaine Silverman and William H. Isbell, pp. 145-156. New York: Springer.
- Sandweiss, D.H. and J.B. Richardson III
 2008 Early Andean Environments. In *Handbook of South American Archaeology*, ed. by Helaine Silverman and William H. Isbell, pp. 93-104. New York: Springer.
- Andrus, C.F.T., D.H. Sandweiss, and E.J. Reitz
 2008 Climate Change and Archaeology: The Holocene History of El Niño on the Coast of Peru. In *Case Studies in Environmental Archaeology 2nd Edition*, ed. by E.J. Reitz, L. Newsom, and S. Scudder, pp. 143-157. New York: Plenum Publishing.

- Reitz, E.J., C.F.T. Andrus, and D.H. Sandweiss
 2008 Ancient Fisheries and Marine Ecology of Coastal Perú. In *Human Impacts on Marine Environments*, ed. by T. Rick and J. Erlandson, pp. 125-145. Berkeley: University of California Press.
- Sandweiss, D.H.
 2007 Small is Big: The Microfossil Perspective on Human-Plant Interaction. *Proceedings of the National Academy of Sciences* 104:3021-3022.
- Perry, L., R. Dickau, S. Zarrillo, I. Holst, D.M. Pearsall, D.R. Piperno, M.J. Berman, R.G. Cooke, K. Rademaker, A.J. Ranere, J.S. Raymond, D.H. Sandweiss, F. Scaramelli, K. Tarble, and J.A. Zeidler.
 2007 Starch fossils and the domestication and dispersal of chili peppers (*Capsicum* spp. L.) in the Americas. *Science* 315:986-988.
- Anderson, D.G., K.A. Maasch, D.H. Sandweiss, and P.A. Mayewski
 2007 Global Climate Change in the Mid-Holocene. In *Climatic Change and Cultural Dynamics: A Global Perspective on Mid-Holocene Transitions*, ed. by D.G. Anderson, K.A. Maasch, and D.H. Sandweiss, pp. 1-23. San Diego: Academic Press.
- Sandweiss, D.H., K.A. Maasch, C.F.T. Andrus, E.J. Reitz, M. Riedinger-Whitmore, J.B. Richardson III, and H.B. Rollins
 2007 Mid-Holocene Climate and Culture Change in Coastal Peru. In *Climatic Change and Cultural Dynamics: A Global Perspective on Mid-Holocene Transitions*, ed. by D.G. Anderson, K.A. Maasch, and D.H. Sandweiss, pp. 25-50. San Diego: Academic Press.
- Perry, L., D.H. Sandweiss, D. Piperno, K. Rademaker, M.A. Malpass, A. Umore, and P. de la Vera
 2006 Early Maize Agriculture and Interzonal Interaction in Southern Peru. *Nature* 440:76-79.
- Erickson, D.L., B.D. Smith, A.C. Clark, D.H. Sandweiss, and N. Tuross
 2005 An Asian Origin for a 10,000-year-old Domesticated Plant in the Americas. *Proceedings of the National Academy of Sciences* 102:18,315-18,320.
- Andrus, C.F.T., G.W.L. Hodgins, D.H. Sandweiss, and D.E. Crowe
 2005 Molluscan Radiocarbon as a Proxy for El Niño-related Upwelling Variations in Peru. In "Isotopic and Elemental Tracers of Cenozoic Climate Change", ed. by Germán Mora and Donna Surge. *Geological Society of America Special Paper* 395:13-20.
- Sandweiss, D.H., K.A. Maasch, F. Chai, C.F.T. Andrus, and E.J. Reitz
 2004 Geoarchaeological Evidence for Multi-decadal Natural Climatic Variability and Ancient Peruvian Fisheries. *Quaternary Research* 61:330-334.
- Shafer Rogers, S., D.H. Sandweiss, K.A. Maasch, D.F. Belknap, and P. Agouris
 2004 Coastal Change and Beach Ridges along the Northwest Coast of Peru: Image and GIS Analysis of the Chira, Piura, and Colán Beach-Ridge Plains. *Journal of Coastal Research* 20:1102-1125.
- Sandweiss, D.H.
 2003 Terminal Pleistocene through Mid-Holocene Archaeological Sites as Paleoclimatic Archives for the Peruvian coast. *Palaeogeography, Palaeoclimatology, Palaeoecology* 194:23-40.

- Andrus, C.F.T., Crowe, D.E., Sandweiss, D.H., Reitz, E.J., Romanek, C.S., and Maasch, K.A.
2003 Response to Comment on "Otolith $\delta^{18}\text{O}$ Record of Mid-Holocene Sea Surface Temperatures in Peru". *Science* 209:203b.
- Andrus, C.F.T., Crowe, D.E., Sandweiss, D.H., Reitz, E.J., and Romanek, C.S.
2002 Otolith $\delta^{18}\text{O}$ Record of Mid-Holocene Sea Surface Temperatures in Peru. *Science* 295:1508-1511.
- Sandweiss, D.H., M.E. Moseley; J. Haas, W. Creamer
2001 Amplifying Importance of New Research in Peru. *Science* 294:1651-1653.
- Reitz, E.J. and D.H. Sandweiss
2001 Environmental Change at Ostra Base Camp, A Peruvian Preceramic Site. *Journal of Archaeological Science* 28:1085-1100.
- Sandweiss, D.H., K.A. Maasch, R.L. Burger, J.B. Richardson III, H.B. Rollins, A. Clement
2001 Variation in Holocene El Niño frequencies: Climate records and cultural consequences in ancient Peru. *Geology* 29:603-606.
- Sandweiss, D.H., K.A. Maasch, and D.G. Anderson
1999 Climate and Culture: Transitions in the Mid-Holocene. *Science* 283:499-500.
- Copson, W. and D.H. Sandweiss
1999 Native and Spanish Perspectives on the 1578 El Niño. In *The Entangled Past: Integrating History and Archaeology*. Proceedings of the 1997 Chacmool Conference, edited by M. Boyd, J.C. Erwin, and M. Hendrickson, pp. 208-220. Calgary: University of Calgary.
- Sandweiss, D.H. and J.B. Richardson III
1999 Las fundaciones precerámicas de la etapa Formativa en la costa peruana. In *El Formativo Sudamericano*, ed. by P. Ledergerber, pp. 179-188. Quito: Editorial Abya-Yala.
- Sandweiss, D.H., H. McInnis, R.L. Burger, A. Cano, B. Ojeda, R. Paredes, M. Sandweiss, and M. Glascock
1998 Quebrada Jaguay: Early Maritime Adaptations in South America. *Science* 281:1830-1832.
- Sandweiss, D.H., K.A. Maasch, D.F. Belknap, J.B. Richardson III, and H.B. Rollins
1998 Discussion of 'The Santa Beach Ridge Complex,' by Lisa E. Wells, in *Journal of Coastal Research* 12(1):1-17 (1996). *Journal of Coastal Research* 14(1):367-373.
- Sandweiss, D.H., J.B. Richardson III, E.J. Reitz, H.B. Rollins, and K.A. Maasch
1997 Determining the Beginning of El Niño: Response [to comments]. *Science* 276:966-967.
- Sandweiss, D.H. and E.S. Wing
1997 Ritual Rodents: The Guinea Pigs of Chincha, Peru. *Journal of Field Archaeology* 24:47-58.
- Sandweiss, D.H., J.B. Richardson III, E.J. Reitz, H.B. Rollins, and K.A. Maasch
1996 Geoarchaeological Evidence from Peru for a 5000 Years B.P. Onset of El Niño. *Science* 273:1531-1533.
- Sandweiss, D.H.
1996 Mid-Holocene Cultural Interaction on the North Coast of Peru and Ecuador. *Latin American Antiquity* 7:41-50.

- Sandweiss, D.H.
 1996 Environmental Change and its Consequences for Human Society on the Central Andean Coast: A Malacological Perspective. In *Case Studies in Environmental Archaeology*, ed. by E.J. Reitz, L. Newsom, and S. Scudder, pp. 127-146. New York: Plenum Publishing.
- Sandweiss, D.H.
 1996 The Development of Fishing Specialization on the Central Andean Coast. In *Prehistoric Hunter-Gatherer Fishing Strategies*, ed. by Mark Plew, pp. 41-63. Boise: Boise State University.
- Sandweiss, D.H. and M.C. Rodríguez
 1993 Restos malacológicos de la Galería de las Ofrendas, Chavín de Huántar. In *Chavín de Huántar*, ed. by Luis G. Lumbreras, pp. 406-413. AVA-Materialien 51. Bonn: Kommission für Allgemeine und Vergleichende Archäologie des Deutschen Archäologischen Instituts.
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 1993 Ethnobotany of the Lower Chamelecón Mestizos, Northwest Honduras. *Annals of Carnegie Museum*. 62:131-150.
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 1992 Cronología de Lo Demás, valle de Chíncha e implicancias para la prehistoria tardía de Chíncha. *Boletín de Lima* 79:33-42.
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 1990 Mollusks and Coastal Archaeology: A Review. In *Decade of North American Geology, Centennial Special Volume 4, "Archaeological Geology of North America,"* ed. by N.P. Lasca and J.D. Donahue, pp. 467-478. Boulder, CO: Geological Society of America.
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 1988 The Fishermen of Chíncha: Occupational Specialization on the Late Prehispanic Andean Coast. In "Economic Prehistory of the Central Andes," ed. by E.S. Wing and J.C. Wheeler. *BAR International Series* 427:99-118.

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 1987 Growth Increment and Stable Isotope Analysis of Marine Bivalves: Implications for the Geoarchaeological Record of El Niño. *Geoarchaeology* 2(3):181-187.
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 1986 The Beach Ridges at Santa, Peru: El Niño, Uplift, and Prehistory. *Geoarchaeology* 1:17-28.
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- Sandweiss, D.H., H.B. Rollins, and J.B. Richardson III
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- In press El Desierto de Atacama del sur peruano. In *Puerto de Ideas 2017*, Atofagasta, Chile.
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- Sandweiss, D.H.
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 2015 Oscillations: What effect does the weather have on the development of human culture? *Phi Kappa Phi Forum* Winter 2015:8-13.
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 2009 The M.A. in Applied Archaeology and Current Trends in Graduate Education. *The SAA Archaeological Record* 9(1):27-28, 42.
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 2007 Archaeopolitics: Steady Progress in Building Protections for International Antiquities. *The SAA Archaeological Record* 7(4):8.

- Sandweiss, D.H. and K. Rademaker
 2006 First Civilization in the Americas. *2007 Science Year/The World Book Annual Science Supplement*:12-25.
- Sandweiss, D.H.
 2006 Comment on Crucible of Andean Civilization The Peruvian Coast from 3000 to 1800 BC, by Jonathan Haas and Winifred Creamer. *Current Anthropology* 47:760.
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 1999 Pescadores paleoíndios del Perú. In *Investigación y Ciencia*, October 1999, No. 277:55-61 [Spanish edition of *Scientific American*].
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 1999 El Niño and the Archaeological Record in Northern Peru. *Society for American Archaeology Bulletin* 17(1):1, 9-11.
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 1999 First Americans and the Sea. *Discovering Archaeology* 1(1):59-65.
- Sandweiss, D.H. and D.R. Watters
 1997 Preface. In *The Art and Archaeology of Precolumbian Cuba*, by Ramón Dacal Moure and Manuel Rivero de la Calle, ed. by D.H. Sandweiss and D.R. Watters, pp. ix-xxi. Pittsburgh: University of Pittsburgh Press.
- Sandweiss, D.H. and D.R. Watters
 1993 Cuban Prehistory: A New Connection. *Carnegie Magazine* LXI(8):9.
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 1986 General Introduction. In *Perspectives on Andean Prehistory and Protohistory*, edited by D.H. Sandweiss and D.P. Kvietok, pp. 1-8. Ithaca, NY: Cornell Latin American Studies Program.
- Sandweiss, D.H.
 1986 Symposium on the Prehistory of El Niño. *Geoarchaeology* 1:309.
- Sandweiss, D.H. and D.P. Kvietok
 1985 General Introduction. In *Recent Studies in Andean Prehistory and Protohistory*, edited by D.P. Kvietok and D.H. Sandweiss, pp. 1-15. Ithaca, NY: Cornell Latin American Studies Program.
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- 1983 Preface. In *Investigations of the Andean Past*, edited by D.H. Sandweiss, pp. i-viii. Ithaca, NY: Cornell Latin American Studies Program.

Encyclopedia entries:

- Agriculture and Domestication at Waynuna. D.H. Sandweiss and K. Rademaker in *Encyclopedia of Global Archaeology*, ed. by C. Smith, pp. 7714-7717, 2014. Springer.
- Andean Civilizations, Rise of: Effects of El Niño on Peruvian Civilization (updated from 1996 version). In *The Oxford Companion to Archaeology* (2 ed.), ed. by N. A. Silberman, A. A. Bauer, C. Holtorf, M. Díaz-Andreu, E. Waterton, 2012. New York: Oxford University Press.
- Andean Civilizations, Rise of: Maritime Foundations of Pre-Inca Civilization (updated from 1996 version). In *The Oxford Companion to Archaeology* (2 ed.), ed. by N. A. Silberman, A. A. Bauer, C. Holtorf, M. Díaz-Andreu, E. Waterton, 2012. New York: Oxford University Press.
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- Andean Civilizations, Rise of: Effects of El Niño on Peruvian Civilization. In *The Oxford Companion to Archaeology*, ed. by B. M. Fagan, p. 32, 1996. New York: Oxford University Press.
- Andean Civilizations, Rise of: Maritime Foundations of Pre-Inca Civilization. In *The Oxford Companion to Archaeology*, ed. by B. M. Fagan, 1996, pp. 32-33. New York: Oxford University Press.

Translations:

- 2013 Alberto Rex González (November 16, 1918 - March 28, 2012), by Luis Alberto Borrero, pp. 39-47 in *Andean Past* 11.
- 2005 New Studies on the Settlements and Geoglyphs in Palpa, Peru, by Johny Isla and Markus Reindel, pp. 57-92 in *Andean Past* 7. (With David Fleming)
- 1997 *The Art and Archaeology of Precolumbian Cuba*, by Ramón Dacal Moure and Manuel Rivero de la Calle. Pittsburgh: University of Pittsburgh Press. xxiv + 134 pp.
- 1992 Early Occupations and the Emergence of Fishermen on the Pacific Coast of South America, by Agustín Llagostera, pp. 87-109 in *Andean Past* 3.
- 1989 Chan Chan: Chronology and Stratigraphic Contents, by Alfredo Narváez V., pp. 131-174 in *Andean Past* 2.
- 1988 *The Prehispanic Cultures of Peru*, by Justo Cáceres Macedo. Lima, 118 pp.
- 1987 Hunters of the Dry Puna and the Salt Puna in Northern Chile, by Calogero M. Santoro and Lautaro Núñez, pp. 57-109 in *Andean Past* 1.

Published photographs and photographic exhibit (other than in Sandweiss publications)

- 2014 5 photographs in *A Prehistory of South America* by J.D. Moore, University Press of Colorado.
- 2014 4 photographs in *The Ancient Central Andes* by J. Quilter. Routledge.
- 2013 30 photographs and brief texts in single-artist exhibit: Incidents of Travel in Latin America: An Archaeologist's Images. Hudson Museum, University of Maine (January-August 2013); Hutchinson Center, Belfast ME (February-April 2014).
- 2012 1 photograph in "Ritual Commensality between Human and Non-Human Persons: Investigating Native Ontologies in the Late Pre-Columbian Andean World" by Tammy L. Bray, in *Between Feast and Daily Meals*, ed. by Susan Pollock, pp. 197-212. *eTopoi Journal for Ancient Studies* Special Volume 2.
- 2009 1 photograph in An Archaeological Perspective on the Andean Concept of Camaquen: Thinking Through Late Pre-Columbian Ofrendas and Huacas", *Cambridge Archaeological Journal* 19:357-366.
- 2008 1 photograph in the Bridge of Life Museum of Biodiversity (Panama).
- 2005 1 photograph in *Early Civilizations in the Americas: Almanac* (Thomson-Gale).
- 2002 1 photograph in *Discover Magazine*.
- 2002 1 photograph in *Americas Magazine*.
- 2002 6 photographs in *UMaine Today*.
- 2001 1 photograph in *On y Va* 7th edition (French as a Second Language Text published by Pearson Education/Canada).
- 2001 1 photograph with an online news article on the National Geographic website.
- 2000 2 photographs to accompany article by Ruth Gruhn in *Scientific American's Discovering Archaeology*.
- 2000 1 photograph to accompany an article in *bild der wissenschaft*.
- 1999 17 photographs and brief text on exhibit at the Pirámides de Güimar Ethnographic Park, Güimar, Tenerife, Canary Islands (Spain).
- 1998 1 photograph published in *Science* 281:1775 (Sept. 18). Several photographs used by different newspapers and magazines in Latin America.
- 1997 2 photographs published in *Earth Magazine*, February issue.
- 1996 1 photograph published in *Science News* 150 (Sept. 14).
- 1994 4 photographs published in *People of the Andes*, by J.B. Richardson. Washington, DC: Smithsonian Institution Press.

Presentations

Invited lectures and presentations:

Sandweiss, D.H.

- 2020 Using Climatic and Cultural History to Understand El Niño's Role in Ancient Peru. Middle Tennessee State University, April. Originally scheduled live as part of Honors Lecture Series on Climate Change; after COVID cancellation, delivered remotely.

- 2019 Climate, Catastrophe, Collapse? Using Climatic and Cultural History to Understand El Niño's Role in Ancient Peru. University of Grenoble, France (June).
- 2019 Climate, Catastrophe, Collapse? Using Climatic and Cultural History to Understand El Niño's Role in Ancient Peru. University of Georgia (January).
- 2018 El Niño as Catastrophe on the Peruvian Coast. Workshop on Catastrophes in Context – Archaeological Perspectives. Aarhus, Denmark (October).
- 2018 Climate, Catastrophe, Collapse? Using Climatic and Cultural History to Understand El Niño's Role in Ancient Peru. Annual Geddes Simpson Lecture, University of Maine (September).
- 2018 Crisis y oportunidad: Estudios multidisciplinarios del fenómeno "El Niño" en la prehistoria andina. Museo Arqueológico de La Serena, La Serena Chile (June) and Universidad Nacional de Tucumán, Tucumán Argentina (July).
- 2018 The Peopling of the Americas: A Geoarchaeological Perspective. Brown Bag presentation, Northern Illinois University (April).
- 2018 Climate, Culture, and El Niño in Ancient Peru. Graduate Colloquium, Northern Illinois University (April).
- 2018 *Choromytilus* y *Spondylus*: Ecología y rito en la costa peruana prehispánica. Symposium on: Agua, Tecnología y Ritual: función y cosmología hidráulica en el mundo prehispánico. Lima, Perú (March 21-23).
- 2018 Las rutas del mullu: *Spondylus*, balsas, incas y chinchanos. Invited lecture, Pontificia Universidad Católica del Perú. Lima, Peru (March 19).
- 2017 10,000 años del fenómeno El Niño: Clima y cultura en la costa del Pacífico; and Cambios climáticos y culturales en la costa peruana en los primeros milenios a.C. Workshop on "Trayectorias Históricas de larga duración en Sociedades Cazadoras Recolectoras," Taltal, Chile.
- 2017 El Niño and Collapse on the Peruvian Coast. Workshop on "Collapse! What Collapse? Societal adaptations to abrupt climate changes before global warming," Whitney Humanities Center, Yale University (October 20-22).
- 2017 El Niño y la arqueología de la costa peruana. Universidad Nacional Pedro Ruiz Gallo, Lambayeque Peru (August 9); Universidad Nacional Mayor de San Marcos, Lima Peru (August 16).
- 2017 The Prehistory of El Niño and the Archaeology of Ancient Peru. College of the Atlantic, Bar Harbor ME. April.
- 2017 Excavating at Túcume and Other Adventures with Thor Heyerdahl. Bangor Public Library, Bangor ME. April.
- 2017 ¿Que hace un arqueólogo? Presentation to 500 middle and high school students. IV Festival de Ciencia Puerto de Ideas. Antofagasta, Chile. April.
- 2017 La pesca temprana en el Atacama peruana, in "El Desierto de Atacama no siempre fue lo que es." IV Festival de Ciencia Puerto de Ideas. Antofagasta, Chile. April.
- 2017 El Niño en la Prehistoria Peruana, in "Enfrentándonos al cambio climático." IV Festival de Ciencia Puerto de Ideas. Antofagasta, Chile. April.
- 2017 Exploraciones con Thor Heyerdahl: Pirámides peruanas y una conexión cubana. Pontificia Universidad Católica de Puerto Rico, Ponce PR. March.

- 2016 El Niño in Ancient Peru. Presented in Calpe 2016 Conference - Past Worlds: Neanderthal and Modern Human Response to Climate and Environment Change. University of Gibraltar. September.
- 2016 El Niño: Cambio Climático y Desarrollo Cultural en el Perú Precolombino. Pontificia Universidad Católica de Puerto Rico, Ponce PR. August.
- 2016 Nature's Naughty Child: El Niño in Peruvian Prehistory. Presidential Plenary Session: Climate Change and Human Society, Past, Present, and Future. Archaeological Institute of America Annual Meeting. San Francisco, CA. January.
- 2015 Nature's Naughty Child: El Niño and Cultural Change in Ancient Peru. Presented at the Humboldt Lab Dahlem Workshop on "Thin Ice: Facing Environment and Climate Change in Ethnological Museums". Ethnological Museum. Berlin, Germany. October.
- 2015 El Período Lítico (Arcaico Temprano). Encuentro "Avances en la Investigación del Perú Prehispánico, Un Estado de la Cuestión", sponsored by the Peruvian Ministry of Culture. Pisac, Peru. April.
- 2015 Human Ecodynamics of Early Settlement on the Central Andean Coast. Yale University. New Haven, CT. February.
- 2014 Panelist/speaker, 1st Round Table: Maritime resources. The Influence of the Sea on History, A voyage to the heart of the Antiquity & the Middle-Ages. Océanides. 11-12. Paris, France. December.
- 2013 Discussion and concluding thoughts. "Past Crises in the Americas" Working Group. Brussels, Belgium. October.
- 2013 The Upside of Crisis on the Peruvian Coast: Is El Niño Always Naughty? "Past Crises in the Americas" Working Group. Brussels, Belgium. October.
- 2013 Climate, Catastrophe and Culture in the Ancient Americas: The case of the Pacific Coast. UNESCO-HEADS "First Peopling of the Americas and the World Heritage Convention". Puebla, México. September
- 2013 Long-term Human Ecodynamics in the Heartland of El Niño: Climate and Culture on the Coast of Peru. Ocean University of China, Qingdao, Chin. June.
- 2013 Long-term Human Ecodynamics in the Heartland of El Niño: Climate and Culture on the Coast of Peru. Keynote lecture, Open Workshop "Socio-Environmental Dynamics over the Last 12,000 Years: The Creation of Landscapes III". Christian-Albrechts-Universität zu Kiel, Germany. April.
- 2013 Early Occupation of Southern Peru: Chronology, Settlement Pattern, and Interregional Interaction in the Terminal Pleistocene. With Kurt Rademaker. Harvard University. May.
- 2013 The Archeology of El Niño: Climate and Culture in Ancient Peru. Wellesley College. March.
- 2012 The Archeology of El Niño: Climate and Culture in Ancient Peru. Colby College, Waterville ME (September 2012); Pre-Columbian Society of Washington DC. December.
- 2012 The Prehistory of El Niño: Implications on Climate Change. Kennesaw State University "Year of Peru" program. Kennesaw, GA. March.
- 2011 The Archaeology of El Niño: Climate and Culture in Ancient Peru. In BAP (Baikal Archaeology Project) sponsored lecture series: Bodies, Behaviour, and the Environment. University of Alberta, Edmonton, Canada. January.

- 2011 Explorations with Thor Heyerdahl: From the Pyramids of Peru to the Coast of Cuba. Bodies, Behaviour, and the Environment. In BAP (BaikalArchaeology Project) sponsored lecture series: Bodies, Behaviour, and the Environment. University of Alberta, Edmonton, Canada. January.
- 2010 El Niño in Peruvian Prehistory. Harvard University. September.
- 2010 El Niño in Peruvian Prehistory. Yale University. May.
- 2010 El Niño en la Prehistoria Peruana. Universidad Nacional de Trujillo, Trujillo, Peru. July.
- 2010 External Discussant. Lake Baikal Archaeological Project Workshop. University of Alberta, Edmonton, AL Canada. May.
- 2009 The Prehistory of El Niño in Ancient Peru. Collins Center for the Arts, University of Maine. November.
- 2009 Tras la historia de El Niño. Inaugural Distinguished Lecture, Proyecto Intersapiens. Pontificia Universidad Católica del Perú, Lima, Perú. April.
- 2007 La prehistoria de la pesca en el Perú antiguo: de Quebrada Jaguay a Lo Demás. Museo de Arqueología y Antropología de San Marcos (Universidad Nacional Mayor de San Marcos). Lima, Peru. August.
- 2006-07 Explorations with Thor Heyerdahl: Peruvian Pyramids and a Cuban Connection: Memorial University, St. Johns, Newfoundland, Canada (January 2006); Roche Pharmaceuticals, Newark, NJ (March 2006); University of Puerto Rico, Mayagüez, PR (March 2006); Mercer University (October 2006); Columbia University Center for Archaeology (February 2007); Eastern Illinois University (March 2007); Stanford University (April 2007).
- 2006 Ancient Fishermen: 13,000 Years of South American Maritime Adaptations: Memorial University, St. Johns, Newfoundland, Canada (January 2006); Eckerd College, St. Petersburg, FL (February 2006).
- 2005-07 Archaeology of El Niño in Ancient Peru. Sigma Xi distinguished lecture presented at the joint annual meeting of the University of New Mexico chapters of Sigma Xi and IEEE. Albuquerque, NM; Memorial University, St. Johns, Newfoundland, Canada (January 2006); U.S. Army Soldier Systems Center, Natick MA (June 2006); Mercer University (October 2006); University of Missouri (Columbia) (November 2006); Eastern Illinois University (March 2007); Stanford University (April 2007).
- 2004 Las Pirámides de Túcume. Universidad Nacional San Agustín, Arequipa, Peru. July.
- 2004 Is This a Civilization? (The Incas). Primary Source Civilizations: A Method for Studying Peoples. Reed Brook Middle School, Hampden, ME.
- 2003 Explorations with Thor: Tucume, Cuba, and FERCO. Symposium: Frontiers of History: Thor Heyerdahl, 20th-Century Explorer, Scandinavian-American Foundation. New York City.
- 2003 The Pyramids of Túcume. Abbe Museum, Bar Harbor.
- 2002 Thor Heyerdahl And The Pyramid Center In Tucume, Peru: Archaeological Explorations. Timexpo Museum, Waterbury, Connecticut.
- 2002 The Maritime Tradition of Ancient Peru: First Arrivals to the Inca Empire. Maine Archaeology Month series "Shipwrecks to Shellmounds: The Archaeology of Coastlines", Bowdoin College, Brunswick Maine.

- 2002 Pescadores prehistóricos peruanos: De los comienzos al imperio Inca. Colegio Andino, Centro Bartolomé de las Casas, Cuzco, Peru.
- 2002 Los fechados radiocarbónicos en la determinación de los primeros sitios de adaptación marítima en el Perú. (Radiocarbon Dates in the Determination of the First Maritime-adapted Sites in Peru). Seminario Internacional Sobre la Datación Radiocarbónica, Museo Nacional de Arqueología, Antropología, e Historia del Perú, Lima, Peru, June.
- 2002 Climate and Culture in Early Peruvian Coastal Prehistory. Annual Invited Speaker, Center for Archaeological Sciences, University of Georgia, Athens. April.
- 2002 How We Discovered Early Fishing in Ancient Peru. Kon-Tiki Museum, Oslo, Norway. March.
- 2002 Ancient Fishermen of Peru: Origins to the Inca Empire. Mini-Symposium "Pacific Papers in Honor of Thor Heyerdahl and the Kon-Tiki Museum." Kon-Tiki Museum, Oslo, Norway. March.
- 2001 The Ancient Pyramid Center of Tucume-Peru. Peruvian Embassy, Washington, D.C. May.
- 2001 Tucume: Pyramids of a Late Intermediate Period Maritime City on the North Coast of Peru. The Cooper-Herezfeld Society and the Department of Anthropology, Catholic University of America. April.
- 2001 Climate and Culture in Early Peruvian Coastal Prehistory. Pre-Columbian Society of Washington DC. April.
- 2001 Variation in Holocene El Niño Frequencies: Climate Records and Cultural Consequences in Ancient Peru. Department of Environmental Sciences, University of Virginia. February.
- 2000 Túcume: Pyramid Center of Ancient Peru. Pre-Columbian Society of Washington DC. October.
- 2000 Las Pirámides de Túcume: Arqueología del Valle de Lambayeque. Public lecture for the Postgraduate program in Andean Studies, Centro Bartolomé de las Casas, Cuzco, Peru. August.
- 2000 Túcume: Archaeology of a Late Prehistoric Pyramid Center in Peru. Keynote address at the Alaska Anthropological Association Annual Meeting, Anchorage. March.
- 2000 Early South American Maritime Adaptations." Alaska Quaternary Center, University of Alaska, Fairbanks and Alaska Anthropological Association Annual Meeting, Anchorage. March.
- 2000 The Prehistory of El Niño: A Peruvian Perspective. Alaska Quaternary Center, University of Alaska, Fairbanks. March.
- 1999 La Prehistoria del Fenómeno "El Niño". (Prehistory of the El Niño Phenomenon). Museo Nacional de Arqueología, Antropología, e Historia, Lima, Peru.
- 1999 Quebrada Jaguay y las Tempranas Adaptaciones Marítimas del Perú. (Quebrada Jaguay and Early Maritime Adaptations in Peru). Wednesday Archaeology Series, Universidad Nacional Mayor de San Marcos, Lima, Peru.
- 1999 Túcume: Centro de Pirámides del Antiguo Perú. (Tucume: Pyramid Center of Ancient Peru). Lecture presented at the Pirámides de Güimar Ethnographic Park, Güimar, Tenerife, Canary Islands (Spain), to accompany opening of Sandweiss photo exhibit on same topic.
- 1998 The Prehistory of El Niño. Maine Maritime Academy.

- 1996 Geoarchaeology in Peru. Symposium honoring the retirement of Prof. Arthur L. Bloom, Cornell University, Ithaca NY.
- 1996 The Prehistory of El Niño. Columbia University Seminar on Ecological Systems and Cultural Evolution and to the Yale University Global Change Seminar.
- 1994 El sitio Ostra y el clima del Holoceno Medio en la costa peruana. (The Ostra Site and Mid-Holocene Climate on the Peruvian Coast). National Museum of Archaeology, Anthropology, and History, Lima, Peru.
- 1993 Cambios en el nivel del mar y la prehistoria de la costa andina. (Sea level changes and the prehistory of the Andean Coast). University of Havana and Center for Anthropology of the Cuban Academy of Sciences, Havana, Cuba. June.

Conference and symposium papers:

Sandweiss, D.H.

- 2020 Discussant in "Symposium: Local Manifestations of Climate Change for Archaeological Research." Originally accepted for Society of American Archaeology Annual Meeting, April 2020, Austin TX and selected as a finalist by the Amerind Foundation; after COVID cancellation, run as a virtual symposium by Amerind Foundation.
- 2019 Discussant in "Symposium: Human Behavioral Ecology at the Coastal Margins: Global Perspectives on Coastal & Maritime Adaptations." Society for American Archaeology Annual Meeting, April 2019, Albuquerque NM.
- 2019 Discussant in "Symposium: From the Paracas Culture to the Inca Empire: Recent Archaeological Research in the Chincha Valley, Peru." Society for American Archaeology Annual Meeting, April 2019, Albuquerque NM.

Hamley, C., J. Gill, K. Krasinski and D.H. Sandweiss

- 2019 Fire and Foxes: Investigations into a Pre-historic Human Presence in the Falkland Islands. Poster Session: Current Research in Environmental Archaeology. Society for American Archaeology Annual Meeting, April 2019, Albuquerque NM.

Sandweiss, D.H.

- 2018 Discussant in "Symposium: Shell Middens: Formation, Function, Survey, and Endangered Cultural/ Paleoenvironmental Heritage." Society for American Archaeology Annual Meeting, April 2018, Washington DC.

Sandweiss, D.H.

- 2018 Discussant in "The Legacies of Archaeologists in the Andes." Society for American Archaeology Annual Meeting, April 2018, Washington DC.
- 2017 Discussant in "Forum: Advancements and Prospects in Geoarchaeology Today: The SAA GIG [Geoarchaeology Interest Group] At 20, Part 1." Society for American Archaeology Annual Meeting, March 2017, Vancouver BC.

Sandweiss, D.H.

2017 Early Fishing on the Atacama Desert Coast of Southern Peru, in "Symposium: Evolutionary Adaptations and Population History of the Atacama Desert." Society for American Archaeology Annual Meeting, March 2017, Vancouver BC.

2017 Discussant in "Symposium: AD 600 Cultural and Environmental Transformation In Ancient Peru." Society for American Archaeology Annual Meeting, March 2017, Vancouver BC.

St. Amand, A., D.H. Sandweiss and A.R. Kelley

2017 Aeolian Geoforming at a Preceramic Mound in Coastal Peru, in "General Session: Peruvian Archaeology II." Society for American Archaeology Annual Meeting, April 2017, Vancouver BC.

Andrus, C.F., A.R. Kelley and D.H. Sandweiss

2017 Productivity in a Human Context: Creating and Applying Proxies Relevant to Chicama Valley Archaeology, in "Symposium Landscapes of Change: Integrated Socio-Ecological Histories in the Chicama Valley, Peru." Society for American Archaeology Annual Meeting, April 2017, Vancouver BC.

Sandweiss, D.H. and C.F.T. Andrus

2016 The Reitz Stuff: A Faunal Perspective on El Niño from Coastal Peru. Fryxell Award Symposium: Papers in Honor of Elizabeth J. Reitz. Society for American Archaeology Annual Meeting, April 2016, Orlando, FL.

Reitz, E.J. and D.H. Sandweiss

2016 Discussants. President's Forum: Climate Change and Archaeology. Society for American Archaeology Annual Meeting, April 2016, Orlando, FL.

Sandweiss, D.H.

2015 Floods, Famines, and Fagan: Recent Research on El Niño in the Age of Andean States and Empires. Symposium on Engaging with the Public and the Past: The Archaeological Legacy of Brian Fagan. Society for American Archaeology Annual Meeting, April 2015, San Francisco, CA.

2014 La ocupación temprana de la Costa Central Andina. Primer Congreso Nacional de Arqueología Peruana. August 2014. Lima, Peru.

Rademaker, K., G. Hodgins, G. Bromley, and D. Sandweiss

2014 Asentamiento Tardiglacial de los Andes peruanos. Primer Congreso Nacional de Arqueología Peruana. August, 2014. Lima, Peru.

Sandweiss, D.H.

2014 El Asentamiento Temprano de la Costa Occidental de Sud América. Simposio 'Colonización Prehispánica en las Américas', Interamerican Studies Biennial Congress. August, 2014. Lima, Peru.

Sandweiss, D.H.

2014 Discussant. Simposio Internacional "Los Orígenes de la Civilización en el Perú: nuevas perspectivas antes nuevos descubrimientos". August 2014, Lima, Peru. International.

2014 Negotiated Subjugation: The Incorporation of Chincha into the Inca Empire. Symposium on Rise and Resistance: Complex Politics among Islands and Coasts. Society for American Archaeology Annual Meeting, April 2014, Austin TX.

- Rademaker, K., G. Hodgins, G. Bromley, and D. Sandweiss
 2014 Late-glacial Settlement of the High Peruvian Andes. In Symposium on Early Human Occupation during the Ice Age in the Americas: New Directions and Advances. Society for American Archaeology Annual Meeting, April 2014, Austin TX.
- Reitz, E.J., D.H. Sandweiss, and D.R. Piperno
 2014 Cultural Responses to Mid-Holocene Environmental Changes along the Pacific Coast of Peru. Symposium on World Ethnobiology: Papers in Honor of Deborah M. Pearsall. Society for American Archaeology Annual Meeting, April 2014, Austin TX.
- Sandweiss, D.H.
 2013 Discussant. Symposium on New Approaches to the Archaeological and Bioarchaeological Study of South American Hunter-Gatherer Societies. Society for American Archaeology Annual Meeting, April 2013, Honolulu HI.
- K. Rademaker and D.H. Sandweiss
 2012 Functional Variability in Early Lithic Technologies of Southern Peru. Society for American Archaeology Annual Meeting, April 2012, Memphis, TN.
- Sandweiss, D.H. and J. Quilter
 2012 Prehistoric Sustainability on the Peruvian Coast. Society for American Archaeology Annual Meeting, April 2012, Memphis, TN. International.
- Sandweiss, D.H.
 2012 Terminal Pleistocene to Mid-Holocene Settlement and Subsistence on the Peruvian Coast. Society for American Archaeology Annual Meeting, April 2012, Memphis, TN. International.
- Sandweiss, D.H.
 2009 El Niño, the Sediment Cycle, and Human Impacts in North Coastal Peru. NSF Conference on "Global Perspective on Long-Term Human Ecodynamics". Humboldt Research Institute, Steuben, ME (October 2009).
- 2009 Things That Go Bump in the Past: JBR and the Geoarchaeology of the Peruvian Coast. In Symposium "A Life in the Pitt, The Career and Influence of James B. Richardson, III as Seen from his Disciples." Society for American Archaeology Annual Meeting, April 2009, Atlanta, GA.
- 2009 Coastal Change and Cultural Change in Late Preceramic Peru. In Symposium "Geoarchaeology: Sites, Substrate, Sources, and Context." Northeastern Section, Geological Society of America, 44th Annual Meeting, Portland, ME, March 22, 2009.
- 2009 Jim Richardson: Paleodisaster Pioneer for Peru. In Symposium "Winds, Mountains, Oceans, Rivers: Ecologies and Their Social Impacts in the New World" in honor of James B. Richardson III. University of Pittsburgh, March 20, 2009.
- 2008 25 Años Después: El Sitio Anillo en su Contexto Histórico. Congreso Contisuyo, July 2008, Moquegua, Peru.
- 2008 Quebrada Jaguay: An Early Fishing Site in Southern Peru. In Symposium "Quebrada Jaguay: Maritime Adaptations and the Paleoindian to Archaic Occupation of Southern Peru." Society for American Archaeology Annual Meeting, March 2008, Vancouver, Canada.

- Reid, D., D.H. Sandweiss, B. Ojeda, and K. Rademaker
 2008 Settlement Patterns of the Quebrada Jaguay Region. In Symposium "Quebrada Jaguay: Maritime Adaptations and the Paleoindian to Archaic Occupation of Southern Peru." Society for American Archaeology Annual Meeting, March 2008, Vancouver, Canada.
- Sandweiss, D.H.
 2007 Discussion (in Spanish). Session on Manejo de Recursos/Resource Management In Conference on "Perspectivas Comparativas sobre la Arqueología de la Costa de Sudamérica" (Comparative Perspectives on the Archaeology of the South American Coast), Lima, Peru, August 2007.
 2007 Terminal Pleistocene Settlement of the West Coast of South America. In Symposium "Advances in the Pleistocene Prehistory of the New World Pacific Coast". Society for American Archaeology Annual Meeting, April 2007, Austin TX.
 2007 Discussion. In Forum "Ethical Issues in Archaeology: Peruvian Permitting and the Ethics Forum". Society for American Archaeology Annual Meeting, April 2007, Austin TX.
- Sandweiss, D.H. and J.B. Richardson III
 2006 Shell-bearing Sites of Ancient Peru. In symposium "New World Shellmounds and Shellmiddens: A Bicoastal Comparison". Society for American Archaeology Annual Meeting, April 2006, San Juan Puerto Rico.
- Sandweiss, D.H.
 2006 Discussion. In symposium "The Preceramic Record of The Central Andes: Assessing the Causes and Contexts of Cultural Diversity from a Pan-Andean Perspective". Society for American Archaeology Annual Meeting, April 2006, San Juan Puerto Rico.
- Sandweiss, D.H.
 2006 Discussion. In symposium "On Doing Archaeology in Peru: New Legislation and its Implications for Archaeological Practice". Society for American Archaeology Annual Meeting, April 2006, San Juan Puerto Rico.
 2005 Early Maritime Adaptations in Western South America. 70th Annual Meeting of the Society for American Archaeology, Salt Lake City. In Committee on the Americas sponsored symposium on The Peopling of South America: A Critical Review and Current Trends.
- Rademaker, K., D. Sandweiss, M. Malpass, A. Umire, and P. de la Vera Cruz
 2005 Poster: Alca Obsidian and Early Coast-Highland Interaction in Southern Peru. 70th Annual Meeting of the Society for American Archaeology, Salt Lake City. Presented by Rademaker.
- Reitz, E., F. Andrus, and D. Sandweiss
 2005 Ancient Fisheries and Marine Ecology of Coastal Peru. 70th Annual Meeting of the Society for American Archaeology, Salt Lake City. In symposium on Archaeology, Historical Ecology, and Human Impacts on Marine Environments. Presented by Reitz.
- Sandweiss, D., K. Maasch, F. Chai, F. Andrus, and E. Reitz
 2004 Geoarchaeological Evidence for Fish Regime Change linked to Multidecadal Pacific Climate Change. 69th Annual Meeting, Society for American Archaeology, Montreal.

Tuross, N., B.D. Smith and D.H. Sandweiss

2004 Antiquity, growth and transport of the bottle gourd (*Lagenaria siceraria*) in the Americas. 69th Annual Meeting, Society for American Archaeology, Montreal. Presented by Tuross.

Sandweiss, D.H., K.A. Maasch, F. Chai, C.F. Andrus, and E.J. Reitz

2003 Geoarchaeological Evidence for Multi-decadal Pacific Climate Change. American Geophysical Union Fall meeting, San Francisco. Presented by Maasch. (Abstract published in *Eos Trans. AGU*, 84(46), Fall Meet. Suppl., 2003).

Sandweiss, D.H.

2003 Extending the record of fish regime change using fish assemblages from Peruvian archaeological sites. The Known, Unknown & Unknowable (KUU) Conference 2003. The Known, Unknown & Unknowable (KUU) Conference 2003, Marine Biodiversity: Using the Past to Inform the Future. Center for Marine Biodiversity and Conservation, Scripps Institution of Oceanography, UC San Diego. Unable to attend due to illness, sent paper/powerpoint.

Sandweiss, D.H., J.B. Richardson III, F. Andrus, S. Houk, D. Piperno, E.J. Reitz, and B. Tanner

2003 Update on Siches, an Early to Middle Holocene Fishing Site in Far Northern Peru. 22nd Annual Conference on Andean Archaeology and Ethnohistory, Harvard University, Cambridge.

Houk, S.D., K.A. Maasch, and D.H. Sandweiss

2003 Marine bivalves as high-temporal-resolution paleoclimate proxies: a study in the northern Peruvian littoral. EGS-AGU-EUG Joint Assembly, Nice, France. Presented by S. Houk.

Sandweiss, D.H., S. deFrance, and A. Umlire

2003 Early Maritime Adaptations and the First Inhabitants of the South Coast of Peru. 68th Annual Meeting, Society for American Archaeology, Milwaukee.

Andrus, C.F.T., G. Hodgins, D.H. Sandweiss, and D.E. Crowe

2002 Molluscan Radiocarbon As A Proxy For El Niño-Related Upwelling Variation In Peru. Geological Society of America Annual Meeting. Presented by Andrus. Abstract published in *Geological Society of America Abstracts with Program*.

Sandweiss, D.H.

2002 Paleoclimate of the Peruvian Coast: Terminal Pleistocene to Middle Holocene. 21st Annual Northeast Conference on Andean Archaeology and Ethnohistory, Carnegie Museum of Natural History, Pittsburgh Pennsylvania.

Quilter, J. and D.H. Sandweiss

2002 Introduction. Dumbarton Oaks Precolumbian Symposium on "El Niño, Catastrophism, and Culture Change in Ancient America". Presented by Quilter.

Richardson III, J.B. and D.H. Sandweiss

2002 Climate Change, El Niño, and the Rise of Complex Society on the Peruvian Coast in the Mid-Holocene. Dumbarton Oaks Precolumbian Symposium on "El Niño, Catastrophism, and Culture Change in Ancient America". Presented by Richardson.

Sandweiss, D.H. and J. Quilter

- 2002 Final remarks. Dumbarton Oaks Precolumbian Symposium on "El Niño, Catastrophism, and Culture Change in Ancient America".

Sandweiss, D.H.

- 2002 Climate, Environment, Culture: Late Preceramic Transformations on the Peruvian Coast. 67th Annual Meeting, Society for American Archaeology, Denver.
- 2002 Panelist, Sponsored Forum on "Encouraging Partnerships in Cuban Archaeology" (Sponsored by Social Science Research Council and SAA Program Committee). 67th Annual Meeting, Society for American Archaeology, Denver.
- 2002 El Niño Variability and Early Civilization in Coastal Peru. Invited participant in the 8th GAFOS (German American Frontiers of Science symposium), Irvine, CA. Sponsored by the U.S. National Academy of Sciences and the German Humboldt Foundation, June.
(<http://www4.nationalacademies.org/nas/nashome.nsf/f45867247b806311852566f20016142d/fb3afa2d88c3c39b852566f800767c98?OpenDocument>).
- 2002 The Prehistory of El Niño: An Archaeological Perspective. Annual Meeting, Association for Tropical Biology in Panama City, Panama; symposium on "The Climate, Vegetation, Fauna, and Human History of the Lowland Neotropical Forest from before the Last Ice Age to the Arrival of Columbus." Read by symposium organizer.

Sandweiss, D.H., J.B. Richardson III, A. Chu, & S. Houk

- 2001 The 2001 Excavations at Siches, a Mid-Holocene Fishing Site near Talara, Peru. 20th Annual Northeast Conference on Andean Archaeology and Ethnohistory, London, Ont.

Sandweiss, D.H.

- 2001 Archaeological evidence for early maritime adaptations in western South America, 11,000+ to 5000 14-C yrs BP. In symposium on Adjustments to Coastal Environments. Annual Meeting, American Association of Physical Anthropologists, March. Read by symposium organizer.

Sandweiss, D.H.

- 2001 Discussant, Symposium "Beyond Mollusc and Midden I: Social, Ecological, and Economic Aspects of Coastal Settlements". 66th Annual Meeting, Society for American Archaeology, New Orleans.
- 2001 Discussant, Symposium "Social Dynamics of Early Andean Cultures: Preceramic-Early Horizon". 66th Annual Meeting, Society for American Archaeology, New Orleans.
- 2001 Paleorecords of ENSO Variability from Coastal Peru. NSF Workshop on Central Andean Paleoclimates, Tucson, January.
- 2001 Paleoindian Sites on the Peruvian Coast. NSF Workshop on Central Andean Paleoclimates, Tucson, January.

Sandweiss, D.H. & K.A. Maasch

- 2000 Variation in Holocene El Niño Frequencies: Climate Records and Cultural Consequences in Ancient Peru. American Geophysical Union Fall Meeting, December. (Invited for symposium on Paleoenvironmental Evidence for Prehistoric

- Natural Hazards and Their Impact on Human Societies; accepted but not delivered; abstract published in *EOS Trans. AGU 81 (48), Fall Meet. Suppl., 2000*).
- Andrus, C.F.T., D.E. Crowe, & D.H. Sandweiss
- 2000 Anthropogenic Induration of Sediments at the Terminal Pleistocene Peruvian Site Quebrada Jaguay. Annual Meeting, Geological Society of America, November. Presented by Andrus. Abstract published in *GSA Abstracts with Programs, volume 32, number 7 (Annual Meeting)*.
- Sandweiss, D.H., B. Tanner, D. Sanger, F. Andrus, and D. Piperno
- 2000 Paleoindian-age Domestic Structure at a Peruvian Fishing Site. 65th Annual Meeting, Society for American Archaeology, Philadelphia.
- Andrus, F., D. Crowe, and D.H. Sandweiss
- 2000 Climate Change and Subsistence Strategy in Mid-Holocene Peru: Geochemical Evidence of ENSO Variation. 65th Annual Meeting, Society for American Archaeology, Philadelphia. Presented by Andrus.
- Sandweiss, D.H.
- 2000 El Niño Archives in the Archaeological Record. NOAA/NSF-funded symposium “El Niño: Past, Present, and Future”. Seabrook Island Resort, South Carolina.
- 1999 Variation in Holocene El Niño Frequencies: Climate Records and Cultural Consequences in Ancient Peru. A. Watson Armour III Spring Symposium at the Field Museum, Chicago, on “El Niño in Peru: Biology and Culture Over 10,000 Years”.
- Sandweiss, D.H.
- 1999 El Niño Variability and Monument Building in the Peruvian Formative Period. 63rd Annual Meeting, Society for American Archaeology, Chicago.
- 1998 Quebrada Jaguay: Early Maritime Adaptations in South America. 63rd Annual Meeting, Society for American Archaeology, Seattle.
- Sandweiss, D.H.
- 1998 Who Chewed? Coca on the Coast under the Inca Empire. Northeast Anthropological Association Annual Meeting, Orono ME.
- Lynch-Stieglitz, J., J.D. Ortiz, and D.H. Sandweiss
- 1997 The Global Fingerprint of Early Holocene Climate. American Geophysical Union Fall Meeting. Presented by Lynch-Stieglitz.
- Sandweiss, D.H.
- 1997 Early Maritime Adaptations at Quebrada Jaguay, Peru. 16th Annual Northeast Conference on Andean Archaeology and Ethnohistory, Orono, ME.
- 1997 Archaeology, Climate, and El Niño in Western South America. Conference on “Warm Climates in the Tropics”, International Center for Theoretical Physics, Trieste, Italy.
- 1997 Geoarchaeological Evidence from Peru for Holocene Variation in ENSO. Conference on “Warm Climates in the Tropics”, International Center for Theoretical Physics, Trieste, Italy.
- Sandweiss, D.H. and D.R. Watters
- 1997 Incidents of Research and Travel in Cuba. 62nd Society for American Archaeology Annual Meeting, Nashville.
- Copson, W. and D.H. Sandweiss
- 1997 Native and Spanish Perspectives on the 1578 El Niño. 1997 Chacmool International Conference, University of Calgary, Canada. Presented by Copson.

- Sandweiss, D.H.
 1996 Malacoarchaeology in the Central Andes. Fryxell Symposium, 61st Society for American Archaeology Annual Meeting, New Orleans.
- Nicholas, S., D.H. Sandweiss, J.B. Richardson III, H.B. Rollins, and J.D. Wright
 1996 Paleoclimate of the North Coast of Peru as Recorded in the Stable Isotope Content of Marine Shells. 61st Society for American Archaeology Annual Meeting, New Orleans.
- Nicholas, S., D.H. Sandweiss, J.B. Richardson III, H.B. Rollins, and J.D. Wright
 1995 Stable Isotopes of Marine Shell and Paleoclimate on the North Coast of Peru. 14th Annual Northeast Conference on Andean Archaeology and Ethnohistory, RISD, Providence RI. Presented by Nicholas.
- Richardson III, J.B., D.H. Sandweiss, and H.B. Rollins
 1995 The Origins of El Niño, Round II. 14th Annual Northeast Conference on Andean Archaeology and Ethnohistory, RISD, Providence RI. Presented by Richardson.
- Sandweiss, D.H. and J.B. Richardson III
 1995 Mid-Holocene Occupation of the Siches Site, Northwestern Peru. 14th Annual Northeast Conference on Andean Archaeology and Ethnohistory, RISD, Providence RI.
- Rollins, H.B., G. Ayres, and D.H. Sandweiss
 1995 Are Inhabitants of Cross-latitudinal Coasts More Frequently Impacted by Short-term Climatic and Resource Perturbations? A Model for Century to Millenia-scale Fluctuation of Climate, Sea Level, and Fishery Resources. 60th Society for American Archaeology Annual Meeting, Minneapolis. Presented by Rollins.
- Sandweiss, D.H.
 1995 Climatic Change or Geographic Variation in the Mid-Holocene of Northern Peru: Archaeological and Paleoclimatic Evidence. 60th Society for American Archaeology Annual Meeting, Minneapolis.
- Sandweiss, D.H. and J.B. Richardson III
 1994 Another Look at Early Maritime Adaptations in Peru. 13th Annual Northeast Conference on Andean Archaeology and Ethnohistory, Ithaca College.
- Sandweiss, D.H.
 1994 Ritual Rodents: The Guinea Pigs of Chinchá, Peru. 59th Society for American Archaeology Annual Meeting, Disneyland.
- 1993 Hide or Go See: Change and Continuity in the Lambayeque Valley Burial Tradition. 58th Annual Meeting, Society for American Archaeology, St. Louis. International.
- 1993 Fishing and Complexity on the Peruvian Coast. Symposium "Complexity on the Coasts," 92nd Annual Meeting, American Anthropological Association, November. Read by symposium organizer.
- Sandweiss, D.H. and B. Ojeda E.
 1992 Quebrada Jaguay and the Early Prehistory of the Peruvian South Coast: Some Preliminary Observations. 11th Annual Northeast Conference on Andean Archaeology and Ethnohistory, Colgate University.
- Sandweiss, D.H.
 1992 Archaeological Evidence for a Mid-Holocene Origin of El Niño. 57th Annual Meeting, Society for American Archaeology, Pittsburgh.

- Sandweiss, D.H.
 1992 Interdisciplinary Studies of El Niño: Archaeological Interfaces. International Symposium on Paleo-Niño Events, Lima, Peru. Abstract published in *Paleo-ENSO Records International Symposium Extended Abstracts*, ed. by L. Ortlieb and J. Macharé, p. 283. Lima: ORSTOM and CONCYTEC.
- Sandweiss, D.H.
 1992 Excavations in the Late Horizon Component at Túcume. 20th Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, Urbana.
- Sandweiss, D.H. and J.B. Richardson III
 1992 Las fundaciones precerámicas de la etapa Formativa en la costa peruana. Simposio del Formativo Sudamericano, Cuenca, Ecuador.
- Sandweiss, D.H.
 1991 Recent Investigations at Túcume, Peru Annual Meeting, Institute for Andean Studies, Berkeley. Also presented as an Anthropology Colloquium, University of Pittsburgh.
 1989 La cronología del sitio "Lo Demás," valle de Chíncha, e implicancias para la cronología tardía de Chíncha. 2nd Annual Symposium of the Asociación Peruana de Arqueología, Lima.
- Richardson, J.B., D.H. Sandweiss, and J. Hsu
 1989 Investigations at the Ring Site, an Early Maritime Settlement in Peru. 54th Annual Meeting, Society for American Archaeology, Atlanta. Presented by Richardson.
- Sandweiss, D.H.
 1988 Perspectivas bioarqueológicas y geoarqueológicas de El Niño. XI Congreso Nacional de Arqueología Chilena, Santiago, Chile, in the symposium "Bioarqueología, Geoarqueología, y Arqueometría." Read by organizers.
- Sandweiss, D.H.
 1988 Analysis of Organic Remains from Lo Demás, a Late Horizon Site in the Chíncha Valley, Peru. Annual Meeting, Institute for Andean Studies, Berkeley.
- Sandweiss, D.H. and M.C. Rodríguez
 1987 Mollusks in Peruvian Prehistory: A Preliminary Overview. 6th Annual Northeast Conference on Andean Archaeology and Ethnohistory, Trent University, Peterborough, Canada.
 1987 Recognition of Large Magnitude El Niño Events Using Andean Coastal Shell Middens. 52nd Annual Meeting, Society for American Archaeology, Toronto. Presented by Rollins.
- Sandweiss, D.H., H.B. Rollins, and J.B. Richardson III
 1987 Geoarchaeology of the Santa/Chao Region, Northern Peru: Alterations in Landscape, Climate, and Human Occupations. 52nd Annual Meeting, Society for American Archaeology, Toronto.
- Sandweiss, D.H.
 1986 La prehistoria de El Niño. Symposium "La investigación arqueológica en el Norte Peruano," Chiclayo, Peru.
- Rollins, H.B., D.H. Sandweiss, and J.C. Rollins
 1986 Biological Consequences of El Niño on Peruvian Mollusks and Archaeological Utility. American Geophysical Union-Chapman Conference on El Niño, Guayaquil, Ecuador.

Sandweiss, D.H.

- 1986 Fishing and Farming: Archaeological Evidence for an Andean Tradition of Specialization. 51st Annual Meeting, Society for American Archaeology, New Orleans.

Sandweiss, D.H., H.B. Rollins, and J.B. Richardson III

- 1985 Prehistoric People and Rapid Landscape Alteration in the Holocene Record of the Peruvian Coast. Geological Society of America Annual Meeting, *Program with Abstracts* 17: 706.

Sandweiss, D.H.

- 1985 *Choromytilus chorus*: Possible Precursor to *Spondylus* in Ancient Andean Ritual. 4th Annual Northeast Conference on Andean Archaeology and Ethnohistory, SUNY Albany.

- 1985 Occupational Specialization on the late Prehispanic Andean Coast. 50th Annual Meeting, Society for American Archaeology, Denver, May 4; Spanish version presented at VI Congreso del Hombre y la Cultura Andina, Lima, Peru, August 29, 1985. Spanish abstract published as "Los pescadores de Chíncha: Especialización económica costera en las últimas épocas prehispánicas," in *Actas y Trabajos del VI Congreso Peruano: Hombre y cultura andina*, ed. by Francisco E. Iriarte Brenner, p. 58. Lima: CONCYTEC and U. Garcilaso de la Vega, 1988.

- 1985 The Beach Ridges at Santa, Peru. 13th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, Field Museum of Natural History, Chicago, and Symposium on the Prehistory of El Niño, Cornell University, Ithaca.

Sandweiss, D.H.

- 1982 Origin of Complex Society on the Peruvian Coast. 1st Annual Northeast Conference on Andean Archaeology and Ethnohistory, Cornell University, Ithaca, NY.

Rollins, H.B., D.H. Sandweiss, and J.B. Richardson III

- 1981 A Thermally-Anomalous Molluscan Assemblage (TAMA) from Archaeological Sites along Coastal Peru: Paleoecological Implications and Biostratigraphic Utility. Geological Society of America, Annual Meeting, *Program with Abstracts* 13: 541. Presented by Rollins.

Sandweiss, D.H., H.B. Rollins, and T.H. Anderson

- 1981 A Single Large Magnitude Uplift in the Holocene Record of the Peruvian North Coast. Geological Society of America. Annual Meeting, *Program with Abstracts* 13: 545. Presented by Rollins.

Media Coverage since 1996

Since 1996, my work has been covered by NPR (twice on Morning Edition and once each on All Things Considered, Todd Mundt Show, and Day to Day), CBC Radio's Quirks and Quarks show, BBC (hour-long documentary on Túcume also played on National Geographic Channel in the U.S. and in translation elsewhere), Science Channel (episode of What on Earth? [2016], episode of Unearthed [2018]), multiple AP stories carried in papers throughout the world, original stories in *Bangor Daily News*, *Dallas Morning News*, *Der Standard* (Vienna, Austria), *El Comercio* (Lima, Peru), *El Tiempo* (Piura, Peru), *Folha de Sao Paulo* (San Paolo, Brazil), *Gazeta Mercantil* (Sao Paolo, Brazil), *Los Angeles Times*, *New York Times*, *Pittsburgh Post-Gazette*, *San Jose Mercury News*, *USA Today*, *Americas Magazine*,

Discover Magazine, Earth Magazine, Hakai Magazine, National Geographic Online, Nature Science Updates, New Scientist, Science, Science News, World Climate Report, and others. Also featured in several popular books on El Niño.

Research

Research Projects, Funding, and Fellowships:

- 2019-2023 Collaborative Research: The ecological context of early settlement in a southern Peruvian coastal valley circa 5000-1000 BP. D.H. Sandweiss, PI. National Science Foundation.
- 2019-2021 El Pasado en Peligro: Factores Geológicos, Climáticos y Culturales que afectan la conservación del Patrimonio Arqueológico en la Costa del Perú. Cecilia Mauricio, PI. FONDECYT (Peru).
- 2019 The effect of deep geological history on coastal Andean cultural development. Université des Alpes-Grenoble Visiting Fellowship.
- 2018 Testing Evidence for Early Warfare at the Ostra Collecting Station, Peru. El Niño Effects on Molluscan Growth in Peru: Refining a Paleoclimatic Proxy. D.H. Sandweiss, PI. University of Maine College of Liberal Arts and Sciences research funding and University of Maine Regular Faculty Research grant.
- 2017 El Niño Effects on Molluscan Growth in Peru: Refining a Paleoclimatic Proxy. D.H. Sandweiss, PI. University of Maine College of Liberal Arts and Sciences research funding.
- 2012-14 Peruvian Human Ecodynamics Program. J. Quilter, PI (Harvard University); Stephen LeBlanc (Harvard) and D.H. Sandweiss, senior investigators. National Science Foundation Polar Social Science Program grant.
- 2010 Ground-penetrating Radar Study of a Very Early Peruvian Monument. With Ana Mauricio, Alice Kelley, Daniel Belknap, Joseph Kelley, Kurt Rademaker, and David Reid (all UMaine). National Geographic Society research grant.
- 2007-2009 Beach ridges, climate change, and cultural development on the North Central Coast of Peru. With Michael E. Moseley (U of Florida), David K. Keefer (U.S. Geological Survey), and Charles O. Ortloff.
- 2006 ENSO history derived from Peruvian sediment cores (with Curt Stager/Paul Smith's College, PI). National Geographic Society research grant.
- 2006 Principal Investigator, Georadar applications to Peruvian coastal issues (with Dan Belknap, Alice Kelley, and Joe Kelley/U of Maine). Heyerdahl Exploration Fund, Climate Change Institute.
- 2005-2008 Collaborative Research: Molluscan Radiocarbon as a Proxy for Upwelling in Holocene Peru (with Fred Andrus/U of Alabama and Greg Hodgins/U of Arizona). National Science Foundation Earth Systems History program. Coastal Peru.
- 2004 Principal Investigator (jointly with M.A. Malpass), Alca Early Preceramic Survey Project, Highland Peru. Funded by the Heinz Charitable Trust (summer).
- 2003-2004 Principal Investigator, Reanalysis of Galapagos Pottery from the 1953 Norwegian Expedition. Funded by FERCO.

- 2001 Principal Investigator (jointly with J.B. Richardson III), Siches Archaeological Project. Funded by FERCO, the University of Pittsburgh, and the Carnegie Museum (summer).
- 2000-2001 Fellow in Pre-Columbian Studies, Dumbarton Oaks Research Library and Collection (Harvard University).
- 2000 with Kirk Maasch and Konrad Huguen, Brief Evaluation of ENSO Archives in Sechura Desert Sediments. Funded by FERCO (Summer).
- 2000 Principal Investigator, Quebrada Jaguay Archaeological Project, Characterization of Local Lithic Resources, with Martin Yates and Ben Tanner. Funded by Thor Heyerdahl (Summer).
- 1999 Principal Investigator, Continued Archaeological Investigation at Quebrada Jaguay 280. Funded by Thor Heyerdahl (Summer).
- 1998 Principal Investigator, FERCO International Conference on Climate and Culture at 3,000 B.C. Funded by FERCO (Foundation for Exploration and Research on Cultural Origins (October).
- 1998 Principal Investigator (with H.W. Borns), Obsidian Procurement by Peruvian Paleoindians—Nature vs. Culture at Quebrada Jaguay: A Preliminary Investigation. Funded by the University of Maine Vice-Provost for Research and Graduate Studies and the UM Institute for Quaternary Studies Exploration Fund.
- 1996-1998 Principal Investigator, Archaeological Investigation of the Earliest Maritime Adaptations in South America (Excavation of Quebrada Jaguay 280 and Survey of Camaná area). Funded by TIMEX Corp., the Heinz Charitable Trust, and the Brennan & Brennan Foundation. Supplemental funding for camera equipment provided by a University of Maine Faculty Research Grant (June-July).
- 1996 Principal Investigator, Low Cost System for Analyzing and Predicting Coastal Change: A Peruvian Test Case. Funded by MSTF/NASA and UMaine match.
- 1995 Principal Investigator (with J.B. Richardson), Excavation of the Siches Site, Northern Peru, to Study Mid-Holocene Climate Change. Funded by a University of Maine Regular Faculty Research Grant, a Netting Fund grant from the Carnegie Museum of Natural History, and PetroPeru (May-July).
- 1994 Principal Investigator (with J.B. Richardson), Preliminary Field Work on Mid-Holocene Climate Change and Prehistoric Human Adaptations in Peru (May-June). Funded by a University of Maine Summer Faculty Research Grant, supplemented by an international travel grant from the SBS Dean's Office and by a Netting Fund grant (Carnegie Museum) to James B. Richardson III.
- 1993 Visiting Co-Director, Túcume Archaeological Project, July, funded by a research grant from the Kon-Tiki Museum (June-July).
- 1993 Principal Investigator, Sea Levels, Sites, and Chronologies: Investigations of the Cuban Preceramic Period. Funded by a Kaplan Foundation Grant, the Carnegie Museum of Natural History, and the University of Havana (May-June).
- 1992 Trip to Cuba to translate text on precolumbian Cuban art and archaeology, prepare collaborative agreement with the University of Havana, and plan future field work; funded by a grant from TIMEX Corporation (October-November).
- 1992 Visiting Co-Director, Túcume Archaeological Project, July, funded by a research grant from the Kon-Tiki Museum (June-July).

- 1992 Principal Investigator, Survey of Early Maritime Sites, Quebrada Jaguay, southern Peru, funded by a Netting Fund grant (Carnegie Museum) (August).
- 1991 Principal Investigator, Archaeological Evaluation of Hypotheses for the Origin of the El Niño Countercurrent, funded by a Heinz Foundation grant for Archaeological Field Research in Latin America. November-December.
- 1989-1991 Director (with A. Narváez), Túcume Archaeological Project, Túcume, Peru, Organization and Economy of a Late Prehispanic Urban Site, funded by the Kon-Tiki Museum, TIMEX Corporation, and private donors. February-October.
- 1988 Co-Principal Investigator (with H.B. Rollins and T.J. DeVries), Investigation of Paleoecology of Peruvian Mollusks Intended for Studies of Ancient El Niños, funded by a National Science Foundation (Geology Section) Grant. Summer.
- 1987 Principal Investigator (with J.B. Richardson III), Ring Site Archaeological Project, Ilo, Peru, funded by Netting Fund (Carnegie Museum) and University of Pittsburgh Provost's Fund grants to J.B. Richardson, and by a Cornell Summer Assistantship. Summer.
- 1986 Principal Investigator, Analysis of Archaeological Remains from Chincha, Peru (Dissertation Research), National Museum, Lima, Peru. Funded by a Wenner-Gren Foundation Student Grant. Fall.
- 1985 Principal Investigator, Analysis of Archaeological Remains from Chincha, Peru (Dissertation Research). Funded by a Cornell Summer Graduate Fellowship. Summer.
- 1985 Co-Principal Investigator (with J.B. Richardson III, R.A. Feldman, and M.A. McConaughy), Investigations at the Ring Site, an Early Preceramic Shell Midden, Ilo, Peru. Funded by a University of Pittsburgh Provost's Fund grant to J.B. Richardson. Summer.
- 1983-1984 Principal Investigator, Archaeological Investigation of An Occupationally Specialized, Late Prehispanic Fishing Population at Chincha, Peru (Dissertation Research). Funded by an American Museum of Natural History Lounsbery Fellowship (1983), a National Science Foundation Doctoral Dissertation Grant (1984), and a Fulbright-Hays Doctoral Dissertation Research Abroad Fellowship (1984). Summer 1983-Fall 1984.
- 1984 Co-investigator (with H.B. Rollins), Investigation of the Effect of the 1982-1983 El Niño Event on Incremental Growth of Peruvian Mollusks for Future Application to Archaeological Studies, funded by a National Geographic Society Grant. March-November.
- 1984 Principal Investigator, Relationship between El Niño and the Santa Beach Ridges, Peru, funded by a Sigma Xi (Cornell Chapter) Grant-in-Aid. January.
- 1983 Subsistence and Paleoecologic Analysis of Mollusks from El Paraíso, Peru, Late Preceramic Period (National Science Foundation grant to J. Quilter). Summer-Fall.
- 1983 Investigation of an Uplifted Coast and Associated Archaeological Sites, Ilo, Peru (as member of the Programa Contisuyo, directed by M.E. Moseley, with J.B. Richardson III and R.E. Feldman). May-June.
- 1981 Principal Investigator, Ethnographic and Archaeological Investigation of the Effect of a Rapidly Shifting Physical Environment on Swamp Dwellers of the Sula Valley, Honduras, funded by an Interamerican Foundation Master's Fellowship. Summer-Fall.

- 1980 CRM Project, Phase 1A, Malone, NY. December.
- 1979-1980 Principal Investigator, Ancient Marine Resource Utilization, Coastal Peru, funded by a Fulbright Fellowship. August 1979-August 1980.
- 1978 Preliminary Investigation of Ancient Marine Resource Utilization, North Coastal Peru (Senior Research Project). Summer.
- 1977 Archaeological Field Survey, South Coastal Guatemala (as field assistant to E. Wilson), funded by an Undergraduate Summer Research Grant, Yale University. Summer.
- 1977 Calculation of Meat Weight from Shell Attributes of *Mercenaria mercenaria*, for Application to Archaeological Remains. Independent Research Project, Yale. Spring.

Other Grants and Fellowships:

- 1986 Cornell Summer Assistantship (Thesis Writing).
- 1985 Cornell-Pittsburgh Latin American Studies Program/National Resource Center Visiting Fellowship (for Laboratory Work with H.B. Rollins).
- 1982 Sage Graduate Fellowship, Cornell University.
- 1982 National Resource Fellowship for Intensive Summer Language Training in Portuguese (taken at the University of Texas, Austin).
- 1979-1982 National Science Foundation Graduate Fellowship (taken at Cornell University).
- 1979-1980 Sage Supplemental Fellowship, Cornell University.

Teaching

- 2018 El Poblamiento de las Américas. Universidad Nacional de Tucumán, Argentina.
- 2003 Geoarqueología, Master's Program in Archaeology and Anthropology, Universidad de Tarapacá/Universidad Católica del Norte, San Pedro de Atacama, Chile.
- 1993-present Asst.-Assoc.-Professor, U. of Maine (courses taught: Ant 101: Intro to Anthropology: Human Origins and Prehistory; Ant 170: Popular Archaeology; Ant 290: Hollywood Archaeology; Ant 459: Peoples and Cultures of South America; Ant 475: Environmental Archaeology; Ant. 480: South American Prehistory; Ant. 571: Archaeology of Complex Societies; Ant 597: Current Issues in Geoarchaeology; Ant 597: Peopling of the Americas; Ant 597: Central Andean Prehistory; Ant 597: Archaeology of Peru; Ant 597: Paleoenvironmental Archaeology of the Peruvian Coast; Int 500: Seminar in Quaternary Studies).
- 1987-1988 Teaching Assistant (Sole Instructor), Archaeology 107.2 (Popular Archaeology: Mysteries of South America), Fall term 1987, Spring and Fall terms 1988.
- 1985-1987 Teaching Assistant, Archaeology 100/101 (Introduction to Archaeology), Spring and Fall terms 1985, Spring term 1986, Spring term 1987.
- 1983 Teaching Assistant, Anthropology 205 (Ethnographic Films), Spring term.

Service and Organization outside UMaine*

- 2020 National Science Foundation, panel reviewer.
- 2019 National Science Foundation, panel reviewer.
- 2018 National Science Foundation, panel reviewer.
- 2016 Organizer, President's Forum: Climate Change and Archaeology. Society for American Archaeology Annual Meeting, April 2016, Orlando, FL.
- 2013 National Science Foundation, panel reviewer.
- 2010-2012 Special Advisor to the SAA Board to organize the first Conferencia Intercontinental (SAA-sponsored archaeology conference in Latin America).
- 2011 Organizer, 30th Annual Northeast Conference on Andean Archaeology and Ethnohistory, RS Peabody Museum, Andover MA, October 15-16, 2011.
- 2008 Chair and Organizer, symposium on "Quebrada Jaguay: Maritime Adaptations and the Paleoindian to Archaic Occupation of Southern Peru." Society for American Archaeology Annual Meeting, March 2008, Vancouver, Canada.
- 2008 Co-Organizer, 27th Annual Northeast Conference on Andean Archaeology and Ethnohistory, Oct. 11-12, Orono, ME.
- 2007 Chair, symposium on "Central American Archaeology: Current Situation and Future Perspectives." Sponsored by the Society for American Archaeology Board. Society for American Archaeology Annual Meeting, April 2007, Austin, TX.
- 2006 Co-organizer and Chair, symposium on "New World Shellmounds and Shellmiddens: A Bicoastal Comparison". Sponsored by the Committee on the Americas. Society for American Archaeology Annual Meeting, April 2006, San Juan Puerto Rico.
- 2004 Chair, General Session on Andean Lowlands Archaeology, ". 69th Society for American Archaeology Annual Meeting, Montreal.
- 2002 El Niño, Catastrophism, and Culture Change in Ancient America, a Dumbarton Oaks Symposium. Organized jointly with Jeffrey Quilter, funded by Dumbarton Oaks Pre-Columbian Studies Program.
- 2000 Chair, General Session on Paleoindian Occupations across the New World. 65th Annual Meeting, Society for American Archaeology, Philadelphia.
- 1998 Organizer (With K.A. Maasch) of the FERCO International Conference on Climate and Culture at 3,000 B.C. October, University of Maine, Orono ME.
- 1998 Co-organizer and chair (With J.B. Richardson III), Symposium on "Terminal Pleistocene/Early Holocene Maritime Adaptations along the Pacific Coast of the Americas". 63rd Society for American Archaeology Annual Meeting, Seattle.
- 1997 Organizer, 16th Annual Northeast Conference on Andean Archaeology and Ethnohistory, Oct. 4-5, Orono, ME.
- 1995 Organizer and chair, Symposium on "Climate and Culture in the Mid-Holocene of Andean South America," 60th Society for American Archaeology Annual Meeting, Minneapolis.
- 1994 Co-organizer and chair (with Kristin Sobolik), Symposium on "Mickey Mouse Archaeology: Mice, Rats and Other Rodents," 59th Society for American Archaeology Annual Meeting, Disneyland, California.

* (see also Current or Former Positions and Affiliations)

- 1993 Program Chair, 12th Annual Northeast Conference on Andean Archaeology and Ethnohistory. Held at Carnegie Museum, Pittsburgh. October 23-24, 1993.
- 1993 Co-Organizer and Chair (with Brian Bauer), Symposium on "Recent Advances in Inca Archaeology", 58th Annual Meeting, Society for American Archaeology.
- 1987 Co-organizer and Chair, Symposium on "Geoarchaeology of the Andean Coast: Recent Advances," 52nd Annual Meeting, Society for American Archaeology, Toronto.
- 1986 Co-organizer, Fifth Annual Northeast Conference on Andean Archaeology and Ethnohistory, held at Cornell University, November 8 and 9, 1986.
- 1986 Organizer and Chair, Symposium on "Maritime Foundations: Preceramic Subsistence and Society on the Andean Coast," 51st Annual Meeting, Society for American Archaeology.
- 1985 Organizer, Symposium on "The Prehistory of El Niño," held at Cornell University, April 22, 1985.
- 1982 Founder and Organizer, First Annual Northeast Conference on Andean Archaeology and Ethnohistory, Cornell University, November 13-15, 1982.
- 1982 Graduate Student Representative, Anthropology Dept., Cornell University.
- 1981 Voting Member, Admissions Committee, Anthropology Dept., Cornell University.
- 1980-1983, 1985-1986 Coordinator, Archaeology Colloquia, Cornell University.
- 1978-1979 Coordinator, Archaeology Colloquia, Informal Series, Yale University.

Memberships in Professional Societies:

AAAS (member, elected fellow)
 CIPS (California Institute for Peruvian Studies) (elected member)
 Geological Society of America (member, elected fellow)
 Institute for Andean Research (elected member)
 Institute of Andean Studies (elected member)
 Peruvian-American Foundation (elected member)
 Sigma Xi (elected member)
 Society for American Archaeology (member)