Zachary Francis-Hapner
Curriculum Vitae
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EDUCATION

2017 – Present	Doctoral Student, Department of Anthropology (Archaeology), Michigan State University, East Lansing, MI
2015	Bachelor of Science (B.S.), Anthropology, Grand Valley State University, Allendale, MI

RESEARCH INTERESTS

- Paleoethnobotany, Environmental Archaeology, Paleoecology
  - Phytoliths, Dental Calculus, Sedimentology, Residue Analysis
- Archaeology of the American Midwest
  - Mississippian Archaeology, Oneota Archaeology, Great Lakes Archaeology
- Digital Heritage
  - Digital Curation, Project Management, Data Visualization, Accessibility

FIELD EXPERIENCE

2018 *summer* 2016 *winter* 2016 *summer* 2015 *summer*	**Verteba Cave Excavation.** Excavated, catalogued and analyzed artifacts, ecofacts and human remains from a Trypillia-Cucuteni cave site located in Western Ukraine. Multiple field seasons spent hauling buckets of dirt and developing relationships with local archaeologists.
2014 *summer*	**Grand Valley State University Field School**. Gained initial experience by practicing local archaeology and cultural resource management.

RELATED WORK EXPERIENCE

2020 *Fall – Present*	**LEADR.** Graduate assistant for the Lab for the Education and Advancement of Digital Research (LEADR). Created asynchronous learning materials for digital tools, provided guest lectures, and assisted students in the development of their digital research projects.
2019 *Nov. – April 2020*	**Kora Technical Documentation.** Wrote technical documentation as part of a team for the content management system, Kora. https://chi-initiative.github.io/kora-documentation/about/
2019 *Fall – Spring 2020*	**LEADR.** Assisted in teaching the digital humanities to students through digital research projects. Also helped with day to day operations of a lab.
2018 *Fall – Spring 2019*	**Museum Research Assistant.** Help to assist in the digitation and curation of collections curated by MSU anthropology department.
2018 *Summer*	**MSU Campus Archaeology.** Performed cultural resource management to help mitigate and protect archaeological resources on MSU's campus.
2017 *Fall – Spring 2018*	**Kooskia Internment Camp.** Cataloged and organized historical artifacts excavated from a Japanese internment camp under Dr. Stacey Camp.
2017 S*ummer*	**Isabella County, MI Cultural Resource Management.** Worked under a temporary contract with Winsay, Inc. to conduct phase I research.

GRANTS AND FELLOWSHIPS

- **Cultural Heritage Informatics Fellowship Program** (2020) ($4500) Created an online database capable of housing digital resources and metadata. https://chi.franc230.msu.domains/

- **Cultural Heritage Informatics Fellowship Program** (2019) ($4500) Developed a metadata scheme for digitally cataloging collections curated by the MSU anthropology department.
- **Research Scholars Award from the College of Social Science** (2018) ($1160)
- **Alumni and Friends Expendable Fund for Archaeology** (2018) ($1000) Awarded to archaeology students who have demonstrated the capacity to achieve educational and professional goals, the motivation to achieve these goals and the initiative to seek opportunities to further their progress.
- **Michigan State University Enrichment Fellowship** (2017-2022) (Five-year tuition waiver and yearly stipend) Awarded to recipients for academic achievement, research goals, contributions to a diverse education community and a record of overcoming obstacles.

PROFESSIONAL ASSOCIATIONS

- Society for American Archaeology
- Midwest Archaeology Conference Member
- American Anthropological Association
- American Association of Physical Anthropologists

ORGANIZATIONS

- SACNAS - Society for Advancement of Chicanos/Hispanics and Native American Scientists
- MSU Indigenous Graduate Student Collective
- Lambda Alpha National Honors Society

RELEVANT PROFESSIONAL SKILLS

- Experienced in cataloguing various types of artifacts from various contexts
- Knowledgeable of bioarchaeological and osteological analysis
- Basic lithic, ceramic, and faunal analysis skills
- Proficient in identification of paleoethnobotanical remains (phytoliths)
- Familiar with lab protocols and equipment (light microscopy, centrifuging, sanitation, etc.)
  - Experienced operating a scanning electron microscope (SEM)
- Certified in Chemical Hygiene, Laboratory Safety and Hazardous Waste Removal

RELEVANT DIGITAL SKILLS

- Experienced in developing digital projects using the following computer languages:
  - HTML, CSS, PHP, and JavaScript
- Adept in statistical computing and data visualization.
  - Advanced Skills in R
  - Amateur level knowledge of SPSS and Python
- Proficient in multiple content management systems:
  - Kora, Omeka, WordPress
- Practiced in a variety of project management tools:
  - GitHub, Basecamp, Slack
- Intermediate knowledge of the following mapping Software
  - Mapbox, Neatline, ArcGIS
- Proficient in PC/Microsoft software (MS Office, Adobe)