

# Lauren Edith Young Norman

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## EDUCATION

- 2015 Ph.D., Department of Anthropology, University of Toronto.
- 2009 M.Sc., Department of Anthropology, University of Toronto.
- 2006 B.A., Department of Anthropology, University of Victoria.

## PROFESSIONAL APPOINTMENTS

- 2024-present Assistant Professor, Department of Anthropology, University of Kansas.
- 2022-2024 Assistant Teaching Professor, Department of Anthropology, University of Kansas.
- 2019-2022 Visiting Assistant Professor, Department of Anthropology, University of Kansas.
- 2016-2019 Post-Doctoral Researcher, Department of Anthropology, University of Kansas.

## PUBLICATIONS

### Peer-Reviewed Journal Articles

- In review Alix, Claire, **Lauren E. Y. Norman**, Anthony Krus, Juliette Taieb, Shelby Anderson, Dennis O'Rourke, and Owen K. Mason. The Birnirk to Thule transition as viewed from radiocarbon and tree-ring dating within two adjacent houses at Cape Espenberg, Northwest Alaska. *American Antiquity*.
- In review Mayeux, Camille, Claire Alix, Owen Mason, **Lauren E. Y. Norman**, Nancy Bigelow, and Christophe Petit. The use of plants in Thule dwellings: Archaeobotanical analysis at Cape Espenberg, Northwest Alaska. *Journal of Archaeological Science: Reports*.

- 2022 Unkel, Sarah L., **Lauren E. Y. Norman**, Justin Tackney, Anthony M. Krus, Anne E. Jensen, Claire Alix, Owen Mason, and Dennis O'Rourke. Genetic analysis of Birnirk Inuit from the Alaskan North Slope. *Arctic* 75(1): 121-132.
- 2021 Reuther, Joshua D., Scott Shirar, Owen K. Mason, Shelby Anderson, Joan B. Coltrain, Adam Freeburg, Peter M. Bowers, Claire Alix, Christyann M. Darwent, and **Lauren E. Y. Norman**. Marine reservoir effects in seal (Phocidae) bones in the northern Bering and Chukchi Seas, northwestern Alaska. *Radiocarbon* 63(1): 301-309.
- 2020 Vanlandeghem, Marine, Bruno C. Desachy, Tammy Y. Buonasera, **Lauren E. Y. Norman**, Isabelle Théry-Parisot, Alain Carré, Christopher Petit, Michelle Elliott, and Claire Alix. Ancient arctic pyro-technologies: Experimental fires to document the impact of animal origin fuels on wood combustion. *Journal of Archaeological Science: Reports*. 33: 102414.
- 2020 Braymer-Hayes, Katelyn, Shelby Anderson, Claire Alix, Christyann M. Darwent, John Darwent, Owen Mason, and **Lauren E. Y. Norman**. Studying pre-contact gendered use of space in the Arctic: Spatial analysis of ceramics in northwestern Alaska. *Journal of Anthropological Archaeology*. 58: 101165.
- 2018 Comparing the fill and floor: Using a taphonomic framework to identify occupational histories at a collapsed semi-subterranean feature in northwest Alaska. *International Journal of Osteoarchaeology*. 28: 782-792.
- 2018 Ethnohistoric documents as analogical tools: A case study from northwest Alaska. *Journal of Anthropological Archaeology* 51: 1-15.
- 2017 **Norman, Lauren E. Y.**, T. Max Friesen, Claire Alix, Michael J. E. O'Rourke, and Owen K. Mason. An early Inupiaq occupation: Observations on a Thule house from Cape Espenberg, Alaska. *Open Archaeology* 3: 17-48.
- 2016 Friesen, T. Max, and **Lauren E. Y. Norman**. The Pembroke Site: Thule Inuit Migration on Southern Victoria Island. *Arctic* 69(1):1-18.
- 2010 **Norman, Lauren**, and T. Max Friesen. Thule fishing revisited: The economic importance of fish at the Pembroke and Bell sites, Victoria Island, Nunavut. *Geografisk Tidsskrift-Danish Journal of Geography* 110(2): 261-278.
- 2003 Rupert, J. L., K. Kidd, **L. E. Norman**, M. V. Monsalve, P. W. Hochachka, and D. V. Devine. Genetic polymorphisms in the renin-angiotensin system in high-altitude and low-altitude Native American populations. *Annals of Human Genetics* 67(1): 17-25.

## Book Chapters

- 2022 **Norman, Lauren E. Y.**, and Kelly A Eldridge. Architecture anchors: The built environment of the Thule Inuit. In *More Than Shelter from the Storm: Hunter-Gatherer Houses and the Built Environment*, edited by Danielle Macdonald and Brian Andrews, pp. 159-217. University of Florida Press.
- 2022 **Norman, Lauren E. Y.**, Christopher E. Barrett, Sarah Unkel, Anne M. Jensen, Dennis H. O'Rourke, and Jennifer Raff. Ethical aspects of community-based paleogenomics research using museum samples. In *Contextualizing Museum Collections at the Smithsonian Institution: The Relevance of Collections-Based Research in the 21<sup>st</sup> Century*, edited by Maria M. Martinez, Eric Sears, and Lauren Sieg, pp. 37-46. Smithsonian Contributions to Anthropology, Number 54. Smithsonian Institution Scholarly Press.
- 2021 O'Rourke, Dennis H., Justin Tackney, and **Lauren E. Y. Norman**. An Arctic lens for the American migration: Integrating genomics, archaeology, and paleoecology. In *Human Migration: Biocultural Perspectives*, edited by Lourdes Munoz Moreno and Michael H. Crawford. Oxford University Press.
- 2018 Alix, Claire, Owen K. Mason, and **Lauren E. Y. Norman**. Whales, wood, and baleen in northwestern Alaska: Reflection on whaling through wood and boat technology at the Rising Whale site. In *Whale on the Rock II*, edited by Sang-Mog Lee, pp. 39-66. Ulsan Petroglyph Museum.

### Book Reviews

- 2016 Review of *The Wales, Alaska, Archaeology Project, 1996-2006*, by Roger K. Harritt, 2015. *Alaska Journal of Anthropology* 14(1&2): 133-134.

### Reports

- 2024 Alix, Claire, Owen Mason, Dennis O'Rourke, Sarah Unkel, Ryan Harrod, and **Lauren Norman**. Report on the Excavation and Analyses of Ancestral Remains Uncovered and Sampled during the Cape Espenberg Birnirk Project (CEBP). Native American Graves Protection and Repatriation Act (NAGPRA) Compliance Report to the National Park Service, Bering Land Bridge National Park and Preserve (BELA).
- 2018 Alix, Claire, and Owen K. Mason with contributions from Shelby Anderson, Reyce Bogardus, Nancy Bigelow, Amber Lincoln, **Lauren Norman**, Chris Maio, Marine Vanlandeghem, Dennis O'Rourke, Jeffrey Rasic, Mike Lorain, and Anna Prentiss. Birnirk Prehistory and the Emergence of Inupiaq Culture in Northwest Alaska: Archaeological and Anthropological Perspectives. Field Investigations at Cape Espenberg, 2017. Annual Report to the National Park Service, U.S. Department of the Interior, Fairbanks, AK.
- 2017 Alix, Claire, avec contributions de Owen K. Mason, **Lauren Norman**, Marine Vanlandeghem, Chris Maio, et Nancy Bigelow. Rapport sur les opérations

réalisées de juin à août dans le nord-ouest de l'Alaska, Cape Espenberg.  
University Paris 1, Panthéon Sorbonne, CNRS – ArchAm.

- 2017 Alix, Claire, Owen K. Mason, **Lauren Norman**, Nancy Bigelow, and Chris Maio. Birnirk Prehistory and the Emergence of Inupiaq Culture in Northwest Alaska: Archaeological and Anthropological Perspectives. Field Investigations at Cape Espenberg, 2016. Annual Report to the National Park Service, U.S. Department of the Interior, Fairbanks, AK.
- 2016 Alix, Claire, with contributions by O. K. Mason, **L. Norman**, D. O'Rourke, N. Bigelow, S. Grieve, L. Poupon, et M. Vanlandeghem. Rapport sur les opérations réalisées de juin à août dans le nord-ouest de l'Alaska. Mission, Cap Espenberg. University Paris 1, Panthéon Sorbonne, CNRS – ArchAm.

## FUNDING AND AWARDS

### Selected Grants

- 2019 Research-Intensive Course Grant, Human Variation and Evolution, Center for Undergraduate Research, College of Liberal Arts and Science, University of Kansas, \$1,000.
- 2018 Co-investigator, *Ancient Alaskan Origins and Expansion: Re-Aligning Archaeological and Genetic Evidence* (PI: Jennifer Raff), Discipline Specific Research (DSR), 2019 Research Excellence Initiative in the College of Liberal Arts and Science, University of Kansas, \$12,000.
- 2018 Genome Sequencing Core Laboratory Voucher, Center for Molecular Analysis of Disease Pathways, University of Kansas, \$5,375.
- 2015, '14, '13 Ph.D. Conference Grant, Department of Anthropology, University of Toronto, \$1,200, \$840, \$1000.
- 2012 School of Graduate Studies Conference Grant, University of Toronto, \$200.
- 2012 School of Graduate Studies Travel Grant, University of Toronto, \$3,000.
- 2012 Ph.D. Dissertation Grant, Department of Anthropology, University of Toronto, \$1,500.
- 2011, 2010 Northern Science Training Program Grant, University of Toronto, \$3,000; \$2,900.
- 2010 Ph.D. Pilot Research Grant, Department of Anthropology, University of Toronto, \$3,714.

### Selected Scholarships & Fellowships

- 2014            Doctoral Completion Award, Department of Anthropology, University of Toronto, \$4,545.
- 2013            Ontario Graduate Scholarship, Government of Ontario, Department of Anthropology, University of Toronto, \$45,000.
- 2013, 2012     University of Toronto Fellowship, Department of Anthropology, \$8,638, \$5,000.
- 2009            Joseph-Armand Bombardier Canadian Graduate Scholarship—Doctoral, Social Sciences and Humanities Research Council, Department of Anthropology, University of Toronto, \$105,000.
- 2009            Ontario Graduate Scholarship, Government of Ontario, Department of Anthropology, University of Toronto, \$15,000 (Declined).
- 2009            C.B. MacPherson Graduate Admission Award, University of Toronto, \$3,500.
- 2008            Ontario Graduate Scholarship—Thomas and Beverly Simpson Award, Government of Ontario, Department of Anthropology, University of Toronto, \$15,000.
- 2007            Canadian Graduate Scholarship—Master’s, Social Sciences and Humanities Research Council, Department of Anthropology, University of Toronto, \$17,500.
- 2007            C.B. MacPherson Graduate Admission Award, University of Toronto, \$3,000.

### **Awards & Honours**

- 2013            Teaching Assistant Award, Department of Anthropology, University of Toronto, \$200

### **INVITED TALKS**

- 2023            Doing the work at Bluefish Caves: Fieldwork, Lab Work, and Future Work, INSTAAR Beringian Symposium/Workshop, University of Colorado Boulder, March 19.
- 2020            From *maktak* to *natchiq*: Wellness Persistence and Changing Subsistence Strategies in Northwest Alaska, Department of Anthropology, University of Washington, February 24.
- 2019            Shifting Social Landscapes: Changes in Subsistence Strategies and Group Identity in Northwest Alaska, Department of Archaeology & Anthropology, University of Saskatchewan, January 31.

- 2016 Beyond Subsistence: Interpretations of Past Animal and Human Lifeways from Arctic Archaeofaunas, Department of Anthropology, University of Tulsa, March 4.
- 2012 Ethnography, Analogy, and Arctic Archaeofaunas: Assessing the Limits of Zooarchaeological Interpretation, Museum of the North, University of Alaska Fairbanks, Mammalogy Department, June 21.

## SELECTED CONFERENCE ACTIVITY

### Papers

- 2024 Fitzwater, Shawna, Caroline Kisielinski, Justin Tackney, **Lauren Norman**, Rolfe Mandel, Dennis H. O'Rourke. Microbial metagenomic composition in archaeological context at the Pleistocene-Holocene transition. To be presented at the American Geophysical Union's Annual Meeting, Washington, DC, December 9-13.
- 2024 Schneider, Blair, **Lauren E. Y. Norman**, and Rolfe Mandel. FAST: A new approach to training future geoarchaeologists. To be presented at the Geological Society of America Connects 2024, Anaheim, CA, September 22-25.
- 2024 Ives, Dashiell, Paul Szpak, and **Lauren Norman**. Stable isotope ecology of Thule and Birnirk canids at Cape Espenberg, Alaska. The 13<sup>th</sup> International Conference on the Application of Stable Isotope Techniques in Ecological Studies, Fredericton, NB, Canada, July 29-August 2.
- 2024 McMillan, Hazel, Paul Szpak, Thomas Hossie, and **Lauren Norman**. Palaeoecological evidence of increasingly pelagic resource use by modern Alaskan pinnipeds in the face of unprecedented Arctic warming. The 13<sup>th</sup> International Conference on the Application of Stable Isotope Techniques in Ecological Studies, Fredericton, NB, Canada, July 29-August 2.
- 2023 Mandel, Rolfe, Caroline Kisielinski, Lauriane Bourgeon, **Lauren E. Y. Norman**, Ty Heffner, Justin Holcomb, Dennis O'Rourke. Bluefish Caves revisited: A geoarchaeological and paleoenvironmental assessment of a potential Pre-Clovis site in the Yukon Territory of northwestern Canada. 29<sup>th</sup> European Association of Archaeologists Annual Meeting, Belfast, Ireland, August 30-September 2.
- 2023 Mandel, Rolfe, **Lauren E. Y. Norman**, Lauriane Bourgeon, Caroline Kisielinski, Justin Holcomb, Dennis O'Rourke. Bluefish Caves revisited: A geoarchaeological and paleoenvironmental assessment of a potential Pre-Clovis site in the Yukon Territory of northwestern Canada. XXI International Union for Quaternary Research Congress, Rome, Italy, July 14-20.

- 2023 Kisielinski, Caroline, Justin Tackney, **Lauren E. Y. Norman**, Rolfe Mandel, Dennis O'Rourke. Paleoenviromental reconstruction at Bluefish Cave III using sedimentary ancient DNA (*sedaDNA*). XXI International Union for Quaternary Research Congress, Rome, Italy, July 14-20.
- 2023 **Norman, Lauren E. Y.**, Rolfe D. Mandel, Lauriane Bourgeon, Caroline Kisielinski, Justin Holcomb, and Dennis H. O'Rourke. Bluefish Caves revisited: Testing a potential Pre-Clovis site in Eastern Beringia. Society for American Archaeology 87<sup>th</sup> Annual Meeting, Portland, OR, March 29-April 2.
- 2022 Mandel, Rolfe D., Lauriane Bourgeon, Caroline A. Kisielinski, **Lauren E.Y. Norman**, Justin Holcomb, Dennis O'Rourke. Bluefish Caves revisited: A geoarchaeological and paleoecological assessment of a potential Pre-Clovis site in the Yukon Territory, Northwestern Canada. The Geological Society of America Connects Meeting, Denver CO and online, October 9-12.
- 2022 Mandel, Rolfe D., Lauriane Bourgeon, Caroline A. Kisielinski, **Lauren E.Y. Norman**, Dennis O'Rourke. Bluefish Caves Revisited: Ongoing and future archaeological and paleoecological research in the norther Yukon of Canada. Canadian Archaeology Association 54<sup>th</sup> Annual Meeting, Edmonton, AB, April 27-30.
- 2021 Alix, Claire, Tony Krus, **Lauren Norman**, Owen Mason, Juliette Taïeb, Shelby Anderson. The Birnirk to Thule transition as viewed from two adjacent houses at Cape Espenberg. Society for American Archaeology 86<sup>th</sup> Annual Meeting, San Francisco, CA, online, April 15-17.
- 2019 Early Thule Inuit architecture: An anchor in migration and movement. Society for American Archaeology 84<sup>th</sup> Meeting, Albuquerque, NM, April 10-14.
- 2019 **Norman, Lauren**, Owen K. Mason, and Claire Alix. What do whales have to do with it? Examining the evidence for whale hunting at the Rising Whale site. 46<sup>th</sup> Annual Meeting of the Alaska Anthropological Association, Nome, AK, February 27-March 2.
- 2018 **Norman, Lauren**, Owen K. Mason, and Claire Alix. Whales within and without: Subsistence and symbolism of whales in a Birnirk dwelling, northwest Alaska. XVIII<sup>o</sup> World Congress of the Union Internationale des Sciences Préhistoriques et Protohistoriques, Paris, France, June 4-9.
- 2018 **Norman, Lauren**, Claire Alix, and Owen K. Mason. Birnirk and Early Thule maritime hunter-gatherers: Variability in subsistence practices and tool technologies at Cape Espenberg, Alaska. XVIII<sup>o</sup> World Congress of the Union Internationale des Sciences Préhistoriques et Protohistoriques, Paris, France, June 4-9.

- 2017 Arctic Analogies: Assessing the use of ethnohistoric sources to reconstruct activities in early Thule dwellings. 50<sup>th</sup> Meeting of the Canadian Archaeological Association, Ottawa, ON/Gatineau, QC, May 10-13.
- 2017 Alix, Claire, Owen K. Mason, and **Lauren Norman**. Architectural Variation at the Rising Whale Site at Cape Espenberg – Defining the Birnirk and Early “Western” Thule Cultures in Northwestern Alaska. 50<sup>th</sup> Meeting of the Canadian Archaeological Association, Ottawa, ON/Gatineau, QC, May 10-13.
- 2017 **Norman, Lauren**, Claire Alix, and Owen Mason. From Caribou to Seal: The implications of changes in subsistence focus from Birnirk to Thule at Cape Espenberg. Society for American Archaeology 82<sup>nd</sup> Meeting, Vancouver, BC, March 29-April 2.
- 2017 **Norman, Lauren**, Owen Mason, and Claire Alix. Fauna from the Cape: Variations in early Thule focal resources. 44<sup>th</sup> Meeting of the Alaska Anthropological Association, Fairbanks, AK, February 26-March 2.
- 2016 Beyond the House: Similarities and differences in midden and house archaeofaunal assemblages. 49<sup>th</sup> Meeting for the Canadian Archaeological Association, Whitehorse, YK, May 4-7.
- 2015 Ethnohistoric Designations of Cape Espenberg: Using subsistence patterns to investigate territorial divisions. 48<sup>th</sup> Meeting for Canadian Archaeological Association, St. John’s, NL, April 29-May 2.
- 2014 Constructing zooarchaeological life-histories: An Arctic case study. 12<sup>th</sup> International Conference of Archaeozoology, San Rafael, Argentina, September 22-27.
- 2014 Study of a house: Spatial patterning of a Western Thule winter dwelling. Society for American Archaeology 79<sup>th</sup> Meeting, Austin, TX, April 23-27.
- 2013 Seals and the Rest: Initial explorations of the archaeofaunal assemblage from Feature 87. Alaska Anthropological Association 40<sup>th</sup> Meeting, Anchorage, AK, March 13-16.
- 2012 Seasonal Spaces: A comparison of the archaeofaunal spatial patterning of cold- and warm-season dwellings at the Pembroke Site, Nunavut. Canadian Archaeological Association, Montréal, QC, May 16-20.
- 2012 Williams, Andrea, Ivan Kalmar, **Lauren Norman**, Susan Beckwith. Enhancing Student Learning and Engagement with an Effective Teaching Team. A Case Study of Collaborative Teaching in a Large First-Year Course. Teaching & Learning Symposium, University of Toronto, November 5th.



## Posters

- 2024 Sykora, Lydia, Justin Tackney, Brooke Morris, Caroline Kisielinski, Kristine G. Beaty, **Lauren E. Y. Norman**, Mary Adair, Adam Rutherford, Pontus Skoglund, Austin Reynolds, Jennifer Raff. The complex histories of human populations in the North American Central and Southern Plains. To be presented at EMBO | EMBL Symposium, Heidelberg, Germany, September 17-20.
- 2024 Kisielinski, Caroline, Justin Tackney, **Lauren Norman**, Rolfe Mandel, Dennis O'Rourke. Sedimentary ancient DNA from Bluefish Caves confirms heterogenous paleoenvironment in eastern Beringia at the end of the Last Glacial Maximum. The University of Kansas Center for Genomics 3<sup>rd</sup> Annual Symposium, Lawrence, KS, May 17.
- 2024 Alternative grading in anthropology: A capstone case study. KU Celebration of Teaching, Lawrence, KS, May 3.
- 2023 Unkel, Sarah L., Justin Tackney, **Lauren E. Y. Norman**, Anthony M. Krus, Anne M. Jensen, Claire Alix, Owen Mason, and Dennis H. O'Rourke. Birnirk Inuit genetic relatedness and burial organization on the Alaskan North Slope. 92<sup>nd</sup> Annual Meeting of the American Association of Biological Anthropologists, Reno, NV, April 19-22.
- 2022 Sykora, Lydia, Justin Tackney, Brooke Morris, Caroline Kisielinski, Kristine G. Beaty, **Lauren E. Y. Norman**, Mary Adair, Adam Rutherford, Pontus Skoglund, Austin Reynolds, Jennifer A. Raff. The genomic history of human populations in the North American Central and Southern Plains. American Society of Human Genetics Annual Meeting, Los Angeles, CA, October 25-29.
- 2022 **Norman, Lauren E. Y.**, Brittany Bingham, Justin Tackney, Kristine G. Beaty, Dennis O'Rourke. Dogs about the Strait: Using dog genomics to assess human interactions. University of Kansas Center for Genomics 1<sup>st</sup> Annual Symposium, Lawrence, KS, May 20.
- 2022 Sykora, Lydia, Justin Tackney, Brooke Morris, Caroline Kisielinski, Kristin G Beaty, **Lauren E. Y. Norman**, Austin Reynolds, Jennifer A. Raff. Ancient genomes from the Plains: Preliminary evidence for long-distance population continuity. University of Kansas Center for Genomics 1<sup>st</sup> Annual Symposium, Lawrence, KS, May 20.
- 2022 Mind the gap: Equity issues moving research assignments online. CTE Celebration of Teaching, University of Kansas, Lawrence, KS, May 6.
- 2021 Barrett, Christopher, Justin Tackney, **Lauren Norman**, Kristine G. Beaty, Jennifer Raff, and Dennis O'Rourke. Preliminary ancient mitochondrial DNA diversity and stable isotopes from the Western Aleutians. 90<sup>th</sup> Annual Meeting of

the American Association of Physical Anthropologists, Baltimore, MD and online, April 7-28.

- 2021 Unkel, Sarah L., **Lauren E. Y. Norman**, Justin Tackney, Anne M. Jensen, Claire Alix, Owen Mason, and Dennis H. O'Rourke. Genetic contribution of the Alaskan North Slope Birnirk population to the Inuit tradition. 46<sup>th</sup> Annual Meeting of the Alaska Anthropological Association, online, March 1-5.
- 2019 Kisielinski, Caroline Ashley, Justin Tackney, **Lauren Norman**, and Dennis H. O'Rourke. Application of sedaDNA to differentiate between ancient Arctic material cultural traditions. American Geophysical Union 100<sup>th</sup> Fall Meeting, San Francisco, CA, December 9-13.
- 2019 Ragsdale, Sarah L., **Lauren E. Y. Norman**, Justin C. Tackney, Dennis H. O'Rourke. Ancient genetic analysis of the northwest Alaskan Birnirk to Thule archaeological transition. American Association of Physical Anthropologists 88<sup>th</sup> Meeting, Cleveland, OH, March 27-30.

#### **CAMPUS TALKS**

- 2024 Stories from Bones: Resilience and Change of Ancestral Iñupiat Human-Animal Relationships, Department of Anthropology, University of Kansas, May 7.
- 2021 Research Informed Pedagogy: Teaching Anthropology, Department of Anthropology, University of Kansas, December 16.
- 2017 From Land to Sea: Causes and Consequences of Changes in Subsistence at Cape Espenberg, Alaska, Explorations in Archaeology, University of Kansas, March 9.
- 2014 Critically Engaging the Ethnographic Record: A Case Study in Arctic Faunal Spatial Patterning, Archaeology Centre Research Day, Archaeology Centre, University of Toronto, February 28.
- 2010 Seasonality in the Arctic: A case study of the Pembroke site, Victoria Island, Nunavut, Faunal Interest Group, Archaeology Centre, University of Toronto, November 5.
- 2009 Terrestrially-Oriented Early Thule Inuit: A preliminary analysis of the Pembroke Site (NiNg-2), Cambridge Bay, Nunavut, Arctic Student Network Research Symposium, University of Toronto, April 15.

#### **RESEARCH EXPERIENCE**

- 2022-present Faunal analyst for San Esteban Rockshelter Texas for the Odyssey Archaeology Research Project, Kansas Geological Survey, University of Kansas.

- 2022-present Field director for excavation of Cave IV at Bluefish Caves, Yukon (MgVo-4) for the Odyssey Archaeological Research Fund, Kansas Geological Survey, University of Kansas.
- 2016-2024 Faunal analyst and modern and ancient DNA researcher for Collaborative Research: People, Landscape and Narratives in Time—Birnik and the emergence of Inupiaq culture in northwest Alaska, NSF Polar Program.
- 2020-2022 Archaeologist on crew at San Esteban Rockshelter, Texas for the Odyssey Archaeological Research Fund, Kansas Geological Survey, University of Kansas.
- 2019 Archaeologist on crew for preliminary field assessment of Bluefish Caves, Yukon for the Odyssey Archaeological Research Fund, Kansas Geological Survey, University of Kansas.
- 2016, 2017 Crew chief for Collaborative Research: People, Landscape and Narratives in Time—Birnik and the emergence of Inupiaq culture in northwest Alaska, NSF Polar Program.
- 2013-2017 Faunal analyst for Dynamic Inuit Social Strategies in Changing Environments: A Long-Term Perspective, International Polar Year, Nunavut.
- 2015 Faunal analyst for the shishàlh (Sechelt) Archaeology Project with the Canadian Museum of History/Musée Canadien de l’Histoire.
- 2015 TATP Assistant, Centre for Teaching Support & Innovation, University of Toronto.
- 2011-2015 Faunal analyst for Human Response to Climate Change at Cape Espenberg AD 800-1400, International Polar Year, Alaska.
- 2011 Crew chief/field crew member for Human Responses to Climate Change at Cape Espenberg AD 800-1400, International Polar Year, Alaska.
- 2010, 2008 Field crew member for the project Dynamic Inuit Social Strategies in Changing Environments: A Long-Term Perspective, International Polar Year, Nunavut.
- 2007 Field crew member for Iqaluktuuq Archaeology Project, Kitkimeot Heritage Society, Nunavut.
- 2007 Archaeological Collections Management Assistant, Royal BC Museum, Victoria
- 2005 Field crew member for the Acari Valley Project, Peru.
- 2003 Field crew member for the Lubbock Lake Landmark, Texas, USA.

2000            Assistant researcher with the Heart and Stroke Foundation of BC and the Yukon at the University of British Columbia.

## **TEACHING EXPERIENCE**

### **University of Kansas, Instructor**

Archaeological Summer Field Work (in person; field school)  
Integrating Anthropology (capstone) (in person; synchronous online; developed and taught asynchronous online)  
Zooarchaeology (in person)  
Historical Archaeology (in person)  
Archaeology as Storytelling (honors first-year experience; in person)  
Human Variation and Evolution (in person; developed and taught asynchronous online)  
Fundamentals of Biological Anthropology (asynchronous online)  
Forensic Anthropology (synchronous online)  
Pedagogical Workshops for Graduate Teaching Assistants (in person; developed and taught synchronous online)

### **University of Toronto, Instructor**

Introduction to Anthropology: Becoming Human  
Exploring Human-Animal Interactions

### **University of Kansas, Course Supervision for Graduate Teaching Assistants**

General Anthropology  
Fundamentals of Biological Anthropology

### **University of Toronto, Head Teaching Assistant**

Introduction to Anthropology

### **University of Toronto, Science Team Trainer**

Teaching Assistants' Training Program, Centre for Teaching Support & Innovation

### **University of Toronto, Teaching Assistant**

Introduction to Anthropology  
Introduction to Anthropology: Becoming Human  
Faunal Archaeo-Osteology  
Becoming Human: Introduction to Biological Anthropology and Archaeology  
First Nations of North America: Hunters, Gatherers, and Farmers  
First Nations of North America: Social Complexity and the State  
Human Skeletal Biology

## **PROFESSIONAL SERVICE**

### **Peer Review**

*Science, Current Anthropology, Quaternary International, Quaternary Research, Arctic, Études/Inuit/Studies, Arctic Anthropology, Open Quaternary, Alaska Journal of Anthropology, Open Archaeology, Anthropozoologica.*

### **Ad-Hoc Review**

National Science Foundation, 2017, 2021.

### **Expert Review**

National Geographic Kids Animal Encyclopedia (Mammals), 2019.

### **Conference Organization**

Organizing Committee, KU Center for Genomics 1<sup>st</sup> Annual Symposium, University of Kansas, 2022.

## **DEPARTMENTAL/UNIVERSITY SERVICE**

Graduate Teaching Assistant Coordinator, Department of Anthropology, University of Kansas, 2019-2024.

Online Program Coordinator, Department of Anthropology, University of Kansas, 2022-2024.

Graduate Committee, Department of Anthropology, University of Kansas, 2020-2024.

CTE Ambassador to Anthropology, University of Kansas, 2020-2024.

Search Committee for Medium Term Lecturers, Department of Psychology, University of Kansas, 2023-2024.

Odyssey Archaeological Research Fund Board of Advisors member, University of Kansas, 2020-2022.

Undergraduate Committee, Department of Anthropology, University of Kansas, 2019.

Ad hoc Anthropology Research Group for Bio-Archaeological Studies, Department of Anthropology, University of Kansas, 2016.

Advisory Search Committee to the President for the Vice-President, Research and Innovation, University of Toronto, Graduate Student Member, 2014-2015.

STEP Forward Coordinator, Department of Anthropology, University of Toronto, 2014-2015.

Search Committee for a Limited Term Lecturer—Archaeology, Department of Anthropology, University of Toronto, Graduate Student Representative, 2014.

STEP Forward Proposal Evaluation Committee, Faculty of Arts and Science, University of Toronto, Graduate Student Representative, 2014.

STEP Forward Committee, Faculty of Arts and Science, University of Toronto, Graduate Student Representative, 2013-2014.

Advisory Committee for the Director of the Archaeological Centre, Faculty of Arts and Science,

University of Toronto, Graduate Student Representative, 2012.

## **EXTRACURRICULAR UNIVERSITY SERVICE**

Social Coordinator, Anthropology Graduate Student Union, University of Toronto, 2010-2011.

Treasurer, Arctic Student Network, University of Toronto, 2008-2011.

Co-President, Anthropology Graduate Student Union, University of Toronto, 2008-2009.

Graduate Student Union Representative, Anthropology Graduate Student Union, University of Toronto, 2007-2008.

## **COMMUNITY OUTREACH**

Caroline Kisielinski, Justin Tackney, **Lauren Norman**, Rolfe Mandel, and Dennis O'Rourke. Sedimentary ancient DNA reveals palaeoecological insights from early archaeological sites. Long Ago Yukon, Whitehorse, Canada, 2024.

**Lauren Norman**, Rolfe Mandel, Caroline Kisielinski, Lauriane Bourgeon, Kale Bruner, Justin Holcomb, and Dennis O'Rourke. Ongoing and future archaeological research at Bluefish Caves, Presentation and Q&A Discussion, Old Crow Research Roundup, Old Crow, Yukon, Canada, 2024.

**Lauren Norman**, Rolfe Mandel, Caroline Kisielinski, Lauriane Bourgeon, Justin Holcomb, and Dennis O'Rourke. Fieldwork, lab work, and future work at Bluefish Caves, Presentation and Q&A Discussion, Old Crow Research Roundup, Old Crow, Yukon, Canada, 2023.

Dennis O'Rourke, Rolfe Mandel, Lauriane Bourgeon, **Lauren Norman**, and Caroline Kisielinski. Bluefish Caves Revisited: Ongoing and Future Archaeological and Paleocological Research in Northern Yukon, Online Presentation and Q&A Discussion, Beringia Centre Science Talks, Yukon Beringia Interpretive Centre, Whitehorse, Yukon, Canada, 2023.

Caroline Kisielinski, **Lauren Norman**, Justin Tackney, Lauriane Bourgeon, Ty Heffner, Rolfe Mandel, and Dennis O'Rourke. Bluefish Caves: Novel Analyses and New Fieldwork, Presentation and Q&A Discussion, Old Crow Research Gathering, Old Crow, Yukon, Canada, 2021.

Cinema & Science + ARCTIC, Movie screening and Q&A discussion, Museum at Prairiefire, Overland Park, Kansas, 2019.

Sarah Ragsdale, **Lauren Norman**, Justin Tackney, Claire Alix, Owen Mason, and Dennis H. O'Rourke. An ancient genetic analysis of Thule individuals at Cape Espenberg, Alaska, Poster, Shishmaref, Alaska, 2019.

Out of the Field: Preliminary Results of the 2017 Field Season of the Cape Espenberg Birnirk Project, National Park Service, Nome, Alaska, 2017.

Community Workshop: Results of the 2017 Field Season of the Cape Espenberg Birnirk Project, Shishmaref, Alaska, 2017.

Cape Espenberg Archaeology Project: A Report on the 2016 Field Season, National Park Service, Kotzebue, Alaska, 2017.

Who are the Thule? Origins and Diversity of the Ancestors of Modern Inuit, Men's Breakfast Group, Cadboro Bay United Church, Victoria, BC, 2017.

Community Workshop: Results of the 2016 Field Season of the Cape Espenberg Birnirk Project, Shishmaref, Alaska, 2016.

Anthropological Archaeology: Studying Past Human Activities, TAIE International Institute, Toronto, ON, 2014.

## **MEDIA & IMPACT**

### **Press Coverage**

Documentary [Walking with Ancients](#) by Yap Films, Toronto, ON, Canada (2022). Distributed as: *Walking with Ancients* on [CBC: The Nature of Things](#) and [PBS America](#); and , *Ice Age America* on [Discovery Science](#).

Bloody Bender homestead fieldwork: KOAM News ([link](#), [link](#)), [KWCH News](#), [KSNF/KODE News](#), [KSN-TV](#), Parson Sun ([link](#), [link](#)), [Independence Reporter](#), [12 News Wichita](#), [KSHB KC News](#), Dana & Parks 98.1m KMBZ Kansas City.

NPR: All Things Considered ([2017/12](#)), The Atlantic (2017/04).

### **Other Media**

Blog post "Land Acknowledgement" in KU Anthropological Genetics Research Facilities blog (2022/03).

Guest post "Conferencing in Nome" in My Life in the GeoSciences blog (2019/03).

## **RELATED PROFESSIONAL SKILLS**

2022 Wilderness First Aid.

2019 Adult and Pediatric First Aid/CPR/AED from American Red Cross.

2018 Bioinformatics Workshop for Next Generation Sequencing (NGS), University of Kansas.

2018 Bayesian Chronological Modeling Workshop, Society for American Archaeology, University of Glasgow, and SUERC.

2018 Software Carpentry, KU Libraries, University of Kansas.

2013 Wilderness First Aid CPF/AED Level C.

2010 Advanced Wilderness and Remote First Aid CPR/AED Level C.

2007 Canadian Firearms Safety Course for the Possession and Acquisition Licence.

### **SELECTED PEDAGOGICAL TRAINING**

- 2024 Mentor Training for Building Emerging STEM Scholars of Tomorrow (BESST), University of Kansas.
- 2024 Student Learning Symposium, Center for Teaching Excellence, University of Kansas.
- 2023 Ungrading Book Club, Center for Teaching Excellence, University of Kansas.
- 2022 CTE Faculty Seminar on Inclusive Teaching, Center for Teaching Excellence, University of Kansas.
- 2022 Online Teaching Working Group, Center for Teaching Excellence, University of Kansas.
- 2022 Collaborating to Learn Working Group, Center for Teaching Excellence, University of Kansas.
- 2022 Teaching Summit, Center for Teaching Excellence, University of Kansas.
- 2021 Next Steps in Revolutionizing Academia: A CTE Learning Community for Implementing Effective DEI Practices, Center for Teaching Excellence, University of Kansas.
- 2021 Revolutionizing Academia: Engaging Anti-Racism and Restructuring Curricular Practices, Dr. Chanelle Wilson, Center for Teaching Excellence, University of Kansas.
- 2021 CTE's Winter 2021 Flexible Course Design Camp, University of Kansas.
- 2020 Creating Classroom Community, Center for Teaching Excellence, University of Kansas.
- 2020 Teaching in a Transformed World, KU Teaching Summit, University of Kansas.
- 2020 Designing Inclusive and Equitable Online and Hybrid Courses
- 2019 Student Writing in the Classroom, Center for Teaching Excellence, University of Kansas.
- 2019 Engaging and Motivating Students, Center for Teaching Excellence, University of Kansas.
- 2019 How to Keep Students Motivated Online, Center for Online and Distance Learning, University of Kansas.
- 2014 Advanced University Teaching Preparation Certificate, Teaching Assistants' Training Program, Centre for Teaching Support & Innovation, University of Toronto.



2013 Teaching in Higher Education, Woodsworth College, University of Toronto.

## **LANGUAGES**

English: first language.

French: advanced reading, intermediate speaking, and writing.

Spanish: intermediate reading, beginner speaking and writing.

## **PROFESSIONAL AFFILIATIONS**

KU Center for Genomics (2021)

Society for American Archaeology (2011)

Canadian Archaeological Association (2012)

Alaska Anthropological Association (2013)

International Council for Archaeozoology (2014)

American Association of Physical Anthropologists (2015)

Association of Polar Early Career Scientists (2015)

National Postdoctoral Association (2015)

Union Internationale des Science Préhistorique et Protohistoriques (2017)

## **REFERENCES**

Dennis H. O'Rourke, Foundation Distinguished Professor

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