

# SEAN P. FIELD

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Department of Anthropology  
University of Notre Dame  
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## CURRENT POSITION

Doctoral Student, Department of Anthropology, University of Notre Dame

## EDUCATION

2017 University of Nebraska-Lincoln,  
Master of Arts, Department of Anthropology  
Thesis: *Remote Sensing and Pathway Modelling: Investigating the Prehispanic Chacoan Landscape*  
Committee: Carrie Heitman (chair), Heather Richards-Rissetto, Phil Geib

2015 University of Northern Colorado,  
Bachelor of Arts, Department of Anthropology  
Interdisciplinary Major, Minor in History, Presidential Leadership Program Honors,  
Cum Laude

## GEOGRAPHICAL SPECIALIZATIONS

Archaeology of North America and the American Southwest (Chaco Canyon and Mesa Verde)

## PEER REVIEWED ARTICLES

2017 Sean Field, Matthew Waite, and LuAnn Wandsnider. "The Utility of UAVs for Archaeological Surface Survey: A Comparative Study". *The Journal of Archaeological Science: Reports* 13:577-582.

## OTHER PUBLICATIONS & REPORTS

2017 Carrie C. Heitman and Sean Field. "Geospatial Data, Remote Sensing, and Understanding Chacoan Roads Data" *Recent Efforts to Research, Preserve, and Protect the Greater Chaco Landscape* – Paul F. Reed Editor. Archaeology Southwest.

2015 Sean Field. "'Dietary Change Following Social Transition at Karystos, Greece," *Ursidae: The Undergraduate Research Journal at the University of Northern Colorado*: Vol. 5: No. 1, Article 7.

## PUBLICATIONS IN PROGRESS

Carrie C. Heitman and Sean Field. "The Impact of Digital Data Ecosystems on Our Understanding of the Greater Chacoan Cultural Landscape: Assessing Geospatial Information, Remote Sensing, and Aggregating Roads Data." Under review as a chapter in *Chaco Landscapes* edited by Ruth Van Dyke and Carrie Heitman.

**Sean Field**, Carrie Heitman, and Heather Richards-Rissetto “Moving Timbers: Correlative Least Cost Analysis of the Chaco Regional Road System”. Being prepared for *The Journal of Computer Applications in Archaeology*.

**Sean Field** and Timothy DeSmet. “Paths from Above: A Guide to Remote Sensing of Prehispanic Roadways in the Chacoan Context”. Being prepared for *The Journal of Archaeological Science*.

**Sean Field** and Lee Gettler. “New Perspectives on Total Energy Expenditure and its Impact on Least Cost Analysis” Being prepared for the *Proceedings of the National Academy of Sciences*.

## RESEARCH AND FIELD EXPERIENCE

- 2017 Mesa Verde - Village Reassessment Project, Archaeological Field Technician. University of Notre Dame.  
*Cortez, Colorado*
- 2016 University of Nebraska-Lincoln Field School, Archaeological Teaching Assistant  
*Sutherland, Nebraska*
- 2016 APIS 2016 Fieldwork, Archaeological Field Technician, National Park Service  
*Apostle Islands National Park, Wisconsin*
- 2016 PERI 2016 Fieldwork, Artifact Curation and Analysis, National Park Service  
*Midwest Archaeological Center, Lincoln, Nebraska*
- 2015 Fossil Creek Wetlands Site, Archaeological Field Technician, University of Northern Colorado  
*Fort Collins, Colorado*
- 2014 Greek Diaspora Project, Bio-archaeological Field Technician. University of Northern Colorado  
*Karystos, Greece*
- 2014 Flood Archaeological Survey, Archaeological Field Technician. University of Northern Colorado  
*St. Vrain State Park, Colorado*

## INVITED TALKS

- 2017 Carrie Heitman and **Sean Field**. “Geospatial Data, Remote Sensing, and Aggregating Roads Data” *Chaco Landscape Conference*. Cortez, Colorado

## PROFESSIONAL CONFERENCE PRESENTATIONS

- 2017 **Sean Field**. “Ancient Actions and Modern Methods: Regional Connectivity in Chaco Canyon. Paper Presentation, *Nebraska Academy of Sciences 137<sup>th</sup> Annual Meeting*, Lincoln, Nebraska

- 2017 **Sean Field**. “Least Cost Path Modeling: Computing Functional Correlations in Chacoan Road Systems.” Paper Presentation, *Computer Applications, and Quantitative Methods in Archaeology*. Atlanta, Georgia
- 2017 **Sean Field**, Carrie Heitman. “Large Scale Aerial Photogrammetry: A comparative case study of changes in the archaeological landscape surrounding Pueblo Pintado, New Mexico”. Poster presentation, *The Society of American Archaeology 82<sup>nd</sup> Annual Meeting* in Vancouver, Canada
- 2017 **Sean Field**, LuAnn Wandsnider, and Matt Waite. “The Utility of UAV’s for Archaeological Surface Survey: A Comparative Study.” Paper Presentation. *Central States Anthropological Society 96<sup>th</sup> Anniversary Meeting* in Lincoln, Nebraska
- 2016 Carrie Heitman and **Sean Field**. “Space Archaeology in the American Southwest: A Case Study from the Greater Chaco Canyon Landscape.” Paper presentation, *The Plains Anthropological Conference 74<sup>th</sup> Annual Meeting* in Lincoln, Nebraska
- 2016 **Sean Field**. “Digital Platform as Educational Tools: The Applicability of ArcGIS, 3D modelling, and Social Media for Archeological Outreach.” Paper presentation. *The Plains Anthropological Conference 74<sup>th</sup> Annual Meeting* in Lincoln, Nebraska
- 2016 Megan Wilson, **Sean Field**, Abhirup Shome, Matthew Douglass, and LuAnn Wandsnider. “Preliminary Report of the 2016 Sand Hills Pedestrian Survey” Poster Presentation. *The Plains Anthropological Conference 74<sup>th</sup> Annual Meeting* in Lincoln, Nebraska
- 2016 **Sean Field**. “Big Brains: Why One Defining Trait of “Human-ness” Is So Unique.” Paper presentation. *The Nebraska Academy of Sciences 136<sup>th</sup> Annual Meeting* at Nebraska Wesleyan University in Lincoln, Nebraska
- 2015 **Sean Field**. "Dietary Change Following Social Transition at Karystos, Greece." Poster Presentation. *The 2015 UNCO Undergraduate Research Symposium* at the University of Northern Colorado, CO.
- 2015 **Sean Field**, Britney McIlvaine (now Kyle). “Dietary Change Following Social Transition at Karystos, Greece.” Poster presentation, *American Association of Physical Anthropologists 84<sup>th</sup> Annual Meeting*, St. Louis, Missouri.
- 2014 Presidential Leadership 2011 Cohort. “Capstone Presentation- H.O.P.E. Engagement Camp.” Paper Presentation, University of Northern Colorado, CO.
- 2014 **Sean Field**, Christine Schaeffer, Britney McIlvaine (now Kyle). “Student Participation in Forensic Anthropology”. Poster Presentation. *Engaged Scholarship Symposium*. University of Northern Colorado, CO.

## GRANTS, FELLOWSHIPS, and AWARDS

- 2017 Univ. Presidential Fellowship in Humanities and Social Sciences  
University of Notre Dame, *Notre Dame, Indiana* \$74,950
- 2016-2017 Ward Weakley Memorial Fund Grant  
University of Nebraska-Lincoln, *Lincoln, Nebraska* \$2,672
- 2016 Hubbard Fellowship

- University of Nebraska-Lincoln, *Lincoln, Nebraska* \$2,000
- 2015-2016 Edgren Graduate Tuition Fellowship  
University of Nebraska-Lincoln, *Lincoln, Nebraska* \$13,000 (total)
- 2015 Undergraduate Research Excellence Awardee  
University of Northern Colorado, *Greeley, Colorado*
- 2015 Student Senate Conference Travel Grant  
University of Northern Colorado, *Greeley, Colorado* \$125
- 2014 Anthropology Honors Convocation Awardee  
University of Northern Colorado, *Greely, Colorado*
- 2014 Undergraduate Research Support Grant  
University of Northern Colorado, *Greeley, Colorado* \$1,000
- 2012-2013 Anthropology Distinguished Student Grant  
University of Northern Colorado, *Greeley, Colorado* \$2,000 (total)
- 2011-2014 Presidential Leadership Program Grant  
University of Northern Colorado, *Greeley, Colorado* \$2,000 (total)

## TEACHING APPOINTMENTS

- 2015-2017 Graduate Teaching Assistant, Biological Anthropology Lab Instructor  
University of Nebraska-Lincoln, *Nebraska, Lincoln*
- 2016 Education and Outreach Intern  
Midwest Archeological Center, NPS, *Lincoln, Nebraska*
- 2016 Archaeological Field School Teaching Assistant,  
University of Nebraska-Lincoln, *Sutherland, Nebraska*
- 2015 Frontiers of Science Institute Research Mentor  
University of Northern Colorado, *Greeley, Colorado*

## COURSES TAUGHT

*University of Nebraska-Lincoln* 2015-2017

ANTH 242 Lab: Biological Anthropology - Instructor – 8 sessions

UNL Archaeological Field school: Sand Hills Archaeology – GTA – 1 session

## ADDITIONAL PROFESSIONAL CONTRIBUTIONS

2016 Data Contributor, *Chaco Canyon Cross-Cutting*. NASA DEVELOP Project

2016 Project Lead, *Knife River Indian Village StoryMap*. Midwest Archaeological Center NCEP Project

<https://nps.maps.arcgis.com/apps/MapSeries/index.html?appid=d624741efb7c48fe8875dbef8b7842a5>

- 2016 Project Lead, *Missouri River Basin Project StoryMap*. Midwest Archaeological Center NCPE Project  
<https://nps.maps.arcgis.com/apps/MapSeries/index.html?appid=c076816df00b4e97a186dbbdaa8a6fa8>
- 2016 Project Lead, *MWAC 2016 Fieldwork Annual Report StoryMap*. Midwest Archaeological Center NCPE Project  
<https://nps.maps.arcgis.com/apps/Cascade/index.html?appid=73ebf775e0024fa4a5c3f0ca22ec2d80>

## PROFESSIONAL ASSOCIATIONS

- 2016-2018 SAA Member  
2016 AAA Member  
2016 NCPE Intern Program  
2011-2015 Presidential Leadership Program  
2011-2015 National Society of Collegiate Scholars