

# Sarah Noe

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University of California, Santa Barbara  
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## Education

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In progress	University of California, Santa Barbara Ph.D. in Anthropology
2017	University of Maryland, College Park M.A. in Anthropology
2013	Mercyhurst University, Erie, Pennsylvania B.A. in Anthropology, Minor in English

## Funding and Awards

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### Research Funding

2022	Research Accelerator Award (\$5,000)
2022	UCSB ARP Summer Fellowship (\$7,000)
2021	UCSB Anthropology Department Summer Research Grant (\$2,500)
2019	Summer Research Block Grant – Anthropology, UCSB (\$1,750)
2018	Summer Research Block Grant – Anthropology, UCSB (\$2,500)
2017	Summer Research Block Grant – Anthropology, UCSB (\$3,000)
2016	University of Maryland Summer Research Grant (\$4,500)
2012	Mercyhurst Archaeological Institute Undergraduate Research Grant (\$1,500)

### Fellowships and Funding

2019	Critical Mission Fellowship (\$20,000, 2 quarters of funding)
2017	National Science Foundation Graduate Research Fellowship (\$138,000, 3 years of funding)
2017	UCSB Anthropology Department Teaching Assistantship (\$111,000 total value, 3 years of funding)
2016	University of Maryland Environmental Science Department Teaching Assistantship (\$24,000, 1 year of funding)
2015	University of Maryland Anthropology Department Teaching Assistantship (\$18,000, 1 year of funding)

### Awards

2024 Jamie Chad Brandon Student Paper Competition for the 2024 Annual Meeting of the Society for Historical Archaeology (SHA): *Foodways within the Alta California Mission System: Assessing Colonial and Indigenous Diet within Mission Santa Clara de Asis* (\$500)

### Travel Funding

2016 University of Maryland Anthropology Department Travel Grant (\$500)

2012 Catherine McAuley Travel Scholarship, Mercyhurst University (\$5,000)

## Publications

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Haas R., Watson J., Buonasera T., Southon J., Chen J.C., **Noe S.J.**, Smith K., Llave C.V., Eerkens J. and Parker G.,  
(2020) Female hunters of the early Americas. *Science Advances*, 6(45), peabdo310.  
<http://dx.doi.org/10.1126/sciadv.abdo310>

Haas R., Buonasera T., Chen J., Eerkens J., **Noe S.J.**, Parker G., Smith, K., Viviano C. and Watson J.,  
(2020) March. Behavioral adaptations to life in the interior high Andes, 9-7ka. In *American Journal of Physical Anthropology* 171:110-110

Noe S.J.,  
(2021) Zooarchaeology of Mission Santa Clara de Asís: bone fragmentation, stew production, and commensality. *International Journal of Historical Archaeology*, pp.1-43.  
<http://dx.doi.org/10.1007/s10761-021-00632-5>

Hixon, S.W., Domic, A.I., Douglass, K.G., Roberts, P., Eccles, L., Buckley, M., Ivory, S., **Noe, S.** and Kennett, D.J (2022). Cutmarked bone of drought-tolerant extinct megafauna deposited with traces of fire, human foraging, and introduced animals in SW Madagascar. *Scientific reports*, 12(1), 18504. <http://dx.doi.org/10.1038/s41598-022-22980-w>

Noe S.J.,  
(2023) Subsistence and Persistence: Indigenous Foodways within Mission Santa Clara de Asís. *California Archaeology*. 1-39. <http://dx.doi.org/10.1080/1947461X.2023.2191239>

Noe S.J., Wilson G., VanDerwarker A., George R., Kennett D.,  
(2023) Deer, Drought, and Warfare: Managing Risk in the Central Illinois River Valley (CIRV) from the Eleventh through Fourteenth century. *Quaternary International*.  
<http://dx.doi.org/10.1016/j.quaint.2023.08.001>

Noe S.J.,  
(2023) Indigenous Foodways as Persistence in the Alta California Mission System. *American Antiquity* 88, no. 4 (2023): 451-475. <http://dx.doi.org/10.1017/aaq.2023.53>

Noe, Sarah J., Weston C. McCool, Wilson, Kurt M. "Cross-Regional Examination of Camelid Herding Practices in Peru from 600 BCE to 1450 CE: Insights from Stable Isotopes in Camelid Bone Collagen and Fiber" *PlosOne* (submitted)

Noe, Sarah J., Randall Haas, Mark Aldenderfer. "Hunting to Herding: Zooarchaeological insights into Archaic Period Subsistence in the Lake Titicaca Basin, 11.0 - 3.5 ka." *Latin American Antiquity* (Submitted)

Noe, Sarah J., Amber VanDerwarker. "An Examination of Shifting Foodways during the Twelfth and Thirteenth Centuries in the Central Illinois River Valley" *Southeastern Archaeology* (in prep)

Noe, Sarah J., Gregory D. Wilson, Steve Kuehn, Amber VanDerwarker, "Faunal Patterns at Cahokia and the CIRV: A Comprehensive Review." (in prep)

## Work Experience

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- Sept 2015-  
Dec 2017* Center for Global Sustainability  
Assisted in assessing the return to traditional rice farming practices in Bali following the Green Revolution.
- Sept 2015-  
Dec 2017* Environmental Protection Agency/Integration and Application Network  
Assisted in assessing the ecological conditions of the Chesapeake Bay with local stakeholders
- Jun 2014-  
May 2016* Earth Day Network, Washington D.C  
Worked with the President of Programs and Operations to develop programs to educate citizens of the State of Bihar, India on sustainable alternatives to coal.
- Nov 2014-  
Jul 2014* Stell Environmental, Virginia Beach, VA  
Worked on completing NEPA documentation for potential construction. Documents presented the results of the data and field inspections and provided recommendations for continued preservation and maintenance of cultural and natural resources.
- April 2013-  
Oct 2014* U.S. Forest Service, Lone Pine, CA  
Performed field investigations to identify, evaluate, excavate, collect, map and interpret archaeological sites. Assisted in preparing reports documenting anthropological, archaeological, historical investigations for inclusion in environmental documents and compliance with Federal cultural resources directives.
- July-Oct  
2012* Quaternary Geological Environmental Consultants & LLC, Grove City, PA  
Surveyed rock shelters in Allegheny National Forest with pedestrian surveys. Identified sites for potential conservation.
- Jun-Aug  
2012* Taos Collaborative Archaeological Project (TCAP), Taos, New Mexico  
Directed a phase III public archaeology excavation of a Puebloan village outside of Cantonment Burgwin in Taos, New Mexico.

## Field Experience

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- May - July 2022* Field Technician, Fandel, Peoria, IL  
PI: Greg Wilson

<i>June-July 2018</i>	<i>Crew Chief, Pampa La Cruz, Puno, Peru PI: Alicia Gorman</i>
<i>Nov-Jul 2014</i>	<i>Crew Chief, Stell Environmental, Virginia Beach, VA PI: Michael Curley</i>
<i>Sept 2013-Oct 2014</i>	<i>Field Technician, U.S. Forest Service, Lone Pine, CA</i>
<i>June-July 2023</i>	<i>Field Technician, Meadowcroft, Jefferson, PA PI: James Adovasio</i>
<i>July-Oct 2012</i>	<i>Field Technician, Quaternary Geological Environmental Consultants, Grove City, PA PI: Thomas Vento</i>
<i>Jun-Aug 2012</i>	<i>Field Technician, Taos Collaborative Archaeological Project (TCAP), Taos, NM PI: Judith Thomas, James Adovasio</i>

## **Laboratory Experience**

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<i>Sept 2021-Present</i>	<i>Human Paleoecology and Isotope Geochemistry Laboratory (Dr. Doug Kennett)</i>
<i>June 2019-Aug 2019</i>	<i>Collasuyo Archaeological Research Institute (CARI), Puno Pero (Dr. Randall Haas, Project Director)</i>
<i>Sept 2017-Present</i>	<i>Integrative Subsistence Laboratory, University of California, Santa Barbara (Dr. Amber VanDerwarker, Laboratory Director)</i>
<i>Sept 2015-May 2017</i>	<i>Foodways Laboratory, University of Maryland (Drs. George Hambrecht and Barnet Pavao-Zuckerman, Laboratory Directors)</i>
<i>May 2014-Jul 2015</i>	<i>Cultural and Natural Resource Laboratory, Stell Environmental</i>
<i>Sept 2013-Jan 2014</i>	<i>Archaeology Laboratory, R.C Goodwin and Associates</i>
<i>Sept 2009-May 2013</i>	<i>Subsistence and Culture, Mercyhurst University (Judy Thomas, Laboratory Director)</i>
<i>Sept 2009-May 2010</i>	<i>Processing Laboratory, Mercyhurst University (Anne Marjenin, Lab Director)</i>

## **Professional Meetings**

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### **Organized Symposia**

<i>2024</i>	<i>Interdisciplinary Approaches In Zooarchaeology: Addressing Big Questions with Ancient Animals (Sponsored by Zooarchaeological Interest Group), Society for American Archaeology, New Orleans. Co-Organized with Hugh Radde</i>
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### **Conference Presentations**

<i>2024</i>	<i>Foodways within the Alta California Mission System: Assessing Colonial and Indigenous Diet within Mission Santa Clara de Asís Noe Sarah J.</i>
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- Paper presented Historical and Underwater Archaeology, Boston, MA.
- 2023 *Faunal Patterns at Cahokia and the CIRV: A Comprehensive Review*  
Noe Sarah J., Wilson Greg, Kuehn Steve.  
Paper presented at the Southeastern Archaeological Conference, Chattanooga TN
- 2023 *Deer, Drought, and Warfare: An isotopic investigation of shifts in deer hunting from the eleventh through the fourteenth centuries in the Central Illinois River Valley (CIRV)*  
Noe Sarah J., Wilson Greg, VanDerwarker Amber, George Richard, Kennett Doug  
Paper presented at the Society for American Archaeology, Portland, OR
- 2023 *Situating Spanish and Indigenous Diet and Foodways within Mission Santa Clara*  
Noe Sarah  
Paper presented at the Society for California Archaeology, Oakland CA
- 2022 *An Examination of Shifting Foodways during the Twelfth and Thirteenth Centuries in the Central Illinois River Valley*  
Noe Sarah, Amber VanDerwarker and Gregory Wilson  
Paper presented at the Society for American Archaeology, Chicago, IL.
- 2021 *Change, Continuity and Foodways: Indigenous Diet at Mission Santa Clara (1777–1836)*  
Noe, Sarah  
Paper presented at the Society for American Archaeology
- 2021 *Zooarchaeological Insights into Native American Diet at Mission Santa Clara (1777-1836)*  
Noe, Sarah  
Paper presented at Society for California Archaeology
- 2020 *From Hunting to Herding: A Preliminary Investigation of Camelid Domestication in the Lake Titicaca Basin*  
Noe, Sarah, Randall Haas, Mark Aldenderfer  
Paper was to be presented at the 85<sup>th</sup> annual meeting of the Society for American Archaeology, Austin, TX.
- 2020 *Behavioral Adaptations to Life in the Interior High Andes, 9–7ka*  
Haas, Randall, Tammy Buonasera, Jennifer Chen, Jelmer Eerkens, Sarah Noe, Glendon Parker, John Southon, Carlos Viviano Llave, and James Watson  
Paper was to be presented at the American Association of Physical Anthropologists, Los Angeles, CA.
- 2020 *Zooarchaeological Insights into Native American Diet at Mission Santa Clara (1777–1836)*  
Noe, Sarah  
Paper was to be presented at the 54<sup>th</sup> annual meeting of the Society for California Archaeology, Riverside, CA.
- 2020 *Excavations at Wilamaya Patjxa, Lake Titicaca Basin, 9–7ka*  
Haas, Randall, Tammy Buonasera, Jennifer Chen, Jelmer Eerkens,

Sarah Noe, Glendon Parker, John Southon, Carlos Viviano Llave, and James Watson.

Paper presented at the Annual Meeting of the Institute of Andean Studies, University of California, Berkeley.

- 2020 *Change, Continuity and Foodways: The Persistence of Indigenous Identity at Mission Santa Clara*  
Noe, Sarah,  
Paper presented Historical Archaeology Conference, Boston, MA
- 2016 *Icelandic Resilience: Food and Agriculture in the face of Climate Change*  
Noe, Sarah  
Paper presented Historical Archaeology Conference, Washington DC
- 2012 *Cantonment Burgwin and the Historic Record*  
Noe, Sarah, Judith Thomas  
Poster presented Historical Archaeology Conference, Baltimore MD
- 2012 *The Archaeology of Cantonment Burgwin*  
Noe, Sarah, Judith Thomas  
Poster presented Society for American Archaeology Conference, Memphis, TN

## Invited Lectures

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### Public Talks

- 2023 *Foodways and Persistence: Examination of Native American Diet at Mission Santa Clara(1777-1836)*  
Santa Barbara Museum of Natural History
- 2021 *Zooarchaeological Insights into Native American Diet at Mission Santa Clara de Asís (1777-1836)*  
Santa Barbara Museum of Natural History
- 2019 *Risk, Agriculture, and Climate Change: Viking Foodways System*  
UC Santa Barbara Colloquium
- 2017 *Archaeology and Climate Change: Interdisciplinary Studies and Talking Across the Aisle*  
University of Maryland, College Park Library Series: Interdisciplinary Dialogues
- 2014 *Uncovering the Historical Record: What Archaeology Adds to the Past*  
expERIENCE Children's Museum, Erie PA

### Invited Academic Lectures

#### Dickson College

- 2022 *Foodways and Persistence: Examination of Native American Diet at Mission Santa Clara (1777-1836)* Environmental Archaeology (undergraduate course)

2021 *Viking Foodways in the Face of Climate Change in the Early Modern Period*  
Environmental Archaeology (undergraduate course)

*Northern Illinois University*

2021 *Introduction to Zooarchaeology* Exploring Archaeology (undergraduate course)

2022 *Introduction to Zooarchaeology* Exploring Archaeology (undergraduate course)

*University of California, Santa Barbara*

2020 *Ancient Food Production in the Andes* Introduction to Archaeology (undergraduate course)

2018 *Food and Social Identity* Introduction to Archaeology (undergraduate course)

*University of Maryland, College Park*

2017 *Climate Change and the Longue Durée* Environmental Science (undergraduate course)

2016 *Water Laws and the Legacy of Colonialism* Introduction to Environmental Policy (undergraduate course)

## Teaching Experience

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### Instructor of Record

*University of California, Santa Barbara*

ANTH 3 Introduction to Archaeology (Summer 2023)

### Teaching Assistant

*University of California, Santa Barbara*

ANTH 3 Introduction to Archaeology (Fall 2016 – Spring 2023)

ENVS 149 Food, Agriculture, and the Environment (Summer 2023)

*University of Maryland, College Park*

ENSP101 Introduction to Environmental Science

ENSP102 Introduction to Environmental Policy

ANTH240 Introduction to Archaeology

ANTH260 Introduction to Socio-cultural Anthropology and Linguistics

## Memberships

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- Society for American Archaeology
- Society for Historical Archaeology
- Southeastern Archaeology
- Archaeological Institute of America
- Society for California Archaeology
- Society of Ethnobiology