

Marc Kissel
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EDUCATION

Ph.D. University of Wisconsin-Madison. 2014 Dissertation title: *Culture-Genetic Models of Information Exchange amongst Pleistocene Humans: Integrating Genetic, Skeletal and Archaeological Data*. Dissertation director: John Hawks

M.S. Anthropology, University of Wisconsin-Madison 2005

B.A. Anthropology, New York University, 2002

PROFESSIONAL APPOINTMENTS

Lecturer in Anthropology at Appalachian State University, 2017-current

Postdoctoral Researcher at the University of Notre Dame, 2014-2017

Lecturer in Anthropology at University of Wisconsin-Fox Valley, 2011-2014

PUBLICATIONS

Books

2018 Kim, N. and Kissel, M. *Warfare in our Evolutionary Past*. Routledge.

Refereed Articles

In press. Oka, R.; Kissel, M.; Golitko, M.; Kim, N; Fuentes, A; Sheridan, S. Population as the main driver of armed group size and conflict casualties. In review at *PNAS*

2017. Kissel, M. What can anthropology say about the evolution of human wisdom? The role of symbolic thought in human evolution. In *The Evolution of Human Wisdom*, edited by Celia Deane-Drummond. Lexington Press. 25-46

2017. Kissel, M. and Fuentes, A. A Database of Archaeological Evidence for Representational Behavior. *Evolutionary Anthropology* 26:149-150

2017. Kissel, M. Symbolic Culture. In the *Encyclopedia of Evolutionary Psychological Science* doi:10.1007/978-3-319-16999-6_3318-1
2017. Fuentes, A., Kissel, M., Oka, R., Sheridan, S., Kim, N., & Piscitelli, M. The CLASH model lacks evolutionary and archeological support. *Behavioral and Brain Sciences*, 40. doi:10.1017/S0140525X16001023
2017. Fuentes, A., Kissel, M., Peterson, J. Semiose in der Evolution von Primaten und Menschen. In *Geschaffen nach ihrer Art Was unterscheidet Tiere und Menschen?*, edited Ulrich Beuttler, Hansjörg Hemminger, Markus Mühling and Martin Rothgangel. Peter Lang.
2017. Kissel, M. and Fuentes, A. Semiosis in the Pleistocene. *Cambridge Archaeological Journal*, 27: 397-412
2016. Kissel, M. and Fuentes, A. From hominid to human: the role of human wisdom and distinctiveness in the evolution of modern humans. *Philosophy, Theology and the Sciences* 3:217-244
2016. Fuentes, A. and Kissel M. Human evolutionary history and contemporary evolutionary theory provide insight when assessing Cultural Group Selection. *Behavioral and Brain Sciences* 39:25-26 (doi:10.1017/S0140525X15000102, e37)
- 2015 Kissel, M. and Hawks, J. What are the Lothagam and Tabarin mandibles? *PaleoAnthropology* 2015:37-43.

Manuscripts in Review

Kissel, M. Waves of Influence and the Influence of Waves: How American Biogeographers influenced how we speak about migration. In Review at *American Anthropologist*

Non-peer reviewed publications

2017 “How Culture Allows for War and Peace” Sapiens Blog post co-written with Nam Kim (<https://www.sapiens.org/debate/archaeology-war/>)

2016 “World Prehistory” Entry in *The World Almanac* 2017

AWARDS AND HONORS

- 2014 “Meritorious” teaching rank at UW-Fox Valley
- 2013 Best Student paper award from the Biological Anthropology Section of the American Anthropological Association
- 2012 Rank of “Meritorious” by UW-Fox Valley Evaluation Committee and UW-Colleges Anthropology Department;
Nominated for “Teacher of the Year” by UW-Fox students
- 2009 “Honored Instructor” by the students of University Housing at University of Wisconsin-Madison

RESEARCH GRANTS

- 2015 Paleoanthropology Society Grant
- 2014 Pollitzer Travel Award, American Association of Physical anthropologists
Vilas Award Grant
- 2013 Vilas Award
Professional Development grant, University of Wisconsin-Fox Valley
- 2013 Pollitzer Travel Award,
Professional Development grant, University of Wisconsin-Fox Valley
- 2010 Travel Grant, University of Wisconsin-Madison
- 2008 Paleoanthropology Society Grant

INVITED TALKS

- 2017: “March Mammal Madness – Twitter as a Tool for Teaching and Outreach.” Social Media in Academia: Research, Teaching, and Outreach. University of Notre Dame
- 2017: “How Did Hominins Become Human?” Dean’s Lecture in the Humanities. University of North Carolina, Wilmington
- 2017: HAI Advanced Symposium: Humility, Wisdom, and Grace in Deep Time: A Conversation between Theology and Evolutionary Anthropology on symbolic thought, Stellenbosch, South Africa
- 2015: “What does it mean to be human-How can we use paleoanthropological data to better understand the origins of modern human behavior?” Durham University, UK
- 2014: “Neandertals and their contemporaries” Invited lecture for Loyola University
- 2013: “Who were the Neandertals?” Invited lecture for the University of Wisconsin-Oshkosh

CONFERENCE ACTIVITY AND PRESENTATIONS

Papers Presented

- 2017 Kissel, M. Panel discussion on “Teaching Anthropology in Red States.” Presented at 116th Annual Meeting of the American Anthropological Association. Washington, DC.

Kissel, M. What role can anthropology play in understanding human wisdom? Invited talk for Wisdom’s Deep Evolution. London, U.K.

Kissel, M. Semiosis on the Pleistocene Scene. Invited talk for Southeastern Evolutionary Perspectives Society. Tuscaloosa, AL

Kissel, M. “How do Paleoanthropologists use culture history?” Invited talked for the 86th meeting of the Society for American Archaeology. Vancouver, BC.

- 2016 Kissel, M. The role of symbolic thought in human evolution. The Evolution of Human Wisdom Conference. Durham, U.K.

Kissel, M and Fuentes, A. Niche expansion and the process of becoming human: using the Extended Evolutionary Synthesis to model the origins of modern human behavior. 85th Annual Meeting of the American Association of Physical Anthropology. Atlanta, GA

- 2015 Kissel, M. The role of symbolic thought in human origins. Calpe Conference at the University of Gibraltar, Gibraltar

Kissel, M. Hominins and humans: the process of becoming human. 5th Annual Meeting of the European Society for the Study of Human Evolution. London, UK.

Kissel, M. Paleoanthropological approaches to the study of modern human behavior. Evolution of Human Wisdom working group. Notre Dame, IN

Kissel, M. What does it mean to be human? Theoretical Archaeology Group. New York, NY

Kissel, M and Fuentes, A. The evolution of the human niche: assessing and describing the development of complex decision-making in the Pleistocene through an open-access, comparative database. 84th Annual Meeting of the American Association of Physical Anthropology. St. Louis, MO

- 2014 Kissel, M. Unmuddying the Infamous “Muddle in the Middle.” 113th Annual Meeting of the American Anthropological Association. Chicago, IL

Piscitelli, M. and Kissel, M. Evidence of Interpersonal Violence in Pleistocene

Populations: Introducing a New Skeletal Database of Modern Humans to Test Theories on the Origins of Warfare. 80th Annual Meeting of the Society for American Archaeology. Austin, Tx

Kissel, M. Explaining the effective size of modern humans: integrating genetic, skeletal and archaeological data. Annual meeting of the Paleoanthropology Society Annual Meeting, Calgary, Canada

2013. Kissel M. Testing Genetic Models of Human Evolutionary History against the Anthropological Record. 112th Annual Meeting of the American Anthropological Association. Chicago, IL

Kissel, M. and Hawks, J. Culture-Genetic models of information exchange among Pleistocene human populations. 83rd Annual Meeting of the American Association of Physical Anthropology. Knoxville, TN

2012. Kissel, M. and Hawks, J. Evaluating genetic models of human evolution through archaeological data: An information theory approach 79th Annual Meeting of the Society for American Archaeology Annual Meeting. Memphis, TN

- 2011 Kissel, M. Testing Selection and Drift in Neandertal populations. 82nd Annual Meeting of the American Association of Physical Anthropology meetings in Minneapolis, MN

Kissel, M. and Hawks, J. Lithic technologies and information transfer among early human groups in the Middle Pleistocene. Annual meeting of the Paleoanthropology Society Annual Meeting. Minneapolis, MN

- 2011 Kissel, M. *Homo helmei* and the Mode Three Hypothesis. 78th Annual Meeting of the Society for American Archaeology Annual Meeting. San Francisco, CA

2010. Kissel, M. Statistical analysis demonstrating the species distinctions of the Lothagam and Tabarin mandibles. 81st Annual Meeting of the American Association of Physical Anthropology

CAMPUS AND DEPARTMENTAL TALKS

- 2017 “How did our ancestors become human?” Appalachian State University Religious Studies Club

- 2016 “Neandertals and You” University of Notre Dame Brown Bag Lecture series

“The Human Wisdom Project” University of Notre Dame

- 2015 “Paleoanthropology and the Current Status of the Hominin and Human Fossil Record”

Human Distinctiveness Summer Seminar, Notre Dame

2014 “Everything you wanted to know about Neandertals but were afraid to ask” University of Wisconsin-Madison

“Genetic and archaeological models for Middle Pleistocene speciation.” University of Wisconsin-Madison Archaeology Brown Bag

“What can biological anthropology tell us about the nature of human aggression?” Invited lecture for *The Archaeology of Violence*,

2012 “Archaeology of the Middle Ages.” Invited lecture for *France and the Middle Ages*. UW-Fox Valley.

2011 “Evolution of the genus *Homo*” University of Wisconsin-Madison

TEACHING EXPERIENCE

2017-: Appalachian State University
Our Primate Heritage
Gender, Race, and Class

2016-2017: University of Notre Dame
Human Evolution: Violence and Virtues
Fundamentals of Biological Anthropology
Learning R for Statistical Computing

2011-2014: UW-Fox Valley
Introduction to Physical Anthropology
Introduction to World Prehistory
Archaeology of North America
Archaeology of Wisconsin
Human Skeletal Anatomy

2014: Lakeland College
Introduction to Anthropology

2013: Ripon College
Human Origins

2004-2010: UW-Madison
Instructor: Principles of Biological Anthropology
Teaching Assistant: Introduction to Anthropology, Principles of Biological Anthropology, Principles of Archaeology

Archaeological Field Work

2009-2014: Wisconsin. Archaeological work throughout the state working as a project manager for 2 CRM firms.

2008 Vogelherd Cave, Germany.

2004 Jonzac, France.

2003 Cueva Negra, Spain.

2001 Walpack, New Jersey.

SKILLS/EXPERTISE

Faunal analysis; human osteology; computer programming in R, Python, and SQL; multivariate statistical analysis; history of anthropology; hunter-gatherers; population genetic; social network analysis.

PEER REVIEW

National Geographic Grant review
Quaternary International
American Anthropologist
Philosophy and Technology

DEPARTMENTAL AND PROFESSIONAL SERVICE

W.W. Howells Book Award Committee Member (2017-current)

Member at Large, Biological Anthropology Section of the American Anthropological Association (2017-current)

Curriculum Committee, University of Wisconsin Colleges (2013-2015)

Student Accessibility Service Advisory Committee, University of Wisconsin Colleges (2013-2015)

Professional Development Committee for the University of Wisconsin Colleges Anthropology department (2012-2015)

OUTREACH

Global Scholar in Residence at Holy Innocents' Episcopal School in Atlanta 2017-2018

- Mission of the Global Scholar in Residence is to create opportunities to develop a global mindset among students and faculty through study and reflection about important global issues brought to light by a noted artist, speaker or practitioner
- Preparing and working with faculty and students to integrate human evolution and anthropology into the curriculum and giving keynote address to the school in April 2018

March Mammals Madness 2017-current

- Help to write narratives and outreach for simulated event that helps to spread scientific knowledge and awareness for animal conservation.

BioAnthropology News Facebook Administrator

- Administrator for Facebook group with over 17,500 members

“Darwin Day” Coordinator University of Wisconsin (2008-2014)

- Outreach event for popularizing evolutionary sciences

“College for Kids”

- Students entering the 6th grade were exposed to archaeology and biological anthropology. Topics included examining the human skeleton, studying the early hominids, and learning how to make stone tools.

MEDIA INTERVIEWS AND COVERAGE

Inside Higher Ed (<https://www.insidehighered.com/news/2017/12/01/anthropologists-consider-challenges-teaching-red-state>)

StarTalk Radio (<https://www.startalkradio.net/show/makes-us-human-natalia-reagan/>)

Forbes Magazine (<https://www.forbes.com/sites/kristinakillgrove/2015/06/18/without-a-doubt-kennewick-man-was-native-american-anthropologists-say>)

PROFESSIONAL ASSOCIATION MEMBERSHIPS

2013-present: American Anthropological Association

2012-present: Certified Burial Specialist for the State of Wisconsin

2010-present: American Association of Physical Anthropologists

2007-present: Society for American Anthropology,

2007-present: Paleoanthropology Society

REFERENCES

Agustin Fuentes, Professor of Anthropology at University of Notre Dame

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Office Phone: 574-631-5547

Email: afuentes@nd.edu

John Hawks, Professor of Anthropology at UW-Madison

Office: 5321 Sewell Social Science Hall, 1180 Observatory Dr., University of Wisconsin, Madison, WI 53706

Office phone: (608) 262-8726

Email address: jhawks@wisc.edu

Tim Smith, Associate Professor of Anthropology at Appalachian State University

Office: 342 Anne Belk Hall, 224 Joyce Lawrence Lane Boone, NC 28608

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Nam Kim, Associate Professor of Anthropology at UW-Madison

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