

LOCAL ADDRESS
Melbourne
Australia

NATASHA N. NAGLE

PERMANENT ADDRESS
Pennsylvania
USA

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<http://nagleadventuresofthepath.weebly.com>

EDUCATION

La Trobe University **Melbourne, Victoria**
Doctor of Philosophy (PhD) *Expected 2026*
Fully Funded Scholarship Recipient (ARC Funded Earliest Village People's Project)

University of Cambridge, Department of Archaeology **Cambridge, UK**
MPhil in Archaeology (Archaeological Sciences Track) *Matriculation: October 2018*

The Pennsylvania State University, Schreyer Honors College **University Park, PA**
Bachelor of Science in Geosciences, *Magna Cum Laude* *Graduated: August 2018*
Bachelor of Arts in Classics and Ancient Mediterranean Studies, *Magna Cum Laude* *GPA: 3.89 (4.0 scale)*
Bachelor of Arts in Anthropology, *Magna Cum Laude*
Interdisciplinary Honors in Geosciences and Classics and Ancient Mediterranean Studies
Minor in Jewish Studies
Minor in International Studies
Minor in History

FIELD/LAB EXPERIENCE

Geological Survey of the Eastern Jordan River Valley (in association with Earliest Village People's Project) **Jordan**
Survey Lead and On-Site Geologist *March 2023 - April 2023*

- Conducted initial geological survey within the Northeastern Jordan River Valley to identify and map outcrops of the Lisan and Damya geological Formations
- Completed bulk sediment, oriented blocks, and OSL sampling and complete geological descriptions of the identified geological outcrops

ASCSA Wiener Lab Field School on Site formation, Stratigraphy, and Geoarchaeology **Athens, Greece**
Excavation Member *May 2022 - June 2022*

- Conducted interdisciplinary field research regarding archaeological context, geoarchaeology, and material sciences through field observation, lab analysis, and lectures on archaeological sediments and deposits, recording stratigraphy, and understanding site formation processes in the Athenian Agora

Early human dispersal into Southeast Asia: identifying the key environmental drivers **Adelaide, South Australia**
Researcher *Jan 2020 - Jan 2022*

- Conducting research into the geoarchaeological remains of hominin dispersal into SE Asia on their way into Australia and what they indicate regarding the environmental drivers for such migrations and their associated patterns
- Completed aDNA and sediment bulk sampling, and is making/analyzing thin sections from the site of Laili, East Timor to reconstruct the site's paleoenvironmental characteristics and identify signs of human occupation
- Collected and analyzed micromorphological block and disaggregated bulk samples from Cloggs Cave
- Collected and analyzed samples of geological and sedimentary parent material from the local Cloggs Cave and Buchan River catchments for the purpose of reconstructing the site's paleolandscape dynamics

Government Reserve Archaeology Project (GRASP) **Willunga, South Australia**
Supervisor *June 2021 - present*

- Helped liaise between the National Trust of South Australia (Willunga Branch) and Flinders ArchSoc to create and enact a teaching agreement formulated to provide Flinders students and National Trust volunteers with training and experience in a variety of archaeological and research experiences; such as
- Supervised students and volunteers, and participated in the hands-on research undertaken as part of GRASP; including survey, plan drawing, archival research, artifact cleaning and cataloging, scientific analysis of materials and findings, and communicating syntheses of our discoveries

East Buchan Site D **Gippsland, Victoria**
Geoarchaeology Researcher *May 2021*

- Collected micromorphological block samples and disaggregated sediment samples at East Buchan Site D to analyze the depositional histories of the site and examine the processes of deposition and weathering which would have contributed to the site both during and after human occupation of the site

Glenthorne Field School **Adelaide, South Australia**
Tutor *April 2020*

- Liaised with Flinders Archaeology professors to help run and teach critical field methods to undergraduate and postgraduate students on-site through practical hands-on exercises and rotations; over the course of a few days; taught rotations of students important field methods such as baseline offset survey and archaeological recording, and scale drawing while providing supervision and practice in the field

Hahndorf Academy Archaeology Project (HAAP) **Hahndorf, South Australia**

Field Archaeologist/Trench & Finds Supervisor

September 2020 - October 2020

- Worked with other members of HAAP and members of the public to excavate portions of the original Hahndorf Academy (1840s-1870s) as part of a salvage excavation to retain and study portions of the site where modern shed footings are to be installed; conducted excavation and recording, finds supervision, and public training and tours for community members interested in archaeology and the history of the site

Cloggs Cave

Gippsland, Victoria

Geoarchaeology Researcher

March 2020

- Obtained micromorphology block, and small disaggregated sediment samples for thin sectioning and subsequent testing across the site's in-situ section in order to reconstruct the site's environmental, human, and animal stories
- Collaborated with researchers at Monash University, the University of Adelaide, and the local indigenous peoples to create a project sensitive to both scientific excellence as well as previous and modern histories of the site

Archaeology MPhil (Archaeological Sciences) Dissertation

Cambridge, UK

Researcher and Author

March 2019 - August 2019

- Built upon previous petrological characterization and utilizing non-destructive methods such as pXRF, SEM, EDS, RTI, and Digital Microscopy to identify micro-scale similarities and differences in geological material from outcrops nearby Skorba, Malta through independent research and analysis, with the aim of applying successful techniques to archaeological remains
- Researched and wrote an MPhil level dissertation on the Exploration of late Neolithic lithic provenance by morphology in Skorba, Malta; in conjunction with the FRAGSUS collaboration between the University of Cambridge, the University of Malta, and Queen's University Belfast

Outdated or Indispensable?: Using historical data and remote sensing technologies to analyze alterations to a landscape and its subsequent archaeological potential

Cambridge, UK

Researcher

January 2019- May 2019

- Utilized QGIS, historical maps, RStudio, and satellite imagery to determine the severity and extent of changes in the landscape of the Indus River Valley, while also identifying potential sites of archaeological interest from historical maps, comparing them to modern satellite imagery and determining the probabilities that sites of interest are actually archaeological in nature and remaining in the landscape; in conjunction with the TwoRains Project

Micromorphology of Monolith 17 Slides from Roman Aldborough, England

Cambridge, UK

Researcher

December 2018 - April 2019

- Created and analyzed sediment thin sections from samples taken in Aldborough, England to examine the micromorphological contexts of the slides as compared to observations taken on site; determined the presence of a potential accretionary wood ash midden where a leveling context was expected

Geosciences: The Pennsylvania State University Field Camp

Western United States

Expedition Member

Summer 2018

- Developed field techniques and worked towards assembling an integrated understanding of the geological evolution of the Western United States and how observed characteristics represent concepts reviewed throughout undergraduate study within the Geosciences

Developing Techniques to Provenance Jaspers from Central Pennsylvania (Honors Thesis)

University Park, PA

Researcher and Author

August 2017 - April 2018

- Researched and wrote an interdisciplinary Schreyer Honors College level thesis on identifying techniques to provenance jaspers from central Pennsylvania; involving independent research and analysis with the aim to create a publishable paper based on the findings and methodologies determined; utilizing SEM, EDS, and XRD instrumentation and light optical microscopy

Tel Akko Total Archaeology Project

Tel Akko, Israel

Assistant to the Area and Square Supervisors

Summer 2012, Summer 2016

- Assisted the Area and Square supervisors with locus and square drawings, database management, field management, photo labeling, materials collection, while conducting field excavation, and heavy fraction analysis and classification

Independent Archaeological Sciences Research

University Park, PA

Independent Research Member

September 2016-May 2017

- Conduct spatial and microstructure analysis research concerning heavy fraction materials related to the metallurgical industry at Tel Akko during the Persian Period; utilize the Scanning Electron Microscope and Energy Dispersive Spectroscopy to do so

Geosciences: Geological Observatory at Coldigioco, Italy

Coldigioco, Italy

Expedition Member

Summer 2016

- Developed field techniques and assembled an integrated understanding of the origin and evolution of the Northern Apennines mountain range

COMMUNICATION AND OUTREACH EXPERIENCE

Visualize Your Thesis (VYT) Competition Entrant

Melbourne, VIC

Director, Writer, Animator, Talent, Editor

August 2023

- Created and presented an animated 60 second, visual elevator pitch (called Context is King: Exploration of the Damya Geological Formation and its Environmental Effects on Archaeological Sites in the Northeastern Jordan Valley) explaining what my PhD research is about in an engaging and informative way to a complete lay audience

National Science Week Soapbox Science Event

Adelaide, South Australia

Speaker

August 2022

- Presented the talk Science as Stories: Why scientists do what we do, and how our work helps us better inform our stories of the world around us at National Science Week's Adelaide Soapbox Science event to an audience of interested

laypeople in order to interest and engage them with the knowledge behind why science exists and how it impacts their understanding of their own lives

ReadSTEM

Adelaide, South Australia

Creator and Founder

March 2021 - present

- Built a framework dedicated to communicating a variety of science in interesting and engaging ways to both researchers and the general public
- Provided researchers and scientists with the tools, confidence, and understanding necessary to communicate their own work
- 2021 South Australian Women in Innovation Winnovation Awards Finalist
- Invitee to the 2021 South Australia Innovation and Entrepreneurship State Dinner

Australian Archaeological Association Annual Conference (AAA)

Online, Australia

Poster Presenter

December 2021

- Presented my poster and research for To 2D and back again: How 3D printing could help revolutionize archaeological communication in rural, remote, and non-specialist communities, to an audience of top archaeologists and international researchers working throughout Australia

Science in Person Science Communication Masterclass

Adelaide, South Australia

Participant

September 2021

- Participated in a professional level science communication masterclass with journalists, to discover and work on ways to communicate my research

Three Minute Thesis (3MT)

Adelaide, South Australia

Participant

June 2021 - September 2021

- Created a three minute pitch to communicate my PhD research in a fun, engaging, and interesting way to an interested, but non-specialist, audience
- Participated in the 2021 3MT competition, making it to the Semi-Finals of the University Competition

Geoarchaeology Workshop Video (for GLaWAC)

Adelaide, South Australia

Writer, Director, Editor, and Speakerr

June 2021 - Jan 2022

- Created, designed, and put together a video workshop for the Gunaikurnai Land and Waters Aboriginal Corporation (the traditional owners of the lands around Cloggs Cave, Victoria) showing how we prepare and analyze the block samples we take from archaeological sites and why geoarchaeology is a crucial component of archaeological research using the samples from Cloggs Cave as examples

Flinders Archaeology FASNET Workshop

Adelaide, South Australia

Workshop Creator and Presenter

July 2021

- Created and presented an interactive workshop on the importance of communicating science, to an audience both within and outside of the archaeological discipline

College of Humanities, Arts and Social Sciences Post Graduate Fall Conference

Adelaide, South Australia

Presenter

June 2021

- Drew on my own interest and research in science communication and gave a presentation on Science as Language: The importance of being able to translate the sciences as they exist and will continue to exist in the humanities

Flinders University STEM Ambassador

Adelaide, South Australia

STEM Ambassador (Casual Appointment)

March 2021 - present

- Worked with the Flinders University STEM outreach team to develop and hold STEM based workshops for local primary and secondary students for the purposes of engaging young students in scientific thought processes while also garnering their interest in scientific pursuits and making them aware of the potential avenues for study and careers in STEM that they could follow in the future

Intermediate Modern Greek

Adelaide, South Australia

Student

March 2021 - present

- Taking part in a community-based class to learn and further my communication capabilities in Modern Greek, while also learning more about Greek culture and history

The Thing Formerly Known as Impostor Syndrome Research Study

Adelaide, South Australia

Study Participant

June - August 2021

- Acted as a study participant in communicating my experiences with impostor syndrome and where it comes in while pursuing an academic - or academically adjacent - career in order for the study's findings to help address impostor syndrome in academia and encourage more diversity and inclusion in the sector as a result
- Created a creative artifact expounding on my experiences with impostor syndrome in academia that was included in the study's synthesis and displayed in it's associated exhibit

Developing International Geoarchaeology (DIG) Conference

Adelaide, South Australia

Paper Presenter

May 2021

- Presented and answered questions on my PhD research on Sediment Fingerprinting in Southeast Asia and Australia to an international and well-respected geoarchaeological community

Australasian Research Cluster for Archaeological Science (ARCAS) Conference

Adelaide, South Australia

Presenter

March 2021

- Presented for an archaeological science conference on the concepts behind my PhD research in Sediment Fingerprinting - Identifying Sedimentological Characteristics and Formation Processes at Late Pleistocene Archaeological Sites in SE Asia and Australia, as well as on the important position I see archaeological scientists occupying in expanding scientific communication and outreach goals

Flinders University STEM Ambassador

Adelaide, South Australia

STEM Ambassador

March 2021 - present

- Created and held workshops in various areas of the sciences and environmental factors to local Adelaide students
- Geological Society of Australia Earth Sciences Student Symposium for South Australia** **Adelaide, South Australia**
Presenter *January 2021*
- Presented to a geological sciences audience on my research into Sediment Fingerprinting - Identifying Sedimentological Characteristics and Formation Processes at Late Pleistocene Archaeological Sites in SE Asia and Sahul
- Flinders Archaeology and History Society (ArchSoc) - DigIT Journal** **Adelaide, South Australia**
Editor and Content Creator *November 2020 - present*
- Creating, editing, and publishing the Flinders Archaeology and History Society (ArchSoc) annual journal for 2021
 - Worked to expand and increase the journal's creative inclusions, professional opportunities for students, teaching offers, and circulation
- CHASS Spring Conference Presenter** **Adelaide, South Australia**
Presenter *November 2020*
- Presented to a humanities panel on the completed and upcoming work on my PhD thesis, titled: Sediment Fingerprinting - Identifying Sedimentological Characteristics and Formation Processes at Late Pleistocene Archaeological Sites in SE Asia and Sahul
- Flinders DOCFEST 2020 Poster Presenter** **Adelaide, South Australia**
Presenter *September 2020*
- Created and presented an infographic style poster focused on my PhD project's research to an audience of fellow HDR students, college members, industry professionals and academics to spur interest in, and knowledge of, my research and our wider project's impact
 - Winner of College of Humanities, Arts and Social Sciences Presentation Award for best HDR Student Poster Presentation
- TAFE SA: Discover Acting Short Course** **Adelaide, South Australia**
Participant *August 2020 - September 2020*
- Learn and apply foundational techniques of acting to better prepare for and execute future public speaking engagements and lectures in both personal and professional academic endeavors
- All Archaeology Page (Flinders Learning Online)** **Adelaide, South Australia**
Site Coordinator, Editor, and Content Creator *April 2020 - April 2021*
- Worked closely with teaching and research staff in the Flinders Archaeology department to create and maintain sections of the online learning environment dedicated to facilitating interactions and communication between department staff, undergraduate students, and graduate students
- #Disperscapes Website** **Adelaide, South Australia**
Coordinator and Content Creator *February 2020 - present*
- Collaborated with supervisors and other project members to create and maintain a website dedicated to the progress of the #Disperscapes (Early human dispersal into Southeast Asia: identifying the key environmental drivers) project
- Undergraduate Lecture in Materials for Landscape Architecture** **Doylestown, PA**
Creator and Lecturer *March 2020*
- Created and presented an undergraduate level, online lecture on Metals in Landscape Architecture for Delaware Valley University's Department of Landscape Architecture and Environmental Science
- Us and STEMM Radio Show** **Cambridge, UK**
Featured Scientist *June 2019*
- Spoke about conducting research as a scientist in archaeology during the segment 'Scientists Unravelling' while focusing on the importance of the sciences in the humanities and how my research into non-destructive provenance of siliceous materials fits into our understanding of the past
- Women's Classical Committee** **University of Cambridge**
Volunteer *May 2019 - present*
- Working to achieve online representation of women in the classics through creating, editing, and updating online entries of prominent women in disciplines related to the Classics (including but not limited to archaeologists, epigraphers, historians, linguists, and philologists), and their many contributions which have historically been largely overlooked

LEADERSHIP AND VOLUNTEER EXPERIENCE

- La Trobe University's Entrepreneurship Bootcamp** **Melbourne, VIC**
Founder and CEO - GreenGuard™ and GreenGuard Solutions™ *June - July 2023*
- Led a team of five to correctly identify an issue faced by the Australian biosecurity and agricultural industries (Foot and Mouth Disease - FMD), identify competitors and potential partners, and successfully pitch an innovative solution (GreenGuard™)
 - Created an additional arm of the business (GreenGuard Solutions™) in order to provide fee-full service work (such as consulting and contract work) to key shareholders in the Australian biosecurity and agricultural industries (state and federal governments, universities, Agribusinesses, farmers, and more) and educational opportunities to work towards increasing environmental sustainability and reducing the negative effects of incoming potential threats
 - Received mentoring from industry experts, advisors, and mentors to up-level our understanding of the current market and expand our offering to create a robust and expansive business model covering the span of 5-7 years
 - **Won Runner-Up** for Bootcamp's Pitch Night competition, and received further individual mentoring and automatic entry to PitchFEST (October 2023)
- Practera Industry Internship - Growth Strategy and Business Opportunities Accelerator** **Melbourne, VIC**
Participant *June - July 2023*
- Contributed to an industry based, real-world and real-time consulting project which included researching and proposing recommendations for Peel Chamber of Commerce and Industry in Western Australia to restructure their membership

tiers and adjust their events, planning, workshops, and offerings in order to reach their goal of increasing the Chamber's revenue by \$50k in the next year

Australian Academy of Science Reboot STEMM Think Tank

Adelaide, South Australia

ECR Participant

May 2021 - June 2021

- Contributed to the conversation which reimagined the STEMM sector as full of careers rewarded based on inclusive, fair, and productive outcomes through helping set the agenda for the meeting as well as contributing to the interactive conversation event

Flinders Archaeology Lab Student Mentor

Adelaide, South Australia

Mentor

May 2021 - present

- Mentored and supervised Flinders archaeology undergraduate students undertaking voluntary hands-on lab experience and walking them through the sample preparation and analysis processes used in my PhD research

Project Compass Board Member

Adelaide, South Australia

Student Representative

February 2021 - August 2021

- Sat on the executive board for Flinders University's Project Compass, a student facing system within the university, to guide and serve as a student voice for the program and what it means to/how it interacts with all of the students at Flinders University

Flinders University Horizon Award

Adelaide, South Australia

Platinum Award Recipient

January 2021

- Participated in professional development activities, workshops, and events to acquire enough knowledge and advancement in my professional development skills to be awarded the Gold Award from the Flinders University Horizon Award
- Actively took part in workshops and events ranging from design thinking, improving knowledge on continuous improvement, collaboration and teamwork, conflict resolution and negotiation, Leadership Summits and many more

Leadership Specialization Recipient

January 2021

- Participated in professional development activities specifically designed to advance and enhance my leadership capabilities and expertise in both academic and non-academic contexts

Student Partner Consultant

August 2020 - August 2021

- Guided new students in their professional development journey by participating in workshops as a peer facilitator with the aim to help other students understand how to utilize the Horizon Award's workshops, online programs, and events for the benefit of their own professional development, as well as participated in group discussions, video events, and surveys to share ideas, thoughts, feedback, experiences, and advice to help shape the direction of new projects within the Careers and Horizon teams

NVI Venture Dorm Pre-Accelerator Program Participant

Adelaide, South Australia

Founder and CEO, and Creator - Not So Special Balloons

October 2020 - November 2020

- Successfully participated in Flinders New Venture Institute's Venture Dorm Pre-Accelerator Program for entrepreneurs who wish to learn how to create and start their business, endeavor to build up my venture - Not So Special Balloons, a unique foil balloon empire focused on injecting fun and surprise back into the party balloon industry
- Recipient of the City of Marion's Youth Engagement Scholarship for a fully funded place in the Venture Dorm program

Archaeology and History Society (ArchSoch) Committee Member

Adelaide, South Australia

Committee Member

November 2020 - present

- Served on the committee for ArchSoch and helped increased communication, engagement, and learning among our members through aiding in creating and holding society events, educational workshops, field work engagements, professional certifications events, and maintaining advertising avenues to teach the wider community about our work as archaeologists and historians
- Worked with the other members of the committee to create, plan, and hold events, workshops, and professional training opportunities for Flinders ArchSoch members and the wider archaeological and historical communities

DigiVol Transcriber

Adelaide, South Australia

Digital Volunteer

June 2020 - present

- Transcribed scientific accession cards and original journal notes to a digital platform for researchers across disciplines, including ANU School of Earth Sciences and the Bureau of Mineral Resources, to be accessed and referenced by researchers located anywhere in the world for their cutting-edge research

Flinders Student View Group

Adelaide, South Australia

Member Volunteer

May 2020 - present

- Volunteer with the Flinders Student View Group (SVG) to provide student-viewpoint input into projects, programs, and events being developed or updated by the university; engaged with members of the members of the Student Experience and Digital Student and Teaching Services teams to inform and guide the development and transformation of student experience at Flinders, especially during the period of rapid change and deployment associated with COVID-19

Empire Times Magazine

Adelaide, South Australia

Sub-editor and Author

March 2020 - present

- Participated in the student magazine at Flinders University as a sub-editor to edit and enhance pieces accepted for publication to make sure they aligned with the magazine's standards and overall voice, as well as submitting my own original works for publication

Girton College

University of Cambridge

Girton 150 Festival (volunteer)

June 2019

- Aid in setting up and running Girton's 150th Anniversary festival celebrations through aiding in set up, registration, wristbanding, guest relations, maintenance of grounds, running materials, and filling other necessary positions as needed

Department of Archaeology*Scientific Consultant (Cambridge Science Festival)***University of Cambridge***March 2019*

- Participated in enacting a community science festival day project to involve children and parents in thinking about how materials are processed and transported in Jomon era Japan, as well as increasing our understanding of the cognition of breakage patterns and how individuals interact with materials

Global Ambassadors*Vice President***University Park, PA***May 2017 - August 2018*

- Serve to create and enact events for the club as well as other Penn State Students, oversee and participate in the discussion boards and tabling events for Study Abroad, encourage and engage in intercultural connections across campus, and work to extend the Global Ambassadors program to the twenty-four Penn State Campuses

*Public Relations Chair**May 2016 - August 2018*

- Coordinate and execute outreach to the general student body for the Global Programs Office; Help conduct bi-monthly Study Abroad 101 presentations and tabling events for the Global Ambassadors and Global Programs Office

College of Earth and Mineral Sciences**University Park, PA***EMS Student Ambassador**October 2016 - August 2018*

- Participate in outreach events for potential students and contribute to the Social Media campaigns for the College

*TOTEMS Mentor**August 2017*

- Volunteered as a mentor to incoming Earth and Mineral Sciences Freshmen during the College of Earth and Mineral Sciences Orientation

*EMEX Mentor**May 2017 - May 2018*

- Volunteered as a mentor to potential College of Earth and Mineral Sciences students during the EMEX; led tours of the campus and facilities; hosted students; and spoke to those attending about my study abroad, leadership, research, and mentorship experiences

*Teaching Intern**Aug 2016 - 2018*

- Acted in a Teaching Intern's role for over 75 students in two introductory Geosciences courses; served as a facilitator, grader, and student aid

*Undergraduate Mentoring Program Mentee**August 2017 - May 2018*

- Participated as a mentee through the Undergraduate Mentoring Program the College of EMS to learn about career paths, professional fields, and educational options from successful alumni within my fields of interest; in order to prepare for a professional career, learn how to become an active EMS alumni, supplement leadership development, and increase knowledge of mentorship techniques for use with other students

Leadership JumpStart**University Park, PA***World Culture Festival Group Member**Aug 2014 - Dec 2014*

- Participated in creating and enacting a globally themed culture festival available to the wider State College community to promote cultural interaction and understanding and to take advantage of Penn State's rich cultural community

Schreyer Honors College**University Park, PA***Study Abroad Student Consultant**August 2016 - 2018*

- Participated in outreach events for potential study abroad students, serve as a panelist at Alumni Advisory board discussions surrounding how the College could better support Study Abroad endeavors, contribute to Social Media and Potential Student Campaigns for the College

*SHO TIME Mentor**August 2016*

- Volunteered as a mentor to incoming Schreyer Honors College Freshmen during the Schreyer Honors College Orientation and into the following semester

*Distinguished Alumni Mentor Program Mentee**August 2017 - 2018*

- Participated as a mentee within the Distinguished Alumni Mentor Program through the Schreyer Honors College to learn from the career and personal accomplishments and goals of Distinguished Alums from the University

College of the Liberal Arts**University Park, PA***Paterno Fellow**August 2014 - 2018*

- Participant in this Honors Program which includes additional advanced academic coursework, thesis, study abroad and/or internship, ethics study, and leadership/service commitment

*Alumni Mentor Program Mentee**August 2017 - 2018*

- Participated as a mentee within the Alumni Mentor Program through the College of Liberal Arts to engage with the successes and advice of prominent Penn State alumni, where I was successfully paired with a mentor from the Smithsonian's Anthropology department within the National Museum of Natural History

STUDY ABROAD**Athens Program: Classics and Ancient Mediterranean Studies****Athens, Greece***Student**Jan 2015-May 2015 (Semester Program)*

- Participated in trips and lectures held by top tier members of their respective fields within the study of Greek history and culture, while interacting with the specific materials, sites, and cultures about which we were learning
- Gained a rudimentary understanding of the modern Greek language

Guanajuato, Mexico: Biology Department**Guanajuato, Mexico***Student**March 2014*

- Participated in trips surrounding the severity of water resource issues within the Mexican state of Guanajuato as well as what farmers and industry managers are doing to reduce the severity of the effects regarding limited water availability
- Spoke to members of the Guanajuato Legislature during a meeting concerning the use of water resources within the state

- Worked with students from the University of Guanajuato's Life Sciences Division to create and present displays concerning the role and necessity of key agriculture products, and how they are affected by water shortages

An Irish Odyssey: Horticulture Department

Dublin, Ireland

Student

May 2017

- Participated in lectures concerning the history and culture of Ireland and created projects displaying what we learned and personal connections to the country, as well as participated in the embedded trip to Ireland in May of 2017

Comparative Study of the Ancient Mediterranean: Classics and Ancient Mediterranean Studies

Greece

Student

March 2018

- Participated in lectures and trips associated with many of the major sites throughout Greece with historical and cultural importance from ancient to modern times while also interacting with materials, sites, and people with which we visited

Tel Akko Total Archaeology Project

Tel Akko, Israel

Research Member and Assistant to Square and Area Supervisors

Summers 2012 and 2016

Geosciences: Geological Observatory at Coldigioco, Italy

Coldigioco, Italy

Expedition Member

Summer 2016

WORK EXPERIENCE

Apex Manufacturing

Doylestown, PA

Project Management

Jan 2011-Jan 2020

- Work clerical jobs, aid in the review of drawings and plans, utilize shop machinery, and work as an assistant project manager in order to organize workload and oversee portions of shop production and on-site installation
- Machine parts to be used in shop and on-site
- Aid in the installation of materials ranging from support beams, to warehouse decking, to railings and stairs
- Collaborated with native artists to create and install supports for totem poles to be erected locally
- Create and present materials for advertisement and communication of our work and knowledge to others, such as Delaware Valley University's Materials for Landscape Architecture courses

Casual Academic - Flinders University Heritage Survey

Adelaide, South Australia

Research Assistant

December 2020

- Digitized and classified database data entry regarding the impacts of COVID-19 on the worldwide museum's sector

Flinders University Teaching Archaeological Field Methods

Adelaide, South Australia

Tutor (Teaching Assistant)

April 2021

- Liaised with Flinders Archaeology professors to help run and teach critical field methods to undergraduate and postgraduate students on-site through practical hands-on exercises and rotations; over the course of a few days; taught rotations of students important field methods such as baseline offset survey and archaeological recording, and scale drawing while providing supervision and practice in the field

Flinders University STEM Ambassador

Adelaide, South Australia

STEM Ambassador (Casual Appointment)

March 2021 - present

- Worked with the Flinders University STEM outreach team to develop and hold STEM based workshops for local primary and secondary students for the purposes of engaging young students in scientific thought processes while also garnering their interest in scientific pursuits and making them aware of the potential avenues for study and careers in STEM that they could follow in the future

Student Experience Team Compass Launch

Adelaide, South Australia

Student Ambassador (Casual Appointment)

May 2021

- Worked with the Flinders Student Experience team to help increase knowledge and use of the new student website (Compass) to students at the Flinders Bedford Park campus

Flinders University IDS MFA

Adelaide, South Australia

Casual Appointment

July - September 2021

- Aided Flinders University's IDS in rolling out and actioning their new multi-factor identification program to all students and staff, with up to 6,000 conversions per day

Flinders University, From the Paleolithic to Pompeii: An Exploration of World Archaeology

Adelaide, South Australia

Tutor (Teaching Assistant)

July - November 2021

- Drew upon my own undergraduate degrees and excavation experience to run and teach tutorials and labs to undergraduates for Flinders's ARCH1002 topic: From the Paleolithic to Pompeii: An Exploration of World Archaeology, as well as marking assignments and aiding during lectures

La Trobe University, Archaeology of Ancient Civilizations

Melbourne, VIC

Tutor (Teaching Assistant)

July 2023 - present

- Drew upon my own undergraduate degrees and excavation experience to run and teach tutorials and labs to undergraduates for La Trobe's ARC1CIV topic: Archaeology of Ancient Civilizations, as well as marking assignments and aiding during lectures

- Created and ran six, weekly hour long tutorials (four in-person, two via Zoom) for twelve weeks for 150 students

La Trobe University, Student Support Tutor Program

Melbourne, VIC

Student Support Tutor (Teaching Assistant)

July 2023 - present

- Provided additional academic, wellbeing, and logistical support to 150 students within the ARC1CIV topic in order to advance their understanding of the course materials and increase student engagement and success within the topic

PEER REVIEWED PUBLICATIONS

- Nagle, N., Developing Techniques to Provenance Jaspers from Central Pennsylvania (in Preparation)
- Nagle, N et al., The Role of Algal Blooms in Mesolithic-Neolithic Transition Diets: A Call to Action (in Preparation)

- Nagle, N., First Link in the Chain: How raw material procurement factors into the chaîne opératoire (in Preparation)
- French and Nagle, Aldborough 2018: Geoarchaeological analyses of section profile 17 (2019)
- Nagle and French, Micromorphological analysis of sample column 17 from the 2018 excavations at Roman Aldborough (2020)

OTHER PUBLICATIONS

- Nagle, N., 2021. Science and Fiction: Two halves of one whole. *Empire Times*. Online.
- Nagle, N., 2020. Far from Home: An International Student's Perspective on Studying During COVID-19. *Empire Times*. Volume 47, Issue 6.
- Nagle, N., 2020. Conversations from Before: Marie Antoinette and the Great Bakery Kerfuffle. *Empire Times*. Volume 47, Issue 4.
- Nagle, N., 2019. The Duck's King. *Footnotes Literary Journal*.
- Nagle, N., 2019. Traveler. *BAIT Literary Journal*.
- Nagle, N., 2019. The Family's New Favorite Salad Bowl. *Ad Hoc Fiction* (eBook).
- Nagle, N., 2019. The Duck's King. Short Story. [ONLINE] Available at: <https://www.christopherfielden.com/writing-challenges/81words-stories-501-to-600.php>
- Nagle, N., 2018. Liquid Stranger. *Kalliope Literary Journal*.
- Klio. 2017. *Environments - Natasha Nagle*. [ONLINE] Available at: <https://klio.psu.edu/2017/12/08/environments-natasha-nagle/>.

SKILLS

- Intermediate skill in Windows OS, Microsoft Office, Apple Suite, web creation and maintenance, Photoshop, Illustrator, JADE, iMovie, Final Cut x, Final Cut Pro, Garageband
- Familiarity with MATLAB, Filemaker, R, STELLA, ArcGIS, QGIS, remote sensing, AZTEC analysis software, Adobe Premiere
- Capable of successfully conducting field study, categorization, and research (geological, historical, or archaeological in nature)
- Capable of conducting geologic surveys, geologic mapping, creating sedimentary columns, utilizing remote sensing data, and using stereonet, as well as discerning appropriate historical geologic events through these procedures
- Trained in the use of the Scanning Electron Microscope, Energy Dispersive Spectroscopy, X-ray diffraction analysis, portable X-ray fluorescence, Reflectance Transformation Imaging, light optical microscopy, digital microscopy, collecting block and disaggregated samples in the field, micromorphology, and the creation of petrographic and soil thin sections
- Participated in workshops relating to filmmaking practices, and conveying knowledge through film, through which advertisement clips were created for a local companies
- Participated in training and workshoping events concerning copyright and creative commons licensing, managing online presences, archival photography, effective management of information, and reproducibility in action through the University of Cambridge and its libraries
- Learning French and modern Greek, some familiarity with ancient Greek
- Interested in science communication and interesting the public in research and advancements being conducted; both in regard to my projects as well as in a variety of fields
- Knowledge of business skills and practices and practice in putting them into effect in educational and communicative settings
- Experience with Wordpress, Weebly, and Wix and creating effective and engaging websites from the ground-up

HONORS

- Recipient of a Fully Funded PhD Position through Dr. Phillip Edwards's ARC Fellowship 'Earliest Village People's' project
- Runner-Up for La Trobe University's 2023 Entrepreneurship Bootcamp Pitch Night - GreenGuard™
- 2021 SA Innovation Awards Finalist - ReadSTEM™
- Invited to the 2021 South Australian State Dinner for Innovation and Entrepreneurship by MP Premier Steven Marshall
- 2020 International Student Awards: Academic Excellence Postgraduate (Research) Winner (StudyAdelaide)
- Fully Funded PhD position at Flinders University researching the geoarchaeology of hominin dispersal through SE Asia on their way into Australia
- Recipient of the Youth Engagement Scholarship for NVI's Venture Dorm Pre-Accelerator program (City of Marion, Flinders New Venture Institute)
- Recipient of Writer's HQ Annual Bursary (2021)
- Isbel Fletcher Garden Fund Scholarship Award Recipient (University of Cambridge, Department of Archaeology)
- Graduate Research Scholarship (University of Cambridge, Girton College - Offered)
- Ruth Whaley Scholarship (University of Cambridge, Girton College - Offered)
- Stribling Award (University of Cambridge, Girton College - Offered)
- College of Humanities, Arts, and Social Sciences DOCFEST2020 Best HDR Student Poster Presentation Award Recipient (Flinders University)
- Platinum Horizon Award for Professional Development (Flinders University)
- Horizon Award Leadership Specialization Recipient (Flinders University)
- FUSA Development Grant Recipient (Flinders University)
- Laura Bassi Scholarship Finalist
- Student Marshal (Valedictorian) - College of Earth and Mineral Sciences (Summer 2018)

- Archaeological Institute of America Matson Fellow - 2016/2017, 2017/2018
- EMSAGE Laureate (Pennsylvania State University, College of Earth and Mineral Sciences)
- Robert E. Dengler Scholar (Pennsylvania State University, Department of Classics and Ancient Mediterranean Studies)
- Hatch Archaeological Fund Scholarship Recipient (Pennsylvania State University, Department of Anthropology)
- Association for Women Geoscientists Scholarship Award Recipient
- Deans List - all semesters of undergraduate career (Pennsylvania State University)
- Schreyer Honors College Scholar (Pennsylvania State University)
- Melissa Marshall Honors Scholarship Recipient
- Van Dyke Memorial Scholarship Recipient
- Class of 1922 Memorial Scholarship Recipient
- George J. Coleman Scholarship Recipient
- Honess Memorial Award Recipient
- Landon Endowment Hydrogeology Scholarship Recipient (Pennsylvania State University, College of Earth and Mineral Sciences)
- Strickler Honors Scholarship Recipient (Pennsylvania State University, College of Earth and Mineral Sciences)
- Baker-Hughes Scholarship Recipient
- Matthew J. Wilson Honors Scholarship Recipient (Pennsylvania State University, College of Earth and Mineral Sciences)
- Special Mention in the 2019 To Hull and Back Literary Competition