**CURRICULUM VITAE**

**Fall 2015**

Name : **Thomas Howatt McGovern**

**Education**

1972 Columbia College‑ B.A. Anthropology/

Oriental Studies, Magna Cum Laude

1973 Columbia University‑ M.A. Anthropology(Archaeology)

1975 Columbia University‑ M.Phil. Anthropology (Archaeology)

1979 Columbia University‑ Ph.D. Anthropology (Archaeology).

 Dissertation: The Paleoeconomy of Norse Greenland:

 Adaptation and Extinction in a Closely Bounded Ecosystem 395 pp.

**Employment**

1979‑1983 Assistant Professor, Department of

Anthropology, Hunter College, CUNY.

1983‑1987 Associate Professor, Department of

Anthropology, Hunter College, CUNY.

1987‑present Professor, Department of Anthropology

Hunter College, CUNY.

 2010-present Associate Director, ***CUNY Human Ecodynamics Research Center*** (HERC)

**Grants and Fellowships (2000-2016 only)**

* 1. (with Dr Sophia Perdikaris)NSF Polar Programs/Education Res. Exp. For Undergrads field and laboratory grant
	2. (with Orri Vesteinsson, Ian Simpson, & Andy Dugmore) NSF Anthropology Program research grant
	3. NY City Parks Dept City Hall Park Analysis Project (with Sophia Perdikaris, Arthur Bankoff and Neil Smith
1. PSC-CUNY Research Grant

2001 National Geographic Society Grant

2001-06 (with Kevin Edwards, Andy Dugmore, Ian Simpson, Paul Buckland) Leverhulme Trust (UK) grant “Landscapes circa Landnám”

2002 PSC-CUNY Research Grant

2002 National Geographic Society Grant

2003 PSC-CUNY Research Grant

2004-7 NSF Research Grant “Comparative Zooarchaeology in Faroes & Iceland” (supplement 2006)

2004-6 (with Dr Sophia Perdikaris) NSF Polar Programs/Education Res. Exp. For Undergrads field and laboratory grant

2006 National Geographic Society Grant

2005-7 National Science Foundation Human & Social Dimensions of Global Change program grant for Iceland (junior PI with Astrid Oglivie).

2007-10 National Science Foundation International Polar Year grant “ Long term human ecodynamics in the Norse North Atlantic, with three supplements from NSF 2010 (senior PI).

2009-13 National Science Foundation “ Islands of Change REU” project (junior PI with Dr. Sophia Perdikaris).

2010 National Science Foundation ARRA grant for organizing the “Global Long Term Human Ecodynamics Conference” Eagle Hill Maine Oct 14-18 2009 (senior PI with Sophia Perdikaris and Andy Dugmore). $75,000

2010 National Science Foundation RAPID grant for interdisciplinary investigation of the 2009 Eyjafjalljokull volcano (junior PI with Dr. Andy Dugmore), $28,000

2010-11 National Science Foundation Research Network Coordination grant for NABO-Long Term Vulnerability and Resilience Project comparative workshop series (co-PI with Margaret Nelson ASU). $50,000

2012-16 National Science Foundation Science, Engineering & Education for Sustainability (SEES) Research Coordination Network grant (co-PI), $489,000

2012 NSF RAPID grant for international rescue work at Gardar/ Igaliku Greenland (Senior PI). $199,000

2012 Wenner Gren Foundation Conference grant (senior PI with Kate Spielmann ASU), $19,000

2012-14 NSF Comparative Island Ecodynamics in Iceland and Greenland grant, (Senior PI). $1.28 million

2012-14 NSF Doctoral Improvement grant to Megan Hicks (co-PI) $42,000

2013-15 NSF Doctoral Improvement grant to Francis Feeley (co-PI), $41,500

2013-15 NSF EAGER grant to Dr. Andy Dugmore (co-PI), $110,000

Total (rounded) of PI or Co PI grants = $ 11.3 million.

**Publications**

1978 Solecki, Rose L. & T.H. McGovern

Predatory birds and prehistoric man ,in:

S. Diamond (ed.) *Theory and Practice*,

Cornell Univ. Press, pp. 79‑94.

1979a McGovern, T.H.

*The Paleoeconomy of Norse Greenland:*

*adaptation and extinction in a tightly bounded*

*ecosystem,* University Microfilms, Ann Arbor

Mich. (Ph.D. dissertation, Columbia) 395 pp.

1979b Thule‑Norse interaction in Southwest Greenland: a speculative model,

 in: A.P. McCartney (ed.) *The Thule Eskimo Culture: an Anthropological*

*Retrospective* National Museum of Man Mercury

Series no. 88, Ottawa, pp 171‑189.

1980a Cows, harp seals, and churchbells: adaptation and extinction in Norse Greenland, *Human Ecology* 8(3): 245‑277.

1980b Site catchment and maritime adaptation in

Norse Greenland, in F. Findlow and J. Eriksson

(ed.s) *Site Catchment Analysis: Essays on*

*Prehistoric Resource Space* UCLA Press,pp.193‑209.

1980/81 The Vinland adventure: a North Atlantic perspective,

*North American Archaeologist*,2(4): 285‑308.

1981 The economics of extinction in Norse

Greenland, in: T.M.L. Wigley et al. (ed.s)

*Climate and History*, Cambridge Univ. Press,

pp. 404‑434.

1982a The lost Norse colony of Greenland,in:

E. Guralnick (ed.) *Vikings in the West*,

Arch. Inst. of North America, Chicago, pp 13‑23.

1982b McGovern, T.H. & R. H. Jordan

Settlement and landuse in the inner

fjords of Godthaab District, West Greenland

*Arctic Anthropology* 19(1):63‑80.

1983a McGovern, T.H., P.C. Buckland, Gudrun

Sveinbjarnardottir, Diana Savory, Peter

Skidmore, & Claus Andreasen

A study of the faunal and floral remains from two

Norse farms in the Western Settlement, Greenland,

*Arctic Anthropology* 20(2):93‑120.

1983b Buckland, P.C., Gudrun Sveinbjarnardottir,

Diana Savory, T.H. McGovern, Peter Skidmore,

& Claus Andreasen

Norsemen at Nipaitsoq, Greenland: a

paleoecological investigation, *Norwegian*

*Archaeological Review* 16(2):86‑98.

1984a McGovern, T.H.

From zooarchaeology to Paleoeconomy:

a case from Norse Greenland, *MASCA Journal*

3(2): 36‑40.

1984b McGovern, T.H. and G. F. Bigelow

The archaeozoology of the Norse site 017a, Narssaq,

 Southwest Greenland, *Acta Borealia* 1(1):85‑102.

1985a McGovern, T.H.

The arctic frontier of Norse Greenland, in:

S. Green & S. Perlman (eds.) *The Archaeology*

*of Frontiers and Boundaries,* Academic Press,

New York, pp. 275‑323.

1985b McGovern, T.H.

 (1985) Contributions to the Paleoeconomy of

Norse Greenland, *Acta Archaeologica*,

Vol 54 : 73‑122.

 1988 McGovern, T.H., G.F.Bigelow, T. Amorosi & D.Russell

Northern Islands, Human Error, &

Environmental Degradation : a Preliminary Model

for Social and Ecological Change in the Medieval North Atlantic

*Human Ecology* 16(3):45‑105

1989 McGovern, T.H.

A comparison of the Eastern & Western Settlements in Greenland *Hikuin* 15:

36‑47.

1990 McGovern, T.H.

The Archaeology of the Norse North Atlantic,

*Annual Review of Anthropology* volume 19:331‑351.

1991 McGovern, T.H.

Climate, Correlation, & Causation in Norse

Greenland , *Arctic Anthropology* 28(2):77‑100.

 1992a McGovern, T.H.

Bones, Buildings, and Boundaries: Paleoeconomic

approaches to Norse Greenland, in: C.D. Morris & James Rackham (ed.s), *Norse & later Settlement & Subsistence in the North Atlantic G*lasgow U. Press pp 157‑186.

1992b McGovern, T.H.

Zooarchaeology of the Vatnahverfi, in: C.L.Vebaek, ***Vatnahverfi*** ,*Meddelelser om Grønland Man & Society,* 17:93‑107.

1993a McGovern, T.H.

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McGovern, T.H., G.F. Bigelow T. Amorosi, J.Woolett & S.Perdikaris

1993b Animal bones from O17a Narsaq, in: C.L.Vebaek Narsaq‑ A Norse Landnama Farm *Meddelelser om Grønland Man & Society,* 18 pp 134-47

McGovern, T.H.

1994a Management for extinction in Norse Greenland in: C. Crumley (ed.)

*Historical Ecology: Cultural Knowledge and Changing Landscapes,*

School of American Research Monograph, Santa Fe

NM. pp 127-154.

Amorosi T, Buckland P.C., Magnusson K., Sadler J.P. & McGovern T.H.

1994b An archaeological examination of the midden at Nesstofa, Seltjarnarnes Iceland, in: R.Luff & P.A. Rowley-Conwy (eds) *Whither Environmental Archaeology?* Oxbow Publications Oxford UK (38):69-80.

1994c Amorosi T. & T.H. McGovern

Appendix 4: a preliminary report of an archaeofauna from Granastadir Eyjafjardarsysla, Northern Iceland, in B.F. Einarsson (ed) *The Settlement of Iceland: A Critical Approach: Granastadir and the Ecological Heritage*, Series B Gothenburg Archaeological Theses No 4 Gothenberg, Sweden

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1994e Twig layers, floors & middens: recent paleoecological research in the Western Settlement, Greenland, in B. Ambrosiani & H. Clarke (eds) *Proceedings of the 22nd Viking Congress*, Stockholm, Birka Studies 3 : 132-143.

McGovern, T.H.

1995 A View from the North Atlantic, *Witness the Arctic* 2: 1-2.

1996a Buckland, P.C., T. Amorosi, L.K. Barlow, A.J. Dugmore, P.A. Mayewski, T.H. McGovern, A.E.J. Ogilvie, J.P. Sadler & P. Skidmore

Bioarchaeological and climatological evidence for the fate of the Norse farmers in medieval Greenland, *Antiquity* 70(1):88-96.

 1996b Amorosi T., Woollett J.W, Perdikaris S., & McGovern T.H.

Regional Zooarchaeology & Global Change Research: Problems and Potentials, *World Archaeology*, 28(1):126-157.

1996c **McGovern T.H.,** Amorosi T., Perdikaris S. & Woollett J.W. (1996)

Zooarchaeology of Sandnes V51: Economic Change at a Chieftain’s Farm in West Greenland,*Arctic Anthropology* 33(2)94-122*.*

 1997a Amorosi T., Buckland P., Dugmore A., Ingimundarsson J. & **McGovern T.H.**

Raiding the Landscape: Human impact in the North Atlantic, in: B. Fitzhugh & T. Hunt (eds.) *Island Archaeology*, special edition of *Human Ecology*,25(3):491-518.

1997b Barlow L. Amorosi T., Buckland P.C., Dugmore A., Ingimundarson J.H., **McGovern T.H.,** Ogilvie A., Skidmore P.

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1998 Amorosi, T., P.C. Buckland, Kevin Edwards, Ingrid Mainland, **T.H. McGovern**, Jon Sadler & Peter Skidmore

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1999 McGovern, T.H.

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2000a The Demise of Norse Greenland, in W.W. Fitzhugh & E. Ward (eds*). Viking Voyagers,* Smithsonian Inst Press. pp 327-340

 Astrid Ogilvie **& T.H. McGovern**

2000b Sagas & Science: Climate and Human Impacts in the North Atlantic, in W.W. Fitzhugh (ed*). Viking Voyagers*, Smithsonian Inst Press pp 385-394.

2000c **T.H. McGovern**, Sophia Perdikaris, What Went Wrong with the Norse Voyages: The Silent Saga, *Natural History Magazine*, October 2000 pp 50-55.

2001 **T.H. McGovern**, Sophia Perdikaris, Clayton Tinsley

Economy of Landnám: the Evidence of Zooarchaeology, in U. Bragason et al. (ed*) Westward to Vinland* , Nordahl Inst. Reykjavik. 154-165.

2002 Orri Vesteinsson, **Thomas H McGovern** & Christian Keller: 'Enduring Impacts: Social and Environmental Aspects of Viking Age Settlement in Iceland and Greenland *Archaeologica Islandica 2* 98-136

2003 Simpson, Ian, Orri Vésteinsson, W. Paul Adderley, **Thomas H. McGovern**: Fuel Resource utilization in Landscapes of Settlement, *Jour Arch Sci*.30(2003):1401-1420.

2004. Edvardsson, R., Perdikaris, S., **McGovern, T. H**., Zagor, N. and Waxman, M. Coping with hard times in North-West Iceland: Zooarchaeology, History, and Landscape Archaeology at Finnbogastaðir in the 18th century’, 2004, *Archaeologica Islandica* 3, 20-48.

2004 Dugmore, A J, Church, M J, Buckland, P C, Edwards, K J, Lawson, I, **McGovern, T H,** Panagiotakopulu, E, Simpson, I A, Skidmore, P and Sveinbjarnardóttir, G “The Norse *landnám* on the North Atlantic islands: an environmental impact assessment”, *Polar Record* 41, 1-17.

 2004 Adolf Fridriksson, Orri Vesteinsson & **Thomas H. McGovern**: 'Recent

Investigations at Hofstaðir, Northern Iceland.' in Housely, R. A. and Coles, G. (eds.), Atlantic Connections and Adaptations; economies, environments and subsistence in lands bordering the North Atlantic, AEA/NABO Environmental Archaeology Monographs 21, Oxbow Books. 191-203.

2004 **McGovern, Thomas H.**  ‘ The NABO Research Cooperative 10 years On’, in Housely, R. A. and Coles, G. (eds.), Atlantic Connections and Adaptations; economies, environments and subsistence in lands bordering the North Atlantic, AEA/NABO Environmental Archaeology Monographs 21, Oxbow Books. 254-260.

2004 Perdikaris, Sophia, **Thomas H McGovern**, Yekaterina Krivogorskaya, M. Waxman Early Modern Fisher-Farmers at Finnbogastaðir and Gjögur in Northwest Iceland, R. Gonzales (ed) *Presence of the Archaeo- ichthyology in Mexico, ICAZ Fish Remains Working Group 2003*, Guadalajara Mexico pp139-144

2005 Krivogorskaya Yekaterina, Sophia Perdikaris, & **Thomas H. McGovern**

 Fish bones and fishermen: the potential of Zooarchaeology in the Westfjords, *Archaeologica Islandica* 4 : 31-51.

2005 Ragnar Edvardsson & **Thomas H. McGovern.** Archaeological excavations at Vatnsfjörður 2003-04 *Archaeologica Islandica* 4 : 16-31.

2005 Colin Amundsen , Sophia Perdikaris **,  Thomas H. McGovern** , Yekaterina Krivogorskaya , Matthew Brown , Konrad Smiarowski, Shaye Storm, Salena Modugno, Malgorzata Frik, Monica Koczela ‘Fishing Booths and Fishing Strategies in Medieval Iceland : an Archaeofauna from the of Akurvík, North-West Iceland’, 2005 *Environmental Archaeology* 10,2 : 141-198.

2005 Guðmundur Ólafsson, **Thomas H. McGovern**, Kevin P. Smith, *Outlaws of Surtshellir Cave: the underground economy of Viking Age Iceland* in: Jette Arneborg & B. Grønnow (eds) *Dynamics of Northern Societies*, Proceedings of the SILA/NABO conference on Arctic & North Atlantic Archaeology 2004, National Museum of Denmark Copenhagen, pp 395-407.

2005 Mike Church, Simun Arge, S Brewington, **T.H. McGovern**, J Woollett, Sophia Perdikaris, Ian T. Lawson, Gordon C. Cook, Colin Amundsen, Ramona Harrison, Yekaterina Krivogorskaya; Puffins, pigs, cod and barley: paleoeconomy at Undir Junkarinsfløtti, Sandoy, Faroe Islands, *Environmental Archaeology* 10, 2: 198-221**.**

 2005 Andrew Dugmore, Mike Church, Kerry-Anne Mairs, **T.H. McGovern**, Anthony J Newton, and Gudrun Sveinbjarnardottir; An over-optimistic pioneer fringe? Environmental Perspectives on Medieval Settlement abandonment in Thorsmork South Iceland. in: Jette Arneborg & B. Grønnow (eds) *Dynamics of Northern Societies*, Proceedings of the SILA/NABO conference on Arctic & North Atlantic Archaeology 2004, National Museum of Denmark Copenhagen, pp 335-347.

2005 Lawson Ian T., F.J. Gathorne-Hardy, Mike J. Church, Arni Einarsson, Kevin Edwards, Sophia Perdikaris, **T.H.McGovern**, Colin Amundsen & Gudrun Sveinbjarnardottir; Human Impact on Freshwater Environments in Norse and Early Medieval Mývatnssveit. Iceland, in: Jette Arneborg & B. Grønnow (eds) *Dynamics of Northern Societies*, Proceedings of the SILA/NABO conference on Arctic & North Atlantic Archaeology 2004, National Museum of Denmark Copenhagen, pp 375-383.

2005 Krivogorskaya, Yekaterina, Sophia Perdikaris, **Thomas H. McGovern**, Cleaning Up the Farm: A Later Medieval Archaeofauna from Gjögur, a Fishing Farm of NW Iceland, *Iceland* in: Jette Arneborg & B. Grønnow (eds) *Dynamics of Northern Societies*, Proceedings of the SILA/NABO conference on Arctic & North Atlantic Archaeology 2004, National Museum of Denmark Copenhagen, pp 383-395.

2006 Ascough, P.L.; Cook, G.T.; Church, M.J.; Dugmore, A.J.; Arge, S.V.; **McGovern, T.H.**. [Variability in North Atlantic marine radiocarbon reservoir effects at c. AD 1000.](http://web114.epnet.com/citation.asp?tb=1&_ug=sid+551FC5E4%2D5E81%2D4C09%2DB34E%2D01CAE70F5FEF%40sessionmgr3+dbs+aph+cp+1+2056&_us=sel+False+frn+1+sl+0+hd+False+hs+True+cst+0%3B1%3B2+or+Date+fh+False+ss+SO+sm+ES+mdbs+aph+dstb+ES+mh+1+ri+KAAAGEMB00087807+0D20&_uso=hd+False+tg%5B2+%2D+tg%5B1+%2D+tg%5B0+%2D+st%5B2+%2D+st%5B1+%2D+st%5B0+%2DAscough+db%5B0+%2Daph+op%5B2+%2DAnd+op%5B1+%2DAnd+op%5B0+%2D+mdb%5B0+%2Dimh+02E7&fn=1&rn=5)   In *The Holocene,* Jan2006, Vol. 16 Issue 1, p131-136*.*

2006 **McGovern, T.H**., Sophia Perdikaris, Arni Einarsson, Jane Sidell . Coastal Connections, Local Fishing, and Sustainable egg harvesting, patterns of Viking age inland wild resource use in Mývatn District, Northern Iceland, *Environmental Archaeology* 11.1 : 102-128.

2007 Perdikaris, S. & **T.H. McGovern**, Walrus, Cod Fish, and Chieftains : Intensification in the Norse North Atlantic, Thurston, T. L. and C. T. Fisher (eds.). *Seeking A Richer Harvest: The Archaeology of Subsistence Intensification, Innovation, and Change*. Springer Science+Business Media, New York pp.193-216.

2007 Andrew J. Dugmore, Douglas M. Borthwick , Mike J. Church, Alastair Dawson, Kevin J. Edwards, Christian Keller & Paul Mayewski & **Thomas H. McGovern** & Kerry-Anne Mairs &Guðrún Sveinbjarnardóttir

The Role of Climate in Settlement and Landscape Change in the North Atlantic Islands: An Assessment of Cumulative Deviations in High-Resolution Proxy Climate Records, *Human Ecology* (2007) 35:169–178

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2008 Sophia Perdikaris, George Hambrecht, Seth Brewington & **Thomas H McGovern**, Across the fish event horizon: origins of commercial fishing in the N Atlantic, ICAZ Fish Working Group, Oxbow Books.

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 Bloody slaughter: ritual decapitation and display at Viking age Hofstaðir N Iceland, *Journal of European Archaeology* 10(1) : 7-30.

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2009 **McGovern, Thomas H**., Sophia Perdikaris, Ingrid Mainland, Philippa Ascough, Vicki Ewens, Arni Einarsson, Jane Sidell, George Hambrecht, and Ramona Harrison, (2009) *Chapter 4 : The archaeofauna*, in: Gavin Lucas (ed) *Hofstadir: Excavations of a Viking Age Feasting Hall in North Eastern Iceland* , Inst. of Archaeology Reykjavik Monograph 1, Reykjavik. Pp 168-252.

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Cultural adaptation, compounding vulnerabilities, and conjunctures in Norse Greenland. *PNAS* 2012 109 (10)3011-6

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2012 Dugmore, Andrew J., **T.H. McGovern**, O. Vésteinsson, J. Arneborg, R.T. Streeter and C. Keller , Christian ; Streeter, R. T. 2012.; *Cultural adaptation, compounding vulnerabilities and conjunctures in Norse Greenland*, Poster, Planet under Pressure, London UK, 26. - 29. December 2012.

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2013    The Human Experience of Social Change and Continuity: The Southwest and North Atlantic in “Interesting Times” ca. 1300.  In *Climates of Change: The Shifting Environments of Archaeology*, edited bySheila Lacey, Cara Tremain, and Madeleine Sawyer. Proceedings of the 44th Annual Chacmool Conference, University of Calgary.

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*Archaeological Society of Connecticut,*14(2):181‑184.

1983 Review of: W.W. Fitzhugh and S. Kaplan ***Inua : The Spirit World of the Bering Sea***

***Eskimo*** (1982), Smithsonian Inst. Press. In: *Journal of the Canadian Anthropological*

*Association*,12(2) :96‑97.

1987 Review of: Erik Whalgren The Vikings in America, Ancient Peoples & Places Series,

London, Thames & Hudson, 1986 192 pp.,in : *Arctic* 402(2) : 161.

1993 Review of: James H. Barker Always ***Getting Ready: Upterrlainarluta: Yup'ik Eskimo Subsistence in Southwest Alaska*** for *Human Ecology*.

1. Review of: Allen McCartney (ed.), ***Hunting the Largest Animals: Native Whaling in the Western Arctic and Subarctic,*** for *Arctic Anthropology.*

2001 Review of: Tina Thurston, ***Landscapes of Power, Landscapes of Conflict: State formation in S Scandinavian Iron Age,*** Plenum NY., for *American Anthropologist*.

1. Review of Mondini, M., Muñoz, S. and Wickler, S. (eds.) . 2004***. Colonization, Migration and Marginal Areas: a Zooarchaeological Approach*** (Proceedings of the 9th ICAZ Conference, Durham, August 2002). Oxford: Oxbow Books. 128pp. for *Environmental Archaeology,*

2008 Review of Redman C. et al. ***Archaeology of Global Change***, Smithsonian, for *American Anthropologist*

**Software**

1995-present cooperated in the development of NABONE, an information system for the comparison and management of North Atlantic archaeofauna. Version 9.0 is now available for download at www.nabohome.org

1989-95 Developed the FARMPACT 1.0-5.0 Farm simulation model for assessing climate impacts to the Norse economy in West Greenland. Now available for download at [www.nabohome.org](http://www.nabohome.org)

1985‑89 Developed LOTUSBONE and QUATTROBONE zooarchaeology spreadsheet template set for Louts 123 and Quattro/QuattroPro. Package(with manual) available from Hunter College Bioarchaeology Laboratory.

1986‑91 wrote interactive teaching game INUIT (vers. 1‑9)for use in cultural ecology and paleoecology courses. Text‑based (MS‑DOS) version available (with teaching materials) from Hunter College Bioarchaeology Laboratory.

**Grant Reviews**

National Science Foundation (Polar Programs)

National Science Foundation (Anthropology)

National Science Foundation (Sociology)

PSC‑CUNY Awards Program

 American‑Scandinavian Foundation Grants

NATO Scientific Grants Program

Leverhulme Trust (UK)

Fullbright Grants Program

British Academy

Danish Ministry for Science & Education

**Editorial Board Service**

 **E**ditor, Journal of the N Atlantic 2006-

Social science editor, INSTAAR 2003-05

**Disciplinary Service**

 IHOPE Science Advisory Committee 2014-

 SAA standing Committee on Climate Change and Archaeological Resources, chair 2015-

 NSF Committee of visitors, panel member, OPP review panel

 NSF Arctic Horizons visioning committee 2015-

**Manuscript Reviews**

*American Anthropologist*

*Environmental Archaeology*

*Human Ecology*

*American Antiquity*

*Arctic*

*Arctic Anthropology*

*Journal of Anthropological Archaeology*

*Journal of Archaeological Science*

*Journal of the North Atlantic*

*Polar Record*

*Ecumene*

*Climatic Change*

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Univ. of California Press

Yale University Press

Scott Polar Inst.

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