

**ANDREW C. SEIDEL**

School of Human Evolution and Social Change  
Arizona State University | Tempe, AZ 85287-2402  
Phone: 216.308.2529 | [acseidel@asu.edu](mailto:acseidel@asu.edu)

**EDUCATION**

- 2019 Ph.D.; Arizona State University, Anthropology  
2010 M.A.; Arizona State University, Anthropology  
2005 B.A.; Oberlin College, Anthropology (with honors)

**PROFESSIONAL POSITIONS**

- 2019- Postdoctoral Research Associate, School of Human Evolution and Social Change,  
Arizona State University  
*Exploring the bioarchaeological relevance of population-specific patterns of heritability  
and integration in the human dentition*, NSF Grant BCS-1750089
- 2019- Interim Forensic Anthropologist, Maricopa County Office of the Medical Examiner

**PEER-REVIEWED JOURNAL ARTICLES (4 TOTAL)**

4. 2019 Christopher M. Stojanowski, Kathleen S. Paul, **Andrew C. Seidel**, William N. Duncan, and Debbie Guatelli-Steinberg. Quantitative Genetic Analyses of Postcanine Morphological Crown Variants. *American Journal of Physical Anthropology* 168: 606-631.  
<https://doi.org/10.1002/ajpa.23778>
3. 2018 Christopher M. Stojanowski, Kathleen S. Paul, **Andrew C. Seidel**, William N. Duncan, and Debbie Guatelli-Steinberg. Heritability and genetic integration of anterior tooth crown variants in the South Carolina Gullah. *American Journal of Physical Anthropology* 167: 124-143.  
<https://doi.org/10.1002/ajpa.23612>
2. 2017 Christopher M. Stojanowski, Kathleen S. Paul, **Andrew C. Seidel**, William N. Duncan, and Debbie Guatelli-Steinberg. Heritability and genetic integration of tooth size in the South Carolina Gullah. *American Journal of Physical Anthropology* 164:505-521.  
<https://doi.org/10.1002/ajpa.23290>

1. 2016 Christopher M. Stojanowski, **Andrew C. Seidel**, Laura C. Fulginiti, Kent M. Johnson, and Jane E. Buikstra. Contesting the Massacre at Nataruk. *Nature* 539(7630): E8-E10.

#### PEER-REVIEWED BOOK CHAPTERS (4 TOTAL)

4. 2019 Laura C. Fulginiti, **Andrew C. Seidel**, and Katelyn Bolhofner. "To understand the parts, it is necessary to understand the whole": The Importance of Contextualizing Patterns in Forensic Anthropology Casework. In *Case Studies in Forensic Anthropology: Bonified Skeletons*, edited by Heather Garvin and Natalie Langley. CRC/Routledge. Pages 269-277.
3. 2019 Katelyn Bolhofner and **Andrew C. Seidel**. Expertise and the Expert Witness: Contemporary Educational Foundations of Forensic Anthropology. In *Forensic Anthropology and the United States Judicial System*, edited by Laura C. Fulginiti, Alison Galloway, and Kristen Hartnett-McCann. John Wiley & Sons, Ltd. Pages 53-68.
2. 2017 Kristen Hartnett-McCann, Laura C. Fulginiti, and **Andrew C. Seidel**. Adult Age-at-Death Estimation in Unknown Decedents: New Perspectives on an Old Problem. In *New Perspectives in Forensic Human Skeletal Identification*, edited by Krista Latham, Eric Bartelink, and Michael Finnegan. Elsevier/Academic Press. Pages 65-86.
1. 2014 **Andrew C. Seidel** and Laura C. Fulginiti. The First Cut is the Deepest: Looking for Patterns in Cases of Human Dismemberment. In *Bioarchaeological and Forensic Perspectives on Violence: How Violent Death is Interpreted from Skeletal Remains*, edited by Debra L. Martin and Cheryl P. Anderson. Cambridge University Press, Cambridge. Pages 63-82.

#### MANUSCRIPTS IN PRESS, REVIEW, OR PREPARATION (3 TOTAL)

- In preparation **Andrew C. Seidel**. A New Suite of Radiocarbon Dates for Adena Ceremonialism in Kentucky. Manuscript in preparation for submission to *American Antiquity*.
- In preparation **Andrew C. Seidel**. Temporal Changes in Adena Mortuary Ceremonialism in the Middle Ohio Valley. Manuscript in preparation for submission to *American Antiquity*.
- In preparation **Andrew C. Seidel**. Relative Phenotypic Variability among Kentucky Adena Populations: Implications for Intraregional Interaction and Landscape Use. Manuscript in preparation for submission to the *American Journal of Physical Anthropology*.

## EXTERNAL GRANTS

- ‘15-16 National Science Foundation Doctoral Dissertation Research Improvement Award entitled *Temporary Territories and Persistent Places: Testing the Presumed Association of Monumentality and Territoriality for Foraging Societies*. (1606498, \$27,924; Christopher Carr, **Andrew C. Seidel**, Christopher M. Stojanowski).
- 2015 Forensic Science Foundation Student Travel Grant

## INTERNAL GRANTS AND FELLOWSHIPS

- 2013 School of Human Evolution and Social Change Travel Grant
- ‘08-12 Doctoral Recruiting Fellowship, School of Human Evolution and Social Change, Arizona State University

## INVITED PAPERS AND POSTERS

- 2020 **Andrew C. Seidel**. *Persons and Places: Ontology and Landscape Use among Kentucky Adena Groups*. Paper to be presented in the symposium “Notions and Strategic Uses of Personhood and Souls among Early Woodland, Middle Woodland, and Postcontact Indians of the Eastern Woodlands,” organized by Christopher Carr at the 85<sup>th</sup> Annual Meeting of the Society for American Archaeology, Austin TX.
- 2014 **Andrew C. Seidel**, Kristin L. Nado, and Brenda J. Baker. *Changing Conceptualizations of Kinship among Post-Meroitic and Christian Period Nubians from the 4<sup>th</sup> Cataract Region, Sudan*. Paper presented in the symposium “Bioarchaeological approaches to kinship: bridging biology, social relatedness, and theory,” organized by Kent M. Johnson and Kathleen S. Paul at the 79<sup>th</sup> Annual Meeting of the Society for American Archaeology, Austin, TX.
- 2013 **Andrew C. Seidel** and Brenda J. Baker. *The descent of Christianity: Religious conversion and social change in Medieval Nubia*. Poster presented in the symposium “Advances in the Bioarchaeology of Nubia and Central Sudan,” organized by Brenda Baker and Tina Jakob at the 82<sup>nd</sup> Annual Meeting of the American Association of Physical Anthropologists, Knoxville, TN.

## VOLUNTEERED PAPERS AND POSTERS

- 2019 **Andrew C. Seidel**, Christopher M. Stojanowski, Laura C. Fulginiti, and Kristen Hartnett-McCann. *Topographic Analyses and the Estimation of Age-at-Death from the Pubic Bone*. Poster presented at the 71<sup>st</sup> Annual Scientific Meeting of the American Academy of Forensic Sciences, Baltimore, MD.

- 2018 **Andrew C. Seidel**, Laura C. Fulginiti, and Joel Simcoe. *Radiographic Image Analysis and the Estimation of Age-at-Death in Males*. Poster presented at the 70<sup>th</sup> Annual Scientific Meeting of the American Academy of Forensic Sciences, Seattle, WA.
- 2016 **Andrew C. Seidel** and Laura C. Fulginiti. *An Assessment of Sexual Dimorphism in the Sternal Fourth Rib: A 2D Morphometric Approach*. Poster presented at the 68<sup>th</sup> Annual Scientific Meeting of the American Academy of Forensic Sciences, Las Vegas, NV.
- 2015 **Andrew C. Seidel**, Kristen Hartnett, and Laura C. Fulginiti. *Plaque and Projections: Assessing the Utility of Morphological Variants of the Sternal Fourth Rib for the Estimation of Sex and Age-at-Death*. Poster presented at the 67<sup>th</sup> Annual Scientific Meeting of the American Academy of Forensic Sciences, Orlando, FL.
- 2014 **Andrew C. Seidel** and Laura C. Fulginiti. *Making the Cut: Patterns of Association between Victims, Suspects, and Body Treatment in Postmortem Dismemberment Cases*. Poster presented at the 66<sup>th</sup> Annual Scientific Meeting of the American Academy of Forensic Sciences, Seattle, WA.
- 2013 **Andrew C. Seidel**. *Pipes as People? Abandoning the Subject/Object Divide within Mortuary Analysis*. Paper presented at the 2013 Midwest Archaeological Conference, Columbus, OH.
- 2013 **Andrew C. Seidel**. *An Evaluation of the Hartnett-Fulginiti Method for Age-Estimation on an Independent Skeletal Sample*. Poster presented at the 65<sup>th</sup> Annual Scientific Meeting of the American Academy of Forensic Sciences, Washington D.C.

## TEACHING EXPERIENCE

Forensic Anthropology (Graduate Teaching Associate, 1 semester; co-developed course with Dr. Laura Fulginiti)

Clinical Gross Anatomy (Table Instructor, 5 semesters)

Bones, Stones, and Human Evolution (Graduate Teaching Associate & Lab Instructor, 4 semesters)

Food and Culture (Graduate Teaching Associate, 1 semester)

Introduction to Global Health (Graduate Teaching Associate, 4 semesters)

Origins and Consequences of Agropastoral Economies (Graduate Teaching Associate, 1 semester)

## RESEARCH EXPERIENCE

- 2010- Forensic Anthropology Analyst, Maricopa County Forensic Science Center, Phoenix, Arizona  
-Co-signed approximately 30 case reports, involving the creation of biological profiles and trauma analysis  
-Participated in the analysis of approximately 2,200 forensic anthropology consultations
- 2017 Graduate Research Associate, School of Human Evolution and Social Change, Arizona State University  
*DNA from Burned Bone*, NIH Grant 2016-DN-BX-0158
- 2016 Dental Anthropology Lab Assistant, School of Human Evolution and Social Change, Arizona State University
- 2015 Graduate Research Associate, School of Human Evolution and Social Change, Arizona State University  
*Integrating Developmental Morphogenetic Theory and Dental Biodistance Practices*, NSF Grant BCS-1063942
- 2014 Research Associate, Archaeological Research Institute, Arizona State University
- '09-11 Ethnographic Researcher, School of Human Evolution and Social Change, Arizona State University

## SELECT COMMUNITY OUTREACH

- '15-19 Assistant to Dr. Laura C. Fulginiti and Det. Frank DiModica (retired), *Buried Bodies School*
- 2016 Guest Lecturer, *Forensic Anthropology*, Glendale Community College
- '15-16 Volunteer, *Missing in Arizona Day*, Phoenix, AZ
- 2015 Content Consultant, *Speaking for the Dead*, ASU Museum of Anthropology

## PROFESSIONAL SERVICE

- 2019 Luncheon Seminars Co-Chair, American Academy of Forensic Sciences Program Committee
- 2018- Chair, Forensic Science Foundation Student Affiliate Scholarship Review Committee
- 2017- Member, Forensic Science Foundation Board of Trustees

2017- Member, Forensic Science Foundation, Research Award Committee

**PROFESSIONAL ASSOCIATIONS**

American Academy of Forensic Sciences, Anthropology Section

Midwestern Archaeological Conference

Society for American Archaeology