

## Paige Lynch

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### Education

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- 2018 – Present      **University of New Mexico, Albuquerque, NM (3.84 GPA)**  
Ph.D. Student in Evolutionary Anthropology
- 2016 – 2018      **Mercyhurst University, Erie, PA**  
M.S. in Anthropology  
Concentration in Forensic and Biological Anthropology
- 2012 – 2016      **The Pennsylvania State University, University Park, PA**  
B.A., Anthropology  
B.A., Classics and Ancient Mediterranean Studies  
Minors: Spanish, Jewish Studies, International Studies  
Schreyer Honors College  
Paterno Fellows Program

### Honors, Awards, Grants

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- UNM Career Services S-CAP Grant (\$600)
- UNM Department of Anthropology Travel Funds; 2020 (\$300)
- GPSA Student Research Grant (\$500)
- GPSA New Mexico Research Grant (\$2,027.99)
- Latin American and Iberian Institute Field Research Grant; 2019 (\$1,500 - *Declined*)
- GPSA Professional Development Grant; 2019 (\$500)
- UNM Department of Anthropology Travel Funds; 2019 (\$500)
- Liberal Arts Enrichment Funds; 2016 (\$2,000)
- Snow Award in Archaeology; 2015 (\$350)
- Jewish Studies Scholarship; 2015 (\$600)
- Erickson Summer Discovery Grant; 2015 (\$3,500)
- Classics and Ancient Mediterranean Studies Scholarship; 2015 (\$500)
- James W. Hatch Memorial Scholarship; 2015 (\$260)
- Liberal Arts Enrichment Funds; 2015 (\$2,000)
- Matson Student Member Fellowship; 2015
- Mike Grossman Charitable Lead Trust; 2015 (\$1,000)
- Need Based Scholarship (Schreyer Honors College); 2015 (\$6,000)
- Schreyer Honors College Summer Thesis Scholarship; 2015 (\$450)
- Classics and Ancient Mediterranean Studies Scholarship; 2014 (\$2,000)
- James W. Hatch Memorial Scholarship; 2014 (\$250)
- Jewish Studies Scholarship; 2014 (\$1100)
- Liberal Arts Enrichment Funds; 2014 (\$2,000)
- Matson Student Member Fellowship; 2014
- Need Based Scholarship (Schreyer Honors College); 2014 (\$6,000)
- Liberal Arts Enrichment Funds; 2013 (\$2,000)

### Field Experience

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- May – June 2019      **Bladen Paleoindian and Archaic Archaeology Project, Belize**
- Excavated human burials in a rock shelter setting
  - Wrote unit report for season
  - Documented and cataloged artifacts

- July 2018                    **Atapuerca Burgos, Spain**
- Excavated in a cave setting
  - Learned about cave stratigraphy
  - Practiced communication in Spanish
- 2016 – 2018                **Mercyhurst – Forensic Science Recovery Team, Erie, PA**
- Search and recovery on 24 forensic cases
    - Use of Total Station, Trimble R8
    - Pedestrian and Hand-and-Knee searches
    - Setting up baseline, datum, grid system for excavation and mapping
    - Hand drawn maps at scene
    - Outdoor surface scatters, burials, fatal vehicle fires
- July – August 2016        **OCME Connecticut, Farmington, CT**
- Initial notes at crime scenes
    - Noting observations, preliminary examination of remains
    - Time of death and stage of decomposition
    - Work actively with police officers
    - Understanding and considering cause and manner of death
- 2013 – 2015                **Tel Akko Total Archaeology Field School, Akko, Israel**
- Square Supervisor; 2015 and Junior Square Supervisor; 2014
    - Wrote 2014 and 2015 seasons square reports
    - Documented and cataloged artifacts, daily square notes
    - Guided and taught hands-on skills to new students in field
    - Learned GIS, Survey, and Zooarchaeology
    - Presented at informational sessions promoting field school
  - Experience in open-air setting
  - Practiced communication with non-native English speakers
- June 2015                    **Cueva de la Cocina, Dos Aguas, Spain**
- Experience in cave setting
  - Understanding of complex cave stratigraphy
  - Used diverse excavation techniques and documentation processes
  - Practiced communication with non-native English speakers

**Lab Experience**

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- 2018 – present            **Office of the Medical Investigators, Albuquerque, NM**                    (Dr. Edgar)
- Process and macerate human remains for forensic anthropological analyses
  - Analyses include biological profile assessment. trauma, taphonomy, pathology
  - Write and edit official reports
- 2018 – present            **Environmental Archaeology Lab, Albuquerque, NM**                    (Dr. Prufer)
- Prepared samples for isotopic analyses including
    - Carbon, nitrogen, strontium, oxygen
    - Radiocarbon dating
  - Worked with human and faunal bone, charcoal
- 2016 – 2018                **Ted A. Rathbun Osteology Lab, Erie, PA**                                    (Dr. Dirkmaat)
- Labeled human remains for cases and donated bodies collection

- Analyses include Biological profile assessment. Trauma, Taphonomy. Pathological
- 2016 – 2018      **Hirtzel Forensic Anthrpology Lab, North East, PA**      (Dr. Dirkmaat)
- Processed and macerated human remain for analyses
  - Worked on criminal cases and donated bodies collections
  - Taken X-rays of remains
- July – August 2016      **OCME Connecticut Autopsy, Farmington, CT**      (Dr. Gill)
- Observe Medical Examiners and Technicians during autopsy
  - Understanding of anatomy, diseases, pathologies
  - Cases included overdoses, car accidents, decomposition, gunshot wounds, natural causes
- 2014 – 2016      **Human Paleocology and Stable Isotope Lab, University Park, PA** (Dr. Kennett)
- Processed remains for isotopic analysis
  - Experience with bone in a variety of preservation level
- 2013 – 2014      **Zooarchaeology Lab, University Park, PA**      (Dr. McClure)
- Identified, cleaned fauna remains
  - Worked with a variety of species of animal specimens
  - Data entry, organized laboratory materials

### **Teaching Experience**

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- Fall 2018      **Forensic Anthropology**
- Teaching Assistant
    - Graded quizzes, and exams
    - Presented a lection on sharp force trauma
    - Fielded student questions
- Spring 2018      **Paleoanthropology II**
- Teaching Assistant
    - Taught a brief introduction to osteology
    - Graded undergraduate exams, quizzes, chapter and scholarly article summaries
- Fall 2017      **Paleoanthropology I**
- Teaching Assistant
    - Taught a brief introduction to osteology
    - Graded undergraduate exams, quizzes, chapter and scholarly article summaries
- Fall 2017      **Basics of Forensic Anthropology**
- Teaching Assistant
    - Directed first year graduate students on GIS lab
    - Prepared osteological based labs
    - Guided students on various assignments
- June and July 2017      **DukeTIP Summer Studies**
- Instructor at Duke West Campus and Georgia Institute of Technology Campus
    - Instructor for Forensic Anthropology
    - Taught two sessions, three weeks each, six hours a day

- Worked with 8<sup>th</sup>-11<sup>th</sup> grade high school students, 16-18 students per class
- Created lessons plans, PowerPoint Presentations, laboratory experiments, field activities, organized educational field trips, ordered necessary supplies for classroom

### **Field Reports**

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- 2019                      **Unit 13 and 14 Report, Belize Paleoindian and Archaic Archaeology Project**
- Authors of Units 13 and 14 Reports
- 2014 – 2015            **RR3 Square Report, Tel Akko Total Archaeology Field Report**
- Coauthor to Square RR3 Field Reports
  - Complied information, data, and photos

### **Scholarly Membership, Leadership**

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- 2017 – 2020            **American Academy of Forensic Sciences**
- 2017 – 2020            **American Association of Physical Anthropologists**
- 2014 – 2015            **Archaeological Institute of America**
- Matson Student Member Fellowship awarded by Penn State

### **Publications, Presentations**

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- Lynch, P.**, Willermet, C., Moes, E., Edgar, H., Ragsdale, C.  
 2019 Similarities and differences in cranial trauma in high and low status cemeteries in Colonial Mexico City  
 Poster to the 88<sup>th</sup> American Association of Physical Anthropology Meeting
- Lynch, P.**, Carpenter, K., Kenyhercz, M., Garvin, H.  
 2018 A test of the (hu)MANid sex and ancestry estimation program on a diverse sample of modern, historic, and prehistoric mandibles  
 Poster to the 87<sup>th</sup> American Association of Physical Anthropology Meeting
- Perez, D., **Lynch, P.**, Dunn, R., Constantino, A., Cabo-Perez, L.  
 2018 The application of the Megyesi method and Improved TBS and ADD Equations to Pennsylvania, Ohio, and New York Cases  
 Poster to the 70<sup>th</sup> American Academy of Forensic Sciences Annual Meeting
- Lynch, P.**, Nida, K., Perez, D.  
 2017 Forensic Taphonomic Interpretations in the Laboratory: A Case Study  
 Presentation to the 7<sup>th</sup> Forests, Lakes, and Grasslands Forensic Anthropological Annual Meeting

### **Skills, Qualifications**

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#### Field Skills:

- Excavation (Natural & Arbitrary Layers)
- Excavation of human remains
- Preservation of provenance of evidence at scenes
- Removal of human remains from field
- Identification of human vs non-human remains
- Test Pit Survey
- Soil Analysis
- Plan View Mapping
- Profile Mapping
- Use of Canon and Olympus cameras
- Use of compass
- Trimble R8
- GPS Mapping and Navigation
- Pedestrian Survey
- Total Station

## Laboratory Skills:

- Maceration of human remains
- Labeled human remains
- 3D Scanning
- Leica Stereoscope with camera
- AMS Radiocarbon and Stable Isotope Preparation and Packing
- Skull Digitizer
- Site and Survey Report Writing
- Bone Collagen Extraction and Purification (Ultrafiltration & XAD)
- Faunal Analysis
- Microscope Slide Sectioning and Preparation
- DNA Gel Electrophoresis Protocol
- Faunal Specimen Preparation
- Macrobotanical Sample Sorting

## Computer Skills:

- ArcGIS Spatial Analysis
- Data Entry
- Microsoft Office Programs
- Case Manager<sub>FW</sub><sup>TM</sup>
- Filemaker Database
- Adobe Photoshop

## **Work Experience**

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- 2016 – 2018                      Office of Academic Support, Erie, PA
- Triaged students to appropriate places
  - Customer service to variety of people
  - Answered phones, worked on data base entry
- 2012 – 2016                      PSU Fitness, University Park, PA
- Fitness Instructor
    - Instructed and lead Group Exercise classes
    - Guided and motivated patrons through a full class
    - Developed plans for the class
    - Monitored patrons during classes
  - Fitness Attendant
    - Prepared rooms for fitness classes
    - Cleaned, organized after classes
    - Monitored patrons during classes
- 2012 – 2016                      HUB – Robeson Center, University Park, PA
- Student employee
    - Taken initiative when helping student organizations
    - Answered phones, worked on data base entry

## **References**

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Dr. Heather Edgar  
University of New Mexico  
Associate Professor  
[hjhedgar@unm.edu](mailto:hjhedgar@unm.edu)

Dr. Dennis C. Dirkmaat  
Director of Applied Forensic Sciences  
Mercyhurst University  
[ddirkmaat@mercyhurst.edu](mailto:ddirkmaat@mercyhurst.edu)

Dr. Keith Prufer  
University of New Mexico  
Associate Professor  
[kmp@unm.edu](mailto:kmp@unm.edu)

Dr. Sarah McClure  
University of California, Santa Barbara  
Associate Professor  
[mcclure@anth.ucsb.edu](mailto:mcclure@anth.ucsb.edu)