

**Matthew E. Hill, Jr.**  
Curriculum Vitae as of May 12, 2021

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## EDUCATION AND PROFESSIONAL HISTORY

### Higher Education

- 2007      **PhD**, Anthropology, University of Arizona  
**Supporting Areas / Minor:** Geoscience  
**Thesis:** Causes of Regional and Temporal Variation in Paleoindian Diet in Western North American
- 1994      **MA**, Anthropology, University of Kansas
- 1990      **BA**, Archaeological Studies, Boston University

### Professional and Academic Positions

- 2014 - Present      **Associate Professor**, Anthropology, University of Iowa
- 2017      **Faculty Fellow**, Learning Design Collaboratory, University of Iowa
- 2011 - 2016      **Collaborator Assistant Professor**, Ecology, Evolution, & Organismal Biology, Iowa State University
- 2008 - 2014      **Assistant Professor**, Department of Anthropology, University of Iowa
- 2008      **Adjunct Assistant Professor**, Department of Anthropology, University of Iowa
- 2007      **Adjunct Instructor**, Department of Anthropology, University of Iowa
- 2003 - 2007      **Graduate Research Assistant, Arizona State Museum**, University of Arizona
- 2005 - 2006      **Graduate Research Assistant and Graduate Teaching Assistant**, Department of Anthropology, University of Arizona
- 2005      **Instructor**, Department of Anthropology, University of Arizona
- 2002 - 2003      **Assistant Project Director**, Statistical Research Inc.
- 2001 - 2002      **Principal Investigator and Cultural Resources Manager**, Environmental Planning Group
- 2001      **Visiting Research Assistant**, University of Arizona and University of the Philippines-Diliman
- 1999 - 2000      **Project Archaeologist and Laboratory Director**, URS (formerly Dames & Moore)
- 1997 - 1999      **Staff Archaeologist**, Dames & Moore
- 1997      **Archaeological Technician**, Archaeological Research Services, Inc.
- 1994 - 1997      **Graduate Research Assistant, Crew Chief, Archaeological Assistant, Laboratory Director**, Museum of Anthropology Office of Archaeological Research, University of Kansas
- 1991 - 1996      **Graduate Research Assistant and Graduate Teaching Assistant**, Department of Anthropology, University of Kansas
- 1994 - 1995      **Archaeologist I**, Kansas State Historical Society

### Honors and Awards

- 2011      **Collegiate Teaching Award**, University of Iowa, College of Liberal Arts & Sciences
- 2007      **Graduate Tuition Scholarship**, University of Arizona
- 2006      **Graduate Tuition Scholarship**, University of Arizona
- 1990      **Archaeology Department Award**, Boston University
- 1990      **Graduation with Distinction**, Boston University
- 1990      **Lubbock Lake Landmark Scholarship**

### Professional Memberships/Service

- Arizona Archaeological and Historical Society  
International Council for Archaeozoology  
Plains Anthropological Society  
Professional Archaeologists of Kansas  
Society for American Archaeology  
The Center For Global and Regional Environmental Research

2017 - 2024 Plains Anthropologists, Book Review Editor  
 2020 - 2021 International Union for Conservation of Nature (IUCN), American Section-Bison Specialists Group: Work Group Project, Member  
 2021 Kiva, Reviewer, Publications  
 2020 - 2021 National Science Foundation, Graduate Research Fellowship Program-Anthropology & Archaeology, Reviewer  
 2020 Nature Communications, Reviewer, Publications  
 2020 Journal of Archaeological Method and Theory, Reviewer, Publications  
 2020 Nature Communications, Reviewer, Publications  
 2020 Central Plains Archaeology, Reviewer, Publications  
 2020 Journal of Archaeological Method and Theory, Reviewer, Publications  
 2020 Nature Communications, Reviewer, Publications  
 2017 - 2020 Society for American Archaeology, Student Paper Awards Committee, Member  
 2020 Archaeological and Anthropological Sciences, Reviewer  
 2020 Nomination of Eileen Johnson for SAA's 2021 Fryxell Award for Interdisciplinary Research, Member  
 2020 Routledge Books, Reviewer  
 2020 International Journal of Osteoarchaeology, Reviewer, Publications  
 2019 Nature Communications, Reviewer, Publications  
 2019 Archaeological and Anthropological Sciences, Reviewer  
 2019 Archaeological and Anthropological Sciences, Reviewer  
 2019 PaleoAmerica, Reviewer, Publications  
 2019 North American Archaeologist, Reviewer, Publications  
 2019 Journal of Ethnobiology, Reviewer, Publications  
 2019 Geoarchaeology: An International Journal, Reviewer, Publications  
 2018 Pick Museum of Anthropology, Northern Illinois Univeristy, Consulted on museum display content  
 2018 Journal of Archaeological Science, Reviewer, Publications  
 2018 PaleoAmerica, Reviewer, Publications  
 2018 Journal of Archaeological Method and Theory, Reviewer, Publications  
 2018 Journal of Ethnobiology, Reviewer, Publications  
 2018 Geoarchaeology: An International Journal, Reviewer, Publications  
 2018 PaleoAmerica, Reviewer, Publications  
 2018 Nature Communications, Reviewer, Publications  
 2018 Nature Communications, Reviewer, Publications  
 2017 PaleoAmerica, Reviewer, Publications  
 2017 Archaeological and Anthropological Sciences, Reviewer  
 2017 Journal of Archaeological Science, Reviewer, Publications  
 2017 Quaternary Research, Reviewer, Publications  
 2017 Archaeological and Anthropological Sciences, Reviewer  
 2017 Quaternary Research, Reviewer, Publications  
 2016 PaleoAmerica, Reviewer, Publications  
 2016 Utah State University Department of Anthropology, Reviewer, Promotion and Tenure  
 2012 - 2016 The American Quaternary Association, Councilor  
 2015 PaleoAmerica, Reviewer, Publications  
 2015 American Antiquity, Reviewer, Publications  
 2015 Quaternary Research, Reviewer, Publications  
 2015 University of Utah Press, Reviewer, Publications  
 2013 - 2015 Plains Anthropological Society, Plains Anthropological Society Conference, Organizer  
 2012 - 2015 Plains Anthropological Society, Plains Anthropological Society, Board of Directors  
 2015 PaleoAmerica, Reviewer, Publications  
 2015 Leakey Foundation, Scientific Executive Committee, Reviewer, Grant Proposals  
 2015 Leakey Foundation, Scientific Executive Committee, Reviewer, Grant Proposals  
 2014 Journal of Archaeological Science, Reviewer, Publications  
 2014 Mojave National Preserve Science Newsletter, Reviewer, Publications  
 2014 National Geographic Committee for Research and Exploration, Reviewer, Grant Proposals

2014	PaleoAmerica, Reviewer, Publications
2014	The Holocene, Reviewer, Publications
2014	University Press of Colorado, Reviewer, Publications
2014	North American Archaeologist, Reviewer, Publications
2014	North American Archaeologist, Reviewer, Publications
2013	Center for the Study of the First Americans, Reviewer, Publications
2013	Journal of Archaeological Science, Reviewer, Publications
2013	Plains Anthropologist, Reviewer, Publications
2013	Quaternary International, Reviewer, Publications
2013	The Wisconsin Archaeologist, Reviewer, Publications
2012	American Anthropologist, Reviewer, Publications
2012	Before Farming, Reviewer, Publications
2012	Journal of Archaeological Science, Reviewer, Publications
2012	Journal of Human Evolution, Reviewer, Publications
2008 - 2012	Iowa Society of the Archaeological Institute of America, Officer, Secretary
2012	Quaternary International, Reviewer, Publications
2012	Quaternary International, Reviewer, Publications
2011	Journal of Archaeological Science, Reviewer, Publications
2011	University Press of Florida, Reviewer, Publications
2010	Diversity and Distributions, Reviewer, Publications
2010	Graduate Women in Science Fellowship Competition, volunteer fellowship committee and paper judge for Graduate Women in Science Fellowship Competition
2010	Journal of Archaeological Science, Reviewer, Publications
2010	Journal of Human Evolution, Reviewer, Publications
2010	University Press of Florida, Reviewer, Publications
2009	Journal of Human Evolution, Reviewer, Publications
2009	University of Wyoming's Five-Year Review of George C. Frison Institute of Archaeology and Anthropology, Reviewer
2008	Geoarchaeology, Reviewer, Publications
2008	Journal of Archaeological Science, Reviewer, Publications
2008	Journal of Ethnobiology, Reviewer, Publications
2008	Plains Anthropologist, Reviewer, Publications
2008	American Antiquity, Reviewer, Publications
2008	American Antiquity, Reviewer, Publications
2007	Journal of Quaternary Science, Reviewer, Publications
2007	Quaternary International, Reviewer, Publications
2005	Arctic, Antarctic, and Alpine Research, Reviewer, Publications
2005	Arizona Archaeological and Historical Society, Board of Directors
2005	International Journal of Osteoarchaeology, Reviewer, Publications
2002	Plains Anthropological Society, Member of Nomination Committee for Board of Directors

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## TEACHING

### Courses Taught at the University of Iowa

Term	Course#	Title	Enrollment
Spring 2021	ANTH:5001:1	Graduate Teaching Pro-Seminar	1
Spring 2021	ANTH:2261:0AAA	Human Impacts on the Environment	179
Spring 2021	ANTH:6005:1885	Independent Study: Anthropology	1
Spring 2021	ANTH:2290:1594	Practicum in Archaeology	1
Spring 2021	ANTH:6010:1884	Research Anthropology	1
Fall 2020	ANTH:5001:0001	Graduate Teaching Pro-Seminar	4
Fall 2020	ANTH:6005:0783	Independent Study: Anthropology	1
Fall 2020	ANTH:2290:9706	Practicum in Archaeology	1
Fall 2020	ANTH:6010:9445	Research Anthropology	1

Fall 2020	ANTH:1201:0AAA	World Archaeology	121
Spring 2020	ANTH:6005:7752	Independent Study: Anthropology	1
Spring 2020	ANTH:2290:7976	Practicum in Archaeology	1
Fall 2019	ANTH:6005:5422	Independent Study: Anthropology	1
Fall 2019	ANTH:3261:0001	Our Life With Dogs	18
Fall 2019	ANTH:2290:5128	Practicum in Archaeology	2
Spring 2019	ANTH:3265:0001	Archaeology of the Great Plains	7
Spring 2019	ANTH:4996:3066	Honors Research	1
Spring 2019	ANTH:3015:4447	Independent Study	1
Spring 2019	ANTH:2290:3366	Practicum in Archaeology	2
Fall 2018	ANTH:3015:2482	Independent Study	1
Fall 2018	ANTH:6005:1477	Independent Study: Anthropology	1
Fall 2018	ANTH:3260:0001	Pleistocene Peopling of the Americas	9
Fall 2018	ANTH:2290:1439	Practicum in Archaeology	2
Spring 2018	ANTH:2261:0AAA	Human Impacts on the Environment	200
Spring 2018	ANTH:2290:9625	Practicum in Archaeology	1
Spring 2018	ANTH:5201:0001	Seminar Archaeological Theory and Method	5
Spring 2018	ANTH:6015:9654	Thesis	1
Fall 2017	ANTH:1046:0001	Big Ideas: People and the Environment	59
Fall 2017	ANTH:1046:0002	Big Ideas: People and the Environment	20
Fall 2017	ANTH:1000:0001	First-Year Seminar	20
Fall 2017	ANTH:4996:6797	Honors Research	1
Fall 2017	HONR:3100:7385	Honors Teaching Practicum	1
Fall 2017	ANTH:6010:6206	Research Anthropology	2
Fall 2017	ANTH:1201:0AAA	World Archaeology	147
Spring 2017	ANTH:4996:4248	Honors Research	1
Spring 2017	ANTH:2261:0AAA	Human Impacts on the Environment	149
Spring 2017	ANTH:2290:5845	Practicum in Archaeology	1
Spring 2017	ANTH:6010:4363	Research Anthropology	2
Spring 2017	URP:3142:0001	Women's Health and the Environment	18
Spring 2017	URP:3142:1	Women's Health and the Environment	84
Spring 2017	ANTH:1201:0AAA	World Archaeology	127
Fall 2016	ANTH:1046:0001	Big Ideas: People and the Environment	59
Fall 2016	ANTH:1046:0002	Big Ideas: People and the Environment	19
Fall 2016	HONR:1300:0011	Honors First-Year Seminar	20
Fall 2016	ANTH:6005:2313	Independent Study: Anthropology	1
Fall 2016	ANTH:3260:0001	Pleistocene Peopling of the Americas	8
Fall 2016	ANTH:6010:2531	Research Anthropology	1
Spring 2016	ANTH:6005:0009	Independent Study: Anthropology	1
Spring 2016	ANTH:6010:0009	Research Anthropology	1
Fall 2015	ANTH:3265:0001	Archaeology of the Great Plains	8
Fall 2015	ANTH:1046:0001	People and the Environment	58
Fall 2015	ANTH:1046:0002	People and the Environment	16
Fall 2015	ANTH:6010:0009	Research Anthropology	1
Summer 2015	ANTH:6005:0009	Independent Study: Anthropology	2
Spring 2015	ANTH:4996:0009	Honors Research	1
Spring 2015	ANTH:2261:0AAA	Human Impacts on the Environment	100
Spring 2015	ANTH:6005:0009	Independent Study: Anthropology	1

Spring 2015	ANTH:1201:0AAA	Introduction to Prehistory	147
Spring 2015	ANTH:6010:0009	Research Anthropology	1
Fall 2014	ANTH:6005:0009	Independent Study Anthropology	1
Fall 2014	ANTH:3261:0001	Our Life With Dogs	28
Fall 2014	ANTH:1046:0001	People and the Environment	57
Fall 2014	ANTH:1046:0002	People and the Environment	19
Fall 2014	ANTH:2290:0009	Practicum in Archaeology	1
Fall 2014	GRAD:7400:0003	Practicum in College Teaching	1
Fall 2014	ANTH:6010:0009	Research Anthropology	1
Fall 2014	ANTH:5201:0001	Seminar Archaeological Theory and Method	5
Fall 2014	ANTH:6015:0009	Thesis	1
Summer 2014	113:384:009	Research Anthropology	1
Spring 2014	113:168:001	Archaeological Methods	10
Spring 2014	113:176:009	Honors Research	2
Spring 2014	113:113:AAA	Human Impacts on the Environment	100
Spring 2014	113:183:009	Independent Study	1
Spring 2014	113:383:009	Independent Study Anthropology	1
Spring 2014	113:162:009	Practicum in Archaeology	1
Spring 2014	113:384:009	Research Anthropology	1
Spring 2014	113:385:009	Thesis	1
Fall 2013	113:187:SCA	Cultures in Collision	13
Fall 2013	113:179:001	Pleistocene Peopling of the Americas	14
Fall 2013	113:384:009	Research Anthropology	1
Fall 2013	113:385:009	Thesis	1
Spring 2013	113:181:001	Archaeology of the Great Plains	19
Spring 2013	113:113:AAA	Human Impacts on the Environment	99
Spring 2013	113:183:009	Independent Study	1
Spring 2013	187:199:226	International Studies Senior Project	1
Spring 2013	113:162:009	Practicum in Archaeology	3
Spring 2013	113:384:009	Research Anthropology	1
Spring 2013	113:385:009	Thesis	1
Fall 2012	113:126:001	Animals Culture and Food	24
Fall 2012	113:012:AAA	Introduction to Prehistory	193
Fall 2012	113:162:009	Practicum in Archaeology	2
Fall 2012	113:384:009	Research Anthropology	1
Fall 2012	113:385:009	Thesis	1
Spring 2012	113:113:AAA	Human Impacts on the Environment	100
Spring 2012	113:111:SCA	Our Life With Dogs	29
Spring 2012	113:162:009	Practicum in Archaeology	3
Spring 2012	113:384:009	Research Anthropology	1
Fall 2011	113:384:009	Research Anthropology	1
Summer 2011	113:383:009	Independent Study Anthropology	1
Summer 2011	113:162:009	Practicum in Archaeology	2
Spring 2011	113:113:AAA	Human Impacts on the Environment	81
Spring 2011	113:183:009	Independent Study	1
Spring 2011	113:383:009	Independent Study Anthropology	1
Spring 2011	187:199:226	International Studies Senior Project	1
Spring 2011	113:162:009	Practicum in Archaeology	2

Spring 2011	113:268:001	Seminar Archaeological Theory and Method	4
Fall 2010	113:126:001	Animals Culture and Food	25
Fall 2010	113:187:001	Cultures in Collision	13
Fall 2010	113:383:009	Independent Study Anthropology	1
Fall 2010	113:075:009	Individual Study	1
Fall 2010	187:199:226	International Studies Senior Project	1
Spring 2010	113:181:001	Archaeology of the Great Plains	19
Spring 2010	113:176:009	Honors Research	2
Spring 2010	113:113:AAA	Human Impacts on the Environment	94
Spring 2010	113:183:009	Independent Study	1
Spring 2010	113:383:009	Independent Study Anthropology	2
Spring 2010	113:162:009	Practicum in Archaeology	1

### Innovations in Teaching (Other Teaching Contributions)

#### Curriculum Development Grants

2019 - 2024	<b>Update and Maintain computers and equipment in the Department of Anthropology's Analytical Anthropology Instructional Laboratory (AAIL),</b>
2015 - 2019	<b>Student Technology Fee Award College of Liberal Arts, Update Analytical Anthropological Instructional Laboratory</b>
2017 - 2018	<b>CLAS Online Advisory Committee Grant, Revision of on-line version of ANTH:2261 Human Impacts on the Environment</b>
2017	<b>Learning Design Collaboratory, Faculty Fellow, Redesign of ANTH:1201:AAA World Archaeology</b>
2011 - 2014	<b>Student Technology Fee Award College of Liberal Arts, With Katina Lillios to establish Anthropological information systems and spatial analysis lab</b>
2010	<b>Council on Teaching Instructional Improvement Award, With Margaret Beck to purchase computer hardware to establish Anthropological Geographic Information Science laboratory</b>

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## SCHOLARSHIP

### Publications

CLAS \* System \* = Senior Author, Major Contribution, \*\* = Secondary Contribution \*\*\* = Equal Contribution, \*\*\*\* = Minor Contribution

#### Refereed Articles

1. \* Knell, E. J., Hill, Jr, M. E., Sutton, M. Q. (2021). Assessing the Validity of Mojave Desert Lake Mohave and Silver Lake Projectile-Point Types. *PaleoAmerica*.
2. \* Hill, M. E., Trabert, S. (2018). Reconsidering the Dismal River Aspect: A Review of Current Evidence for an Apachean (Ndee) Cultural Affiliation. *Plains Anthropologist*, 63(247), 198-222.
3. \* Hill, M. E., Beck, M. E., Lengyel, S., Trabert, S. J., Adair, M. J. (2018). A Hard Time to Date: The Scott County Pueblo (14SC1) and Puebloan Residents of the High Plains. *American Antiquity*, 83(1), 54-74.
4. \* McGrath, J. R., Beck, M., Hill, M. E. (2017). Replicating Red: Analysis of ceramic slip color with CIELAB color data. *Journal of Archaeological Science: Reports*, 14, 432-438.
5. \* Trabert, S., Hill, M. E., Cooley, D. (2017). New Excavations in Scott State Park: Preliminary Findings from 14SC409. *Kansas Anthropologist*, 35, 27-46.
6. \* Trabert, S., Hill, M. E. (2017). When Ethnography and Archaeology Meet: A Discussion of Dismal River Aspect Mortuary Practices. *Kansas Anthropologist*, 35, 47-61.
7. \* Khandelwal, M., Hill, M. E., Greenough, P., Anthony, J., Quill, M., Linderman, M., Udaykumar, H. S. (2017). Why Have Improved Cook-Stove Initiatives in India Failed? *World Development*, 93, 13-27.
8. \* Hill, M. E., Boehm, A. R. (2017). A New Look at the Old Scottsbluff Bison Quarry: Using Isotopes and Zooarchaeology to Understand Bonebed Formation. *PaleoAmerica*, 3(1), 84-95.
9. \*\* Beck, M., Trabert, S., Hill, D. V., Hill, M. E. (2016). Tewa Red and the Puebloan Diaspora: The Making of Ledbetter Red. *Journal of Archaeological Science: Reports*, 6, 148-159.
10. \*\*\*\* Hamilton, M. J., Buchanan, B., Huckell, B. B., Holliday, V. T., Shackley, M. S., Hill, M. E. (2013). Clovis Paleoecology and Lithic Technology in the Central Rio Grande Rift Region. *American Antiquity*, 78(2), 248-265.

11. \* Knell, E. J., Hill, M. E. (2012). Linking Bones and Stones: Regional Variation in Late Paleoindian Cody Complex Land Use and Foraging Strategies. *American Antiquity*, 77(1), 40-70.
12. \* Hill Jr., M. E., Holliday, V. T. (2011). Paleoindian and Later Occupations along Ancient Shorelines of the San Agustín Plains, New Mexico. *Journal of Field Archaeology*, 36(1), 3-20.
13. Hill Jr., M. E. (2010). Analysis of Site Formation Processes at the Rex Rodgers Bison Bonebed. *Plains Anthropologist*, 55(213), 3-24.
14. Hill Jr., M. E. (2010). Comment on Vance T. Holliday and David J. Meltzer's 'The 12.9-ka ET Hypothesis and North American Paleoindians'. *Current Anthropology*, 51(5), 590.
15. Hill Jr., M. E. (2010). Season of Bison Mortality at the Plainview Type Site (41HA1). *Current Research in the Pleistocene*, 27, 93-96.
16. \* Reynolds, C. R., Hill Jr., M. E. (2010). Understanding the Relationship between Bison Bone Beds at the Cody-aged Finley Site. *Current Research in the Pleistocene*, 27, 131-134.
17. \* Emery, K. F., Götz, C. M., Hill, M. E., Arroyo-Cabrales, J. (2008). (Editorial) ICAZ 2006: Zooarchaeology of the Late Pleistocene/Early Holocene in the Americas and Zooarchaeological Evidence of the Ancient Maya and their Environment. *Quaternary International*, 191, 34-52.
18. \* Hill, M. E., Hill, M. G., Widga, C. C. (2008). Late Quaternary Bison Diminution on the Great Plains of North America: Evaluating the Role of Human Hunting Versus Climate-Change. *Quaternary Science Reviews*, 27, 1752-1771.
19. \* Hill, M. E., Bruder, J. S., Beck, M. E., Phillips, B. G. (2008). Mobile Horticulturalists in the Western Papaguería. *Kiva: The Journal of Southwestern Archaeology and History*, 74(1), 33-69.
20. Hill, M. E. (2008). New Investigations of the Cody-Age Finley and Scottsbluff Bison Bone Beds. *Current Research in the Pleistocene*, 25, 90-93.
21. Hill, M. E. (2008). Variation in Paleoindian Fauna Use on the Great Plains and Rocky Mountains of North America. *Quaternary International*, 191, 34-52.
22. \*\* Byerly, R. M., Cooper, J. R., Meltzer, D. J., Hill, M. E., Labelle, J. M. (2007). A Further Assessment of Paleoindian Site-Use at Bonfire Shelter. *American Antiquity*, 72(2), 373-381.
23. Hill, M. E. (2007). A Moveable Feast: Variation in Faunal Resource Use among Central and Western North American Paleoindian Sites. *American Antiquity*, 72(3), 417-438.
24. \* Hill, M. E., Holliday, V. T., Weber, R. H. (2007). Preliminary Evaluation of the Paleoamerican Occupation in the San Agustín Basin, Socorro and Catron Counties, New Mexico. *Current Research in the Pleistocene*, 24, 97-100.
25. Hill, M. E. (2006). Before Folsom: The 12 Mile Creek Site and the Debate Over the Peopling of the Americas. *Plains Anthropologist*, 51(198), 141-156.
26. Hill, M. E. (2006). Rex Rodgers Bone Bed: Reevaluation of Site Formation. *Current Research in the Pleistocene*, 23, 108-110.
27. \*\* Byerly, R. M., Cooper, J. R., Meltzer, D. J., Hill, M. E., Labelle, J. M. (2005). On Bonfire Shelter (Texas) as a Paleoindian Bison Jump: An Assessment Using GIS and Zooarchaeology. *American Antiquity*, 70(4), 595-629.
28. \* Beck, M. E., Hill, M. E. (2004). Rubbish, Relatives, and Residence: The Family Use of Middens. *Journal of Archaeological Method and Theory*, 11(3), 297-337.
29. \*\*\*\* Hill, M. G., Hill, M. E., May, D. W., Myers, T. P., Rapson, D. J., Sellet, F., Todd, L. C. (2002). 2001 Investigations at the Clary Ranch Site, Nebraska. *Current Research in the Pleistocene*, 19, 32-34.
30. \*\*\*\* Hill, M. G., Hill, M. E., May, D. W., Myers, T. P., Rapson, D. J., Sellet, F., Todd, L. C. (2002). Paleoindian Subsistence Behaviour at the Clary Ranch Site, Nebraska, USA. *Antiquity*, 76, 311-312.
31. \* Hill, M. E., Hill, M. G. (2002). Season of Bison Mortality at the Jurgens Site, Weld County, Colorado. *Current Research in the Pleistocene*, 19, 104-106.
32. Hill, M. E. (2002). The Folsom-Age 12 Mile Creek Bison Bonebed in Western Kansas. *TerQua Symposium Series*, 3, 53-70.
33. Hill, M. E. (2002). The Milnesand Site: Site Formation Study of a Paleoindian Bison Bonebed in Eastern New Mexico. *Plains Anthropologist*, 47(183), 323-337.
34. \* Logan, B., Hill, M. E. (2000). Spatial Analysis of Small Scale Debris from a Late Prehistoric Site in the Lower Missouri Valley, Kansas. *Journal of Field Archaeology*, 27(3), 241-256.
35. \*\* Hill, M. G., Hill, M. E., Myers, T. P., Jones, D. C., Waguespack, N. M. (1997). Preliminary Observations on Late Paleoindian Bison Butchery at the Clary Ranch Site (25GD106), Western Nebraska. *Current Research in the Pleistocene*, 14, 34-37.
36. \* Hill, M. E., Hofman, J. L. (1997). Taphonomy of the 1953 Bison Bonebed at the Milnesand Site.

- Current Research in the Pleistocene*, 14, 115-117.
37. \* Hill, M. E., Hofman, J. L. (1997). The Waugh Site: A Folsom-Age Bison Bonebed in Northwestern Oklahoma. *Plains Anthropologist*, 42(159), 63-83.
  38. Hill, M. E. (1996). The Paleoindian Bison Remains from the 12-Mile Creek Site in Western Kansas. *Plains Anthropologist*, 41(158), 359-372.
  39. \* Hofman, J. L., Hill, M. E., Johnson, W. C., Sather, D. T. (1995). Norton: An Early Holocene Bison Bone Bed in Western Kansas. *Current Research in the Pleistocene*, 12, 19-21.
  40. \* Hill, M. E., Hofman, J. L., Martin, L. D. (1993). Bone Attritional Processes at the 12 Mile Creek Site, Kansas. *Current Research in the Pleistocene*, 10, 67-69.
  41. \* Hill, M. E., Hofman, J. L., Martin, L. D. (1992). A Reinvestigation of the Burntwood Creek Bison Bone Bed. *Current Research in the Pleistocene*, 9, 99-102.
  42. \*\* Hofman, J. L., Carter, B. J., Hill, M. (1992). Folsom Occupation at the Waugh Site in Northwestern Oklahoma. *Current Research in the Pleistocene*, 9, 22-25.

### Books

1. \* People in a Sea of Grass: Archaeology's Changing Perspective on Indigenous Plains Communities. M. E. Hill, Jr & L. W. Ritterbush (Eds.), *edited volume*. Salt Lake City, Utah: The University of Utah Press. Accepted/In Press 2021

### Book Chapters

1. \* Hill, Jr., M. E. Changing Perspectives in Central Plains Archaeology. M. E. Hill, Jr. & L. W. Ritterbush (Eds.), *People in a Sea of Grass: Archaeology's Changing Perspective on Indigenous Plains Communities* (pp. 9-16). Salt Lake City, Utah: The University of Utah Press. Accepted/In Press 2021
2. \* Hill, Jr., M. E., Ritterbush, L. W. Concluding Thoughts. M. E. Hill, Jr. & L. W. Ritterbush (Eds.), *People in a Sea of Grass: Archaeology's Changing Perspective on Indigenous Plains Communities* (pp. 165-171). Salt Lake City, Utah: The University of Utah Press. Accepted/In Press 2021
3. \* Hill, Jr., M. E., Ritterbush, L. W. Introduction. M. E. Hill, Jr. & L. W. Ritterbush (Eds.), *People in a Sea of Grass: Archaeology's Changing Perspective on Indigenous Plains Communities* (pp. 1-8). Salt Lake City, Utah: The University of Utah Press. Accepted/In Press 2021
4. \* Trabert, S., Hill, Jr., M. E., Beck, M. E. Understanding the Scott County Pueblo (14SC1) Occupation: Isolated Migrants or Community Builders? M. E. Hill, Jr & L. W. Ritterbush (Eds.), *People in a Sea of Grass: Archaeology's Changing Perspective on Indigenous Plains Communities* (pp. 131-143). Salt Lake City, Utah: The University of Utah Press. Accepted/In Press 2021
5. \* Hill, Jr., M. E., Trabert, S., Beck, M. E. The Dismal River Complex and Early Apache (Ndee) Presence on the Central Great Plains. J. W. Ives & J. C. Janteski (Eds.), *Holes in Our Moccasins, Holes in Our Stories: New Insights into Apachean Origins from the Promontory, Franktown and Dismal River Archaeological Records*. Utah Press. Accepted/In Press February 2021
6. \* Erik, O.-C., Torquato, M. G., Hill, Jr, M. E. Intensification Mechanism Driving Dietary Change Among the Great Plains Big Game Hunters of North America. M. Eren (Ed.), *Defining and Measuring Diversity in Archaeology*. New York: Berghahn Books. Accepted/In Press February 17, 2021
7. \*\* Haynes, C. V., Hill, M. E. (2017). Plainview-Goshen-Midland Typological Problems. V. T. Holliday, E. Johnson, & R. Knudson (Eds.), *Plainview: The Enigmatic Artifact Style of the Great Plains* (pp. 249-273). Salt Lake City: The University of Utah Press.
8. \* Hill, M. E., Wismer-, M. A., Eastman, E. J., Lanoë, F., Muschal, M. (2016). Appendix A: Analysis of the 10OA275 Zooarchaeological Material. B. S. Arkush (Ed.), *Late Prehistoric Big-Game Hunting in Curlew Valley: Archaeological Investigations at 10OA275* (2nd ed., pp. 49-82). Boise, ID: Monographs in Idaho Archaeology and Ethnology Archaeological Survey of Idaho, Idaho Historical Society.
9. \* Hill, M. E., Knell, E. J. (2013). Cody in the Rockies: The Mountain Expression of a Plains Culture Complex? E. J. Knell & M. P. Muniz (Eds.), *Paleoindian Lifeways of the Cody Complex* (pp. 188-214). Salt Lake City: The University of Utah Press.
10. Hill, M. E. (2013). Sticking it to the Bison: Exploring Variation in Cody Bison Bonebeds. E. J. Knell & M. P. Muniz (Eds.), *Paleoindian Lifeways of the Cody Complex* (pp. 93-117). Salt Lake City: The University of Utah Press.
11. Hill Jr., M. E. (2010). Regional Differences in Great Plains Paleoindian Occupational Intensity and Duration. S. Hurst & J. L. Hofman (Eds.), *Exploring Variability in Early Holocene Hunter-Gatherer Lifeways* (vol. 25, pp. 73-95). Lawrence, KS: University of Kansas Publications in Anthropology.



12. \* Bruder, J. S., Hill, M. E. (2008). J. H. Altschul & A. G. Rankin (Eds.), *The Mobak and Rainy Day Sites: Two Thousand Years of Repeated, Episodic Occupation on the Northern Margin of the Western Papagueria*. (pp. 217-232). SRI Press: Fragile Patterns: The Archaeology of the Western Papagueria Archaeology.
13. \* Beck, M. E., Hill, M. E. (2007). Midden Ceramics and Their Sources in Kalinga. J. M. Skibo, M. W. Graves, & M. T. Stark (Eds.), *Archaeological Anthropology: Perspectives on Method and Theory* (pp. 111-137). Tucson, AZ: The University of Arizona Press.
14. \* Hill, M. E., Hofman, J. L., Kinsey, K. (1996). A History of Archaeological Research on the Central Plains. J. L. Hofman (Ed.), *Archeology and Paleoecology of the Central Great Plains* (vol. 48, pp. 29-40). Fayetteville, AR: Arkansas Archeological Survey Research Series.

## Publications In Progress

### Book Chapter

2020 *The Dismal River Complex and Early Apache (Ndee) Presence on the Central Great Plains.*

### Journal Article

2021 *How to Keep the Home Fires Burning: Biofuel Hearths in Broader Perspective.*

2021 *Analysis of the Protohistoric Period Fauna from the Scott County Pueblo Site in Western Kansas*

## Grants and Contracts

### Funded

- Jul 2019 - Jun 2024 *Update and Maintain computers and equipment in the Department of Anthropology's Analytical Anthropology Instructional Laboratory (AAIL),*  
Funded by CLAS Information Technologies Committee. Award amount: (\$87,063.54). Investigator/s Matthew 3 Hill (Co-Principal), Andrew Kitchen (Co-Principal).
- Mar 2020 - Mar 2021 *Pueblo on the Plains: Multiethnic Apachean (Ndee) and Puebloan Communities in Kansas*  
Funded by Archaeological Institute of America-National Endowment for the Humanities. Award amount: (\$14,991.00) Number of Months: 1. Investigator/s Matthew E Hill (Co-Principal), Margaret E Beck (Co-Principal).
- Jun 2020 - Aug 2021 *Zooarchaeological and taphonomic analysis of Sagebrush Spring Fauna*  
Funded by Weber State University. Award amount: (\$4,000.00). Investigator/s Matthew E Hill (Principal Investigator).
- Jul 2020 - Jun 2021 *Application of 3D scanning technology in Anthropology and Museum Studies*  
Funded by CLAS Information Technologies Committee. Investigator/s Matthew 3 Hill (Co-Principal).
- Nov 2018 - Jan 2020 *The Social Landscape of Wood: A comparative, Collaborative Project in Rajasthan and Odisha States, India*  
Funded by Arts and Humanities Initiative Major Project Grant. Award amount: (\$29,230.00). Investigator/s Matthew E Hill (Principal Investigator), Meena Khandelwal (Co-Principal), Margaret E Beck (Co-Principal), Swarup Dutta (Collaborator), Gopal Krishna Sarangi (Collaborator).
- Jul 2015 - Jun 2019 *Update Analytical Anthropological Instructional Laboratory*  
Funded by University of Iowa, College of Liberal Arts and Sciences (Student Technology Fee Award). Award amount: (\$30,100.00). Investigator/s Matthew E Hill (Principal Investigator).
- Dec 2018 *Archaeological Excavation Humphrey Site*  
Funded by History Nebraska. Award amount: (\$1,218.33). Investigator/s Matthew E Hill (Principal Investigator).
- Dec 2018 *Collaborative field work at early Apache archaeological sites in Nebraska*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill

- (Investigator).
- May 2018 *Revision of on-line version of ANTH:2261 Human Impacts on the Environment*  
Funded by CLAS Online Advisory Committee Grant. Award amount: (\$3,500.00).  
Investigator/s Matthew E Hill (Principal Investigator).
- Dec 2017 *Archaeological Survey Humphrey Site NSHS 402-471-0090*  
Funded by Nebraska State Historical Society. Award amount: (\$1,356.44).  
Investigator/s Matthew E Hill.
- Dec 2017 *Archaeological field work at the Humphrey Site in Northwest Nebraska*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow  
Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill  
(Investigator).
- Dec 2017 *Artifact Analysis of a Dismal River Aspect Site from western Nebraska*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow  
Program. Award amount: (\$2,000.00). Investigator/s Matthew E Hill  
(Investigator).
- Dec 2014 *Fluoride Analysis of Faunal Remains from Scott County Pueblo*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow  
Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill  
(Investigator).
- Dec 2014 *Counting on Trees for Carbon Sequestration: Understanding the Energy-Environment-  
Gender Nexus in Rural India*  
Funded by Center for Global and Environmental Research. Award amount:  
(\$29,450.00). Investigator/s H S Udaykumar (Principal Investigator), Meena  
Khandelwal (Co-Principal), Marc Linderman (Co-Principal), Paul Greenough (Co-  
Principal), Matthew Hill (Co-Principal), Jerry Anthony (Co-Principal).
- Jul 2013 - Jun 2014 *Pueblo on the Plains: Chronology and Technology of Culture Contact*  
Funded by University of Iowa, Social Science Funding Program. Award amount:  
(\$24,934.00). Investigator/s Matthew E Hill (Principal Investigator), Margaret  
Beck (Collaborator).
- Jul 2011 - Jun 2014 *Establish Anthropological Information Systems and Spatial Analysis Lab*  
Funded by University of Iowa, College of Liberal Arts and Sciences (Student  
Technology Fee Award). Award amount: (\$42,000.00). Investigator/s Katina  
Lillios (Principal Investigator), Matthew E Hill (Collaborator).
- Dec 2013 *Archaeological Field Work at two Dismal River Aspect Sites in Scott County, Kansas*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow  
Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill  
(Investigator).
- Dec 2013 *Artifact Analysis of Dismal River Aspect Sites in Scott County, Kansas*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow  
Program. Award amount: (\$2,000.00). Investigator/s Matthew E Hill  
(Investigator).
- Jan 2012 - Dec 2013 *Zooarchaeological and taphonomic analysis of West Fork Rock Creek Fauna*  
Funded by Weber State University. Award amount: (\$4,479.00).
- Dec 2012 *Faunal Analysis of West Fork Rock Creek Archaeological Site*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow  
Program. Award amount: (\$1,250.00). Investigator/s Matthew E Hill  
(Investigator).
- Dec 2012 *Zooarchaeological Study of the West Fork Rock Creek Site, Idaho*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow  
Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill  
(Investigator).
- Dec 2011 *Archaeological Study of Metal Artifacts from the Plum Grove Farmstead*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow

- Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill (Investigator).
- Dec 2011 *Study of glass artifacts from Plum Grove archaeological site*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill (Investigator).
- Dec 2010 *GIS analysis of spatial organization of Scott County Pueblo*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill (Investigator).
- Dec 2010 *Summer archaeological Investigations at the Scott County Pueblo, Kansas*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill (Investigator).
- Dec 2010 *Purchase computer hardware to establish Anthropological Geographic Information Science laboratory*  
Funded by University of Iowa, Council on Teaching. Award amount: (\$4,659.00). Investigator/s Margaret E Beck (Principal Investigator), Matthew E Hill (Principal Investigator).
- Dec 2009 *Summer archaeological Investigations at the Scott County Pueblo, Kansas*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill (Investigator).
- Dec 2009 *Zooarchaeological Investigations at the Scott County Pueblo, Kansas*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill (Investigator).
- Dec 2008 *Analysis of long-term impact of human hunting on Great Plains wildlife populations*  
Funded by Iowa Center for Research by Undergraduates (ICRU) Research Fellow Program. Award amount: (\$2,500.00). Investigator/s Matthew E Hill (Investigator).
- Dec 2006 *Analysis of Finely site faunal assemblages at University of Wyoming*  
Funded by George C Frison Institute, University of Wyoming. Award amount: (\$500.00). Investigator/s Matthew E Hill (Principal Investigator).
- Dec 2006 *Attend International Council for Archaeozoology (ICAZ) International Conference*  
Funded by William and Nancy Sullivan Scholarship Fund, University of Arizona. Award amount: (\$800.00). Investigator/s Matthew E Hill (Investigator).
- Dec 2004 *Analysis of Red Smoke and Scottsbluff Site faunal assemblages at Nebraska State Museum*  
Funded by Emil W. Haury Education Fund for Archaeology, University of Arizona. Award amount: (\$800.00). Investigator/s Matthew E Hill (Principal Investigator).
- Dec 2004 *Isotopic and radiocarbon dating analysis of Rex Rodgers and Bonfire Shelter faunal assemblage*  
Funded by Arizona State Museum Thompson Fund, University of Arizona. Award amount: (\$375.00). Investigator/s Matthew E Hill (Principal Investigator).
- Dec 1995 *Analysis of Olsen-Chubbuck and Jurgens site faunal assemblages at University of Colorado-Boulder*  
Funded by Carroll D. Clark Fund, University of Kansas. Award amount: (\$195.00). Investigator/s Matthew E Hill (Principal Investigator).
- Dec 1994 *Attend Society for American Archaeology meetings*  
Funded by University of Kansas Graduate Student Travel Fund. Award amount: (\$300.00). Investigator/s Matthew E Hill (Principal Investigator).

- Dec 1993 *Analysis of Milnesand, Lubbock Lake, and Blackwater Draw sites faunal assemblages at University of Texas-Austin.*  
Funded by Carroll D. Clark Fund, University of Kansas. Award amount: (\$175.00). Investigator/s Matthew e Hill (Investigator).
- Not Funded**
- Jul 2021 - Jun 2024 *Letter of Intent: Comparing Differences in Behavior, Fitness, and Phenotypic and Genotypic plasticity in Shortgrass, Tallgrass, and Woodland Bison of North America through the Holocene.*  
Funded by Center of Excellence for Bison Studies Competitive Grant Program. Investigator/s Matthew E Hill, Jr (Principal Investigator), Andrew Kitchen (Co-Principal), Erik Otárola-Castillo (Co-Principal), Chris Widga (Co-Principal).
- Dec 2020 *Collaborative Research: "Lessons from the Past": Effects of Climatic Changes on 13,000 Years of Food Security Risk Management by Foragers and Farmers in North America" 1951229*  
Funded by National Science Foundation. Number of Months: 1. Investigator/s Erik Otárola-Castillo (Principal Investigator), Matthew E Hill (Principal Investigator).
- Dec 2018 *The Social Landscape of Fuel: Uses of Fuelwood in Udaipur District of Southern Rajasthan, India*  
Funded by World Wood Day Foundation. Investigator/s Matthew E Hill (Co-Principal), Meena R Khandelwal (Co-Principal).
- Oct 2018 *The Social Landscape of Wood: A comparative, Collaborative Project in Rajasthan and Odisha States, India*  
Funded by IP Global Research Partnership Award (GRPA). Investigator/s Meena Khandelwal (Principal Investigator), Matthew E Hill (Co-Principal), Margaret E Beck (Co-Principal), Swarup Dutta (Collaborator), Gopal Krishna Sarangi (Collaborator).
- Dec 2017 *Hearth Implant for Lungs: Improving Cookstoves in Rural India*  
Funded by National Science Foundation. Investigator/s Jerry Anthony (Principal Investigator), Meena R Khandelwal (Co-Principal), Marc A Linderman (Co-Principal), Matthew E Hill (Co-Principal), H S Udaykumar (Co-Principal).
- Jul 2017 *Establishing on-line teaching space*  
Funded by University of Iowa, College of Liberal Arts and Sciences (Student Technology Fee Award). Investigator/s Andrew Kitchen (Principal Investigator), Matthew E Hill (Principal Investigator).
- Dec 2014 *Collaborative Research: The Spread of Hopewell Religion to the Kansas City Area*  
Funded by National Science Foundation. Investigator/s Margaret E Beck (Multi-PI), Mary J Adair (Multi-PI), Jack L Hofman (Multi-PI), Matthew E Hill (Multi-PI).
- Dec 2013 *ELT Collaborative Research: Testing the effects of Holocene climate and vegetation change on bison population dynamics in the northern Great Plains, USA*  
Funded by National Science Foundation. Investigator/s David M Nelson (Multi-PI), Eric Grimm (Multi-PI), Matthew E Hill (Multi-PI), Christopher Widga (Multi-PI).
- Dec 2013 *Socioeconomic and technological changes to indigenous Great Plains communities from indirect effects of European colonization*  
Funded by Wenner-Gren Foundation of Anthropological Research. Investigator/s Matthew E Hill (Principal Investigator), Margaret E Beck (Principal Investigator).
- Dec 2012 *Collaborative Research: Testing the effects of Holocene climate and vegetation change on bison behavior, population structure, and body size on the northern Great Plains, USA*  
Funded by National Science Foundation. Investigator/s David M Nelson (Multi-PI), Eric Grimm (Multi-PI), Matthew E Hill (Multi-PI), Christopher Widga (Multi-PI).
- Dec 2011 *Collaborative Research: Testing the effects of Holocene climate and vegetation change*

- on bison behavior, fitness, and phenotypic plasticity on the Northern Great Plains, USA*  
 Funded by National Science Foundation. Investigator/s David M Nelson (Multi-PI), Eric Grimm (Multi-PI), Matthew E Hill (Multi-PI), Christopher Widga (Multi-PI).
- Dec 2011 *Collaborative Research: Testing the effects of Holocene climate and vegetation change on bison behavior, population structure, and body size on the eastern Great Plains, USA*  
 Funded by National Science Foundation. Investigator/s David M Nelson (Multi-PI), Eric Grimm (Multi-PI), Matthew E Hill (Multi-PI), Christopher Widga (Multi-PI).
- Dec 2010 *Collaborative Research: Relationships among drought cycles, vegetations, and bison during the Holocene on the Northern Great Plains, USA*  
 Funded by National Science Foundation. Investigator/s David M Nelson (Multi-PI), Eric Grimm (Multi-PI), Matthew E Hill (Multi-PI), Christopher Widga (Multi-PI).
- Declined**  
 Apr 2017 *Attend Society for American Archaeology (SAA) Conference*  
 Funded by University of Iowa, International Program & Stanley-UI Foundation. Award amount: (\$800.00). Investigator/s Matthew E Hill.

## Invited Lectures and Conference Presentations

### Colloquium

#### Department

- 2008 Department of Anthropology Colloquium Series, *Did Humans Kill of the Mammoth? The Zooarchaeology of Pleistocene Overkill*, University of Iowa Presenters/Authors: Hill, Matthew E

### Continuing Education Talks

#### University

- 2018 *Learning Design Collaboratory Course Spotlight: World Archaeology*, Office of Teaching, Learning and Technology Presenters/Authors: Hill, Matthew E
- 2018 *Course Spotlight: World Archaeology*, Learning Design Collaboratory Presenters/Authors: Hill, Matthew E

### Guest Speaker

#### Department

- 2018 Native Peoples of North America Class, *Peopling of the Americas* Presenters/Authors: Hill, Matthew E

#### University

- 2019 EES Brown Bag Series, *Comparison of Deforestation in India and the US*, University of Iowa, Earth and Environmental Science, Iowa City Presenters/Authors: Hill, Matthew

### Invited Lecture

#### College

- 2008 University of Iowa Geosciences Quaternary Brownbag Series, *Pleistocene Extinction and the Archaeological Signatures for Human Impacts to Megafauna* Presenters/Authors: Hill, Matthew E

#### Local

- 2013 International Archaeology Day, *Understanding the Peopling of the Americas: A Discourse between an Archaeologists and Geneticists*, Archaeological Institute of America-Iowa Chapter Presenters/Authors: Hill, Matthew, Kitchen, Drew

#### Regional

- 2021 Panhandle Archaeological Society Meeting, *The 15,000-year history of humans and dogs in North American*, Panhandle Archaeological Society Presenters/Authors: Hill, Jr, Matthew E
- 2021 Third Sunday Archeology Program,, *Our Furry Companions: The Changing (and*

- Changeless) Nature of the Dog-Human Relationship*, Archaeology Program, Augustana University, Sioux Falls South Dakota. Presenters/Authors: Hill, Jr, Matthew E
- 2017 *Pueblo on the Plains: The Mixing of Apachean and Puebloan Communities in Kansas*, Department of Anthropology, University of Missouri, Columbia, Missouri, United States Presenters/Authors: Hill, Matthew E
- 2016 *Why is there a Pueblo in Kansas?*, ANTH365 Exploration in Kansas Archaeology, Department of Sociology, Anthropology, Social Work, Kansas State University,, Manhattan, Kansas, United States Presenters/Authors: Hill, Matthew E
- 2011 *Explorations in Archaeology, Hunting in a Sea of Grass: Subsistence Responses to Climate Change by Native American Great Plains Hunters*, University of Kansas Presenters/Authors: Hill, Matthew E
- 2009 Illinois States Museum, *Were Paleoindians Big-game Hunting Specialists? Or is this the Wrong Questions* Presenters/Authors: Hill, Matthew E
- 2006 University of Wyoming, Department of Anthropology, *Paleoindian Faunal Exploitation: The Myth and Reality of Big Game Hunters* Presenters/Authors: Hill, Matthew E
- 2005 Arizona Archaeological and Historical Society, *Farming in a Sea of Sand and Rock: Investigations of Episodic Occupations in Southwestern Arizona* Presenters/Authors: Hill, Matthew E, Beck, Margaret
- State**
- 2016 *Pueblo on the Plains: The mixing of Apachean and Puebloan Communities in Kansas*, Central Iowa Chapter of the Iowa Archeological Association, Des Moines, Iowa, United States Presenters/Authors: Hill, Matthew E
- 2008 Iowa Archaeological Society Annual Meeting, *The Archaeology of the Pleistocene Overkill* Presenters/Authors: Hill, Matthew E
- University**
- 2021 University of Iowa Climate Change Teach-In, *Lessons from the past: using archaeology to examine key human-environmental relationships.*, UI Presidential Sustainability Charter Committee, Iowa City, Iowa Presenters/Authors: Hill, Jr, Matthew E
- 2019 *Always by our Side: The Ever-Changing Dog-Human Relationships in North America*, Pick Museum of Anthropology, Northern Illinois University, DeKalb, Illinois Presenters/Authors: Hill, Matthew
- 2019 *Finding the Ndee (Apache): The Archaeology of Athapaskan Settlement of the American West*, Department of Geography, University of Northern Iowa, Cedar Falls, Iowa Presenters/Authors: Hill, Matthew
- 2018 Science on Tap (at Hancher's Stanley Cafe), *Southwestern Archaeology at the University of Iowa*, UI Office of Research and Economic Development and Hancher, Iowa City, Iowa, United States Presenters/Authors: Beck, Margaret E, Hill, Matthew E
- 2016 Friends Science Seminar Series, *Complex Settlements: The Mixing of Apachean and Puebloan Communities in Kansas*, Iowa Lakeside Laboratory, Milford, Iowa Presenters/Authors: Hill, Matthew E, Beck, Margaret E
- 2012 Iowa Office of the State Archaeologist, *A New Look at the Paleoindian Finley Bison Bonebed* Presenters/Authors: Hill, Matthew E
- 2011 Iowa Office of the State Archaeologist, *Long-term Changes in Great Plains Paleoindian Hunting Strategies* Presenters/Authors: Hill, Matthew E
- 2011 Explorers Lecture Series, Museum of Natural History, *Hunting in a Sea of Grass: Subsistence Responses to Climate Change by Native American Great Plains Hunters* Presenters/Authors: Hill, Matthew E
- 2008 Iowa Office of the State Archaeologist, *Overkill vs. Overheated: Using zooarchaeology to study the Causes of Pleistocene Extinction* Presenters/Authors: Hill, Matthew E
- Keynote/Plenary Address**
- State**
- 2014 Iowa Academy of Science, *Thoughts about the Settlement of the Americans: A Discourse Between Archaeological and Genetic Interpretations* Presenters/Authors:

Hill, Matthew, Kitchen, Drew

**Paper****International**

- 2019 Society for American Archaeology, *Missing Metapodials: New Analysis of the Protohistoric Period Fauna from the Scott County Pueblo site in Western Kansas*, Albuquerque, New Mexico, United States Presenters/Authors: Hill, Matthew E Student Presenters/Authors: Faith, Wilfong
- 2018 Society for American Archaeology Conference, *A Reexamination of the Nature and Context of the Finley Paleoindian Bison Bonebeds in Southwest Wyoming*, Society for American Archaeology, Washington, District of Columbia, United States Presenters/Authors: Hill, Matthew E, Reynolds, Cerisa R, Mayer, James, Laughlin, John P
- 2017 Society for American Archaeology Conference, *The Dismal River Complex and the Continuing Debate of Early Apachean Presence on the Central Great Plains.*, Society for American Archaeology, Vancouver, Canada Presenters/Authors: Hill, Matthew E, Trabert, Sarah, Beck, Margaret E
- 2017 Society for American Archaeology Conference, *“Bison, Dog, and Deer, Oh My! Faunal Analysis of the Lovitt Site, Western Nebraska.”*, Society for American Archaeology, Vancouver, Canada Presenters/Authors: Hill, Matthew E Student Presenters/Authors: Tharalson, Kirsten
- 2014 12th International Conference of Archaeozoology, *13,000 years of Bison Hunting: The Shifting Diet Breadth of Great Plains Big Game Hunters in North America*, San Rafael, Argentina Presenters/Authors: Hill, Matthew, Beck, Margaret
- 2014 79th Annual Society for American Archaeology Conference, *Late Paleoindian Cody Complex Tool Assemblage Variability*, Austin, Texas, United States Presenters/Authors: Knell, Edward, Hill Jr., Matthew E
- 2014 113th Annual American Anthropological Association Conference, *Puebloan Vessels for Puebloan Foods: Cooking and Serving at the Scott County Pueblo, Western Kansas* Presenters/Authors: Beck, Margaret E, Hill, Matthew E
- 2013 Annual Meeting of the Society for Cenozoic Research (TerQua), *Long-term Patterns in Faunal Exploitation in the Great Plains and Adjacent Mountain Areas* Presenters/Authors: Hill, Matthew E, Flaherty, Kevin
- 2011 76th Annual Society for American Archaeology Conference, *Linking Late Paleoindian Bones and Stones: Regional Variation in Late Paleoindian Land Use* Presenters/Authors: Knell, Edward, Hill, Matthew E
- 2009 74th Annual Society for American Archaeology Conference, *Cody Bones and Stone: Regional Variation in Cody Complex Foraging Behavior* Presenters/Authors: Knell, Edward, Hill, Matthew E
- 2008 73rd Annual Society for American Archaeology Conference, *Changes in Great Plains/Rocky Mountain Paleoindian Faunal Use and Prey Physiology: a Response to Environmental Change or Hunting Pressure?* Presenters/Authors: Hill, Matthew E
- 2007 72nd Annual Society for American Archaeology Conference, *Paleoindian Geoarchaeology of the San Agustin Basin, West-Central New Mexico* Presenters/Authors: Hill, Matthew E, Holliday, Vance T, Weber, Robert H
- 2007 72nd Annual Society for American Archaeology Conference, *Paleoindian Occupation and Land Use of the San Augustin Basin* Presenters/Authors: Hill, Matthew E, Holliday, Vance T, Weber, Robert H
- 2006 71st Annual Society for American Archaeology Conference, *Regional Differences in Great Plains Paleoindian Occupational Intensity and Duration* Presenters/Authors: Hill, Matthew E
- 2006 International Conference for the International Council for Archaeozoology (ICAZ), *Variation in Great Plains Faunal Response Use: Considering Long-Term Faunal Exploitation* Presenters/Authors: Hill, Matthew E

**National**

- 2017 75th Annual Plains Anthropological Society Conference, *New Archeological Investigations of Apache Life in the Nebraska Sand Hills.*, Plains Anthropological

- Society, Bismarck, North Dakota Presenters/Authors: Bozell, Rob, Geib, Phil, Hill, Matthew E, Weiwei, Adam, Ziska, Courtney
- 2016 Plains Anthropological Society Conference, *Dating down the Dismal River: Chronology of the Protohistoric Apache occupation in the Central Great Plains*, Plains Anthropological Society, Lincoln, Nebraska, United States Presenters/Authors: Hill, Matthew E, Trabert, Sarah, Beck, Margaret
- 2016 Plains Anthropological Society Conference, *Not Dead Yet: An Update on the White Cat Village Site (25HN37)*, Plains Anthropological Society, Lincoln, Nebraska, United States Presenters/Authors: Trabert, Sarah, Hill, Matthew E
- 2015 Plains Anthropological Society, *Puebloan Vessels for Puebloan Foods: Cooking and Serving at the Scott County Pueblo, Western Kansas*, Iowa City, Iowa, United States Presenters/Authors: Beck, Margaret E, Hill, Matthew E
- 2015 Plains Anthropological Society, *pXRF on the Plains: A Cautionary Tale of Frustration, Disappointment, and Optimism.*, Iowa City, Iowa, United States Presenters/Authors: Trabert, Sarah, Hill, Matthew E
- 2015 Plains Anthropological Society Conference, *The Organization of Cody Complex Tool Assemblages in the Greater Northern Plains and Rocky Mountains*, Iowa City, Iowa, United States Presenters/Authors: Knell, Edward, Hill, Matthew E
- 2014 72nd Annual Plains Anthropological Society Conference, *Plains Bison Hunters: Shaping our Views of the Settlement and Land Use of First Americans* Presenters/Authors: Hill, Matthew E
- 2013 79th Annual Plains Anthropological Conference, *Late Paleoindian Cody Complex Tool Assemblage Variability* Presenters/Authors: Knell, Edward, Hill, Matthew E
- 2012 70th Annual Plains Anthropological Conference, *Regional scale variability in the seasonality and size of Paleoindian bison bonebeds*, Plains Anthropological Society Presenters/Authors: Hill, Matthew E
- 2011 69th Annual Plains Anthropological Conference, *Bison on the Southern Plains: Temporal and Regional Variation in Paleoindian Bison Predation*, Plains Anthropological Society Presenters/Authors: Hill, Matthew E
- 2011 69th Annual Plains Anthropological Conference, *Temporal and Regional Variation in Paleoindian Land Use and Foraging Strategies* Presenters/Authors: Knell, Edward, Hill, Matthew E
- 2009 67th Annual Plains Anthropological Conference, *Linking Bones and Stones: Regional Variation in Cody Complex Land-Use and Foraging Behavior* Presenters/Authors: Knell, Edward, Hill, Matthew E
- 2008 54th Annual Plains Anthropological Conference, *Examining Paleoindian Seasonal Land Use and Hunting Patterns* Presenters/Authors: Hill, Matthew E
- 2007 65th Annual Plains Conference, *Cody Bison Bonebeds: Seasonality, Kill Size and Herd Composition* Presenters/Authors: Hill, Matthew E
- 2006 64th Annual Plains Conference, *A New Look at the Scottsbluff Bison Quarry (25SF2)* Presenters/Authors: Hill, Matthew E, Knudson, Ruthann

### **Poster**

#### **International**

- 2021 84th Annual Society for American Archaeology Conference, *Long-term Dietary Change Among Hunters of the North American Great Plains*, Society for American Archaeology Peer-Reviewed/Refereed Presenters/Authors: Hill, Jr, Matthew E, Otárola-Castillo, Erik Student Presenters/Authors: Torquato, Melissa G.
- 2019 Society for American Archaeology, *Climate Change and the Foraging-Farming Transition on the Great Plains*, Albuquerque, New Mexico, United States Presenters/Authors: Hill, Matthew E, Otarola-Castillo, Erik Student Presenters/Authors: Nihells, Angel, Torquato, Melissa, Rapes, John B
- 2019 Society for American Archaeology, *Managing the Effects of Climate Change and Foraging Risk through Dietary Portfolio Diversity, an Example from 13,000 years of human-environment interactions on the Great Plains of North America*, Albuquerque, New Mexico, United States Presenters/Authors: Otarola-Castillo, Erik, Hill, Matthew Student Presenters/Authors: Torquato, Melissa, Nihells, Angel, Rapes, John B



- 2013 78th Annual Society for American Archaeology Conference, *Exploring Late Prehistoric Subsistence Change at the West Fork Rock Creek site (10Oa275), Idaho* Presenters/Authors: Wismer-Lanoe, Meredith A, Arkush, Brooke S, Hill, Matthew E, Eastman, Emlyn J, Lanoe, Francois
- 2010 90th Annual Meeting of the American Society of Mammalogists, *Modeling Foraging Strategies of Modern and Paleo-hunters and gatherers: Does Human Foraging Respond to Environmental Gradients?* Presenters/Authors: Otarola-Castillo, Erik, Schoville, Benjamin, Danielson, Brent J, Hill, Matthew E
- 2010 75th Annual Society for American Archaeology Conference, *Procurement on the Plains: An Analysis of Large Bodied Mammals at Scott County Pueblo* Presenters/Authors: Baines, Keelin, Hill, Matthew E
- 2010 75th Annual Society for American Archaeology Conference, *Reevaluation of the Site Formational History of the Finley Bison Bonebeds* Presenters/Authors: Hill, Matthew E, Reynolds, Cerisa, Mayer, James
- 2009 74th Annual Society for American Archaeology Conference, *Long-term Trends in Diet Breadth: Changes in Prehistoric Hunting on the Great Plains* Presenters/Authors: Hill, Matthew E, Flaherty, Kevin V
- 2005 70th Annual Society for American Archaeology Conference, *Long-term and Regional Changes in Use of Bison* Presenters/Authors: Hill, Matthew E

**National**

- 2014 72nd Annual Plains Anthropological Society Conference, *Background and Chronology of Three Dismal River Aspect Sites in Scott County, Kansas*, Fayetteville, Arkansas, United States Presenters/Authors: Hill, Matthew E, Trabert, Sarah, Beck, Margaret
- 2014 72nd Annual Plains Anthropological Society Conference, *Faunal Use and Occupation at Three Dismal River Aspect Sites in Lake Scott State Park, Kansas*, Fayetteville, Arkansas Presenters/Authors: Bernemann, Amanda, Hill, Matthew E
- 2013 71st Annual Plains Anthropological Conference, *Assessing Variability in Cody Tool Assemblages* Presenters/Authors: Knell, Edward, Hill, Matthew E
- 2010 68th Annual Plains Anthropological Conference, *Reexamination of the Finley Site Faunal Assemblage* Presenters/Authors: Hill, Matthew E, Reynolds, Cerisa
- 2006 64th Annual Plains Conference, *Late Quaternary Bison Diminution: The Role of Human Hunting versus Climate-Change* Presenters/Authors: Hill, Matthew E, Hill, Matthew G, Widga, Chris

**Symposium****International**

- 2014 International Conference of Archaeozoology, *The Zooarchaeology of New Worlds Ungulates*, International Council for Archaeozoology, San Rafael, Argentina Peer-Reviewed/Refereed Presenters/Authors: Wolverton, Steve, Mucciolo, Leonardo, Hill, Matthew E
- 2006 International Conference of Archaeozoology, *Zooarchaeology of the Late Pleistocene/Early Holocene in the Americas.*, International Council for Archaeozoology, Mexico City, Mexico Peer-Reviewed/Refereed Presenters/Authors: Hill, Matthew E
- 2005 Society for American Archaeology, *Current Perspectives on Bison Paleoecology and Archaeology*, Society for American Archaeology, Salt Lake City, Utah, United States Peer-Reviewed/Refereed Presenters/Authors: Hill, Matthew E, Widga, Chris

**National**

- 2014 Plains Anthropological Society Conference, *A Pueblo on the Plains: Dismal River Aspect and Puebloan Community Dynamics and Lifestyles in Western Kansas*, Plains Anthropological Society, Fayetteville, Arkansas Presenters/Authors: Hill, Matthew E, Beck, Margaret E Student Presenters/Authors: Trabert, Sarah J
- 2008 66th Annual Plains Anthropological Conference., *George C. Frison and Plains Archaeology*, Plains Anthropological Society, Laramie, Wyoming, United States Presenters/Authors: Walker, Danny, Kay, Marvin, Hill, Matthew E

**workshop**  
**International**

2010

*Neotoma Workshop: Launching Phase 2 of Neotoma Palaeocommunity Database*  
Presenters/Authors: Hill, Matthew E

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**SERVICE TO THE INSTITUTION****Department**

2018 - 2022 Director of Graduate Studies, Director  
 2018 - 2022 Graduate Admission Committee, Chair  
 2016 - 2022 Anthropology Executive Committee, Member  
 2017 - 2019 Tenure Review Committee, Member  
 2012 - 2019 Space and Equipment Committee, Chair  
 2010 - 2019 Department Liaison to Office of the State Archaeologist, Liaison  
 2017 - 2018 Tenured Peer Review Committee, Member  
 2016 - 2018 Director of Curriculum, Director  
 2017 - 2018 New Graduate Student Mentor, Member  
 2016 - 2017 Department Self Study Committee, Member  
 2010 - 2016 Liaison to Plum Grove, Liaison  
 2014 - 2015 Colloquium Committee, Chair  
 2014 - 2015 Third Year Review Committee for Untenured Faculty, Member  
 2014 Spriestersbach Prize Committee, Member  
 2012 - 2014 Website Committee, Chair  
 2010 - 2013 MacBride Hall Building, Program Coordinator  
 2009 - 2013 Graduate Admission Committee, Member  
 2009 - 2013 Undergraduate Advisor, Member  
 2012 Spriestersbach Prize Committee, Member  
 2011 - 2012 Lithic Archaeologist Job Search, Member  
 2011 - 2012 Major Fair, Department Representative  
 2010 - 2011 Museum Studies Program Committee, Member  
 2010 - 2011 Space and Equipment Committee, Member  
 2010 - 2011 Space and Equipment Committee, Member  
 2008 - 2011 Website Committee, Member  
 2008 - 2010 Newsletter Advisor, Member

**College**

2021 Departmental Review for Communication Science and Disorder, Member  
 2019 - 2020 General Education CLAS Core Review Committee, Member  
 2016 - 2019 CLAS Graduate Educational Policy Committee, Member  
 2018 GE CLAS Core Workshop: Demystifying General Education, Member  
 2017 CLAS 20/20 Tenured Ideation Charrette, Member  
 2015 CLAS General Education Values, Society, and Diversity Review Committee, Chair  
 2012 - 2015 CLAS - General Education Curriculum Committee, Member  
 2013 - 2015 CLAS - General Education Curriculum Committee, Chair  
 2009 CLAS - Faculty Assembly, Member

**University**

2019 - Present 2030 Sustainability Goals Task Force, UI Sustainability Charter Committee, Member  
 2020 - 2022 Arts & Humanities Initiative (AHI) Review Committee, Member  
 2019 - 2020 2020 Goals for Sustainability Subcommittee, UI Sustainability Charter, Member  
 2020 Center for Global and Regional Environmental Research Seed Grant Progra, Reviewer, Grant Proposals  
 2019 Class of 2023 Convocation, Faculty Participant  
 2016 - 2019 Early Career Faculty Academy, Office of Teaching, Learning and Technology, Faculty Mentor  
 2015 - 2019 Jakobsen Conference Paper Competition, Judge

2019 Center for Global and Regional Environmental Research Seed Grant Progra, Reviewer, Grant Proposals

2018 Class of 2022 Convocation, Faculty Participant

2017 Class of 2021 Convocation, Faculty Participant

2010 - 2013 Jakobsen Conference Paper Competition, Judge

2012 Center for Global and Regional Environmental Research, Seed Grant Program, Reviewer, Grant Proposals

2012 First Generation Hawkeye Reception, Attendee

2010 - 2012 Faculty Senate, Non-Tenured II (replacement), Member

2011 Office of the Vice President for Research, Arts & Humanities Initiative (AHI) Review Panel, Reviewer, Grant Proposals

2010 External Reviewers for the Office of the Vice President for Research's review the Pentacrest Museums, Consultant