

# Curriculum Vitae

**Nathan A. Shelley**

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## **Education:**

- 2019–Present      Ph.D. Anthropology (Archaeology)  
Texas A&M University  
Advisor: Dr. Kelly Graf
- 2016–2019      M.A. Anthropology (Archaeology)  
Eastern New Mexico University, Portales  
Thesis: “Assessing Archaeological Applications of Curated Sediment  
Samples: A Case Study at Mesa Portales.”  
Chair: Dr. Heather Smith  
Committee: Dr. Kathy Roler Durand, Dr. John Montgomery
- 2014–2016      B.S Anthropology (Magna Cum Laude)  
Arizona State University, Tempe

## **Honors and Awards:**

- Spring 2018, Eastern New Mexico University, Graduate Student Research Grant \$400  
Spring 2018, Student Leader of the Year Eastern New Mexico University  
Spring 2018, First place, Poster Presentation, 44<sup>th</sup> Annual Student Research and  
Creativity Conference, \$60  
Spring 2018, Archaeological Society of New Mexico Scholarship, \$500  
Spring 2018, Outstanding Graduate Student in Anthropology, Eastern New Mexico  
University  
Spring 2017, Student Travel Grant Eastern New Mexico University – \$1200  
Spring 2016, Cynthia Lakin Award Arizona State University – \$200  
Spring 2016, Dean’s List Arizona State University  
Fall 2016, Dean’s List Arizona State University  
Spring 2015, Dean’s List Arizona State University

## **Research Interests:**

North American archaeology, Southwest archaeology, Paleoindian archaeology, Digital Geospatial Analysis, Mobility, Human adaptations to climate change, Geoarchaeology, Geomorphology, Curation Management, Hunter-gather archaeology, Hunter-gatherer Landscape Use, XRF/XRD, Lithic analysis, Lithic characterization analysis.

### **Appointments:**

- 2019-Present. Graduate Research Assistant for Dr. Kelly Graf, Texas A&M University.
- 2018-2019. Collections Assistant, Eastern New Mexico University Repository.
- 2016-2019. Docent/Site Steward Blackwater Draw Site and Museum, Eastern New Mexico University
- 2018-2019. Graduate Assistant, Teaching and Research Assistant for Dr. Heather Smith, Eastern New Mexico University
- 2017-2018 Graduate Assistant, Teaching Assistant for Dr. Erik Stanley, Eastern New Mexico University
- 2016-2017. Graduate Assistant, Teaching Assistant for Dr. Heather Smith, Eastern New Mexico University
- 2015-2016 Collections Assistant, Center for Archaeology & Society Repository, School of Human Evolution and Social Change, Arizona State University
- 2014-2015 Collections Intern, Center for Archaeology & Society Repository, School of Human Evolution and Social Change, Arizona State University
- 2009-2014 Computer Technician, Synergy it sol LLC

### **Archaeological Field Experience:**

- May-July 2019 Student Technician, McDonald Creek Excavations, PI Dr. Kelly Graf
- Oct 2018 Crew, San Ysidro Rock Shelter Survey, supervisor Dr. Heather Smith
- June 2018 Crew, San Ysidro Rock Shelter Survey, supervisor Dr. Heather Smith
- June 2018 Crew, Mesa Portales Geoarchaeological Coring Project,

	supervisor Dr. Heather Smith
May 2018	Crew, San Ysidro Rock Shelter Reconnaissance, supervisor Dr. Heather Smith
June 2017	Graduate Assistant, Creekside Village, PI Dr. David Greenwald, supervisor Dr. Heather Smith
April 2017	Crew, Blackwater Draw Excavations PI George Crawford
Jan–May 2016	Crew Chief, Mesa Grand Archaeological Field School, PI Dr. Jerry Howard
June–July 2015	Student, Coppers Ferry Archaeology Field School, PI Dr. Loren Davis
Jan–May 2015	Student, Mesa Grand Archaeological Field School, PI Dr. Jerry Howard

### **Archaeological Lab Experience:**

Fall 2018-2019	ENMU Student Geoarchaeology Laboratory Manager
Fall 2018-2019	Mesa Portales stratigraphic characterization analysis
Fall 2018	San Ysidro Rockshelter Lithic Analysis
Summer 2018	San Ysidro Rockshelter Artifact Cataloging
Spring 2018	Mesa Portales Lithic Analysis
Fall 2016	Arena Alta Artifact Inventory
Fall 2016	Arena Alta Lithic Analysis
Spring 2016	Roosevelt Rural Site Study Ceramic Temper Analysis
Fall 2015	Hankat Cave Lithic Analysis

### **Relevant Course Work:**

#### **Graduate:**

Anth 587 Principles of Geoarchaeology  
 Geol 311 Sedimentation and Stratigraphy\*  
 Geol 554 Geochemistry  
 Geol 304 Geomorphology\*  
 Anth 520 Advanced Lithic Analysis  
 Anth 550 Archaeological Theory  
 Anth 513 Hunter-Gatherer Archaeology  
 Anth 506 Applied Data Analysis (Quantitative Analysis)  
 Anth 519 Graphics for Research

**Undergraduate:**  
ASB 591 Ceramic Theory

**Teaching Experience:**

Eastern New Mexico University:

- Spring 2019 Teaching Assistant, Anth 103 *Humans and their Environments* (Online Course), Contributed in constructing blackboard and syllabus. Graded bi-weekly discussion board and monitored student progress.
- Spring 2019 Teaching Assistant, Anth 333 *Anthropology of the Developing World*, Assisted instructor during course lectures, graded in-class assignments, and exams. Ran all online activities and contributed to lecturing.
- Spring 2019 Teaching Assistant, Anth 310 *Origins of Human Diversity* , Assisted instructor during course lectures, constructed tests, graded in-class assignments, papers, and tests, ran all online activities and contributed to lecturing.
- Fall 2018 Teaching Assistant, Anth 503/403 *Introduction to Geographic Information Systems*,  
Ran open GIS lab hours and assisted students with course assignments, and graded assignments and exams.
- Fall 2018 Guest lecturer, Anth 245 *Introduction to Archaeology*,  
Provided background lecture and instructions for the practical laboratory assignment “Ceramics in the American Southwest”.
- Spring 2018 Teaching Assistant, Anth 103 *Humans and their Environments* (Online Course),  
Contributed in constructing blackboard and syllabus.  
Graded bi-weekly discussion board and monitored student progress.
- Spring 2018 Teaching Assistant, Anth 333 *Anthropology of the Developing World*,  
Assisted instructor during course lectures, graded in-class assignments, and exams. Ran all online activities and contributed to lecturing.
- Spring 2018 Teaching Assistant, Anth 310 *Origins of Human Diversity* ,  
Assisted instructor during course lectures, constructed tests, graded in-class assignments, papers, and tests, ran all online activities and contributed to lecturing.
- Spring 2018 Guest Speaker, Anth 245 *Introduction to Archaeology*,

Provided background lecture and instructions for the practical laboratory assignment “Ceramics in the American Southwest”.

- Fall 2017 Teaching Assistant, Anth 310 *Origins of Human Diversity*, Graded in-class assignments, quizzes, tests, and papers.
- Fall 2017 Teaching Assistant, Anth 243 *Introduction to Cultural Anthropology*, Assisted instructor during lectures, constructed tests, graded in-class assignments, papers, tests, and discussion boards. Ran all online activities on Blackboard and Mediasite. Contributed to lecturing.
- Summer 2017 Graduate Assistant, Anth 483 *Summer Field School* Graded weekly summaries, assisted students with archaeological field techniques.
- Spring 2017 Teaching Assistant, Anth 245 *Introduction to Archaeology* Graded labs and tests, assisted students with laboratory assignments, contributed to lecturing.
- Fall 2016 Guest Speaker, Anth 245 *Introduction to Archaeology* Provided background lecture and instructions for the practical laboratory assignment “Ceramics in the American Southwest”.

### **Special Skills and Training:**

**Laboratory:** Ceramic analysis, lithic analysis, artifact photography, sediment and soil analysis, archaeological collections curation management, NAGPRA artifact inventories.

**Spatial Analysis:** ArcGIS, Total Data Station

**Statistical Analysis:** Minitab

**Graphic design:** Adobe photoshop, Illustrator

**Text-editing:** Microsoft Word, Excel, Visio, Power Point, Access, Adobe Acrobat.

**Other Relevant Software:** SigmaPlot

### **Conference Presentations and Publications:**

**Shelley, N.** (2019) Assessing Archaeological Applications of Curated Sediment Samples, A Case Study at Mesa Portales. Poster presented at Society for American Archaeology, 84<sup>th</sup> Annual Meeting, Albuquerque, NM. (Invited Session)

**Shelley, N.** (2019) A Geoarchaeological and Geospatial Analysis of Analysis of Two Pit Structures at Mesa Portales: LA 145165 and LA 145166. Graduate Education Day, Santa Fe, New Mexico.

**Shelley, N.** (2018) Excavating the Collections: A Case Study from Mesa Portales. *Newsnac Spring 2018*, 1:19-22.

Martinez, E. and **N. Shelley** (2018) Augmented Reality as a Teaching Tool: Running Topographic Simulations in Real Time. Poster presented at Eastern New Mexico University 44<sup>th</sup> Annual Student Research and Creativity Conference, Portales, New Mexico.

**Shelley, N.** (2018) Raw Material Procurement at Mesa Portales, LA145165 and LA145166. Paper presented at Eastern New Mexico University 44<sup>th</sup> Annual Student Research and Creativity Conference, Portales New Mexico.

**Shelley, N.** and N. Wagner (2016) Hankat Cave Project Curation and Lithic Analysis. Poster presented at SHESC Undergraduate Research Symposium, Tempe, Arizona.

### Conference Presentations in Preparation:

**Shelley, N.** and K. Graf (2019) A Preliminary Spatial Analysis of the Late Pleistocene Components at the McDonald Creek Site, Interior Alaska. Poster presented at Society for American Archaeology 85<sup>th</sup> Annual Meeting, Austin, TX. (Invited Session).

### Departmental Service:

2019 January 25<sup>th</sup>-27<sup>th</sup>, Eastern New Mexico University Student Fee's board  
(board member \$1,600,000 allocated)  
2018 August 21<sup>st</sup>-25<sup>th</sup>, Portales County Fair (Booth), Portales  
2018 June 28<sup>th</sup>, Eastern New Mexico University Recruitment Commercial (Participant)  
2017-2018 Student Anthropology Club- President  
2018 April 14<sup>th</sup>, Portales Fairgrounds, (Guest Speaker), Topic: Archaeology of  
Blackwater Draw  
2018 March 27<sup>th</sup>-29<sup>th</sup> ENMU Anthropology Recruitment Booth (Volunteer)  
2018 March 23<sup>rd</sup> Cynthia Irwin-Williams Lectureship (Co-organizer)  
2018 March 6<sup>th</sup>, Student Anthropology Club Ceramics Workshop (Co-organizer)  
2018 February 15<sup>th</sup> Anthropology Day (Volunteer)  
2018 January 26<sup>th</sup>-28<sup>th</sup>, Eastern New Mexico University Student Fee's board  
(board member \$1,700,000 allocated)  
2017 November 30<sup>th</sup>, Student Anthropology Club C.V. Workshop  
(Co-Organizer)  
2017 October 28<sup>th</sup>, Blackwater Draw Atlatl Competition (Co-organizer)  
2017 July 22<sup>nd</sup> 26<sup>th</sup>, Annual Clovis Ethnic Fair (Booth), Hillcrest Park  
2017 March 3<sup>rd</sup>-5<sup>th</sup>, Eastern New Mexico University Student Fee's board  
(board member \$1,650,000 allocated)  
2017 February 23<sup>rd</sup>, Cynthia Irwin-Williams Lectureship (Co-organizer)  
2016 October 29<sup>th</sup>, Blackwater Draw Atlatl Competition (Co-organizer)  
2016 March 5<sup>th</sup>, Archaeology Expo (Booth), Casa's Grande Ruins National Monument

2015 October 3<sup>rd</sup>, Phoenix Arts & Culture Day (Booth)  
2015 March 7<sup>th</sup>, Archaeology Expo (Booth), Yuma

### **Professional memberships:**

Lambda Alpha Anthropology Honors Society  
American Alliance of Museums  
Arizona Archaeological and Historical Society  
Society for American Archaeology  
Jornada Research Institute

### **References:**

Dr. Heather Smith, Assistant Professor of Anthropology, Department of Anthropology and Applied Archaeology, Eastern New Mexico University 1500 S Ave K ENMU Station 53. [Heather.L.Smith@enmu.edu](mailto:Heather.L.Smith@enmu.edu), 575-562-2583

Dr. Kathy Roler Durand, Professor Emeritus, Department of Anthropology and Applied Archaeology, Eastern New Mexico University 1500 S Ave K ENMU Station 53. [Kathy.Durand@enmu.edu](mailto:Kathy.Durand@enmu.edu), 575-562-2303

Dr. Erik Stanley, Assistant Professor of Anthropology, Department of Anthropology and Applied Archaeology, Eastern New Mexico University 1500 S Ave K ENMU Station 53. [Erik.Stanley@enmu.edu](mailto:Erik.Stanley@enmu.edu), 575-562-2322

Dr. Arlyen Simon, Associate Research Professor Emeritus of Human Evolution & Social Change, Arizona State University, PO Box 872402, Tempe, AZ, 85287-2402, [Arlyen.Simon@asu.edu](mailto:Arlyen.Simon@asu.edu), 480-965-7650