

Corey Steven Ragsdale, Ph.D.

EDUCATION

- 2015 Ph.D. in Anthropology, University of New Mexico, Albuquerque, New Mexico Dissertation title: Cultural interaction and biological distance among Postclassic Mexican populations. With distinction.
- 2011 M.S. in Anthropology, University of New Mexico, Albuquerque, New Mexico.
- 2009 B.A. Anthropology, Department Honors, Magna Cum Laude, California State University, San Bernardino.

PROFESSIONAL APPOINTMENTS

- 2016- Assistant Professor, Southern Illinois University Edwardsville.
- 2015-2016 Visiting Assistant Professor, University of Montana.
- 2012-2015 Adjunct Faculty, University of St Francis, New Mexico.
- 2014-2015 Instructor, University of New Mexico.
- 2009-2014 Laboratory Research Assistant, Maxwell Museum Laboratory of Human Osteology, University of New Mexico.
- 2009-2012 Graduate Teaching Assistant, University of New Mexico.
- 2008-2009 Laboratory Research assistant, Laboratory of Archaeology, California State University, San Bernardino.

RESEARCH INTERESTS

Bioarchaeology; human osteology; dental anthropology; forensic anthropology; human variation; biological distance; migration; violence; Mesoamerica; American Southwest; Europe.

SCHOLARLY ACHIEVEMENTS

Research Funding

1. Frank Hibben Graduate Fellowship, University of New Mexico. 2009-2011.
2. American Museum of Natural History Collections Research Grant. 2012. \$1,000.
3. Dissertation Field Site Development Grant, University of New Mexico. 2012. \$750.
4. Field Grant, Resource Allocations Committee, University of New Mexico. 2013. \$1,200.
5. Latin American and Iberian Institute Field Research Grant. 2013. \$1,400.
6. Latin American and Iberian Institute Doctoral Fellowship. 2013. \$16,000.
7. Latin American and Iberian Institute Field Research Grant. 2014. \$1,500.
8. Resource and Allocations Grant, University of New Mexico. 2014. \$500.
9. Latin American and Iberian Institute Doctoral Fellowship. 2014. \$16,000.
10. Latin American and Iberian Institute Allocations Grant for Invited Speaker. 2015.
11. Collections Development Grant, University of St. Francis. 2015. \$2,800.
12. Seed Grant for Exploratory and Transitional Projects (STEP), Southern Illinois University Edwardsville. 2017. \$13,876.
13. American Association of Physical Anthropologists Professional Development Grant. 2017. \$5,000.
14. National Science Foundation Grant #1847999. *In revision*. \$159,621.
15. Wenner-Gren Foundation. *In preparation*. \$18,726.
16. Vaughnie Lindsay New Investigator Award. *In preparation*. \$12,360.

Professional Honors

1. Frieda Butler Award, Department of Anthropology, University of New Mexico. 2012.
2. Christy G Turner II Best Paper in Dental Anthropology Award. 2013.
3. Annette and Henry Baich Award, Southern Illinois University Edwardsville. 2017.
4. Coalition for Archaeological Synthesis (CfAS) committee on human migration, selected expert in Anthropology, awarded 2019-2022.

Articles in Refereed Journals

1. Willermet C, Edgar HJH, **Ragsdale CS**, Aubry BS. 2013. Biodistances among Aztec, Maya, Toltec, and Totonac groups of central and coastal Mexico. *Chungara*. Vol. 45. No. 3. 447-459.
2. **Ragsdale CS**, Edgar HJH. 2014. Cultural effects on phenetic distances among Postclassic Mexican and Southwest United States populations. *International Journal of Osteoarchaeology* 26: 53-67.
3. **Ragsdale CS**, Edgar HJH. 2015. Cultural interaction and biological distance in Postclassic Period Mexico. *American Journal of Physical Anthropology* 157: 121-133.
4. Edgar HJH, Willermet C, **Ragsdale CS**, O'Donnel A, and Daneshvari S. 2015. Frequencies of rare incisor variations reflect factors influencing precontact population relationships in Mexico and the American Southwest. *International Journal of Osteoarchaeology*.
5. **Ragsdale CS**, Melgar-Tisoc E, and Edgar HJH. 2016. Origins of the skull offerings of the Templo Mayor, Tenochtitlan. *Current Anthropology* 57: 357-369.
7. Cucina A, Edgar HJH, **Ragsdale CS**. 2016. Oaxaca and its Neighbors in Prehispanic Times: Population Movements from the Perspective of Dental Morphological Traits. *Journal of Archaeological Science* 13: 751-758.
6. **Ragsdale CS**. 2017. Regional Population Structure in Postclassic Mexico. *Ancient Mesoamerica*. Online. doi:10.1017/S0956536117000013.
8. O'Donnel A, **Ragsdale CS**. 2017. Biological distance analysis and the fate of the Gallina in the American Southwest. *Kiva: Journal of Southwestern Anthropology and History* 83 (4): pp 515-531.
9. **Ragsdale CS**, Willermet C, and Edgar HJH. 2019. Detecting population replacement in Colonial Valley of Mexico and Morelos. *International Journal of Osteoarchaeology*.

Refereed Book Chapters

1. **Ragsdale CS**, Melgar E, Martinez Mora E. 2017. Guerreros Huastecos en el Templo Mayor: el caso de las mascararas cráneo. In Cordova Tello G, Martinez Mora E, editors. *Tamtoc: ritualidad y organización social*. Mexico City: Instituto Nacional de Antropología e Historia.
2. **Ragsdale CS**, Tello Cordova G. 2017. Análisis de morfología dental en los restos óseos de Tamtoc y su relación con otras áreas culturales. In Cordova Tello G, Martinez Mora E, editors. *Tamtoc: ritualidad y organización social*. Mexico City: Instituto Nacional de Antropología e Historia.
3. **Ragsdale CS**, Edgar HJH. 2018. Population Continuity and Replacement in the prehistoric Valley of Mexico. In C Willermet and Cucina (editors), *Bioarchaeology of Pre-Columbian Mesoamerica: An Interdisciplinary Approach*. University of Florida Press.

4. **Ragsdale CS**, Noldner LJ, Edgar HJH. 2019. Changes in population structure in the Jemez Region. In A Stodder (editor), *Readings in Southwest Bioarchaeology*. Global Bioarchaeology Series. University of Florida Press.
5. **Ragsdale CS**. *In press 2019*. Population structure of El Palacio based on dental morphological data. In M Forest (editor), *Historiography and new archaeological perspectives on a pre-Tarascan city of Northern Michoacán, Mexico [1891-2018]*. Paris Monographs in American Archaeology. Oxford: British Archaeology International Series.
6. **Ragsdale CS**, Willermet C, and Edgar HJH. *In preparation*. Population Continuity and Mobility Across Mesoamerica. In V Tiesler (editor), *Handbook of Mesoamerican Bioarchaeology*. Routledge Press.

Other Writings

1. **Ragsdale CS**. 2011. Report of Findings for the Isla del Idolo Archaeological Site, Veracruz, Mexico. Universidad Nacional Autonoma de Mexico.
2. Noldner L, **Ragsdale CS**, and Edgar HJH. 2013. Report of Findings for the Repatriation of Human Skeletal Remains to the Pueblo of Jemez. Maxwell Museum of Anthropology, Laboratory of Human Osteology, University of New Mexico.
3. **Ragsdale CS**, Leitgeb S, Cervantes A, Nicholson C, Glennon K, Schroeder M, Conduff J, and Pepprock H. 2016. Report of Findings for the Winnett Cemetery Mortuary Archaeology Fieldschool 2016. Petroleum County Courthouse, Winnett, Montana.
4. **Ragsdale CS**, Leitgeb S, Nihells A. 2018. Report of Findings for Mt. Hope Cemetery field season 2018.

Featured Research

1. “Mystery Of Morbid Aztec Skull Masks Solved By Archaeologists”, *Forbes Magazine*, contributed by Kristina Kilgrove, May 2016.
2. “Mystery of the gruesome Aztec skull masks solved: Decorated remains found outside Mexican temple belong to slain warriors”, *Daily Mail UK*, contributed by Cheyenne Macdonald, May 2016.
3. “The treasured past” (professional panelist), and “How ancient burial practices inspire folklore” (invited speaker), *MisCon Science Fiction Convention*, May 2016.
4. “Latin America’s lost histories revealed in modern DNA”, featured expert, *Science Magazine*, April 12, 2018.
5. “German? Nigerian? Heritage testing not as simple as it seems”, featured expert, *St. Louis Post-Dispatch*, April 11, 2018.

Refereed Abstracts

1. “New evidence of pre-contact occupation from burials at Isla del Idolo, Veracruz, Mexico.” Meetings for the Researchers of the Huasteca: In Honor of Lorenzo Ochoa. Tamasopo, San Luis Potosi, Mexico. 2011.
2. “Isla del Idolo: an endangered archaeological site in Veracruz, Mexico.” Annual Meeting: Society of American Archaeologists, Sacramento, California. 2012.
3. “Exploring the precision of facial recreation using cephalographic images from a contemporary Southwest United States orthodontic collection.” Annual Meeting: American Association of Physical Anthropologists, Minneapolis, Minnesota. 2012.

4. "Relating patterns of economic exchange, cultural ecology, and biological distance among pre-contact Mexican populations." Annual Meeting: American Association of Physical Anthropologists, Knoxville, Tennessee. 2013.
5. "Trade, politics, and migration among populations during Postclassic period in Mexico." Podium. Graduate Research Conference, Cotsen Institute of Archaeology, UCLA, Los Angeles, California. 2014.
6. "Analysis of the skull masks and offerings of the Templo Mayor: and archaeological and biological approach." Annual Meeting: Society of American Archaeologists, Austin, Texas. 2014.
7. "Cultural effects on phenetic distances among Postclassic Mexican and Southwest United States populations." Podium. Southwestern Bioarchaeology Symposium 2014: Synthesis, Revision, Current Trends. Annual Meeting: Society of American Archaeologists, Austin, Texas. 2014.
8. "Correlations between biological and linguistic similarities among Huastec and Maya groups." Podium. Invited Symposium: Tamtok: characterizing an urban society. Recent Investigations. Annual Meeting: Society of American Archaeologists, San Francisco, California. 2015.
9. "Cultural interaction and biological distance in Postclassic Mexico." Poster. Annual Meeting: American Association of Physical Anthropologists, St. Louis, Missouri. 2015.
10. "Origins of the Skull Masks of the Templo Mayor." Podium. Invited Symposium: Identifying the Tenochcan Style of the Templo Mayor. Annual Meeting: Society of American Anthropologists, San Francisco, California. 2015.
11. "Biological distances among Huasteca, Mixe-Zoque, Totonac, and Maya groups." Podium. Invited Symposium: Tamtok: An Urban Society. Annual Meeting: Society of American Archaeologists, San Francisco, California. 2015.
12. "Compliance, Collaboration, and Communication: A Repatriation Project with Jemez Pueblo." Poster. Invited Symposium: Engaged Bioarchaeology. 2016 Southwest Symposium, Tucson, Arizona. 2016.
13. "Population replacement and continuity in the precontact Valley of Mexico." Podium. Annual Meeting: American Association for Physical Anthropologists, New Orleans, LA. 2017.
14. "The effects of Spanish colonization on population structure in Mexico." Podium. Annual Meeting: American Association for Physical Anthropologists, Austin, TX. 2018.
15. "Estimating African ancestry in two historic ossuaries in New Spain." Podium. Co-author. Annual Meeting: American Association for Physical Anthropologists, Austin, TX. 2018.
16. "Spanish/North African population affinity: implications for North American Mestizos." Podium. Co-author. Annual Meeting: American Association for Physical Anthropologists, Austin, TX. 2018.
17. "Population structure in the Valley of Mexico at the time of Spanish conquest." Podium. Annual Meeting: Society for American Archaeology, Albuquerque, NM, 2019.
18. "Approaches to cultural and biological complexity in Mexico at the time of Spanish conquest." Symposium. Organizer, chair, and presenter. Annual Meeting: Society for American Archaeology, Albuquerque, NM, 2019.
19. "Female vs male migration patterns during the Great Moravian to Czech Kingdom transition: implications on cultural transmission in medieval Central Europe." Poster Symposium: The hidden lives of women: An exploration of women's roles and life histories in ancient

times. Annual Meeting: American Association for Physical Anthropologists, Los Angeles, CA. 2020.

TEACHING

Courses Taught

Human Ancestry and Adaptations
Forensic Anthropology Applications
Human Osteology
Archaeology of Death
Dental Anthropology
Biological Anthropology Method and Theory
Intro to Forensic Anthropology
Origins of New World Cities and States
Mortuary Archaeology Field School

Master's Committees

1. Britney Eubank, committee member, University of Montana, completed Spring 2016.
2. Paula Specht, committee member, University of Montana, completed Fall 2017.
3. Michelle Ziegler, chair and advisor, Southern Illinois University Edwardsville. Fall 2018-

Undergraduate Mentorship

1. Angel Nihels, Laboratory Research Assistant, URCA Associate, Anthropology Lab, Southern Illinois University Edwardsville, Spring 2018.
2. Molly Rench, Laboratory Research Assistant, Anthropology Lab, Southern Illinois University Edwardsville, Spring 2018.
3. Jacob Sebok, URCA Associate, Southern Illinois University Edwardsville, Spring 2018.
4. Shannon Cronin, Research Assistant, Southern Illinois University Edwardsville, Fall 2017.
5. Shawn Williams, Laboratory Research Assistant, Anthropology Lab, Southern Illinois University Edwardsville, Spring 2018.
6. Sarah Padgett, URCA Assistant, Southern Illinois University Edwardsville, Fall 2018.
7. Cody Bush, Laboratory Research Assistant, Anthropology Lab, Southern Illinois University Edwardsville, Spring 2019-
8. Hanna Oneal, Laboratory Research Assistant, Anthropology Lab, Southern Illinois University Edwardsville, Spring 2019-

SERVICE

University Service

1. Faculty Advisor, Veteran Honor Society (SALUTE), Southern Illinois University Edwardsville. 2017-
2. Faculty Mentor, Veteran Student Association Southern Illinois University Edwardsville. 2017-
3. Faculty Mentor, Anthropology Club, Southern Illinois University Edwardsville. 2016-2018.
4. Coordinator, College of Arts and Science Forensic Science Minor, Southern Illinois University Edwardsville. 2018-

Professional Service

1. Textbook reviewer, "How Humans Evolved, 7th Edition",

2. Book reviewer, "Holes in the Head: The Art and Archaeology of Trepanation in Ancient Peru", published in *Journal of Anthropological Research*. 2016.
3. Manuscript reviewer, *International Journal of Osteoarchaeology*, November 2017.
4. Grant reviewer, *Social Sciences and Humanities Research Council of Canada (SSHRC)*, 2018.
5. Book chapter reviewer, *Basketmaker II, Southwest Bioarchaeology*, 2018.
6. Book reviewer, "The Tales Teeth Tell: Development, Evolution, Behavior", published in *Journal of Anthropological Research*. January 2019.
7. Manuscript reviewer, *Dental Anthropology*, March 2019.
8. Manuscript reviewer, *Anales de Antropología*, May 2019.
9. Manuscript reviewer, *Science Advances*, June 2019.
10. Manuscript reviewer, *HOMO: Journal of Human Evolution*, August 2019.

Community Service

1. Valley View Cemetery Survey and Preservation Project, Edwardsville, IL, 2017.
2. Mt. Hope Cemetery Preservation Project, Belleville, IL, 2017.
3. St. Louis University Institutional Biosafety Committee, Scientific Committee Member, July 2018-

Invited Guest Lectures

1. "Origins of the offerings and skull masks of the Templo Mayor, Tenochtitlan: A biological and archaeological approach." Student Organization of Latin American Studies. 2015.
2. "Biological consequences of cultural interactions." Latin American and Iberian Institute Public Lecture, Albuquerque, NM. 2015.
3. "Dental anthropology: practice and applications." Southern Illinois University Edwardsville School of Dental Medicine Faculty Assembly, Edwardsville, IL. 2017.
4. "Biological consequences of Spanish contact in Mexico." Department of Biology Colloquium, Southern Illinois University Edwardsville, Edwardsville, IL. 2017.
5. "Investigating Geneology: A Global Perspective." Center for International and Global Studies, Lindenwood University, St. Charles, MO. February 2019.

Professional Memberships

American Association of Physical Anthropology
 Society for American Archaeology
 Dental Anthropology Association