

Matthew E. Biver
Curriculum Vitae

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Education

- 2009-Present PhD, Anthropology University of California, Santa Barbara
- Anticipated Defense Date: March 2019
 - Dissertation Director: Dr. Amber VanDerwarker
- 2009-2011 MA, Anthropology University of California, Santa Barbara
- 2005-2009 BA, Anthropology and History Ripon College, Ripon, Wisconsin

Professional Appointments

- Summer 2018 Associate Lecturer, Anthropology, University of California, Santa Barbara
 - Class taught: Anth 162 – Prehistoric Food Production
 - Duties included: Creating Lecture Material, Writing, Proctoring, Grading Exams, Grading Assignments, Holding Office Hours
- Winter 2018 Associate Lecturer, Anthropology, University of California, Santa Barbara
 - Class taught: Anth 162 – Prehistoric Food Production
 - Duties included: Creating Lecture Material, Writing, Proctoring, Grading Exams, Grading Assignments, Holding Office Hours
- Summer 2017 Associate Lecturer, Anthropology, University of California, Santa Barbara
 - Class taught: Anth 162 – Prehistoric Food Production
 - Duties included: Creating Lecture Material, Writing, Proctoring, Grading Exams, Grading Assignments, Holding Office Hours

Teaching/Research Interests

Paleoethnobotany, New World Archaeology (specializing in Peruvian Andes and Midwest/Southeast United States), Wari Empire, Prehistoric Foodways, Environmental Archaeology, Culture Contact, Colonialism, Feasting, Agriculture Strategies

Grants and Fellowships

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| 2017 | UCSB Academic Senate Doctoral Student Travel Grant | (\$685) |
| 2016 | NSF Dissertation Improvement Grant (Grant # 1634065) | (\$25,165) |
| 2016 | Wenner-Gren Foundation Dissertation Fieldwork Grant (Grant # 9225) | (\$20,000) |
| 2016 | UCSB Humanities and Social Sciences Research Grant | (\$3,000) |
| 2015 | UCSB Anthropology Department Summer Research Stipend | (\$2,100) |

2014	UCSB Anthropology Department Summer Research Stipend	(\$1,000)
2014	Chicago Field Museum Anthropology Alliance Field Internship	(\$1,650)
2012	UCSB Anthropology Department Summer Research Stipend	(\$300)

Publications

Peer-Reviewed Journal Articles

Matthew E. Biwer, Patricia Chirinos Ogata, Donna J. Nash, y P. Ryan Williams
Under Review Comida y contacto cultural: Resultados preliminares del Proyecto de Investigación Paleobotánica Wari en Moquegua, *Actas del IV Congreso Nacional de Arqueología*, Ministerio de Cultura, Lima.

Biwer, Matthew E., and, Amber M. VanDerwarker

2015 Plant Subsistence at Myer-Dickson during the Woodland and Mississippian Periods. *Illinois Archaeology* 27:832-117.

VanDerwarker, Amber M., Dana N. Bardolph, Kristen M. Hoppa, Heather B. Thakar, Lana S. Martin, Allison Jaqua, **Matthew E. Biwer**, and Kristina M. Gill

2016 “New World Paleoethnobotany in the New Millennium (2000-2013).” *Journal of Archaeological Research* 24(2):125-177.

Biwer, Matthew E., and Amber M. VanDerwarker

2015 Paleoethnobotany and Ancient Alcohol Production: A Mini-Review. *Ethnobiology Letters* 6:28-31.

Peer-Reviewed Edited Volume Chapters

Biwer, Matthew E., Kirk Costion, and David Goldstein

Under Review Foodways and Culture Contact at Yahuay Alta, A Huaracane Site in the Moquegua Valley, Peru. In *Food and Culture in the Andes*, edited by Katherine L. Chiou and Christine Hastorf. University of Alabama Press.

Book Reviews

2014 Review of *The Never-Ending Feast*, by Kaori O’Conner. *Food and History* 12(2):202-204.

Encyclopedia Entries

2018 Beverages. In *The SAS Encyclopedia of Archaeological Sciences*, edited by Sandra L. Lopez Varela. Wiley-Blackwell.

Conference Presentations

2018 Drinking Together: The Role of Foodways in the Wari and Huaracane Colonial Encounter in the Moquegua Valley, Peru. Presented at the 83rd Annual Meeting of the Society of American Archaeology, Washington D.C. (Matthew E. Biwer)

- 2018 Recent Paleoethnobotanical Investigations at Cerro Baúl, Upper Moquegua Valley, Peru. Poster Presented at the 59th Annual Meeting of the Institute of Andean Studies, Berkeley, CA. (Matthew E. Biber)
- 2017 Preliminary Analysis of Middle Horizon Paleoethnobotanical Remains from Quilcapampa La Antigua, Arequipa, Peru. Poster Session on Andean Archaeology, 62nd Annual Meeting of the Society for American Archaeology, Vancouver, Canada. (Matthew E. Biber)
- 2017 Resultados Preliminares del Proyecto de Investigación Paleobotánica Wari en Moquegua. Presented at the IV Congreso Nacional de Arqueología Peruana, Lima, Peru. (Patricia Chirinos and Matthew E. Biber)
- 2017 A Preliminary Comparison of Paleoethnobotanical Remains from Cerro Baúl and Cerro Mejia in the Upper Moquegua Valley, Peru. Presented at the 72nd Annual Meeting of the Society for American Archaeology, San Francisco, CA. (Matthew E. Biber and Donna Nash)
- 2015 Plant Subsistence at Myer-Dickson During the Late woodland and Mississippian Periods. Poster Session in Mississippian Period Research, 59th Annual Midwest Archaeological Conference Meeting, Milwaukee, Wisconsin. (Matthew E. Biber and Amber M. VanDerwarker)
- 2013 Regional Variability in Late Woodland Plant Use: A Comparative View from the Central Illinois River Valley and the American Bottom. Presented at the 70th Annual Southeastern Archaeology Meeting, Tampa, Fl. (Matthew E. Biber)
- 2013 Crafting Chicha: A Material Comparison Between Archaeological and Ethnographic Production. Presented at the 53rd Annual Institute of Andean Studies Meeting in Berkeley, Ca. (Donna Nash and Matthew E. Biber)
- 2012 An Analysis of Late Woodland Paleoethnobotanical Remains from the Myer Dickson site in the Central Illinois River Valley. Presented at the 69th Annual Southeastern Archaeology Meeting, Baton Rouge, Louisiana. (Matthew E. Biber)
- 2012 Paleoethnobotany of the Moquegua, Peru Region: A review of Middle Horizon plant use. Presented at the 52nd Annual Meeting of the Institute of Andean Studies at Berkeley, Ca. (William Whitehead and Matthew E. Biber)
- 2012 Chicha and Wari: A Macrobotanical Analysis of Features from Cerro Baúl in the Moquegua Valley, Peru. Presented at the 77th Annual Meeting of the Society for American Archaeology, Memphis, Tn. (Matthew E. Biber)

Manuscripts In Preparation

- In Prep Cuisine and Culture Contact on the Frontier: Paleoethnobotanical Evidence of Wari and Indigenous Interaction through Food in Moquegua, Peru. To be submitted to *Latin American Antiquity*.
- In Prep Paleoethnobotanical Investigations at Quilcapampa, A Wari Colony in Arequipa, Peru. To be submitted to University of Alabama Press as part of an edited volume titled *Food and Culture in the Andes*.

In Prep Reconstructing Wari Cuisine: A View from the Periphery using Paleoethnobotanical Evidence. To be submitted to Latin American Antiquity Reports.

Honors and Awards

2018 UCSB GSA Excellence in Teaching Award Nomination
2013 UCSB GSA Excellence in Teaching Award Nomination
2009 Ripon College Excellence in Anthropology Award

Teaching Experience

Instructor of Record (UCSB Undergraduate Courses):

Associate Lecturer, Prehistoric Food Production (Summer 2017, Winter 2018, Summer 2018)

Teaching Assistant (UCSB Undergraduate Courses in Anthropology and Geology):

Introduction to Cultural Anthropology
Introduction to Biological Anthropology
Introduction to Archaeology
Human Evolution
North American Indians
Walking with Dinosaurs (Geology Department)

Courses Prepared to Teach:

Introduction to Anthropology
Introduction to Archaeology
Anthropology of Food
Anthropology of Complex Societies
Andean Prehistory
Archaeological Theory
Anthropology of Identity, Race, and Gender
Paleoethnobotany Lab Methods
Archaeological Field Methods
North American Archaeology

Pedagogical Training

Certificate in College and University Teaching (CCUT)

Spring 2018 Pedagogical training program including teaching workshops, mentor circles, teaching with technology, teaching observations, and developing a teaching portfolio

Certificate from Summer Teaching Institute for Associates (STIA)

Spring 2017 Pedagogical training program focused on developing classroom pedagogical skills, including teaching with technology, ethics training, and developing a teaching philosophy

Archaeological Fieldwork Experience

Field Supervisor, Excavations at the Las Peñas site in the Upper Moquegua Valley, Peru, June – August 2015

Duties: Field Excavation Supervisor, generating unit reports, cataloging artifacts, field school TA instructing field school students and grading performance, project logistical needs

Field Assistant, UCSB/NPS Archaeological Survey of Santa Rosa Island, July 2013

Duties: Conducted field survey of Santa Rose Island. Duties included walking transects, recording locations of mortar and house depressions, filing paperwork with National Park Service

Field Supervisor, Excavations of Middle Horizon/Late Intermediate Period sites in the Upper Moquegua Valley, Peru, June – August 2012

Duties: Field Excavation Supervisor, generating unit reports, cataloging artifacts, submitting excavated materials to Ministerio del Cultura de Peru, field school TA instructing field school students and grading performance, and project logistical needs

Field Supervisor, Excavations of Mesolithic archaeological sites in Bad Buchau, Germany, August – September 2011

Duties: Field Unit supervisor assisting Dr. Michael Jochim in excavations of Mesolithic lakeshore sites. Duties included unit excavation, completing field forms, cataloging artifacts

Field Supervisor, Excavations at the Middle Horizon Wari site of Cerro Mejia in the Upper Moquegua Valley, Peru, June – August 2011

Duties: Field Excavation Supervisor, generating unit reports, cataloging artifacts, field school TA instructing field school students and grading performance, attending to project logistical needs

Field School Student, Gravina, Italy, San Felice Archaeological Site, 2008

Duties: Field school student, instructed in excavation methods under the supervision of Dr. Tracy Prowse and a nearby Medieval site under the Direction of Dr. Alistair Small

Archaeological Laboratory Experience

Paleoethnobotanical Analysis for TCR Garrow Associates, Inc. based in Chapel Hill, North Carolina, of 31BN976 project, North Carolina, October 2018. Report on file.

Duties: Sorting Archaeobotanical Materials, Identifying Recovered Plant Remains

Paleoethnobotanical Specialist, Proyecto Investigación Arqueología de Huaca del Loro, July 2018 – Present

Duties: Served as the primary authority on plant remains recovered from Huaca del Loro in Nasca, Peru, created project soil sampling protocol, identified plant remains in the field and laboratory, created report of plant remains recovered from the site.

Paleoethnobotanical Specialist, Proyecto Investigación Arqueología de Yahuay Alta, January 2018 – Present

Duties: Will serve as the primary authority on plant remains recovered from Yahuay Alta in Nasca, Peru, will create project soil sampling protocol, will identify plant remains in the field and laboratory, and create report of plant remains recovered from the site.

Paleoethnobotanical Analysis for TCR Garrow Associates, Inc. based in Chapel Hill, North Carolina, of 31GH365 project, North Carolina, January 2018. Report on file.

Duties: Sorting Archaeobotanical Materials, Identifying Recovered Plant Remains

Paleoethnobotanical Analysis for TCR Garrow Associates, Inc. based in Chapel Hill, North Carolina, of 31JK164 project, North Carolina, June-August 2017. Report on file.

Duties: Sorting Archaeobotanical Materials, Identifying Recovered Plant Remains

Paleoethnobotanical Specialist, Proyecto Investigación Arqueología de Quilcapampa, June 2016 – Present

Duties: Served as the primary authority on plant remains recovered from Quilcapampa in the Siguanaco Valley, Peru, created project soil sampling protocol, identified plant remains in the field and laboratory, created report of plant remains recovered from the site.

Paleoethnobotanical Analysis for TCR Garrow Associates, Inc. based in Chapel Hill, North Carolina, of McCoy Bridge project, North Carolina, August-September 2015. Report on file.

Duties: Sorting Archaeobotanical Materials, Identifying Recovered Plant Remains

Paleoethnobotanical Analysis for TCR Garrow Associates, Inc. based in Chapel Hill, North Carolina, of Sabal Trail Phase 2 project, Georgia, August-October 2014. Report on file.

Duties: Sorting Archaeobotanical Materials, Identifying Recovered Plant Remains

Paleoethnobotanical Laboratory Supervisor, UCSB Integrative Subsistence Laboratory
September 2009 – Present

Duties: Instructed and supervised students in archaeological methods and plant identification, managed intern schedule, ordered lab supplies, contributed to day-to-day operations of the lab.

Paleoethnobotanical Specialist, Upper Moquegua Valley Archaeological Project, Moquegua, Peru, June 2009 – 2012

Duties: Served as the primary authority on plant remains recovered from archaeological sites in the Upper Moquegua Valley, identified plant remains in the field and laboratory, created report of plant remains recovered from the site, instructed field school students in archaeological and archaeobotanical methods.

Paleoethnobotanical Specialist, Cerro Mejia Archaeological Project, Moquegua, Peru,
June – August 2009

Duties: Served as the primary authority on plant remains recovered from Cerro Mejia, identified plant remains in the field and in the laboratory, created preliminary reports of plant remains recovered from the sites, instructed field school students in archaeological and archaeobotanical methods.

Technical Reports

2018 **Matthew Biber** and VanDerwarker, Amber. Analysis of Plant Remains from the 31BN976 Site. Submitted to TRC Garrow & Associates. 10pp.

2018 VanDerwarker, Amber, **Matthew Biber**, Mallory Melton, and Jenna Santy. Analysis of Plant Remains from the 31GH365 Site. Submitted to TRC Garrow & Associates. 12pp.

2017 **Biber, Matthew**. Informe de las especies botanicas halladas en el “Proyecto de Investigacion Arqueologica Quilcapampa La Antigua – PIAQ”. Submitted to Dr. Justin Jennings. 20pp.

2017 VanDerwarker, Amber, **Matthew Biber**, and Mallory Melton. Analysis of Plant Remains from the 31JK164 Site. Submitted to TRC Garrow & Associates. 15pp.

2015 VanDerwarker, Amber, **Matthew Biber**, Mallory Melton, and Jenna Santy. Analysis of Plant Remains from the McCoy Bridge Site. Submitted to TRC Garrow & Associates. 27pp.

2012 VanDerwarker, Amber and **Matthew Biber**, Analysis of Plant Remains from the Sabal Trail Phase 2 site. Submitted to TRC Garrow & Associates. 12pp.

Professional Workshops Attended

Starch Grain and Phytolith Recovery, Processing, and Identification Workshop, Lead by Dr. Ruth Dickau, November 2, 2017

Description: Instructed in basic methods of recovery and identification of starch grains and phytoliths recovered from archaeological sites

Comparative Borderlands in Anthropology and History, Short Seminar Comparative Borderlands in Anthropology and History, June 7–8, 2013.

Description: Participated in a 3-day seminar at the School of Advanced Research presenting original research and discussing theoretical issues related to borderlands and issues of culture contact in anthropology and history.

Wood Identification Workshop, Lead by Dr. John Marston, October 2010

Description: Instructed in basic methods of recovery and identification of wood remains recovered from archaeological sites

Synergistic Activities

Service to the Discipline

Peer-Reviewer, *Economic Botany* (2016–present)

Conference Volunteer, Annual Meeting of the Society of Ethnobiology, University of California, Santa Barbara, May 6-9, 2015

Service to the University

Organizing Volunteer, UCSB Anthropology Department liaison to job candidate search (2018)

Committee Representative, UCSB Campus Elections Committee (2013–Present)

Organizing Volunteer, UCSB Anthropology Department Graduate Preview Weekend (2016)

Anthropology Department Graduate Student Representative, UCSB Graduate Student Association (2009 – 2010)

Service to the Community

World Anthropology Day Open House Volunteer, UCSB Integrative Subsistence Lab (2016-present)

Outreach Program Volunteer, Anthropology Graduate Student Association (2009 – present)

Professional Memberships

Society for American Archaeology (SAA)
Southeastern Archaeological Conference (SEAC)
Midwest Archaeological Conference (MAC)
Society of Ethnobiology (SOE)

Professional References

Dr. Amber M. VanDerwarker
Professor of Anthropology, University of California, Santa Barbara
Email: vanderwarker@anth.ucsb.edu

Dr. Donna J. Nash
Assistant Professor of Anthropology, University of North Carolina, Greensboro
Email: djnash@uncg.edu

Dr. Justin Jennings
Curator (New World Archaeology), Royal Ontario Museum
Email: justinj@rom.on.ca

Dr. Gregory Wilson
Associate Professor of Anthropology, University of California, Santa Barbara
Email: gdwilson@anth.ucsb.edu