

## DAVID KEITH WRIGHT

### CURRICULUM VITA

#### CONTACT INFORMATION

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<https://orcid.org/0000-0003-1704-0423>

#### EDUCATION

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1999 – 2005	Doctor of Philosophy (Ph.D.) in Anthropology (Archaeology) University of Illinois at Chicago/Field Museum joint program Thesis: <i>Environment, Chronology and Resource Exploitation of the Pastoral Neolithic in Tsavo, Kenya</i> . Chapurukha M. Kusimba, Chair
1997 – 1999	Master of Arts (M.A.) in Anthropology University of Illinois at Chicago/Field Museum joint program
1993 – 1996	Bachelor of Arts (B.A.), <i>Summa Cum Laude</i> , German and English Wayne State University, Detroit
1991 – 1993	Eastern Michigan University, Ypsilanti

#### RESEARCH INTERESTS

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- Geoarchaeology, landscape archaeology, human-environment interactions
- Prehistoric Africa, American Southwest and Midwest, East Asia, Amazonia
- Optically Stimulated Luminescence, radiocarbon dating
- Quantitative methods, Geographic Information Systems
- Geomorphology and site taphonomy applied to Cultural Resource Management practices

#### POSITIONS HELD

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2019 – Present	<b>Associate Professor</b> , Department of Archaeology, Conservation and History, University of Oslo, Norway
2016 – 2019	<b>Associate Professor</b> , Department of Archaeology and Art History, Seoul National University, South Korea
2014 – 2018	<b>Associate Fellow</b> , Department of Archaeology, University of York, United Kingdom
2010 – 2016	<b>Assistant Professor</b> , Department of Archaeology and Art History, Seoul National University, South Korea
2008 – 2010	<b>Project Director</b> , Cultural Resource Management Program, Gila River Indian Community, Sacaton, Arizona
2008 – 2010	<b>Adjunct Faculty</b> , School of Human Evolution and Social Change (SHESC), Arizona State University (ASU), Tempe
2005 – 2008	<b>Post-Doctoral Research Associate</b> , Public Service Archaeology Program, University of Illinois at Urbana-Champaign
2003 – 2005	<b>Field Supervisor</b> , Public Service Archaeology Program, University of Illinois at Urbana-Champaign
1999 – 2005	<b>Research Associate</b> , African Ethnology and Archaeology, Field Museum, Chicago
1998 – 2002	<b>Adjunct Instructor</b> , Department of Sociology and Anthropology, Indiana University Northwest, Gary
1997 – 2004	<b>Teaching Assistant</b> , Department of Geography, Department of Anthropology, Department of Earth and Environmental Sciences, University of Illinois at Chicago

**SHORT BIOGRAPHY**

My path to academia was non-traditional as I supported myself through school working odd jobs, managing an apartment building in Detroit, playing guitar for a reggae band professionally and driving a truck for FedEx. After graduate school I worked in contract archaeology until I accepted an academic position in 2010. These experiences gave me a broad perspective on life and appreciation for the value of getting dirt under one's fingernails. My research focus is very broad geographically, but methodologically concerned with using remote sensing and geoarchaeological tools to understand how humans adapt to and affect climate change. My teaching style reflects my non-traditional path as I engage students in workshop settings and drawing in experiences from my numerous travels around the world. I work with students' research interests to develop projects along new avenues. My conference participation and publication track record reflect my collegial approach to research as I tend to work with large research groups, mentoring students in the process, toward better delineating human-ecological relationships.

**RESEARCH AND TEACHING HIGHLIGHTS**

- 35 peer-reviewed publications published or in review (20 since 2015), 9 book chapters, 34 conference presentations (16 since 2015), 23 invited presentations
- 796 citations (494 since 2015) according to Google Scholar, 15 h-index
- Top 5% page views of researchers on Academia.edu, 24.97 impact factor on ResearchGate
- >US\$1,000,000 in research funding since 2010
- Active, ongoing research projects in Cameroon, Kenya, Malawi, Brazil, Arizona and Korea
- Multilingual and proficient in numerous computer software programs and survey hardware

**PUBLICATIONS***Refereed Journal Articles:*

- [35] Thompson, Jessica C.; **Wright, David K.**; Ivory, Sarah J. (*In revision*) The emergence and intensification of early hunter-gatherer niche construction. *Evolutionary Anthropology*.
- [34] **Wright, David K.**; Kim, Junkyu; Park, Jiyoung; Yang, Jiwon; Kim, Jangsuk (2020) Spatial modeling of archaeological site locations based on summed probability distributions and hot-spot analyses: A case study from the Three Kingdoms Period, Korea. *Journal of Archaeological Science* 113:105036.
- [33] Stevens, Lucas; Fuller, Dorian; Boivin, Nicole;... ARCHAEOGLOBE Project members 109<sup>th</sup> out of 120 authors arranged alphabetically...; Ellis, Erle (2019) Archaeological assessment reveals Earth's early transformation through land use. *Science* 365:897-902.
- [32] **Wright, David K.** (2019) Long-term dynamics of pastoral ecology in northern Kenya: An old model for new resilience. *Journal of Anthropological Archaeology* 55:101068.
- [31] **Wright, David K.**; MacEachern, Scott; Ambrose, Stanley H.; Choi, Jungyu; Choi, Jeong-Heon; Lang, Carol; Wang, Hong (2019) Iron Age landscape changes in the Benoué River Valley, Cameroon. *Quaternary Research* 92(2):323-339.
- [30] Nightingale, Sheila; Schilt, Flora; Thompson, Jessica C.; **Wright, David K.**; Forman, Steven L.; Mercader, Julio; Moss, Patrick; Clarke, Siobhan; Itambu, Makarius; Gomani-Chindebvu, Elizabeth; Welling, Menno (2019) Late Middle Stone Age behavior and environments at Chaminade I (Karonga, Malawi). *Journal of Paleolithic Archaeology* 2(3):258-297.
- [29] Kim, Jangsuk; **Wright, David K.**; Hwang, Jaehoon; Kim, Junkyu; Oh, Yongje (2019) The old wood effect revisited: A comparison of radiocarbon dates of wood charcoal and short-lived taxa from Korea. *Archaeological and Anthropological Sciences* 11(7):3435-3448.
- [28] Marchant, Rob; Richer, Suzi; Boles, Oliver...; **Wright, David K.** (54<sup>th</sup> out of 54 authors arranged alphabetically) (2018) Drivers and trajectories of land cover change in East Africa: Human and environmental interactions from 6000 years ago to present. *Earth-Science Reviews* 178:322-378.
- [27] Thompson, Jessica C.; Mackay, Alex; Nightingale, Sheila; **Wright, David K.**; Choi, Jeong-Heon; Welling, Menno; Blackmore, Hari; Gomani-Chindebvu, Elizabeth (2018) Ecological risk, demography, and technological complexity in the Late Pleistocene of northern Malawi: Implications for geographical patterning in the Middle Stone Age. *Journal of Quaternary Science* 33(3):261-284.

- [26] Park, Jiyoung; **Wright, David K.**; Kim, Jangsuk (2017) Change in settlement distribution and the emergence of an early state: A spatial analysis of radiocarbon dates from southwestern Korea. *Radiocarbon* 59(6):1779-1791.
- [25] **Wright, David K.** (2017) Accuracy vs. precision: Understanding potential errors from radiocarbon dating on African landscapes. *African Archaeological Review* 34(3):303-319.
- [24] **Wright, David K.**; MacEachern, Scott; Choi, Jungyu; Choi, Jeong-Heon; Lang, Carol; Djoussou, Jean-Marie Datouang (2017) Iron Age landscapes of the Benue River Valley, Cameroon. *Journal of Field Archaeology* 42(5):394-407.
- [23] Rost, Stephanie; **Wright, David K.**; Woodson, M. Kyle (2017) Application of remote sensing technologies in detecting prehistoric canals of the Hohokam Period (AD 450–1450) in the Middle Gila River Valley, Arizona. *Archaeological and Anthropological Sciences* 9:295-315.
- [22] **Wright, David K.** (2017) Humans as agents in the termination of the African Humid Period. *Frontiers in Earth Science* 5(4):[DOI: 10.3389/feart.2017.00004](https://doi.org/10.3389/feart.2017.00004).
- [21] **Wright, David K.**; Thompson, Jessica C.; Schilt, Flora; Cohen, Andrew S.; Choi, Jeong-Heon; Mercader, Julio; Nightingale, Sheila; Miller, Christopher; Mentzer, Susan; Walde, Dale; Welling, Menno; Gomani-Chindebvu, Elizabeth (2017) Approaches to Middle Stone Age landscape archaeology in tropical Africa. *Journal of Archaeological Science* (Special issue: Geoarchaeology of the Humid Tropics; Michael Morley and Paul Goldberg, [Eds.]) 77:64-77.
- [20] **Wright, David K.**; Grillo, Katherine M.; Soper, Robert (2016) Stone cairns and material culture of the middle to late Holocene, western Lake Turkana. *Journal of African Archaeology* 14(2):209-222.
- [19] **Wright, David K.**; Forman, Steven L. (2016) Comment on “Environmental change and human occupation of southern Ethiopia and northern Kenya during the last 20,000 years.” *Quaternary Science Reviews* 141:126-129.
- [18] Kim, Jangsuk; **Wright, David K.**; Lee, Youngseon; Lee, Jaeyong; Choi, Seonho; Kim, Junkyu; Ahn, Sung-Mo; Choi, Jongtaik; Seong, Chuntaek; Hwang, Jaehoon; Yang, Hyemin; Yang, Jiwon (2016) AMS dates from two archaeological sites of Korea: Blind tests. *Radiocarbon* 58(1):1-16.
- [17] **Wright, David K.**; Forman, Steven L.; Kiura, Purity; Bloszies, Christopher; Beyin, Ammanuel (2015) Lakeside view: Socio-cultural responses to changing water levels of Lake Turkana, Kenya. *African Archaeological Review* (Special issue: New Environmental Research and Techniques in Africa; Roderick McIntosh, Jean Maley, and Robert Vernet, [Eds.]) 32(2):335-367.
- [16] Bloszies, Christopher; Forman, Steven L.; **Wright, David K.** (2015) Water level history for Lake Turkana, Kenya in the past 15,000 years and a variable transition from the African Humid Period to Holocene aridity. *Global and Planetary Change* 132:64-76.
- [15] **Wright, David K.**; MacEachern, Scott; Lee, Jaeyong (2014) Analysis of feature intervisibility and cumulative visibility using GIS, Bayesian and spatial statistics: A study from the Mandara Mountains, northern Cameroon. *PLoS ONE* 9(11):e112191. [DOI: 10.1371/journal.pone.0112191](https://doi.org/10.1371/journal.pone.0112191).
- [14] **Wright, David K.**; McGowan, Kevin P.; Flynn, Christopher; Stretton, Sean; Prchal, Marcy; Brannock-Gaul, Susan (2014) A geo-historical study of site formation at a 19<sup>th</sup> century farmstead in Lake County, Illinois. *International Journal of Historical Archaeology* 18(4):726-751.
- [13] Forman, Steven L.; **Wright, David K.**; Bloszies, Christopher (2014) Variations in water level for Lake Turkana in the past 8500 years near Mt. Porr, Kenya and the transition from the African Humid Period to Holocene aridity. *Quaternary Science Reviews* 97:84-101.
- [12] **Wright, David K.**; Thompson, Jessica C.; Mackay, Alex; Welling, Menno; Forman, Steven L.; Price, Gilbert; Zhao, Jian-xin; Cohen, Andrew S.; Malijani, Oris; Gomani-Chindebvu, Elizabeth (2014) Renewed geoarchaeological investigations of the “Elephant Butchery Site” at Mwanganda’s Village, Karonga, Malawi. *Geoarchaeology* 29(2):98-120.
- [11] **Wright, David K.**; Darling, J. Andrew; Lewis, Barnaby V.; Fertelmes, Craig M.; Loendorf, Chris; Williams, Leroy; Woodson, M. Kyle (2013) The anthropology of dust: Community responses to wind-blown sediments within the Middle Gila River Valley, Arizona. *Human Ecology* 41(3): 423-435.
- [10] **Wright, David K.**; Waters, Michael R.; Loendorf, Chris; Woodson, M. Kyle; Miles, Wesley D.; Darling, J. Andrew (2013) Late Archaic wells on the Gila River Indian Community, Arizona. *Journal of Archaeological Science* 40(1):45-57.

- [9] Thompson, Jessica C.; Mackay, Alex; **Wright, David K.**; Welling, Menno; Greaves, Amanda; Gomani-Chindebvu, Elizabeth; Simengewa, Davie (2012) Renewed investigations into the Middle Stone Age of northern Malawi. *Quaternary International* 270:129-139.
- [8] **Wright, David K.**; Forman, Steven L.; Waters, Michael R.; Ravesloot, John C. (2011) Holocene eolian activity as a proxy for broad-scale landscape change on the middle Gila River, Arizona. *Quaternary Research* 76:10-21.
- [7] **Wright, David K.** (2011) Frontier animal husbandry in the Northeast and East African Neolithic: A multiproxy paleoenvironmental and paleodemographic study. *Journal of Anthropological Research* 67(2):213-244.
- [6] Miles, Wesley D.; **Wright, David K.**; Woodson, M. Kyle (2010) Hohokam irrigated fields near Upper Santan Village on the Gila River. *Journal of Arizona Archaeology* 1(1):20-32.
- [5] **Wright, David K.**; Forman, Steven L.; Kusimba, Chapurukha M.; Pierson, James; Gomez, Jeanette; Tattersfield, Peter (2007) Stratigraphic and geochronological context of human habitation along the Galana River, Kenya. *Geoarchaeology* 22(7):709-730.
- [4] **Wright, David K.** (2007) Tethered mobility and riparian resource exploitation among Neolithic hunters and herders in the Galana River Basin, Kenyan Coastal Lowlands. *Environmental Archaeology* 12(1):25-47.
- [3] Booth, Robert K.; Jackson, Stephen T.; Forman, Steven L.; Kutzbach, John E.; Bettis, E. A.; Kreig, Joseph; **Wright, David K.** (2005) A severe centennial-scale drought in midcontinental North America 4200 years ago and apparent global linkages. *The Holocene* 15(3):321-328.
- [2] Kusimba, Chapurukha M.; Kusimba, Sibel B.; **Wright, David K.** (2005) The development and collapse of precolonial ethnic mosaics in Tsavo, Kenya. *Journal of African Archaeology* 3(2):345-365.
- [1] **Wright, David K.** (2005) New perspectives on early regional interaction networks in East Africa: A view from Tsavo National Park, Kenya. *African Archaeological Review* 15(3):111-141.

*Book Chapters:*

- [9] **Wright, David K.** (2018) Humans as agents in the termination of the African Humid Period. In *Frontiers in Earth Science - Editor's Choice 2017*, Acocella, V., (Ed.). Pp. 111-125. Frontiers Media, Lausanne, Switzerland. DOI: 10.3389/978-2-88945-449-5
- [8] **Wright, David K.** (2017) East and southern African Neolithic: Geography and overview. In *Encyclopedia of Global Archaeology*, C. Smith (Ed.). Springer, New York. [https://doi.org/10.1007/978-3-319-51726-1\\_1888-2](https://doi.org/10.1007/978-3-319-51726-1_1888-2).
- [7] **Wright, David K.** (2017) Palaeoenvironmental science: Methods. In *Oxford Research Encyclopedia of African History*, Thomas Spear (Ed.). Oxford University Press, Oxford. DOI:10.1093/acrefore/9780190277734.013.211
- [6] Cornelissen, Els; de Maret, Pierre; **Wright, David K.** (2017) By means of example (within Chapter 5: Ecofacts and related studies). In *Field Manual for African Archaeology / Manuel de Terrain en Archéologie Africaine*, Alexandre Livingstone Smith, Els Cornelissen, Olivier Gosselain, Scott MacEachern (Eds.). Pp. 34 / 237. Royal Museum for Central Africa, Brussels.
- [5] **Wright, David K.** (2017) Other radiometric dating techniques (within Chapter 5: Ecofacts and related studies). In *Field Manual for African Archaeology / Manuel de Terrain en Archéologie Africaine*, Alexandre Livingstone Smith, Els Cornelissen, Olivier Gosselain, Scott MacEachern (Eds.). Pp. 35-40 / 237-242. Royal Museum for Central Africa, Brussels.
- [4] **Wright, David K.** (2017) Relative dating techniques (within Chapter 5: Ecofacts and related studies). In *Field Manual for African Archaeology / Manuel de Terrain en Archéologie Africaine*, Alexandre Livingstone Smith, Els Cornelissen, Olivier Gosselain, Scott MacEachern (Eds.). Pp. 41-43 / 243-246. Royal Museum for Central Africa, Brussels.
- [3] **Wright, David K.** (2014) East and southern African Neolithic: Geography and overview. In *Encyclopedia of Global Archaeology*, C. Smith (Ed.). Pp. 2281-2298. Springer, New York.
- [2] **Wright, David K.** (2013) Fits and starts: Why did domesticated animals 'trickle' before they 'splashed' into Sub-Saharan Africa? In *Comparative Archaeology and Paleoclimatology: Socio-cultural Responses to a Changing World*, M. O. Baldia, T. Perttula, and D. Frink (Eds.). BAR International Series 2456. Pp. 63-82. Archaeopress, Oxford.
- [1] **Wright, David K.** (2008) Prehistory: East Africa. In *New Encyclopedia of Africa, 2<sup>nd</sup> Edition*. Joseph C. Miller, editor. Vol. 4, P. 211, Thomson/Gale, Detroit.

*Other Publications/Media Mentions:*

- [20] Griggs, Mary Beth (2018) Adding clean energy to the Sahara could make it rain (and not just figuratively). *Popular Science* ([comment](#)) [September 8, 2018](#).
- [19] Boissoneault, Lorraine (2018) Rat bones reveal how humans transformed their island environments. *Smithsonian Magazine* ([comment](#)). [June 7, 2018](#).
- [18] **Wright, David K.** (2017) An Introduction to QGIS: National Museums of Kenya Training Manual. [Unpublished training resource](#) developed for Digital Divide Data and Amazon Web Services.
- [17] Montenegro, Raul (2017) E o homem criou o Saara. (Media coverage of published article) [Istoé](#) [May 5, 2017](#).
- [16] Boissoneault, Lorraine (2017) What really turned the Sahara Desert From a green oasis into a wasteland? (Media coverage of published article) [Smithsonian Magazine](#) [March 24, 2017](#).
- [15] Deaton, Jeremy (2017) The Sahara Desert used to be green and lush. Then humans showed up. (Media coverage of published article) [Popular Science](#) [March 21, 2017](#).
- [14] **Wright, David K.** (2017) Humans may have transformed the Sahara from lush paradise to barren desert. [The Conversation](#) [March 16, 2017](#).
- [13] Fraser, Nicholas (2017) Did humans create the Sahara Desert? [Frontiers Blog](#) [March 15, 2017](#).
- [12] Brodie, Mark (2017) What happened to monsoons that turned green Sahara brown? (Media coverage of published article) *KJZZ's The Show* [February 22, 2017](#).
- [11] **Wright, David K.** (2017) Review of Jasper Knight and Stephan W. Grab (eds.), *Quaternary Environmental Change in Southern Africa: Physical and Human Dimensions*; Cambridge University Press, Cambridge, 2016, 436 pp. ISBN 978-1-107-05579-7. *Journal of African Archaeology* 15(1):129-136.
- [10] Stewart, Naomi (2016) Smoke signals: DNA adaptation helped early humans deal with toxic fumes. *The Guardian Science Section* ([comment](#))
- [9] **Wright, David K.** (2013) Bystander to Chinese investments in Africa. *Korea Focus* Politics Section, August 2013.
- [8] **Wright, David K.** (2013) 아프리카에서 본 중국과 한국 (China vs. Korea in Africa). [Chosun Ilbo Editorial Section](#), [June 18, 2013](#).
- [7] **Wright, David K.** (2012) Still in defense of evolutionary theory. [Korea Times Editorial Section](#), [June 27, 2012](#).
- [6] **Wright, David K.** (2012) In defense of evolution curriculum in Korea. [Korea Times Editorial Section](#), [June 15, 2012](#).
- [5] **Wright, David K.**; Forman, Steven L. (2011) Holocene occupation of the Mount Porr strand plain in southern Lake Turkana, Kenya. *Nyame Akuma* 76:47-62.
- [4] **Wright, David K.** (2005) [Environment, Chronology and Resource Exploitation of the Pastoral Neolithic in Tsavo, Kenya](#). PhD Dissertation, Department of Anthropology, University of Illinois at Chicago.
- [3] **Wright, David K.** (2004) Results of recent archaeological work in Tsavo East National Park, Kenya. *Nyame Akuma* 61:39-42.
- [2] **Wright, David K.** (2003) Archaeological investigations of three Pastoral Neolithic sites in Tsavo National Park, Kenya. *Azania* 38:183-188.
- [1] **Wright, David K.** (2003) Survey, excavation and preliminary analysis of Pastoral Neolithic sites, Tsavo, Kenya. *Nyame Akuma* 59:54-61.

*Selected Cultural Resource Management Reports (100+ authored/co-authored reports not listed):*

- [22] Thompson, J.C., de Moor, V., Schilt, F., Mentzer, S., Bravo Foster, M., Robinson, S., Nightingale, S., Mackay, A., Zipkin, A., **Wright, David K.**, Welling, M., Malijani, O., and Gomani-Chindebvu, E. (2013) Malawi Earlier-Middle Stone Age Project – 2012 Preliminary Project Report. Unpublished report submitted to Malawi Department of Antiquities.
- [21] **Wright, David K.** (2012) *D.U.S.T. – Developing Understanding of Sediment Transport in the Middle Gila River Valley, Arizona*. P-MIP Tec Report No. 2011-13. Cultural Resource Management Program. Gila River Indian Community, Sacaton, Arizona.
- [20] **Wright, David K.**; Waters, Michael R.; and Loendorf, Chris (2010) *Archaic Wells and Alluvial Stratigraphy of McClellan Wash within the Gila River Indian Community, Arizona*. P-MIP Tec

- Report No. 2008-04. Cultural Resource Management Program. Gila River Indian Community, Sacaton, Arizona.
- [19] **Wright, David K.** and Waters, Michael R. (2010) *Results of Geomorphic Test Excavations along the Middle Gila River within the Gila River Indian Community, Arizona*. P-MIP Report No. 11. Cultural Resource Management Program. Gila River Indian Community, Sacaton, Arizona.
- [18] **Wright, David K.** (2009) *Archaeological Testing and Data Recovery for a Proposed Parking Lot at the Old Executive Ki (Hospital Site, GR-915) in Sacaton, Pinal County, Arizona*. CRMP Technical Report 2008-14. Cultural Resource Management Program, Gila River Indian Community, Sacaton, Arizona.
- [17] **Wright, David K.**; Prchal, Marcy A. (2008) *Archaeological Reconnaissance of the Proposed 1700-Acre Intermodal Transportation Facility in Grundy County, Illinois*. PSAP Project 08-075. Report submitted to the Illinois State Historic Preservation Office.
- [16] **Wright, David K.**; McGowan, Kevin P.; Flynn, Christopher; Prchal, Marcy A., (2008) *Cultural Resources Investigations for the Southern Access Pipeline Stage 2 Project in Illinois, Fall 2007-Spring 2008*. PSAP Project 06-324. Report submitted to the Illinois State Historic Preservation Office.
- [15] **Wright, David K.**; McGowan, Kevin P.; Flynn, Christopher (2007) *Cultural Resources Investigations for the Southern Access Pipeline Stage 2 Project in Illinois, Fall 2006-Summer 2007*. PSAP Project 06-324. Report submitted to the Illinois State Historic Preservation Office.
- [14] Prchal, Marcy, **Wright, David K.**; Flynn, Christopher; McGowan, Kevin P. (2007) *National Register of Historic Places Evaluation of 11MH463 in McHenry County, Illinois*. PSAP Research Report No. 115. Report submitted to the Illinois State Historic Preservation Office.
- [13] **Wright, David K.**; Balek, Cynthia; Adams, Brian; Kalosky, Ethan (2006) *Phase Ia Archaeological and Geomorphological Reconnaissance for a Proposed Biofuels Plant in Posey County, Indiana*. PSAP Project 06-290. Report submitted to the Indiana Department of Natural Resources.
- [12] **Wright, David K.**; Flynn, Christopher; McGowan, Kevin P. (2006) *National Register of Historic Places Evaluation of 11WI2923 in Will County, Illinois*. PSAP Research Report No. 101. Report submitted to the Illinois State Historic Preservation Office.
- [11] **Wright, David K.**; Flynn, Christopher; McGowan, Kevin P. (2006) *National Register of Historic Places Evaluation of 11WI3232 and 11WI3233 in Will County, Illinois*. PSAP Research Report No. 107. Report submitted to the Illinois State Historic Preservation Office.
- [10] **Wright, David K.**; Flynn, Christopher; McGowan, Kevin P.; Balek, Cynthia (2006) *Phase I Archaeological Reconnaissance for the Proposed NBPL-IA/MN State Line E-Line (E-Line)/J-Line Abandonment Natural Gas Pipeline in North Central Iowa*. PSAP Project 05-292. Report submitted to the Iowa State Historic Preservation Office.
- [9] **Wright, David K.**; McGowan, Kevin P. (2006) *National Register of Historic Places Evaluation of 11MH337 in McHenry County, Illinois*. PSAP Research Report No. 98. Report submitted to the Illinois State Historic Preservation Office.
- [8] **Wright, David K.**; McGowan, Kevin P.; Walz, Gregory R.; Kalosky, Ethan; Flynn, Christopher (2006) *National Register of Historic Places Evaluation of 47KN0032, 47KN0403 and 47KN0404 in Kenosha County, Wisconsin*. PSAP Research Report No. 106. Report submitted to the Wisconsin State Historic Preservation Office.
- [7] **Wright, David K.** (2005) *Archaeological Reconnaissance of the Proposed 61-Acre Red Oak Subdivision in McHenry County, Illinois*. PSAP Project 05-016. Report submitted to the Illinois State Historic Preservation Office.
- [6] **Wright, David K.** (2005) *Archaeological Reconnaissance of the Proposed Milan Sewer Forcemain Extension in Rock Island County, Illinois*. PSAP Project 05-141. Report submitted to the Illinois State Historic Preservation Office.
- [5] **Wright, David K.**; Flynn, Christopher; McGowan, Kevin P. (2005) *National Register of Historic Places Evaluation of 11K885 in Kane County, Illinois*. PSAP Research Report No. 89. Report submitted to the Illinois State Historic Preservation Office.
- [4] **Wright, David K.**; Flynn, Christopher; McGowan, Kevin P. (2005) *National Register of Historic Places Evaluation of 11MH441 in McHenry County, Illinois*. PSAP Research Report No. 94. Report submitted to the Illinois State Historic Preservation Office.

- [3] **Wright, David K.**; McGowan, Kevin P.; Forman, Steven L. (2005) *National Register of Historic Places Evaluation of Five Sites at the Bluffs of Case Creek in Rock Island County, Illinois*. PSAP Research Report No. 95. Report submitted to the Illinois State Historic Preservation Office.
- [2] **Wright, David K.**; McGowan, Kevin P. (2004) *Phase Ia Archaeological Reconnaissance of a 2.8-Acre Lake Hills County Club Property Addition in Lake County, Indiana*. PSAP Project 04-135. Report submitted to the Indiana Department of Natural Resources.
- [1] McGowan, Kevin P.; Flynn, Christopher; McDowell, Jacqueline M.; Prchal, Marcy; Smith, Michael; Walz, Gregory R.; Whittaker, Bill; **Wright, David K.**, (2003) *Treatment Plan Results from 11D239 for the Guardian Pipeline Project*. PSAP Research Report No. 22. Report submitted to the Illinois State Historic Preservation Office.

## PRESENTATIONS

### *Presentations at Professional Conferences:*

- [36] **Wright, David K.**; Choi, J-H.; Thompson, J.C.; Gomani-Chindebvu, E. (2019) Construction of Pleistocene geochronologies in central Africa: Luminescence dating in northern Malawi. *Society for American Archaeologists* 84<sup>th</sup> Annual Meeting, Albuquerque, NM. (Session co-chair and co-organizer with Amanuel Beyin: "Recent Advances and Debates in the Pleistocene Archaeology of Africa")
- [35] Thompson, J.C.; **Wright, David K.**; Ivory, S.J.; Choi, J-H.; Gomani-Chindebvu, E. (2019) Archaeological proxies of early modern human niche construction in northern Malawi. *Society for American Archaeologists* 84<sup>th</sup> Annual Meeting, Albuquerque, NM.
- [34] **Wright, David K.**; Thompson, J.C., and Ivory, S.J. (2018) "Scales of impact: The human dimensions of landscape change from the Paleolithic to Iron Age, Malawi". *Society of Africanist Archaeologists* 24<sup>th</sup> Biennial Meeting, University of Toronto, Toronto, ON.
- [33] **Wright, David K.** (2018) Archaeology in the Age of the Anthropocene: How I learned to stop worrying and love the bomb. *Society for American Archaeologists* 83<sup>rd</sup> Annual Meeting, Washington, DC. (Session co-chair and co-organizer with Todd Braje: "Archaeological Perspectives on the Anthropocene")
- [32] **Wright, David K.**; Thompson, J.C.; Ivory, S.J.; Welling, M.; Choi, J-H.; Cohen, A.; Fadillah, W.; Schilt, F.; Heimsath, A.; Arrowsmith, J.R.; Mentzer, S.; Miller, C.; Gomani-Chindebvu, E. (2018) Large-scale anthropogenic landscape change in the Middle Stone Age of Malawi. *Paleoanthropology Society Conference*, Austin, TX.
- [31] **Wright, David K.**; MacEachern, Scott; Ambrose, Stanley (2017) Evolution of Iron Age to modern landscapes in the Benoué River Valley, Cameroon. *Society for American Archaeologists* 82<sup>nd</sup> Annual Meeting, Vancouver, BC.
- [30] Park, Jiyoung; **Wright, David K.**; Kim, Jangsuk (2016) Spatial-temporal change of peripheral settlements in relation to the emergence of a central polity: An example from the early Three Kingdoms period in the southwestern Korea peninsula. *<sup>14</sup>C & Archaeology*, 8<sup>th</sup> International Symposium. Edinburgh, United Kingdom.
- [29] Kang, Seungho; **Wright, David K.**; Kim, Jangsuk (2016) Radiocarbon distributions and population changes in the Early to Late Bronze Age in the central part of Korea. *<sup>14</sup>C & Archaeology*, 8<sup>th</sup> International Symposium. Edinburgh, United Kingdom.
- [28] Kim, Junkyu; Yang, Jiwon; Park, Jiyoung; **Wright, David K.**; Kim, Jangsuk (2016) A probabilistic approach for analyzing spatio-temporal patterns of sites using radiocarbon dates: Warfare and changing spatial patterns from the 1<sup>st</sup> through 7<sup>th</sup> centuries AD in Central Korea. Poster presentation at *<sup>14</sup>C & Archaeology*, 8<sup>th</sup> International Symposium. Edinburgh, United Kingdom.
- [27] **Wright, David K.**; MacEachern, Scott; Djoussou, Jean-Marie Datouang; Choi, Jungyu; Choi, Jeong-Heon; Lang, Carol; Ambrose, Stanley (2016) Landscape evolution and shifting settlement patterns in the Benoué River Valley, Cameroon. *Society of Africanist Archaeologists* 23<sup>rd</sup> Biennial Meeting, Université Toulouse Jean Jaurès, Toulouse, France.
- [26] MacEachern, Scott; **Wright, David K.** (2016) Fieldwork on Iron Age sites of the Benoué Valley, Cameroon, in 2014. *Society for American Archaeologists* 81<sup>st</sup> Annual Meeting, Orlando, FL.

- [25] Thompson, Jessica; Mackay, Alex; Nightingale, Sheila; Schilt, Flora; **Wright, David K.** (2016) The Central African Middle Stone Age in context: Comparisons of technological adaptations. *Society for American Archaeologists* 81<sup>st</sup> Annual Meeting, Orlando, FL.
- [24] **Wright, David K.** (2015) Accuracy vs. precision: Understanding potential errors from radiocarbon dating on African landscapes. *Society for American Archaeologists* 80<sup>th</sup> Annual Meeting, San Francisco, CA. (Session co-chair and co-organizer, Issues in Building Radiocarbon Chronologies)
- [23] Schilt, Flora; Mentzer, Susan; **Wright, David K.**, Thompson, Jessica; Gomani-Chindebvu, Elizabeth (2015) Micromorphology of Middle to Later Stone Age Sites at Mwanganda's Village, northern Malawi. *Society for American Archaeologists* 80<sup>th</sup> Annual Meeting, San Francisco, CA.
- [22] **Wright, David K.**; Choi, Jeong-Heon; Schlit, Flora; Foster, Marina Bravo; Fink, David; Thompson, Jessica C.; Nightingale, Sheila; Heimsath, Arjun; Arrowsmith, J. Ramón; Cohen, Andrew S.; Gomani-Chindebvu, Elizabeth (2015) Alluvial fan sedimentation and Late Pleistocene climate change in the northern Malawi Rift: context and evidence for Middle Stone Age demographic change. *Paleoanthropological Society Meetings*, San Francisco, CA.
- [21] Nightingale, Sheila; Schilt, Flora; Thompson, Jessica; Davis, Jacob; Welling, Menno; **Wright, David K.**; Choi, Jeong-Heon; Gomani-Chindebvu, Elizabeth (2015) Lithic technologies of the Malawian Middle Stone Age: building a chrono-spatial framework for early modern human behavior in Central Africa. *Paleoanthropological Society Meetings*, San Francisco, CA.
- [20] **Wright, David K.**; Wright, Kristina Dziedzic (2014) *Digital Kitambo*: Taking the past into the future at the Nairobi National Museum. 14<sup>th</sup> Congress of the Pan-African Association, Johannesburg, South Africa.
- [19] **Wright, David K.**; Forman, Steven L.; Hildebrand, Elisabeth; Bloszies, Chris (2014) To fish or cut bait: Changing subsistence practices in the face of Holocene environmental changes in Turkana, Kenya. *Society for American Archaeologists* 79<sup>th</sup> Annual Meeting, Austin, TX.
- [18] Bloszies, Chris; Forman, Steven L.; **Wright, David K.** (2013) Water level changes for Lake Turkana and climate variability during the African Humid Period. *American Geophysical Union's* 46<sup>th</sup> Annual Meeting, San Francisco, CA.
- [17] Choi, Jeong-Heon; **Wright, David K.**; Thompson, Jessica; Chauhan, N.; Yeo, E. Y. (2013) Investigations on luminescence dating of alluvial fan sediments in Palaeolithic sites from northern Malawi - Preliminary results. *Geological Society of Korea* Annual Meeting, Jeju, Korea.
- [16] Schilt, Flora; Mentzer, Susan; **Wright, David K.**; Thompson, Jessica; Miller, Christopher; Gomani-Chindebvu, Elizabeth (2013) Micromorphology of the site of Mwanganda's Village Area I, northern Malawi. *Developing International Geoarchaeology (DIG) conference and the International Workshop on Archaeological Soil Micromorphology (WASM)*, Basel, Switzerland.
- [15] **Wright, David K.**; Choi, Jeong-Heon; Thompson, Jessica; Gomani-Chindebvu, Elizabeth (2013) Luminescence dating of landscape change and human evolution in northern Malawi. *Society for American Archaeologists* 78<sup>th</sup> Annual Meeting, Honolulu, HI.
- [14] Thompson, Jessica; Welling, Menno; **Wright, David K.**; Schilt, Flora; Mentzer, Susan; Foster, Marina Bravo; Robinson, Scott; Mackay, Alex; Nightingale, Sheila; de Moor, Victor; Forman, Steven; Gomani-Chindebvu, Elizabeth (2013) The later Pleistocene archaeological landscape of Karonga, Malawi. *Society for American Archaeologists* 78<sup>th</sup> Annual Meeting, Honolulu, HI.
- [13] Thompson, Jessica; Zipken, Andrew; Nightingale, Sheila; **Wright, David K.**; Choi, Jeong-Heon; Mackay, Alex; Welling, Menno; Schlit, Flora; Gomani-Chindebvu, Elizabeth (2013) New discoveries at old sites: The legacy of J. Desmond Clark in Karonga, Malawi. Poster presentation at *Paleoanthropological Society Meetings*, Honolulu, HI.
- [12] **Wright, David K.**; Forman, Steven L.; Pierson, James; Gomez-Mazzacco, Jeaneth (2012) Changes in Holocene lake levels and human settlement patterns in Southeast Turkana, Kenya. *Society for American Archaeologists* 77<sup>th</sup> Annual Meeting, Memphis, TN. (Session chair)
- [11] Thompson, Jessica; **Wright, David K.**; Mackay, Alex; Welling, Menno; Forman, Steven L.; Price, Gilbert; Zhao, Jian-xin; Gomani-Chindebvu, Elizabeth (2012) Reassessment of the formation and significance of the Mwanganda's Village 'elephant butchery site', Karonga District, northern Malawi. *Paleoanthropological Society Meetings*, Memphis, TN.



- [10] **Wright, David K.**; Darling, J. Andrew; Fertelmes, Craig; Forman, Steven L.; Waters, Michael R. (2011) The archaeology of dust: Historical roots of a modern problem. Poster presentation at *Society for American Archaeologists 76<sup>th</sup> Annual Meeting*, Sacramento, CA.
- [9] Rost, Stephanie; **Wright, David K.**; Woodson, M. Kyle (2011) Application of remote sensing technologies for understanding buried canals on the Gila River Indian Community, Arizona. *Society for American Archaeologists 76<sup>th</sup> Annual Meeting*, Sacramento, CA.
- [8] Purdue, Louise E; Miles, Wesley D.; **Wright, David K.**; Woodson, M. Kyle; Adams, Karen; Palacios-Fest, Manuel R.; Phillips, Bruce G. (2011) Prehistoric agrosystems of central Arizona: A paleoenvironmental approach to the study of Hohokam irrigated fields and canals. *Society for American Archaeologists 76<sup>th</sup> Annual Meeting*, Sacramento, CA.
- [7] Forman, Steven L.; **Wright, David K.**; Pierson, James; Gomez-Mazzacco, Jeaneth (2010) Evaluating luminescence dating strategies for quartz aliquots from littoral depositional sequences, southern Lake Turkana, Kenya. *7th New World Luminescence Dating and Dosimetry Workshop*, Montreal, Canada.
- [6] Miles, Wesley D.; **Wright, David K.**; Woodson, M. Kyle (2010) Geochemistry and micromorphology of Hohokam irrigated agricultural fields on the middle Gila River. Poster presentation at *Society for American Archaeologists 75<sup>th</sup> Annual Meeting*, St. Louis, MO.
- [5] Thompson, Jessica C.; Welling, Menno; Pargeter, Justin; **Wright, David K.** (2010) The Malawi Earlier-Middle Stone Age Project: Preliminary results from 2009 fieldwork. Poster presentation at *Paleoanthropology Society Meetings*, St. Louis, MO.
- [4] Miles, W. D.; **Wright, David K.**; Woodson, M. Kyle (2008) Hohokam irrigated fields near Upper Santan Village on the Gila River. Poster presentation at *Arizona Archaeological Council Conference*, Phoenix, AZ.
- [3] Kusimba, Chapurukha M.; Kusimba, Sibel B.; **Wright, David K.** (2006) The development and collapse of precolonial ethnic mosaics in Tsavo, Kenya. *Society for American Archaeologists 71<sup>st</sup> Annual Meeting*. San Juan, Puerto Rico.
- [2] **Wright, David K.** (2003) The relevance of new understandings of early pastoralism from Tsavo, Kenya to pastoralists today. *African Studies Association Meetings*. Boston, MA.
- [1] **Wright, David K.** (2002) Filling in the gaps: The Pastoral Neolithic of Tsavo. *Society of Africanist Archaeologists*. Tucson, AZ.

*Invited Presentations:*

- [23] **Wright, David K.** (2018) A phased approach to the archaeology of the Anthropocene. Department of Anthropology, Michigan State University, East Lansing, MI.
- [22] **Wright, David K.** (2018) Can the past inform a sustainable future in desert ecosystems of northern Kenya? Underwood International College, Yonsei University, Seoul, South Korea.
- [21] **Wright, David K.** (2018) Gauging human impacts on Earth's Critical Zone: A geochronological approach. *9<sup>th</sup> International SHRIMP workshop*, Gyeongju, South Korea.
- [20] **Wright, David K.** (2017) Luminescence dating of landscape change and human evolution in northern Malawi. *Korea Basic Science Institute Geochronology Workshop*. Ochang, South Korea.
- [19] Lavin, Jenna; Wright, Kristina D.; **Wright, David K.**; Wilshire, Nicolas (2017) NMK going digital. Digital Divide Data/Amazon Web Services/Intel workshop to the National Museums of Kenya launch of museum-wide digitization initiative. Nairobi, Kenya.
- [18] **Wright, David K.** (2015) Legacies of stone: Archival and field approaches toward understanding human paleodemography in northern Kenya. Institut für Naturwissenschaftliche Archäologie, University of Tübingen, Germany.
- [17] **Wright, David K.** (2015) Legacies of stone: Archival and field approaches toward understanding human paleodemography in northern Kenya. Institute of Archaeology, University College, London.
- [16] **Wright, David K.** (2015) Can the past inform a sustainable future in desert ecosystems of northern Kenya? *L'atelier de l'anthropocène*, L'École des Hautes Etudes en Sciences Sociales, Paris, France.
- [15] **Wright, David K.** (2014) Lakeside view: Understanding human palaeogeography and landscapes in Holocene eastern Africa, *REAL AAREA EnvIron Workshop*, University of York, Great Britain.

- [14] **Wright, David K.** (2014) What does it mean to be human? 2<sup>nd</sup> Global Youth Academy Program, Beomeo Library, Daegu, South Korea.
- [13] **Wright, David K.;** Wright, Kristina Dziedzic (2014) *Digital Kitambo*: Taking the past into the future at the Nairobi National Museum. Invited lecture [sponsored](#) by the British Institute in Eastern Africa, Nairobi, Kenya.
- [12] **Wright, David K.** (2014) What does it mean to be human? Invited lecture at the Global Youth Academy, Beomeo Library, Daegu, Korea.
- [11] **Wright, David K.** (2013) Landscape history and human behavioral evolution in south-central Africa: Applying new methods to an old problem. 2013 *International Symposium on Analytical Science and Technology*, Korea Basic Science Institute, Ochang, South Korea.
- [10] **Wright, David K.** (2012) From fishing to famine: How international aid fuels conflict and hinders economic development in northern Kenya. Invited lecture presented at the Conference in the Graduate School of International and Area Studies at Hankuk University of Foreign Studies, Seoul, South Korea.
- [9] **Wright, David K.** (2012) A time traveler takes a walk: How I learned to stop worrying and love archaeology. Invited lecture presented at the “Special Lectures from the International Faculty in College of Humanities” series, Seoul, South Korea.
- [8] **Wright, David K.** (2011) Into the past: Research on modern human origins in northern Malawi. Invited lecture presented at the International Students Network for Africa symposium. Seoul, South Korea.
- [7] **Wright, David K.** (2008) Comparative observations from the Chalbi Desert and SE Kenya. Invited lecture presented at the Turkana Basin Institute Human Evolution Workshop: From Fishers to Herders, East Hampton, NY.
- [6] **Wright, David K.** (2008) The past is the future? Understanding environmental change and resource exploitation in northern Kenya. Invited lecture presented in the Department of Archaeology and Art History at Seoul National University, Seoul, South Korea.
- [5] **Wright, David K.** (2007) Cycle of dependency: Humanitarian aid and unsustainable development in the Horn of Africa. Invited lecture presented in the Center for African Studies at University of Illinois at Urbana-Champaign, Urbana, IL.
- [4] **Wright, David K.** (2007) Is charity killing Africa? Invited lecture presented in the Elgin Public Library, Elgin, IL.
- [3] **Wright, David K.** (2006) Riparian resource exploitation and human adaptive strategies in the Later Stone Age of East Africa. Invited lecture presented in the anthropology department at Stony Brook University, Stony Brook, NY.
- [2] **Wright, David K.** (2005) African cultures and environmental change. Invited lecture presented in the anthropology department at Indiana University Northwest, Gary, IN.
- [1] **Wright, David K.** (2002) Nachhaltige Entwicklung in Tsavo, Kenia. Invited lecture presented at ACACIA (Arid Climate, Adaptation and Cultural Innovation in Africa) Institute at Universität zu Köln, Cologne, Germany.

#### GRANTS, FELLOWSHIPS, AND SUPPORT

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##### *Selected Grants, Fellowships, and Support:*

- CORE (Creating Opportunities in Research and Education) grant (2018), National Research Foundation of Korea funding to train students in applied methods of historical ecology (KRW 10,000,000)
- Wenner-Gren Foundation (2017 – 2018) funding for “Investigation of Amazon Dark Earth in Caxiuanã National Forest, Brazil” (US\$20,000).
- Amazon Web Services (2017 – 2018) funding for digitization of the National Museums of Kenya archaeology and paleontology collections. Funds were managed through Digital Data Divide (US\$250,000).
- National Research Foundation of Korea (NRF; 2015 – 2016) funding for “Tropical Archaeology of Brazilian Agricultural Systems” -브라질의 농경 시스템에 대한 열대 고고학 (KRW 50,000,000).

- National Geographic Committee for Research and Exploration (2013 – 2014) grant for “The origins of a domesticated landscape: geoarchaeology of terrace systems in the Mandara Mountains of Cameroon” (with Scott MacEachern, PI; US \$20,180).
- Seoul National University Foundation (2013 – 2014) funding for “Archaeological study of political complexity and farming systems of the Mandara Mountains, Cameroon” (KRW 20,000,000).
- NRF (2013 – 2018) funding for “An Archaeological, Physical and Statistical Study of Multi-Modal Distributions of Radiocarbon Dates” - 방사성 탄소연대 편중분포 원인 규명을 위한 고고학, 물리학, 통계학 융합 연구 (with Jangsuk Kim, PI; KRW 540,000,000).
- NRF (2013 – 2014) funding for “Archaeological Assemblage Analysis of Early Food-Producing Cultures of Lake Turkana” - 선사시대 투르카나 호수 주변 지역의 식량 생산 문화와 관련된 고고학 전 유물 복합체의 분석 연구 (KRW 20,000,000).
- NRF (2012 – 2014) funding to obtain OSL ages at the Korean Basic Science Institute (with Jeong Heon Choi, co-PI) on Middle Stone Age sites in northern Malawi - 아프리카 말라위 예 대한 연구 (KRW 30,000,000).
- Australian Research Council (ARC; 2011 – 2013) funding to investigate Chitimwe-Chiwondo Bed formation processes and technological transformations between the ESA-MSA occupations of northern Malawi (with Jessica Thompson, PI; AUD \$420,000).
- SNU Settlement Fund (2011) to investigate spatial relationships between archaeological sites and the Holocene strand plain at Lake Turkana (KRW 15,000,000).
- U.S. Environmental Protection Agency grant (2011) to investigate prehistoric adaptations to dust entrainment in the Gila River Indian Community, Arizona (US \$10,000).
- U.S. Bureau of Reclamation, Pima-Maricopa Irrigation Project (2011) grant to provide a model of landform evolution and potential for buried archaeological site preservation in the McClellan Wash, Pinal County, Arizona (\$5000).
- Federal Highways Administration, American Recovery and Reinvestment Act of 2009 (awarded 2010) for Phase I geoarchaeological testing of the Vah Ki Road improvement in District 5, Gila River Indian Community, Arizona (\$33,000).
- Public Works, American Recovery and Reinvestment Act of 2009 (awarded 2010) for rock art recording and pedestrian reconnaissance of the Japanese Internment (Butte) Camp in District 5, Gila River Indian Community, Arizona (\$16,000).
- U.S. Bureau of Reclamation, Pima-Maricopa Irrigation Project (2009 – 2011) for geochemical analysis of prehistoric Hohokam agricultural fields in the Lower Santan Mitigation Zone (\$40,000).
- U.S. Bureau of Reclamation, Pima-Maricopa Irrigation Project (2010) luminescence study of Hohokam ceramic sherds recovered from house floors in off-reservation Pima Lateral mitigation zone (\$10,000).
- National Geographic Committee for Research and Exploration grant (supplemental 2008) for geoarchaeological exploration the Lake Turkana Basin, Kenya (\$13,300).
- National Geographic Committee for Research and Exploration grant (2007) for geoarchaeological reconnaissance of the Chalbi Desert and Lake Turkana Basin, Kenya (\$20,000).
- National Science Foundation Dissertation Research Grant (2003) for excavation of a potential early cattle herding site in Tsavo National Park (\$11,909).
- University of Illinois Provost’s Graduate Research Grant (2002) for processing luminescence and radiocarbon samples for my dissertation research (\$3000).
- Fulbright International Institute for Education Research Fellowship (2001) for archaeological survey and limited excavations in Tsavo National Park, Kenya (\$30,000).

*Other Grants, Fellowships, and Awards:*

- Seoul National University College of Humanities award for research dispatch to the University of York in 2014-2105 (KRW 10,000,000)
- Teaching Assistantship (UIC) 1997 – 2004: 11 classes in three departments included semester stipend + full tuition waiver

- Phi Beta Kappa National Honor Society 1997
- USAA All American Scholar 1997
- *Summa Cum Laude*, Wayne State University 1997
- Inducted into Delta Phi Alpha National German Honor Society 1996
- Instituto Italiano Per Gli Studi Filosofici (Napoli University, Italy) 1996: Paid round trip airfare + living stipend (\$1500) to attend a workshop on Spinozan philosophy and Italian language course
- Uwe Faulhaber Endowed Scholarship (Wayne State University) 1995: \$2000
- Received a scholarship to take summer courses at Albert-Ludwigs Universität, Freiburg, Germany 1994: (\$3000 travel, tuition, fees, housing, board)

#### SELECTED PROJECTS

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- (2020) • PI/co-PI (with Scott MacEachern, PI) for geoarchaeological investigation of tell mound and anthropogenic landscape formation near Garoua, northern Cameroon
- (2019) • Co-PI with Jessica Thompson (Yale University) on a geoarchaeological exploration of Later Stone Age to Iron Age sites in Mazimba, Malawi.
- (2018) • PI for a project through the Museu Paraense Emílio Goeldi in Gurupá, Brazil to examine the formation processes of *terra preta do Índio*.
- (2017) • Co-PI with Jessica Thompson (Emory University) on a geoarchaeological exploration of Later Stone Age to Iron Age sites in Mazimba, Malawi.
- PI for the *Digital Kitambo* initiative to convert the archaeology collections of the National Museums of Kenya into a digital format with online content (funded by Amazon Web Services through Digital Data Divide)
- (2016) • PI for geoscience component of Origens, Ambiente e Cultura (OCA) project through the Museu Paraense Emilio Goeldi, Caxiuaná National Forest, Brazil to examine the formation processes of *terra preta do Índio*
- PI/co-PI (with J. Andrew Darling, Jane Buikstra and M. Kyle Woodson) looking at the history of Valley Fever (*Coccoidiomycosis*) along irrigated floodplains of southern Arizona (seeking funding through the National Institutes of Health, USA)
- (2015) • PI/co-PI (with Kyungsoo Yoo, PI) seeking funding to investigate sources of anthropogenic landscapes and the evolution of farming technology in Jindo Island, South Korea
- Senior Collaborator (with Jangsuk Kim, PI) for National Research Foundation grant to recalibrate radiocarbon ages across the Korean Peninsula and construct a GIS database looking at pulses and lulls in settlement
- (2014) • PI for Korean National Research Foundation grant to investigate early food producing cultures of northern Kenya (museum archival project)
- PI/co-PI (with Scott MacEachern, PI) for a geoarchaeological investigation of tell mound sites near Garoua, northern Cameroon
- (2013) • PI for Korean National Research Foundation grant to investigate early food producing cultures of northern Kenya (museum archival project)
- Co-PI (with Jessica Thompson, lead PI) for Australian Research Council Discovery Projects grant for investigation of Middle Stone Age archaeological sites in northern Malawi
  - PI (with Jeon-Heong Choi, co-PI) for Global Research Network grant (Korean National Research Foundation) for pIR-IRSL (feldspar) dating of early Middle Stone Age sites in northern Malawi
- (2012) • Collaborating geoarchaeologist for the National Science Foundation-funded Later Prehistory of West Turkana project (Lisa Hildebrand and John Shea, co-PIs)
- Co-PI (with Jessica Thompson, lead PI) for Australian Research Council Discovery Projects grant for investigation of Middle Stone Age archaeological sites in northern Malawi
  - Director, SNU in Kenya Summer Study Abroad Program ([sites.google.com/site/snukisp/](https://sites.google.com/site/snukisp/))
- (2011) • PI for Lake Turkana Human Ecology Project investigating prehistoric subsistence and mobility from the Early to Middle Holocene, Lake Turkana
- Co-PI (with Jessica Thompson, lead PI) for Australian Research Council Discovery Projects grant for investigation of Middle Stone Age archaeological sites in northern Malawi

- PI for D\*U\*S\*T (Developing Understandings of Sediment Transport) investigating cultural and ecological precedents of PM<sub>10</sub> dust entrainment on the Gila River Indian Community, Arizona
- PI to develop a paleolandscape model of landform evolution in search of buried archaeological resources adjacent to McClellan Wash near Coolidge, Arizona
- (2010) • Project Director for archaeological resource management during homesite construction projects including data testing and data recovery within Districts 3 and 5 of Gila River Indian Community (GRIC)
- Project Director for a 3200-m geoarchaeological trenching project along Vah Ki Road within GRIC
- (2009) • Project Director for archaeological resource management during homesite construction projects including data testing and data recovery within Districts 3 and 5 of GRIC
- Contract acquisition from the United States Army Corps of Engineers for geoarchaeological assessment of 4200 acres along the Santa Cruz Wash floodway
- Project Director for archaeological resource management for Public Works projects throughout GRIC
- (2008) • PI for geoarchaeological investigations of prograded strand plain and ephemeral pastoral occupations adjacent to Lake Turkana, Kenya (National Geographic)
- Project Director for a Sedentary Period (A.D. 700) Hohokam cremation cemetery in Sacaton, AZ
- Project Director for geoarchaeological data recovery (Phase III) on prehistoric agricultural fields, Upper Santan, AZ
- Project Director for Southern Access Pipeline Expansion: Rock County, WI to Livingston County, IL Phase I and Phase II archaeological/geoarchaeological assessment/NRHP evaluations
- Project Director for NRHP evaluations of 25+ archaeological projects (Phase I and II) in the American Midwest
- (2007) • Project Director for Southern Access Pipeline Expansion: Rock County, WI to Livingston County, IL Phase I and Phase II archaeological/geoarchaeological assessment/NRHP evaluations
- Project Director for Lake County, IL historic farmstead (11L820) Phase II NRHP evaluation
- Project Director for NRHP evaluations of 50+ archaeological projects (Phase I and II) in the American Midwest
- (2006) • Project Director for Northern Border Pipeline Expansion: Hancock, Winnebago, Worth and Cerro Gordo Counties, IA Phase I archaeological/geoarchaeological assessment
- Project Director for Blue Sky/Green Field Wind Farm: Fond du Lac County, WI Phase I archaeological assessment (1200 acres)
- Project Director for Rock Island County, IL multicomponent prehistoric site Phase III (11RI749, 11RI750) mitigations
- Project Director for Rock County, WI Early to Late Archaic prehistoric sites (47KN0032, 47KN0403, 47KN0404) Phase II NRHP evaluation
- Project Director for NRHP evaluations of 60+ archaeological projects (Phase I and II) in the American Midwest
- (2005) • Project Director for Rock Island County, IL prehistoric sites (11RI369, 11RI746, 11RI748, 11RI749, 11RI750, 11RI751, 11RI773, 11RI774) Phase II geoarchaeological assessments/NRHP evaluations
- Project Director for Rock Island County, IL Sewer Construction Phase I NRHP assessment
- Project Director for Kane County, IL historic farmstead (11K885) Phase II NRHP evaluation
- Project Director for Cook County, IL Euroamerican cemetery (Sacred Heart Cemetery) Phase III mitigation
- Project Director for Cook County, IL natural gas pipeline construction Phase I (15 miles)
- Project Director for McHenry County, IL multicomponent prehistoric site (11MH337) Phase II NRHP evaluation
- Project Director for Will County, IL prehistoric site (11WI2923) Phase II NRHP evaluation
- Project Director for NRHP evaluations of 50+ archaeological projects (Phase I and II) in the American Midwest

- (2004) • PI for archaeological investigations of two sites within Tsavo National Park, Kenya (National Science Foundation Dissertation Improvement Grant)
  - Project Director for Kane County, IL historic farmstead (11K710) Phase III mitigation
  - Project Director for Kendall County, IL historic farmstead (11KE406) Phase III mitigation
  - Project Supervisor for NRHP evaluations of 10+ archaeological projects (Phase I) in the American Midwest
- (2003) • Project Supervisor for NRHP evaluations of 10+ archaeological projects (Phase I) in the American Midwest
- (2001) • PI for archaeological survey and excavations of three sites within Tsavo National Park, Kenya (Fulbright IIE)
- (2000) • Graduate assistant for archaeological survey of Tsavo East National Park and Taita Hills, eastern Kenya (Field Museum project led by Chapurukha Kusimba)
- (1998) • Crew member on excavations of Pueblo III pithouse occupations in Winslow, AZ (University of Arizona project led by Lisa Young)

#### UNIVERSITY TEACHING EXPERIENCE

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2020	Graduate topics in archaeology: Master's Thesis Writing, Archaeological field methods
2019	Graduate topics in archaeology: Geographical Information Systems, Specialization in Archaeometry; Undergraduate: Data Analysis in Archaeology
2018	Graduate topics in archaeology: Geoarchaeology; Undergraduate: The Origins of Culture
2017	Graduate topics in archaeology: Geoarchaeology; Undergraduate: Environmental Archaeology, The Anthropocene, Archaeological Methods and Theory
2016	Graduate topics in archaeology: GIS II, Writing about Archaeology; Undergraduate: The Anthropocene, The Origins of Culture ( <a href="#">Online MOOC</a> of course available), <a href="#">SNU in Brazil</a> archaeological field school.
2015	Graduate topics in archaeology: GIS I; Undergraduate: The Origins of Culture
2014	Graduate topics in archaeology: Geoarchaeology; Undergraduate: Archaeology of Human Evolution
2013	Graduate topics in archaeology: GIS II, Archaeology of Human Evolution; Undergraduate: World Prehistory, Environmental Archaeology
2012	SNU in Kenya Summer Study Abroad Program (Director)
2012	Graduate topics in archaeology: Geoarchaeology, GIS I; Undergraduate: Archaeology of Human Evolution, Archaeological Methods and Theory
2011	Graduate topics in archaeology: African Archaeology, Native North Americans; Undergraduate: World Prehistory, Archaeological Methods and Theory
2010	Undergraduate: Archaeological Methods and Theory
2010	Supervisor for the internship of Colleen Strawhacker, IGERT fellow at the School of Sustainability, Arizona State University
2008 – 2010	Supervisor for remote sensing project of the Gila River Indian Community searching for buried irrigation features with Stephanie Rost, Department of Anthropology, Stony Brook University
2008 – 2010	Supervising Cultural Resource Management and geoarchaeological training of three graduate students at Arizona State University
2008	Provided field training and stipend for University of Nairobi undergraduate student Boniface Ngira at Lake Turkana, Kenya
2007 – Present	Provide GIS training and archival support for National Museums of Kenya, Archaeology Section staff
2004	Provided field training and stipend for British Institute in Eastern Africa graduate student William Ellerby
Fall 2004, Fall 2003	Teaching Assistant for EAES 471, "Surficial Processes" at UIC
2004, 2001	Provided field training and stipend for Moi University undergraduate student/Cape Town University graduate student Paul Wahiu
Fall 2002,	Instructor for ANTH 100, "Introduction to Cultural Anthropology" at Indiana

Spring 1999, Fall 1998	University Northwest and concurrent ANTH 300 Intensive Writing curriculum
Spring 2002, Summer 1999	Teaching Assistant for ANTH 105, “Human Evolution” at UIC
Fall 2000, Fall 1998, Fall 1997	Teaching Assistant for GEOG 101, “Introduction to World Geography” at UIC
Summer 2000, Fall 1999	Teaching Assistant for ANTH 100, “Introduction to Anthropology” at UIC
Spring 1999, Spring 1998	Teaching Assistant for GEOG 105, “Human Geography” at UIC

#### UNIVERSITY STUDENT SUPERVISION

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Kjetil Julseth (UiO, MA, current 1<sup>st</sup> advisor); Jungyu Choi, Seoul National University (SNU, MA, 2019, 1<sup>st</sup> advisor); Matthew Conte, SNU (M.A., 2018, 3<sup>rd</sup> advisor); Bethel Ghebru, SNU Education Department (PhD, 2018, committee chair); Chae Yeon Park, SNU (Undergraduate thesis with CORE program, 2017, 1<sup>st</sup> advisor); Synne Frøstrup (Undergraduate exchange student from University of Oslo directed study of stable isotopes, 2017); Ujin Lee, SNU (MA, 2013, 3<sup>rd</sup> advisor); Maillez Mailys, Korean Basic Science Institute (PhD, 2012, external examiner); Yongje Oh, SNU (MA, 2010, PhD 3<sup>rd</sup> advisor); Jiyong Park, SNU (MA, 2016, 2<sup>nd</sup> advisor); Kyoung Seo, SNU (MA, 2016, 2<sup>nd</sup> advisor); Jiin Yu, SNU (MA, 2012, 3<sup>rd</sup> advisor)

#### SERVICE EXPERIENCE

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2016 – present	Associate Editor of Quaternary Science, Geomorphology and Paleoenvironment, <i>Frontiers in Earth Science</i>
2016 – 2019	President, SNU International Faculty Association (국제교수회)
2016 – 2018	Advisory member of the SNU Diversity Council (다양성위원회), Jung-Hye Roe, Chair.
2014	Co-chair (with Jangsuk Kim) of the graduate student rules committee for the Archaeology Section of the Department of Archaeology and Art History, SNU.
2012 – 2016	Editorial Advisor, Office of Public Relations at SNU
2010 – 2012	Faculty Advisor, International Students Network for Africa (ISNA)
2011 – 2013	Committee member for the SNU Globalization Task Force (appointed by university president)
2010 – 2011	Chair, Family and Living Committee, SNU International Faculty Association
2009 – 2010	Board Member, Arizona Archaeological Council
2008 – 2010	Technical Advisor, Gila River Indian Community Flood Management Task Force

- Reviewer for numerous scientific journals and panels including *Archaeopress*, *Archaeological and Anthropological Sciences*, *African Archaeological Review*, *American Antiquity*, *Azania*, *Geoarchaeology*, *PLOS One*, *Quaternary Research*, *Quaternary Science Reviews* and the National Science Foundation (Archaeology). I generally review 10-15 papers per year.
- Associate Editor for *Frontiers in Earth Science*.
- Science mentor for *Frontiers for Young Minds*, a journal written by scientists and peer reviewed by kids for kids.

#### MEMBERSHIPS

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- Board member: OpenHeritage (Cape Town, South Africa), Con Viva Brazil (Madison, WI)
- Society for American Archaeology 2000 – Present
- Arizona Archaeological Council Member 2009 – 2014
- Society of Africanist Archaeologists 2000 – Present
- Amnesty International 1991 – Present
- Sierra Club 2010 – Present
- Union of Concerned Scientists 2004 – Present
- American Civil Liberties Union 1991 – Present
- Golden Key National Honor Society

- Phi Kappa Kappa National Honor Society
- Delta Phi Alpha National German Honor Society

**SKILLS/SOFTWARE**

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- Geoarchaeology/sedimentology/surficial processes/geochronology
- Geographical Information Systems and remote sensing applications (ArcGIS, GRASS, QGIS)
- Open-source database applications (Postgres, MySQL, SQLite)
- Optically Stimulated Luminescence (OSL) dating laboratory analysis
- Global Positioning Systems and total station survey instruments (Sokkia, TopCon, Trimble, eTrex)
- Advanced spatial statistics
- Basic lithic, ceramic and faunal analysis skills
- Proficient in PC/Microsoft software (MS Office, CorelDraw, Adobe Illustrator)

**LANGUAGE ABILITY (LOW, FAIR, MEDIUM, HIGH, OR VERY HIGH COMPETENCY)**

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English (first language)

Swahili: Reading medium; Speaking high; Writing medium

Norwegian: Reading medium; Speaking medium; Writing medium

German: Reading high; Speaking medium; Writing medium

French: Reading medium; Speaking fair; Writing low

Korean: Reading low; Speaking fair; Writing low