

Jordan K Karsten

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EDUCATION

- 2014 **Ph.D.: Anthropology**
The State University of New York at Albany
Advisor: Sean Rafferty
Dissertation title: A Biocultural Perspective on the Transition to Agriculture in
Ukraine
- 2011 **Master of Arts: Anthropology**
The State University of New York at Albany
Advisor: Sharon DeWitte
GPA: 3.79
- 2009 **Bachelor of Science: Anthropology**
Grand Valley State University
GPA: 4.00
Graduated *magna cum laude*
- 2009 **Bachelor of Science: Health Sciences**
Grand Valley State University
GPA: 3.82
Graduated *magna cum laude*

Teaching Experience

- 09/2014 to Current **Assistant Professor of Anthropology**
University of Wisconsin Oshkosh
Courses taught include:
-ANTHRO 150: The Ancient World
-ANTHRO 202: Introduction to Biological Anthropology
-ANTHRO 208: Introduction to Archaeology
-ANTHRO 220: Culture and Health
-ANTHRO 301: Reading Theory
-ANTHRO 308: Race and Human Biological Variation
-ANTHRO 374: Human Osteology
-ANTHRO 377: Forensic Anthropology
-ANTHRO 378: Human Evolution

07/2013 to 08/2013	<p>Teaching Assistant for Forensic Methods Field School Grand Valley State University</p> <ul style="list-style-type: none"> -Taught students how to use parametric summary statistics -Taught students how to use multiple regression statistical analysis -Answered students' questions on the use of statistics
08/2010 to 05/2013	<p>Teaching Assistant for Human Anatomy and Physiology I and II The State University of New York at Albany (ANT 316, 317)</p> <ul style="list-style-type: none"> - Instructed the laboratory portions of each class - Designed and graded laboratory assignments -Lectured on human skeletal anatomy -Assisted students in hands-on learning with anatomical models -Held office hours to support students in the learning process
07/2012 to 08/2012	<p>Field Instructor for Bioarchaeological Field Methods at Verteba Cave, Ukraine</p> <p>Grand Valley State University (ANT 308)</p> <ul style="list-style-type: none"> -Lectured on archaeological excavation methods -Lectured on European Mesolithic, Neolithic, and Eneolithic archaeology -Worked in the field with undergraduate students to develop excavation skills
05/2012 to 06/2012	<p>Instructor of Record for Human Anatomy and Physiology I (ANT 316) The State University of New York at Albany</p> <ul style="list-style-type: none"> -Designed course on human anatomy and physiology -Gave Daily lectures
05/2011 to 06/2011	<p>Instructor of Record for Human Anatomy and Physiology I (ANT 316) The State University of New York at Albany</p> <ul style="list-style-type: none"> -Designed course on human anatomy and physiology -Gave Daily lectures
08/2009 to 05/2010	<p>Teaching Assistant for Introduction to Human Evolution (ANT 110) The State University of New York at Albany</p> <ul style="list-style-type: none"> -Served as the instructor for the laboratory portion of the course -Lectured on the human fossil record and natural selection -Assisted students in hands-on assignments with fossil casts
<u>Field Experience</u>	
2008-Current	<p>The Tripolye International Archaeological Project at Verteba Cave</p> <ul style="list-style-type: none"> -Co-direct excavations -Co-manage field laboratory
2015-Current	<p>Forensic Anthropology Consultant</p> <ul style="list-style-type: none"> -Assist Wisconsin law enforcement on death investigations involving human skeletal remains -Institutions assisted include: Winnebago County Coroner, Winnebago County Sheriff, Fond du Lac County Medical Examiner, Wisconsin State Department of Justice, Jefferson County Medical Examiner, Rusk County Medical Examiner, Sheboygan Sheriffs Police Department

University Service

- 2016-Current **Chair of UW Oshkosh College of Letters and Science Program Review Committee**
- 2016-Current **Faculty Fellow for UW Oshkosh Women's Golf Team**
- 2016-2017 **UW Oshkosh College of Letters and Science Student Success and Recruitment Team Member**
- 2015-Current **UW Oshkosh Intercollegiate Athletics Committee Member**
- 2015-Current **UW Oshkosh Professional Development Research Grant Reviewer**

Other Experience

- 2010 **Research Associate**
The Center for the Elimination of Minority Health Disparities at SUNY Albany
-Performed statistical analyses on human growth and development data
-Conducted research on the impacts of toxicant exposure on human biology
-Worked with indigenous communities in New York State to assess their risk of exposure to industrial toxicants
- 2010 **Conference Organizer**
Bioarchaeologists of the North East Regional Dialogue
--Released a call for abstracts to universities and colleges throughout the Northeast
-Processed abstracts, organized podium sessions, and arranged for the conference to be hosted by SUNY Albany
- 2010 **Assembly Member**
Graduate Student Organization SUNY Albany
-Represented the Anthropology Department Graduate Student Organization

Publications

- Karsten JK. 2018. *A test of the preauricular sulcus as an indicator of sex*. American Journal of Physical Anthropology *Early View*: 1-5.
- Ledogar SH, Karsten JK, Sokhatski M. 2018. *Birds in burials: the role of avifauna in Eneolithic Tripolye mortuary rituals*. Archaeological and Anthropological Science *Early View*: 1-14.
- Madden GD, Karsten JK, Ledogar SH, Schmidt R, Sokhatskyi M. 2018. *Violence at Verteba Cave, Ukraine: new insights into late Neolithic intergroup conflict*. International Journal of Osteoarchaeology *Early View*: 1-10.
- DeWitte SN, Hughes-Morey G, Bekvalac J, Karsten JK. 2016. *Wealth, health, and frailty in industrial-era London*. Annals of Human Biology 43: 241-254.
- Karsten JK, Sokhatskyi M, Heins SE, Madden GD. 2015. *Bioarchaeological analysis of anthropological material from Verteba Cave*. Stratum Plus 2015 (2): 121-144 (in Russian).

Karsten JK, Heins SE, Madden GD, Sokhatskyi M. 2015. *Dental health and the transition to agriculture in prehistoric Ukraine: a study of dental caries*. *European Journal of Archaeology* 18: 562-579.

Karsten JK, Heins SE, Madden GD, and Sokhatskyi M. 2014. *The biological implications of the transition to agriculture in prehistoric Ukraine: a study of enamel hypoplasias*. *Dental Anthropology* 27: 16-25.

Conference Presentations

Blohm T, Karsten JK. 2017. *Microbial pathogenic research of tuberculosis in ancient skeletal samples*. Poster presented at the Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, November, 2017, Milwaukee, Wisconsin.

Jenz TK, Karsten JK. 2017. *Adult stature reconstruction and the health status of the Oneota from five sites in Winnebago County, Wisconsin*. Poster presented at the Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, November, 2017, Milwaukee, Wisconsin.

Kubehl K, Karsten JK, Madden GD. 2017. *A dental study comparing macrowear patterns for two Neolithic Eastern European groups*. Poster presented at the Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, November, 2017, Milwaukee, Wisconsin.

Matejovsky K, Mann T, LoPresto S, Karsten JK, Madden G. 2017. *Vertebrae as non-specific stress indicator in the Tripolie population of Vertebe Cave*. Poster presented at the Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, November, 2017, Milwaukee, Wisconsin.

Hayes L, Karsten JK. 2017. *A test of the metric method for estimating sex using the human radius*. Poster presented at the Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, November, 2017, Milwaukee, Wisconsin.

Zeller V, Mitchell A, Karsten JK, Madden G. 2017. *Sexing the metacarpals of the Tripolie at Vertebe Cave*. 2017. Poster presented at the Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, November, 2017, Milwaukee, Wisconsin.

Karsten JK, Dorshorst T, Kubehl K, Schneider L. 2017. *Dietary reconstruction of Winnebago Phase Oneota: a study of dental pathology*. Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, April, 2017, New Orleans, Louisiana.

Jenz T, Kubehl K, Karsten JK. 2017. *Reassessing the misidentification of a Tripolye trepanation*. Poster presented at the Annual Meeting of the Paleopathology Association, April, 2017, New Orleans, Louisiana.

Mikrut J, Karsten JK. 2017. *A test of the standard method for morphological sex determination of the human crania*. Poster presented at the Biannual Meeting of the Wisconsin Coroners and Medical Examiners Association, April, 2017, Green Bay, Wisconsin.

Dorshorst T, Karsten JK. 2017. *Frequency distribution of individual traits within and between populations of different ancestry*. Poster presented at the Biannual Meeting of the Wisconsin Coroners and Medical Examiners Association, April, 2017, Green Bay, Wisconsin.

Dorshorst T, Karsten JK. 2016. *Frequency distribution of individual traits within and between populations of different ancestry*. Poster presented at the Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, October, 2016, Chicago, Illinois.

Jenz T, Kubehl K, Karsten JK. 2016. *Tripolye trepanation? A study on the possibility of trepanation on a Late Neolithic individual from Ukraine*. Poster presented at the Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, October, 2016, Chicago, Illinois.

Karsten JK, Schmidt R, Gakuhari T, Matsumae H, Oota H. 2016. *Paleogenetic analysis of the Eneolithic (4900-2750 calBC) Trypillian Culture from Vertebe Cave, Ukraine*. Poster presented at the Annual Meeting of the Society for American Archaeology, April, 2016, Orlando, Florida.

Oemig A, Karsten JK. 2016. *Troubled times in late prehistoric Wisconsin: violent skeletal trauma among the Winnebago Phase Oneota*. Poster presented at the Annual Meeting of the Society for American Archaeology, April, 2016, Orlando, Florida.

Oemig A, Karsten JK. 2016. *Troubled times in late prehistoric Wisconsin: violent skeletal trauma among the Winnebago Phase Oneota*. Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, April, 2016, Atlanta, Georgia.

Wojcinski MC, Karsten JK, Heins SE, Madden GD, Karriger WM. 2016. *A possible case of unilateral cleft lip and palate from the late Neolithic site of Vertebe Cave, Ukraine*. Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, April, 2016, Atlanta, Georgia.

Karsten JK. 2015. *Troubled times in late prehistoric central Wisconsin: violent skeletal trauma among the Winnebago Phase Oneota*. Podium presentation at the Annual Meeting of the Midwest Archaeological Conference, November, 2015, Milwaukee, Wisconsin.

Schmidt RW, Gakuhari T, Matsumae H, Karsten JK, Sokhatsky M, Oota H. 2015. *Ancient mtDNA analysis of the Eneolithic (4900-2750) Tripolye-Cucuteni Culture from Vertebe Cave, Ukraine*. Poster presented at the Society for Molecular Biology and Evolution Annual Meeting, July, 2015, Vienna, Austria.

Heins SE, Karsten JK, Madden GD. 2015. *Cranial clusters: mortuary patterns in Eneolithic Vertebe Cave, western Ukraine*. Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, April, 2015, St. Louis, Missouri.

Heins SE, Karsten JK. 2015. *Fauna from the Eneolithic mortuary site of Vertebe Cave, Ukraine*. Paper presented at the Annual Meeting of the Society for American Archaeology, April, 2015, San Francisco, California.

Karsten JK, Heins SE, Madden GD. 2014. *Violence at Vertebe Cave: skeletal trauma as evidence for raiding in Eneolithic Ukraine*. Paper presented at the Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, October, 2014, Allendale, Michigan.

Madden G, Karsten JK. 2013. *Burial as boundary marker at Vertebe Cave: establishing identity*. Poster presented at the Annual Meeting of the American Anthropological Association, November, 2013, Chicago, Illinois.

Karsten JK, Madden GD. 2013. *The transition to agriculture and its impact on health in prehistoric Ukraine*. Poster presented at the Annual Meeting of the Society for American Archaeology, April, 2013, Honolulu, Hawaii.

Madden GD, Arnold E, Karsten JK, Ambrose S. 2013. *Using isotope analysis to examine origins of agriculture and Neolithic farmers in western Ukraine*. Poster presented at the Annual Meeting of the Society for American Archaeology, April, 2013, Honolulu, Hawaii.

Karsten JK, Madden GD. 2013. *Sex-based health differences during the transition to agriculture in Ukraine*. Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, April, 2013, Knoxville, Tennessee.

Madden GD, Karsten JK. 2013. *Interpersonal violence in prehistoric western Ukraine*. Poster presented at the Annual Meeting of the Paleopathology Association, April, 2013, Knoxville, Tennessee.

Karsten JK. 2013. *Health in Eneolithic Ukraine*. Poster presented at the SUNY Albany Anthropology Graduate Student Organization Research Symposium, March, 2013, Albany, New York.

Karsten JK, Madden GD, Tkachuk T. 2012. *Above and below in western Ukraine: a comparative view of Tripolye mortuary practices from Bilshivtsi Village and Vertebea Cave*. Paper presented at the Annual Meeting of the Society for American Archaeology, April, 2012, Memphis, Tennessee.

Madden GD, Arnold E, Karsten JK, Ambrose S. 2012. *Isotopic analysis in the re-proveniencing of undocumented human mummified remains*. Poster presented at the Annual Meeting of the Society for American Archaeology, April, 2012, Memphis, Tennessee.

Madden GD, Karsten JK. 2012. *Scalping and pathological indicators in the Late Historic Period from Saugatuck, Michigan*. Poster presented at the Annual Meeting of the Paleopathology Association, April, 2012, Portland, Oregon.

Karsten JK. 2012. *Was agriculture really that bad for us? Reassessment of an entrenched paradigm*. Paper presented at the Annual Meet of the Bioarchaeologists of the North East Regional Dialogue, November, 2012, Albany, New York.

Madden GD, Karsten JK, Drew R. 2011. *Feathered cape, camelid fiber, and cordage-Peruvian mummies in Oslo*. Paper presented at the 7th World Congress on Mummy Studies, June, 2011, San Diego, California.

Karsten JK, Schell LM, Gallo MV. 2011. *The impact of toxicants and maternal cigarette use on sex steroid levels in pre-menarchial Mohawk females*. Poster presented at the Annual Meeting of the Human Biology Association, April, 2011, Minneapolis, Minnesota.

Karsten JK, Schell LM, Gallo MV. 2011. *The impact of toxicants and maternal cigarette use on sex steroid levels in pre-menarchial Mohawk females*. Paper presented at the SUNY Albany Anthropology Graduate Student Organization Research Symposium, March, 2011, Albany, New York.

Karsten JK, Madden GD. 2011. *The biological implications of the origin of agriculture in Eastern Europe*. Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, April, 2011, Minneapolis, Minnesota.

Madden GD, Karsten JK. 2009. *Trauma and pathology in a Neolithic European population*. Poster presented at the Annual Meeting of the European Association of Archaeologists, September, 2009, Trento, Italy.

Madden GD, Karsten JK. 2009. *Trauma and pathology in a Neolithic European population*. Poster presented at the Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, October, 2009, Allendale, Michigan.

Invited Lectures

Bioarchaeology. Lecture given to Dr. Behm's ANTHRO 208 class. November, 2017.

Forensic Anthropology. Lecture given to Dr. Spehar's ANTHRO 202 class. November, 2017.

Forensic Anthropology. Lecture given to Dr. Nicholl's ANTHRO 204 class. November, 2017.

Forensic Anthropology. Lecture given to Dr. Nicholl's ANTHRO 122 class. November, 2017.

Forensic Anthropology. Lecture given to Dr. Nicholl's ANTHRO 123 class. November, 2017.

When to call the bone doctor: how forensic anthropologists can help in death investigations. Lecture given to the Wisconsin State Crime Lab and Dane County Sheriff's Office. September, 2017.

When to call the bone doctor: how forensic anthropologists can help in death investigations. Lecture given to the Wisconsin Coroners and Medical Examiners Association. April, 2017.

Paleogenomics and human diversity. Lecture given to Dr. Spehar's ANTHRO 308 class. April, 2017.

Bones and borscht: how Neolithic human remains from Ukraine are enabling the reconstruction of European population history. Lecture given to the Milwaukee Chapter of the Archaeological Institute of America. March, 2017.

Late Neolithic Ukrainian paleogenomics and the establishment of modern European genetic diversity. Lecture given to the Charles E. Brown Chapter of the Wisconsin Archaeological Society. February, 2017.

Bioarchaeology. Lecture given to Dr. Behm's ANTHRO 208 class. November, 2016.

Forensic Anthropology. Lecture given to Dr. Spehar's ANTHRO 202 class. November, 2016.

Bioarchaeological analysis of the Winnebago Phase Oneota: implications for reconstructing diet and intergroup violence. Lecture given to the Milwaukee Chapter of the Wisconsin Archaeological Society. October, 2016.

Bioarchaeology and the study of the Viking Age. Lecture given to Dr. Rivers' Viking Age history class. September, 2016.

Late Neolithic Ukrainian paleogenomics and the establishment of modern European genetic diversity. Lecture given to University of Wisconsin Oshkosh Learning in Retirement. September, 2016.

Distinguishing human from non-human animal bone. Lecture given to the Wisconsin Association of Identifiers. March, 2016.

Bioarchaeological analysis at Verteba Cave, Ukraine. Lecture given at the UW Oshkosh University Scholarship Recognition Luncheon. October, 2015.

The bioarchaeology of Verteba Cave, Ukraine: osteological and ancient DNA approaches. UW Oshkosh College of Letters and Science Dean's Symposium.

Grants, Fellowships, and Awards

-University of Wisconsin Oshkosh College of Letters and Science Excellence in Mentoring Award: 2017

-University of Wisconsin Oshkosh Faculty Development Research Grant: 2015, 2016, 2017

-State University of New York Department of Anthropology Teaching Assistantship: 2009-2010, 2010-2011, 2011-2012, 2012-2013

-Richard E. Flanders Distinguished Merit Scholarship: 2007-2008, 2008-2009

-Walton Boston Koch Distinguished Merit Scholarship: 2007-2008, 2008-2009

Skills

-Proficient in the use of statistical software packages R-3.0.1 and SPSS

-Reading proficiency in Russian.

Professional Associations

-Society for American Archaeology (SAA)

-American Association of Physical Anthropologists (AAPA)

-Midwest Archaeology Conference (MAC)

-Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA)

-Wisconsin Coroners and Medical Examiners Association (WCMEA)