
SOPHIE A. MILLER

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EDUCATION

- 2024 **Ph.D.** Anthropology. University of Oregon, USA.
(*Expected*) *Did Curiosity Domesticate the Cat? An Investigation into Human-Cat Relationships in Holocene Southwest Asia and North Africa.*
Stephen A. Dueppen (chair), Madonna Moss, Gyoung-Ah Lee, Stephen Frost, Samantha S. B. Hopkins.
- 2015 **M.A.** Anthropology, First Class Honors. University of Auckland, New Zealand.
- 2014 **B.A. Hons** Anthropology, First Class Honors. University of Auckland, New Zealand.
- 2013 **B.A.** Anthropology and Ancient History. University of Auckland, New Zealand.

PROFESSIONAL APPOINTMENTS

- 2021 – 2022 **Instructor of Record**, Department of Anthropology, University of Oregon.
- 2017 – 2023 **Graduate Teaching Fellow**, Department of Anthropology, University of Oregon.
- 2015 – 2016 **Field Archaeologist**, International Archaeological Research Institute Inc. (IARII), Honolulu, Hawaii.
- 2015 – 2016 **Laboratory Technician**, International Archaeological Research Institute Inc. (IARII), Honolulu, Hawaii.
- 2015 – 2016 **Laboratory Technician**, Bernice Pauahi Bishop Museum, Honolulu, Hawaii.
- 2015 – 2016 **Laboratory Technician**, Tokelau Science and Education Research Project, Honolulu, Hawaii.
- 2014 – 2015 **Laboratory Technician**, Archaeological Materials Analysis LTD, New Zealand.
- 2014 **Research Assistant**, Dr. Melinda Allen, Department of Anthropology, University of Auckland.
- 2014 **Graduate Teaching Fellow**, Department of Anthropology, University of Auckland.
- 2012 – 2013 **Teaching Assistant**, Department of Anthropology, University of Auckland.

PUBLICATIONS

Refereed Journal Articles

- 2020 **Miller, Sophie A.**, Paul Barrett, Win McLaughlin & Samantha Hopkins. Endemism and migration in the Kochkor Basin? Identification and description of *Adcrocuta eximia* (Mammalia: Carnivora: Hyaenidae) and c.f. *Paramachaerodus* (Mammalia: Carnivora: Felidae) fossils at the Miocene locality of Ortok, Kyrgyzstan. *Palaeontologia Electronica* 23(3):a45. DOI: <https://doi.org/10.26879/1033>
- 2017 **Miller, Sophie A.**, Gina MacFarlane & Melinda S. Allen. Dental analysis demonstrates variability in diet and health of prehistoric Polynesian pigs. *Journal of Archaeological Science: Reports* 15:203-212. DOI: <https://doi.org/10.1016/j.jasrep.2017.07.018>

Recent Conference Proceedings

- 2023 **Miller, Sophie A.** *A Tale of Few Kitties: Investigating Markers of Domestication and Variation in Felis silvestris Subspecies Using Osteology and Geometric Morphometric*

Methods. Fourteenth International Council for Archaeozoology, Cairns, Australia, August 7th-12th.

- 2023 **Miller, Sophie A.** *A Tale of Dead Kitties: Theorizing Human-Animal Companion Relationships and Social Domestication through the Anatomization of Ancient Cats*. Preliminary Program: Eighty-eighth annual meeting, Society for American Archaeology, Portland, Oregon, March 29th-April 2nd, pp.41-2.
- 2019 **Miller, Sophie A.**, Paul Z. Barrett, Win N. F. McLaughlin, & Samantha S. B. Hopkins. *Identification of *Adcrocuta eximia* (Mammalia, Carnivora, Hyaenidae) hemimandible and c.f. *Paramachaerodus* (Mammalia, Carnivora, Felidae) Dentition from the Chu Formation at Ortok, Kyrgyzstan*. Abstracts: Seventeenth Conference of the European Association of Vertebrate Palaeontologists, Brussels, Belgium, July 2nd-6th, p.73.
- 2015 **Miller, Sophie A.** *Whose Bone is this? An Investigation into Modern Histological Methods of Species Identification with Application to Archaeological Faunal Assemblages in the Pacific*. Preliminary Program: Eightieth annual meeting, Society for American Archaeology, San Francisco, California, April 15th-19th, p.16.
- 2014 **Miller, Sophie A.** & Melinda S. Allen. *Oral Pathologies in the Southern Cook Islands: A Study of Diet and Health in Humans and their Commensals on Aitutaki*. Abstracts/Libro de Resúmenes: Twelfth International Conference of Archaeozoology, San Rafael, Mendoza, Argentina, September 22nd-27th, p.112.

Refereed Student Journals

- 2013 **Miller, Sophie A.** What is the Religious Significance of Being Declared “True of Voice” on a Funerary Stela? *Words of Reed Pens* 3:2-4.
- 2011 **Miller, Sophie A.** The Fluid Nature of Ancient Egyptian Religion and its Connection to the King in the Old Kingdom. *Words of Reed Pens* 1:18-22.

Manuscripts in Preparation

- Miller, Sophie A.** An Experimental Application of Modern Histological Methods of Species Identification to Zooarchaeological Assemblages in the Pacific. To resubmit to: *Journal of Osteoarchaeology*.
- Miller, Sophie A.** Did Curiosity Domesticate the Cat? A Narrative History of Ancient Humans and Their Domestic Cats. *Publisher TBD*.
- Miller, Sophie A.** Finding ‘Lost’ Kitties: Modelling huma-cat interactions in Post-Pleistocene Southwest Asia using broad-scale occurrence meta-data. *Journal TBD*.
- Miller, Sophie A.** Theorizing Human-Animal Companion Relationships and Social Domestication Through the Anatomization of Ancient Cats. *Journal TBD*.
- Miller, Sophie A.**, & Tiyas Bhattacharyya (eds). If Animals Could Speak: Negotiating Relational Dynamics between Humans and Animals. To submit to: *Antiquity, Special Section*.
- Miller, Sophie A.** & Benjamin S. Arbuckle. Introduction to Special Section: Human-Animal Relational Dynamics and Contemplating Animal Domestication. To submit to: *Antiquity, Special Section*.
- Miller, Sophie A.** Quantifying reliability and repeatability in *Felis silvestris* subspecies: clinal and subspecies variability in identifying domestic from wild cats. To submit to: *BAR Publishing*.

GRANTS AND AWARDS

- 2022 – 2023 Harvey E. Lee Grad Scholarship (IM465), University of Oregon (\$3600 USD)
- 2021 – 2022 Malcolm McFee Memorial Endowment Award, University of Oregon (\$700 USD)

2020 – 2021	Harvey E. Lee Grad Scholarship (UM461), University of Oregon (\$3000 USD)
2020	CARES University Grant, University of Oregon (\$900 USD)
2019	Annual Meeting Grant, European Association of Vertebrate Palaeontologists (200 €/ \$223 USD)
2019	Cheryl L. Harper Memorial Fund Scholarship, University of Oregon (\$1000 USD)
2018 – 2019	Johnston Scholarship (UM403), University of Oregon (\$3000 USD)
2016 – 2017	First-Year Doctoral Fellowship, University of Oregon (\$13,500)
2014	Royal Society of New Zealand, Skinner Fund Grant (\$900 NZD/\$617 USD)
2014	Faculty of Arts Masters Thesis Scholarship (University of Auckland) (\$5000 NZD/\$3426 USD)
2014	Masters Degree Award (Kate Edgar Charitable Trust) (\$8000 NZD/\$5481 USD)

Total Funding: \$35,447

CONFERENCES

Panels Organized

2023 **Miller, Sophie A.** & Tiyas Bhattacharyya. *If Animals Could Speak: Negotiating Relational Dynamics Between Humans and Animals*. 88th Annual Meeting of the Society for American Archaeology, Portland, Oregon, March 29th-April 2nd.

Papers Presented

2023 **Miller, Sophie A.** *A Tale of Few Kitties: Investigating Markers of Domestication and Variation in *Felis silvestris* Subspecies Using Osteology and Geometric Morphometric Methods*. 14th International Council for Archaeozoology, Cairns, Australia, August 7th-12th.

2023 **Miller, Sophie A.** *A Tale of Dead Kitties: Theorizing Human-Animal Companion Relationships and Social Domestication through the Anatomization of Ancient Cats*. 88th Annual Meeting of the Society for American Archaeology, Portland, Oregon, March 29th-April 2nd.

2015 **Miller, Sophie A.** *Whose Bone is this? An Investigation into Modern Histological Methods of Species Identification with Application to Archaeological Faunal Assemblages in the Pacific*. 80th Annual Meeting of the Society for American Archaeology, San Francisco, California, April 15th-19th.

2014 **Miller, Sophie A.** & Melinda S. Allen. *Oral Pathologies in the Southern Cook Islands: A Study of Diet and Health in Humans and their Commensals on Aitutaki*. Abstracts/Libro de Resúmenes: 12th International Conference of Archaeozoology, San Rafael, Argentina, September 22nd-27th.

Posters

2019 **Miller, Sophie A.**, Paul Z. Barrett, Win N. F. McLaughlin, & Samantha S. B. Hopkins. *Identification of *Adcrocuta eximia* (Mammalia, Carnivora, Hyaenidae) hemimandible and c.f. *Paramachaerodus* (Mammalia, Carnivora, Felidae) Dentition from the Chu Formation at Ortok, Kyrgyzstan*. 17th Conference of the European Association of Vertebrate Palaeontologists, Brussels, Belgium, July 2nd-6th.

2018 **Miller, Sophie A.**, Madonna Moss, & Chelle Haynes. *A Taphonomic Study of Bird Remains from the Outer Coast of Southeast Alaska*. University of Oregon 2018 Grad Forum, Eugene, Oregon, May 11th.

2014 **Miller, Sophie A.**, Melinda S. Allen, & Judith Littleton. *An investigation into bone histology for species identification with application to archaeological fauna in the Pacific*. EXPOSURE, School of Graduate Studies and the Postgraduate Students Association (PGSA), University of Auckland, Auckland, August 28th.

INVITED TALKS AND PANELS

2020 *Domestication (and the Cat): From Felis silvestris to Felis catus*. Department of Geology, Pomona College, October 12th.

2017 *Graduate School and Beyond: Careers in the Sciences*. Women in Graduate Sciences, University of Oregon, 5th Annual Undergraduate Career and Research Forum, October 18th.

CAMPUS TALKS

2020 *Searching for Domestication in the Archaeological Record – A Game of Cat and Mouse*. Undergraduate Anthropology Club, Department of Anthropology, University of Oregon, February 13th.

2019 *Pathways of Domestication – the Commensal and Directed Pathway*. Department of Anthropology, University of Oregon, November 5th.

2019 *Cat Domestication: From Felis silvestris to Felis catus*. Department of Anthropology, University of Oregon, April 14th.

2018 *Walking the Feline: Herding Cats, Digging Holes, and All Things In-Between*. Undergraduate Anthropology Club, Department of Anthropology, University of Oregon, November 11th.

2018 *Cat Domestication: From Felis silvestris to Felis catus; Pig Domestication: From Sus scrofa to Sus scrofa domesticus; and Dog Domestication: From Canis lupus to Canis familiaris*. Department of Anthropology, University of Oregon, February 20th.

2014 *Diet Reconstruction and Stable Isotope Analysis*. Department of Anthropology, University of Auckland, August 4th.

TEACHING

University of Oregon

Instructor of Record	Food Origins, ANTH 341 (Spring 2021; Winter 2022) Northwest Coast Archaeology, ANTH 442/542 (Summer 2022)
Teaching Assistant	Food Origins, ANTH 341 (Winter 2018; Fall 2019; Spring 2023) Domestic Animals, ANTH 260 (Spring 2018, 2019, 2020; Fall 2020, 2021, 2022) Principles of Archaeology, ANTH 145 (Summer 2019) Pirates and Piracy, ANTH 114 (Winter 2019) Archaeology of the Near East and Egypt, ANTH 342 (Fall 2018) Vertebrate Paleontology, GEOL 434/534 (Fall 2018) Ancient Cities, ANTH 347 (Summer 2018) World Archaeology, ANTH 150 (Fall 2017; Summer 2018) Introduction to Cultural Anthropology, ANTH 160 (Summer 2017)
Field Demonstrator	University of Oregon Study Abroad Curaçao (Spring 2017)

University of Auckland

- Laboratory Instructor Approaches to Archaeological Science, ANTH 318 (Semester 2, 2014)
Archaeology Field School, ANTH 317 (Semester 1, 2013)
- Field Demonstrator Archaeology Field School, ANTH 317 (Semesters 1 & 2; 2012, 2013)

RESEARCH EXPERIENCE

- 2017 – 2023 Laboratory Technician, African Archaeology Lab, University of Oregon, Eugene, Oregon.
- 2012 – 2013 Field Archaeologist, Ahuahu Archaeological Project, Department of Anthropology, University of Auckland, New Zealand.
- 2012 – 2013 Laboratory Technician, Department of Anthropology, University of Auckland, New Zealand.
- 2012 Field Archaeologist, Clough and Associates, Opito Bay, New Zealand.
- 2012 Field Archaeologist, Geometria, Otataua Stone Fields, New Zealand.
- 2010 – 2011 Curatorial Assistant, Department of Anthropology, California Academy of Sciences, USA.

SERVICE

Disciplinary Service

- 2023 Co-Moderator, Symposium Session 128, If Animals Could Speak, 88th Annual Meeting of the Society for American Archaeology, Portland, Oregon.
- 2014 Reviewer, *Journal of Archaeological Science: Reports*.
- 2012 – 2013 Assistant Editor, Words of Reed Pens Journal, Auckland University Egyptology Association, University of Auckland.
- 2013 Volunteer, New Zealand Archaeological Association Annual Conference, Cambridge, June 19th-22nd.
- 2012 Volunteer, AMPHORAE VI 'Continuity and Change: Identity in the Ancient World' Conference, July 11th-12th.

Departmental Service

- 2022 Faculty Meeting, Department of Anthropology, University of Oregon, Graduate Student Representative Notetaker, May 6th.
- 2022 Faculty Meeting, Department of Anthropology, University of Oregon, Graduate Student Representative Notetaker, February 4th.
- 2022 Faculty Meeting, Department of Anthropology, University of Oregon, Graduate Student Representative Notetaker, January 7th.
- 2019 Anthropology Faculty Job Search, University of Oregon, Association of Anthropology Graduate Students Member.
- 2018 Faculty Meeting, Department of Anthropology, University of Oregon, Graduate Student Representative Notetaker, May 18th.
- 2018 Faculty Meeting, Department of Anthropology, University of Oregon, Graduate Student Representative Notetaker, March 9th.
- 2017 Anthropology Department Faculty Job Search, University of Oregon, Association of Anthropology Graduate Students Member.

- 2014 Treasurer, Auckland Archaeological Society, University of Auckland.
- 2013 Secretary, Auckland Archaeological Society, University of Auckland.
- 2011 Secretary, Auckland University Egyptology Association, University of Auckland.
- 2010 Student Representative, Department of English, University of Auckland.

University Service

- 2019 Delegate for Graduate Teaching Fellows Federation, AFT-OR 2019 Convention, Oregon, May 3rd-5th.
- 2018 – 2019 Department of Anthropology Union Steward, Graduate Teaching Fellows Federation, American Federation of Teachers (AFT), Local 3544.
- 2018 – 2019 Contract Action Team, Communications Committee, Graduate Teaching Fellows Federation, American Federation of Teachers (AFT), Local 3544.
- 2017 Panelist, Women in Graduate Sciences, 5th Annual Undergraduate Career and Research Forum, University of Oregon.

TECHNICAL SKILLS

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| <ul style="list-style-type: none"> • Thin/Thick Sectioning • Osteological Anatomy (Humans; Non-Humans) • Modern Comparatives Preparation (Soft Tissue Removal, Maceration, Degreasing) • Sourcing Modern Reference Materials • GPS and Landscape Survey/Transecting • Archaeological Excavation • Data Recording and Management • ESRI ArcGIS Program • Statistical Analysis (JMP; IBM SPSS) • Microscopy (Scanning Electron, Transmitted Light, Petrographic) • Photography (DSLR/SLR) | <ul style="list-style-type: none"> • Practical Laboratory Teaching and Management • Academic Writing (Microsoft Suites, Scrivener) • Adobe Suites (Illustrator, InDesign, Photoshop) • Science Communication (Blog, Twitter, Outreach) • Creative Writing • Copy-Editing (Formatting, Consistency, English Language Quality Assurance) • Audio-Visual Editing (Panopto, Canvas, YouTube) • Asynchronous and Synchronous Course Development and Instruction |
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PROFESSIONAL AFFILIATIONS

- 2022** International Council for Archaeozoology (ICAZ); University of Oregon Women in Graduate Science (UOWGS); Society of American Archaeology (SAA)
- 2021** International Council for Archaeozoology (ICAZ); European Association of Vertebrate Palaeontologists (EAVP); University of Oregon Women in Graduate Science (UOWGS)
- 2020** International Council for Archaeozoology (ICAZ); European Association of Vertebrate Palaeontologists (EAVP); University of Oregon Women in Graduate Science (UOWGS)
- 2019** International Council for Archaeozoology (ICAZ); American Association of Physical Anthropology (AAPA); Dental Anthropology Association (DAA); Society of Vertebrate Paleontologists (SVP); European Association of Vertebrate Palaeontologists (EAVP); University of Oregon Women in Graduate Science (UOWGS)
- 2018** Society for American Archaeology (SAA); International Council for Archaeozoology (ICAZ); American Association of Physical Anthropology (AAPA); Dental Anthropology Association

- (DAA); Society of Vertebrate Paleontologists (SVP); European Association of Vertebrate Palaeontologists (EAVP); University of Oregon Women in Graduate Science (UOWGS)
- 2017** Society for American Archaeology (SAA); International Council for Archaeozoology (ICAZ); American Association of Physical Anthropology (AAPA); Dental Anthropology Association (DAA)
- 2016** Society for American Archaeology (SAA); International Council for Archaeozoology (ICAZ); American Association of Physical Anthropology (AAPA); Dental Anthropology Association (DAA); Society for Hawaiian Archaeology (SHA)
- 2015** Society for American Archaeology (SAA); International Council for Archaeozoology (ICAZ); Australasian Society for Human Biology (ASHB); Society for Hawaiian Archaeology (SHA)
- 2014** Society for American Archaeology (SAA); International Council for Archaeozoology (ICAZ); Australasian Society for Human Biology (ASHB); University of Auckland Archaeological Society (ArcSoc); Auckland University Egyptology Association (AUEA).
- 2013** New Zealand Archaeological Association (NZAA); International Council for Archaeozoology (ICAZ); University of Auckland Archaeological Society (ArcSoc); Auckland University Egyptology Association (AUEA).
- 2012** New Zealand Archaeological Association (NZAA); University of Auckland Archaeological Society (ArcSoc); Auckland University Egyptology Association (AUEA).