

CURRICULUM VITAE

Karen Holmberg

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EDUCATION

Ph.D., Anthropology, Columbia University, New York, NY. 2009

M.Phil., Anthropology, Columbia University, New York, NY. 2001

M.A., Anthropology, Columbia University. New York, NY. 1999

B.A. with Distinction, Anthropology, University of Virginia, Charlottesville. 1995, *Phi Beta Kappa*

PROFESSIONAL APPOINTMENTS AND AFFILIATIONS

New York University Visiting Scholar, 2013 - present

Cities, Cultures, and Climate Change working group (Institute for Public Knowledge)

Climate Working Group (A/P/A)

Stanford University Archaeology Center, Lecturer, 2011

Brown University Joukowsky Institute (JIAAW), Post-doctoral Fellow/Lecturer, 2009-10

Museu Nacional da Universidade Federal do Rio de Janeiro Visiting Scholar, 2006

Smithsonian Tropical Research Institute Panamá, Fulbright Scholar, 2004-5

GRANTS AND AWARD FELLOWSHIPS

2018 National Geographic Research Grant, Principal Investigator (NGS-185C-18)

2018 Creating Earth Futures Commission, Royal Holloway Geohumanities Centre/Leverhulme Trust

2011 Mellon Foundation LEAP II grant

2009 Joukowsky Institute Post-Doctoral Teaching Fellowship, Brown University

2004 Wenner-Gren Foundation Individual Research Grant

2004 Fulbright IIE Fellowship

2000 SMART Seed Grant for interdisciplinary research, Columbia Earth Institute

1997 President's Fellowship, Columbia (4 years)

1997 Federal Employees Education and Assistance Fund

1994 NASA Langley Aerospace Research Summer Scholars (LARSS) Fellowship

1994 Arts and Sciences Research Grant, University of Virginia

1990 Orrel Fellowship for top history and writing ability in a Virginia public school

1990 Time Magazine Century III Leadership Scholarship

Book Projects

Mephistopheles on Mauna Loa: The Role of the Volcano in Climate Change. This book examines the role of the volcano in the haunted landscapes and global connections of the Anthropocene. The prehistoric and modern western roles of the volcano in conceptions of climate and technology are used to query the role of the past in conceptions of the future.

Personal Narratives of the Equinoctal. This book merges climate fiction, non-fiction, ethnography, and memoir to explore senses of place and belonging in contexts of radical environmental change.

PUBLICATIONS

Refereed Journal Articles

- 2016 [‘The cultural nature of tephra: ‘Problematic’ ecofacts and artifacts and the Barú volcano, Panamá’](#), *Quaternary International*, 394, 133-51.
- 2010 [‘Placing immateriality: Situating the material of highland Chiriquí’](#). *Internet Archaeology* 28.
- 2003 ‘The Hector Backbone: A quiescent landscape of conflict,’ with Delle, J., P. Heaton, J. Boyle, T. Cuddy, K. Holmberg, J. Six, M. Smith, N. Thomas, and K. Wehner in *Historical Archaeology*, vol. 37 (3): 93-110.
- 2003 ‘Analyzing the settlement pattern of the Burnt Hill Study Area’ with K. Wehner. *Northeast Historical Archaeology* 32. Special Issue: GIS in Historical Archaeology: A Case Study from Central New York, Edited by J. Delle and P. Heaton: 57-78.

Refereed Book Chapters

- In prep.* ‘Contemporary resonance and archaeological relevance: the past and future of archaeology’, in Felix Riede, Payson Sheets, and Sarah Taylor (eds.), *Catastrophes in Context: An Archaeological Perspective*: Berghahn Books.
- In prep.* From myth to science: Merapi and the local ‘disaster culture’, in Ralf Gertisser, et al. (eds.), *Merapi* (series: Active Volcanoes of the World): International Association of Volcanology and Chemistry of the Earth’s Interior (IAVCEI).
- 2013 [‘An inheritance of loss: archaeology’s imagination of disaster’](#), in *Humans and the Environment: New Archaeological Perspectives for the 21st Century*. Edited by M. Davis and F. Nkirete. Oxford, UK: Oxford University Press: 197-209.
- 2013 [‘The sound of sulfur and smell of lightning: sensing the volcano,’](#) in *Making Senses of the Past: Toward a Sensory Archaeology*, Center for Archaeological Investigations Occasional Paper No. 40. Edited by Jo Day. Carbondale: Southern Illinois University: 49-68.
- 2007 [‘Beyond the catastrophe: The volcanic landscape of Barú, western Panamá,’](#) in *Living Under the Shadow: Cultural Impacts of Volcanic Eruptions*, One World Archaeology Series. Edited by J. Grattan and R. Torrence. Walnut Creek, CA: Left Coast Press: 274-297.
- 2006 ‘Perceptions of landscapes in uncertain times: Chunchucmil, Yucatán, Mexico and the Volcán Barú, Panamá,’ with Stanton, T. and S. Hutson in *Space and Spatial Analysis in Archaeology*. Edited by D. Fernandez. Calgary: University of Calgary Press: 15-27.
- 2005 [‘The voices of stones: unthinkable materiality in the volcanic context of Western Panamá,’](#) in *Archaeologies of Materiality*. Edited by L. Meskell. Oxford: Blackwell Publishing: 190-211.

Book Reviews

- 2011 Review of *Indigenous Peoples and the Collaborative Stewardship of Nature: Knowledge Binds and Institutional Conflicts*, edited by A. Ross et al., 2011, *Anthropological Quarterly*, 84 (4), 1043-46.
- 2011 Review of *Volcano & Geothermal Tourism: Sustainable Geo-resources for Leisure and Recreation*, edited by P. Erfurt-Cooper and M. Cooper, London, Earthscan, 2010, *Journal of Heritage Tourism*, 6 (3), 259-60.
- 2010 [Review of *Body and Image. Explorations in Landscape Phenomenology 2*](#) by C. Tilley, 2008, *Cambridge Archaeological Journal*, 20 (2), 286-7.
- 2010 Review of *Archaeologies of Placemaking: Monuments, Memories, and Engagement in Native North America*, edited by P. Rubertone, 2008, *Journal of Anthropological Research*, 66, 300-01.

Web-based and other publications

- 2016 [Savage Minds](#). Invited guest blog author (multiple posts).

- 2016 [Obsidian in Chiriquí](#), Panamá. *Internat'l Association for Obsidian Studies (IAOS) Bulletin*, 54. 3-4.
- 2015 [Copses of Corpses](#): Uneasy synecdoche and nonhuman suffering of climate change. *EnviroSociety*. 23 December. Invited response to the United Nations Climate Change Conference (COP21).
- 2015 [Plastic thoughts on disasters: the People's Climate March and the shores of Krakatau](#). *Anthropology News (American Anthropological Association)*. March 56 [03].

Arts-science collaborations or publications

- 2018 'Imaginary Explosions'. Collaborative episodic film with artist Caitlin Berrigan.
- 2017 'The future of the environment: a meditation on imagery, lightning, and squid', [We Need to Talk...](#) Artists and the Public Respond to the Present Conditions in America. Petzel Gallery and Hatje Cantz, Berlin.
- 2015 [Serendipity/Serendipia](#). Exhibition book for the EstudioNuboso Arte y Ciencia LAB.
- 2015 [Estudio Nuboso, Lab de Arte y Ciencia](#). Invited facilitator. Panamá. October 19-24.
- 2015 'The Sidaorjo mud flow (LUSI): an Anthro-Obscene meditation'. Verbal Supply Company, An Audible Writers' Collective. '[The Spirit of Earth Day](#)' [starting at 13:00 min.], May 9.
- 2015 *Regeneratrix*. Collaboration with Keith Edmier. Research and creative collaboration. Petzel Gallery, 456 West 18th Street, New York. May.
- 2013 *Adonaís*. Collaborative piece with Keith Edmier in the show '[Better Homes](#)', curated by Ruba Katrib. SculptureCenter, Long Island City. April 22-July 22.
- 2013 *Penn Station Ciborium*. Show '[Empire State](#)' curated by Sir Norman Rosenthal and Alex Gartenfeld. Conceptual and research collaboration, material sourcing with Keith Edmier. Palazzo delle Esposizioni, Rome. April 23-July 21.
- 2010-3 [Hand-held lava](#). Commissioned performative event engaging scientific and artistic vantages on volcanoes with Glasgow-based artist Ilana Halperin and Edinburgh-based curator Andrew Patrizio. Funded by the Triple Canopy initiative, 177 Livingston, Brooklyn, NY. Oct 8. Re-performed at the Cell Project Space (London) on Dec 2, 2010, Centre for Contemporary Arts, Glasgow Dec 14, 2010. The Turner Contemporary (Margate, UK) on May 7, 2011. The Ernst Schering Foundation (Berlin) on March 12, 2012. ATLAS Arts, The Isle of Skye, Scotland on May 18, 2013.
- 2010 [Thoughts on a volcano](#), with artwork by Ilana Halperin. *Watershed: Brown and RISD's Journal of Environment and Culture*, 16-23.
- 2012 Roden Crater: allowed rare access to visit, photograph, and write about James Turrell's cinder cone work in progress. March 19-30.
- 2011 *Nuclear winter/Volcanic winter*. Sculpture created in collaboration with artist Keith Edmier and displayed as part of NYC Fashion Week. Feb 12.
- 2010 '[Stop-Motion](#)' show. Collaborative gallery show invoking archaeology and volcanology, with artists Keith Edmier and Allan McCollum. Friedrich Petzel Gallery, 535 W. 22nd St, New York, NY. Provided conceptual collaboration for the piece *Adonaís* (including casting of my heart in basalt) and essay for the show. Sept 9- Oct 23.
- 2009 [A Brief History of Mobile Landmass](#). Essay from fieldwork in Montserrat, West Indies incorporated into an audio narrative by Ilana Halperin to explore the relationship of geological phenomena and daily life. Recorded at the Manchester Museum on Sept 4 and used as part of the Portscapes art series at Maasvlakte, Rotterdam. [ongoing].
- 2009 *The Third Rift*. Conceptual collaboration for a large sculpture invoking the Terceira Rift Zone of the Azores for display in Lisbon, Portugal. August.

- 2009 *Cycas apotropaica apotropaico*. Essay written to accompany an artwork by Keith Edmier in the group show 'Slough', curated by Steve DiBenedetto, at the David Nolan Gallery. 527 West 29th Street, New York. May 28-June 27.
- 2009 *An Infernal Dinner Party*. Essay displayed with artwork by Ilana Halperin for the show *Physical Geology (slow time)*, curated by Joseph del Pesco, Meredith Johnson, and Raimundas Malasauskas, at the Artist's Space. 38 Greene Street, New York, NY. April 9-June 6.
- 2008 *An Infernal Dinner Party*. Commissioned preface to the book *Physical Geology/Alchemy Project* by artist Ilana Halperin. Manchester Museum, Manchester, UK.

Exhibit participation or other popular outreach

- 2019 Inaugural exhibit [*name TBD*], Chaiten Site Museum. Patagonia, Chile. May 5.
- 2018 'Collapse: Climate, Cities, and Culture', Global Design NYU. June 5-29.
- 2018 Field Re-Mediations, The Cybernetics Library. The Queens Museum, New York. May 6.
- 2017 Commentator for National Geographic Explorer television on lava-ice interactions in Antarctica and the broader context of volcanoes and climate change. Air date: June 13

Event or symposium organization

- 2018 Co-convener of the symposium, 'Gateways to different perceptions and engagements of volcanoes: the role of art/science collaborations' at the Cities on Volcanoes 10 conference. Naples, Italy. Sept 2-7.
- 2018 Co-convener of the symposium, 'Eruption forecasts and warnings at long-quiescent volcanoes: what do the public believe?' [and associated one-day post-conference workshop, Sept 8] at the Cities on Volcanoes 10 conference. Naples, Italy. Sept 2-7.
- 2018 'Decolonizing the Anthropocene', Institute for Public Knowledge, NYU. Oct 19.
- 2017 [Science & Climate Change](#): A Series of Events in Celebration of the Marches (March for Science, People's Climate March). April 20-29. Dupont Underground, Washington, D.C.
- 2016 [The Anthropologist](#) (2015) documentary screening and discussion with Susie Crate in the Chesapeake Bay community of Mathews County, Virginia, one of the locations where climate change scenes were filmed. March 18.
- 2015 *Estudio Nuboso/Lab de Arte y Ciencia* art-sciences collaboration. Panamá. Oct 19-24.
- 2015 New York University, Theoretical Archaeology Group, [Archaeology of the Future](#) session organizer, which incorporated archaeologists, artists, contemporary dancers, and historians of science. May 22-24.
- 2009 Brown University, JIAAW, [Terra Mobilis: Fire and Ice](#) Transdisciplinary Colloquium that brought philosophers, geographers, ethnographers, archaeologists, and artists into dialogue about changing climates as exemplified by volcanoes and glaciers. Dec 4-6.

INVITED TALKS

- 2018 [title TBD]. Catastrophes in Context: An Archaeological Perspective. Aarhus, Denmark. Oct 10-12.
- 2018 'Patagonian rock art, lunar mapping, the devil, and the Keeling Curve: A lecture about volcanoes and why it's not time to hide in a cave!' [Taste of Science Festival](#), New York. April 22-28.
- 2018 'The Future of the Environment: An Archaeological Meditation on Imagery'. *Being in Two Places at Once: Art, Apparatus, and the Geopolitics of Spatial Representation* colloquium. NYU Tisch School of the Arts. March 20.

- 2018 *Keynote speaker*: 'The Volcano: an object of charisma and pleasure in an age of environmental anxiety (and where that leaves scientists)' at the [Volcanic Impacts on Climate and Society \(VICS\)](#) meeting, sponsored by [PAGES](#). Tucson, Arizona. Jan 12-14
- 2017 Presenter and moderator of [Music X Science](#) in partnership with the March for Science through the A/P/A Climate Working Group. Dupont Underground, Washington DC. April 22.
- 2017 'Imaging and imagining multispecies Earth vs a multi-planet species', a moderated discussion with Gavin Schmidt (NASA-GISS). Alchemist's Kitchen, New York. February 25.
- 2017 'The future of the environment: An archaeological meditation on imagination.' Petzel Gallery, New York. Feb 4.
- 2016 'Urban landscapes: subversive natures' (on site at the Westbeth Center for the Arts and through the streets of New York) for the Urban Greening Lab. Oct 20.
- 2016 'Creative sympathy and climate change, from Frankenstein to Chtulhu', part of the panel 'A Year Without Summer'. Rauschenberg Art Gallery, Ft. Myers, Florida. Oct 8.
- 2016 'The Collect Pond: nature that refuses to die' (on site), part of the BIG WALK organized by the Gallatin Design Collective and the Urban Democracy Lab.
- 2016 'The design of a volcano: a less civilized archaeology' (PechaKucha). ENVISION: Nature and Design, hosted by Global Design at Gallatin, NYU. Feb 5.
- 2015 'Serendipity in art and science', Estudio Nuboso/Lab de Arte y Ciencia (an arts-sciences collaboration). Invited facilitator. Panamá. October 19-24, 2015.
- 2015 'The Sidaorjo mud flow (LUSI): an Anthro-Obscene meditation', Verbal Supply Company, An Audible Writers' Collective. May 9.
- 2014 'Perceptions of nature and disaster: Frankenstein, Fukushima, and the archaeology of the future'. New York University, Environmental Studies, Faculty Presentation. Oct 30.
- 2014 'The Science of Environment & Climate Change, an interdisciplinary panel' (invited panel participant). Ligo Project: connecting science and art. Open Source Gallery, Brooklyn, NY. Sept 28.
- 2013 'Doing archaeology in the Anthropocene'. Invited lecture to the Interpretations of Culture class, Columbia University. March 13.
- 2011 'Frankenstein in Chernobyl: The present imperfect of climate change'. Invited lecture for the Social Ecology colloquium, Stanford University. Feb 4.
- 2011 'Diseased nature often breaks forth: risk and radical reversals'. Invited colloquium seminar for the Methods of Analysis in the Social Sciences Program, Stanford University. Jan 14.
- 2010 'Excavating the idea of Pompeii'. Invited public lecture to accompany the art exhibit 'Volcano' curated by James Hamilton and exhibited July 24-October 31. Compton Verney, Warwickshire, UK. Oct 2.
- 2010 'Cryptic tephras and invented volcanoes: the archaeology of a volcano in western Panamá'. University of Rhode Island Graduate School of Oceanography. April 22.
- 2004 'Proyecto Volcán Barú: prehistoric landscapes and volcanism in western Panamá.' Fulbright Enhancement Seminar for Central American scholars, Panama City. June 7-11.

CONFERENCE PARTICIPATION

- 2018 'Mephistopheles on Mauna Loa' at the Right Uses of the Earth conference. Ecole Normale Supérieure. Paris, France. May 29-June 1.
- 2018 'Acts of nature and culture: caves, performance, and transformation', in the session 'Performing in the shadows: ritual production in caves and rock shelters'. 83rd Annual Society for American Archaeology meeting. Washington, D.C. April 11-15.
- 2017 Archaeological Volcanology Forum, invited discussant. 82nd Annual Society for American Archaeology 82nd meeting. March 29-April 2.

- 2016 '3.7 million years and counting (?): The art and science of volcano observation and changing climates'. Cities on Volcanoes 9. Puerto Varas, Chile. Nov 20-25.
- 2016 'Quantifying populations in proximity to potentially active volcanoes', with C. Small (LDEO). Cities on Volcanoes. Puerto Varas, Chile. Nov 20-25.
- 2016 'Mapping decades of development in volcanic zones: Night lights vs. land use', with C. Small (LDEO). Cities on Volcanoes. Puerto Varas, Chile. Nov 20-25.
- 2016 'Let's talk about the weather: Imaging, imagining, and merging the aurora borealis, volcanic lightning, and giant squid in an age of uncanny anxiety'. Royal Anthropological Institute, Anthropology, Weather, and Climate Change conference. British Museum. May 27-29.
- 2015 'People and volcanoes: How many and how close?' with C. Small (LDEO). Advances in Remote Sensing of Natural Hazards, American Geophysical Union meeting. San Francisco. Dec 12-16.
- 2015 'Future tense, past imperfect: Ode to the tenacity of plastic gyres and radioactivity'. Theoretical Archaeology Group (TAG-USA) meeting, New York University. May 22-24.
- 2015 'The vast and secret museum of Chiriqui: Stripping the sharpness and beauty from obsidian'. 80th Annual Society for American Archaeology. San Francisco. April 15-19.
- 2014 'Eruptions that never happened: situating the apocryphal volcanic events of Merapi, Java in 1006 AD and the Volcan Baru, Panama in 1882'. Cities on Volcanoes 8 conference. Yogyakarta, Indonesia. Sept 9-13.
- 2014 'Cryptic tephras: the presence and absence of volcanic events from archaeological stratigraphy at the Volcan Baru, Panama. Cities on Volcanoes 8 conference'. Yogyakarta, Indonesia. Sept 9-13.
- 2010 'The taming of the volcano and conquering of climate'. History of Science Society meeting. Montreal. Nov 4-7.
- 2010 'Vomiting lobsters, burning fields, and a diversity of phenomena: merging our ideas of the past, the volcano, and the artistic process'. Cities on Volcanoes 6 conference. Tenerife, Spain. May 31-June 4.
- 2010 'Revoluting objects, de-scribing disasters, and exceptional events in pre-Columbian volcanic landscapes'. Cities on Volcanoes 6 conference. Tenerife, Spain. May 31-June 4.
- 2010 'The Entangled landscape: volcanism, archaeology, and ecotourism'. Cities on Volcanoes 6 conference. Tenerife. May 31-June 4.
- 2010 'A heritage of loss and imagination'. 75th Annual Society for American Archaeology conference. St. Louis. April 14-18.
- 2010 'The sound of sulfur and smell of lighting: sensing the volcano'. 27th Annual Visiting Scholar Conference. Carbondale, Illinois. March 26-27.
- 2008 'An inheritance of loss: archaeology and disaster'. 6th World Archaeological Congress. Dublin. June 29-July 4.
- 2007 'Curiouser cabinets: collections of heritage and material culture in highland Panamá'. 40th Annual Society of Historical Archaeology meeting. Williamsburg, Virginia. Jan 10-14.
- 2006 'Cambios en las interpretaciones de la historia eruptivo del Volcán Barú y su impacto en las ocupaciones humanas del pasado'. IV Congreso de Arqueología en Colombia. Pereira, Colombia. Dec 5-7.
- 2006 'The transformative volcano: changes in interpretations of the Volcán Barú's prehistoric eruptive history and its impact'. 71st Annual Meeting of the Society for American Archaeology. San Juan, Puerto Rico. April 26-30.
- 2004 'Materiality vs. the volcano: The Volcán Barú, Panamá'. Materiality workshop, School of American Research, Santa Fe. March 4-7.
- 2003 'The social context of a volcano: Volcán Barú, Panamá'. World Archaeology Congress 5, Washington, D.C. June 21-26.

TEACHING EXPERIENCE

New York University

Invited lectures for the Urban Greening Lab, 2016-17

Stanford University

Risky Environments: The Nature of Disaster, spring 2011

Nature, Culture, Heritage, spring 2011

Brown University

Archaeology under the Volcano, spring 2010

The Nature and Culture of Disaster, fall 2009

Universidad Autónoma de Chiriquí (UNACHI), Panamá

Visión Arqueológica de Boquete para el Turismo (Archaeology and Tourism), summer 2005

Lehman College (City University of New York)

Ancient Peoples and Cultures, fall 2003

Fordham University

Introduction to Archaeology, spring 2003

New York University

Rise of Civilization, summer 2002

Columbia University

Rise of Civilization, TA, spring 2000

Interpretations of Culture, TA, fall 1998

FIELD & RESEARCH EXPERIENCE

- 2018 **Principal Investigator**, National Geographic funded project, 'The Vilcún caves and volcanic landscape of Chaitén, Chile: a transdisciplinary conservation study of coastal Patagonian archaeology and geoheritage' (NGS-185C-18).
- 2015 **Principal Investigator**, site visit to view flood destruction and discuss volcanic hazards planning with local community members and students, Boquete, Chiriquí, Panamá.
- 2010 **Co-Principal Investigator**, excavations of the Moku'ula royal-sacred site on Maui, Hawaii as part of the Ka I'imi 'ike Program for heritage and restoration.
- 2009 **Ethnographic Participant**, *Akademik Ioffe* research and ecotourism vessel, Antarctic Peninsula.
- 2007 **Ethnographic Participant**, *Projeto Bagagem* project in sustainable development, reforestation, and ecotourism in the Brazilian Amazon through the NGO *Saude y Alegria*.
- 2005 **Lab Analyst**, petrography analysis of tephra samples from western Panamá in the geology lab at Northern Arizona University under the direction of Michael Ort.
- 2005 **Lab Analyst**, ceramics and lithics from Proyecto Volcán Barú, Boquete, Chiriqui, Panamá.
- 2004 **Principal Investigator**, Proyecto Volcán Barú. Boquete, Chiriquí, Panamá. Archaeological survey and ethnographic research.
- 2001 **Principal Investigator**, ground-truthing of Landsat7 satellite overpass in Volcán Barú area, western Panamá to determine land cover change.
- 2000 **Principal Investigator**, field survey of the Volcán Barú area, western Panamá.
- 1999 **Field Supervisor**, University of Texas San Antonio Archaeological Field School, Belize. Late Classic Maya excavation, PI: Fred Valdez.
- 1998 **Ethnographic Researcher**, Ceren, El Salvador. Study of agrarian households in three rural villages near the Ceren archaeology site with Sarah Barber.
- 1997 **Field Excavator**, Garua, Papua New Guinea. Australian Museum survey and excavation of

- 6,000 BP habitation sites, artifact processing. PI: Robin Torrence.
- 1997 **Lab Assistant**, Australian Museum, Sydney, Australia. Processed obsidian artifacts from Garua, Papua New Guinea. PI: Robin Torrence.
- 1996 **Lab Assistant**, American School. Athens, Greece. Database entry, site survey, physical anthropological analysis of Mycenaen skeletal remains. PI: John Camp.
- 1995 **Lab Assistant**, American Museum of Natural History, New York, NY. Artifact processing from St. Catherine's Spanish Mission, PI: David Hurst Thomas.
- 1994 **Lab Assistant**, Gray & Pape Cultural Resource Management Firm, Richmond, VA. Established type collection for Richmond Flood Wall ceramics assemblage.
- 1994 **Research Fellow and Excavation Coordinator**, Historic Preservation of NASA Langley property in Hampton, VA in accordance with federal law.
- 1994 **Field Excavator**, Louisa County, VA. Lesser Dabney House. PI: James Deetz.
- 1992 Lab Researcher, Cincinnati, Ohio. X-ray diffraction and hydrochloric acid testing used to analyze mineralogical content of daub remains from Cuello, Belize.
- 1992 **Field School Student**, Cuello and La Milpa, Belize. lab analysis, artifact conservation, site survey, botanical flotation. PI: Norman Hammond.
- 1990 **Field School Student**, Monticello, Charlottesville, Virginia. PI: Barbara Heath, Bill Kelso.

PROFESSIONAL SERVICE

Journal Review

Advances in Volcanology

American Anthropologist

Anthropological Quarterly

Cambridge Archaeological Journal

Canto Rodado

Human Organization

Journal of Anthropological Research

Journal of Applied Volcanology

Journal of Heritage Tourism

Journal of Social Archaeology

Quaternary International

Volcanica

World Archaeology

Grant Review

National Science Foundation

Book Manuscript Review

Aarhus University Press

LANGUAGES

Spanish (conversational and research capability), *Portuguese* (conversational and research capability),

French (research capability), German (research capability)

PROFESSIONAL MEMBERSHIPS

American Anthropological Association, American Geophysical Union, History of Science Society, International Association of Volcanology and Chemistry of the Earth's Interior, Register of Professional Archaeologists, Society for American Archaeology, Society for Historical Archaeology