

## CONTACT INFORMATION

Adam Crane  
1729 E 13<sup>th</sup> Street  
Tucson, AZ 85719  
(317) 525-1610  
adacrane@email.arizona.edu

## EDUCATION

2016—Master of Science in Palaeopathology (with distinction), Durham University, Durham, England (degree finalized January 2017).

**Dissertation**—*Disability and Old Age: A Life Course Approach to Osteoarthritis in the St. Bride's Church Documented Collection (AD 1740-1852).*

Supervisor: Prof. Becky Gowland.

2014—Bachelor of Arts in Anthropology (with honors), Minor: Biology, College of Arts and Sciences, Indiana University, Bloomington, Indiana.

**Honors Thesis**—*Ankylosing Spondylitis in the Pre-Contact Illinois River Valley: A Case Study of Proliferative Lesions in the Axial Skeletons of Five Individuals.*

Committee: Prof. Della Collins Cook, Prof. Frederika Kaestle, Prof. Mark Braun.

## PROFESSIONAL DEVELOPMENT

2014—Seminar: Death Scene Archaeology: Field Methods in the Location, Recovery, and Interpretation of Human Remains from Outdoor Contexts, Mercyhurst University Archaeological Institute, Erie, Pennsylvania.

Instructor: Prof. Dennis Dirkmaat

2014—Seminar: Laboratory Methods in the Identification of Human Skeletal Remains, Mercyhurst University Archaeological Institute, Erie, Pennsylvania.

Instructor: Prof. Stephen Ousley.

2014—Seminar: Analysis of Bone Trauma and Pseudo-Trauma in Suspected Violent Deaths, Mercyhurst University Archaeological Institute, Erie, Pennsylvania.

Instructor: Prof. Steven Symes.

2013—Field School: Bioarchaeology and Human Osteology Laboratory Program, Arizona State University Field School, Kampsville, Illinois.

Instructor: Prof. Jane Buiktra

**Final Project**—*Identification of Early Diffuse Idiopathic Skeletal Hyperostosis (DISH) in the Lower Illinois Valley.*

## RESEARCH INTERESTS

*Geographic Areas of Specialization*—US Midwest, Pre-Columbian North America, Post-Medieval England

*Topical Interests*—Paleopathology, bioarchaeology, disability and care provision, disability studies, life course theory, NAGPRA, Native American and indigenous studies, anthropological ethics, critical pedagogy

## HONORS and AWARDS

- 2014 Graduation summa cum laude, College of Arts and Sciences, Indiana University, Bloomington, Indiana
- 2014 Eve Cockburn Student Poster Prize Runner-Up: *Ankylosing Spondylitis and HLA-B27 in the Pre-Contact Illinois River Valley: A Case Study of Proliferative Lesions in the Axial Skeletons of Three Individuals*, Paleopathology Association Poster Session, Calgary, Alberta, Canada.
- 2010-2014 IU Founder's Scholar, Indiana University, Bloomington, Indiana.
- 2010-2014 Dean's List, Indiana University, Bloomington, Indiana.

## SCHOLARSHIPS and GRANTS

- 2017-2018 Emil W. Haury Fellowship, School of Anthropology, University of Arizona, Tucson, Arizona. \$25,000
- 2017-2018 Graduate Tuition Scholarship, Graduate College, University of Arizona, Tucson, Arizona. \$21,000
- 2015 Taught Masters Bursary, Department of Archaeology, Durham University, Durham, England. £2500.
- 2014 HHC Research Grant, Hutton Honors College, Indiana University, Bloomington, Indiana. \$3000.
- 2013 Professional Experience Internship Grant, Hutton Honors College, Indiana University, Bloomington, Indiana. \$2000.
- 2010-2014 IU Excellence Scholarship, Indiana University, Bloomington, Indiana. \$9000/year

## PUBLICATIONS

- 2019 **Adam Crane**, James T. Watson, Randy Haas (In press). The Interplay of Behavioral and Occlusal Etiologies in Aberrant Dental Wear. In: C.W. Schmidt, J.T. Watson (eds.), *Dental Wear in Evolutionary and Biocultural Context*. Cambridge: Elsevier Press.
- 2017 Meghan E. Buchanan, Jayne-Leigh Thomas, April K Sievert, **Adam Crane**. *Mistaken Identity? A Reassessment of the Angel Mounds State Historic Site's Historic Cemetery using X-ray Fluorescence*. *Indiana Archaeology* 12(2):59-77.

- 2015 Jayne-Leigh Thomas, Meghan E. Buchanan, Carrie Wilson, **Adam Crane**. *Violence and Trophy Taking: A Case Study of Head and Neck Trauma in Two Individuals from the Gant Site (3MS11)*. International Journal of Osteoarchaeology [Special issue].

## PROFESSIONAL PRESENTATIONS

- 2019 **Adam Crane**. *Is the bioarchaeology of care a bioarchaeology of disability? A critical review of current trends and future directions in the study of past disability*. Paper presented at the 11<sup>th</sup> annual Center for Ancient Studies Graduate Student Conference—Disabilities in the Ancient World, February 2019. University of Pennsylvania, Philadelphia, Pennsylvania.
- 2018 **Adam Crane**, James T. Watson, Randy Haas. *The interplay of behavioral and occlusal etiologies in aberrant tooth wear*. Poster presented at the annual meeting of the American Association of Physical Anthropologists, April 2018. Austin, Texas.
- 2017 **Adam Crane**, James T. Watson, Randy Haas. *The interplay of behavioral and occlusal etiologies in aberrant tooth wear*. Poster presented at the annual meeting of the Southwestern Association of Biological Anthropologists, November 2017. San Diego, California.
- 2015 **Adam Crane**, Ricardo Higelin Ponce de León. *Repatriation, scientific study, and intellectual property: a contradiction in the terms of NAGPRA*. Paper presented at the annual symposium of the Anthropology Graduate Student Association, February 2015. Indiana University, Bloomington, Indiana.
- 2014 **Adam Crane**, Della Collins Cook. *Implementing the 'Bioarchaeology of Care' in the Illinois River Valley: a case of juvenile-onset ankylosing spondylitis at Morton Mound 14*. Poster presented at the annual meeting of the Midwest Archaeological Conference, October 2014. Champaign, Illinois.
- 2014 **Adam Crane**, Della Collins Cook, Frederika Kaestle. *Ankylosing spondylitis and HLA-B27 in the Pre-Contact Illinois River Valley: a case of proliferative lesions in the axial skeletons of three individuals*. Poster presented at the annual meeting of the Paleopathology Association, April 2014. Calgary, Alberta, Canada.
- 2013 **Adam Crane**. *Ancient DNA analysis and differential diagnosis of ankylosing spondylitis in two Hopewell individuals*. Poster presented at the annual meeting of the American Association of Physical Anthropologists, February 2013. Knoxville, Tennessee.
- 2013 **Adam Crane**. *An evaluation of the genetic element of ankylosing spondylitis in two Hopewell individuals*. Poster presented at the annual meeting of the Indiana Academy of Science, March 2013. Indianapolis, Indiana.
- 2013 **Adam Crane**. *Evaluation of an ankylosing spondylitis diagnosis in a Hopewell individual from Pete Klunk Mound Group*. Paper presented at the annual symposium of the Anthropology Graduate Student Association, February 2013. Indiana University, Bloomington, Indiana.

## **RESEARCH EXPERIENCE**

*Research Assistant*—Arizona State Museum, University of Arizona, Tucson, Arizona. Summer 2018

*Visiting Researcher*—St. Bride's Church, Centre for Human Bioarchaeology, Museum of London, London, England. Summer 2016.

*Osteologist*—Office of the Native American Graves Protection and Repatriation Act, Indiana University, Bloomington, Indiana. Fall 2013 to Summer 2015.

*Research and Collections Intern*—Glenn Black Laboratory of Archaeology, Indiana University, Bloomington, Indiana. Summer 2013

*Laboratory Technician*—Paleontology Laboratory, The Children's Museum of Indianapolis, Indiana. Summer 2011.

## **TEACHING EXPERIENCE**

*Undergraduate Teaching Assistant*—P200: Introduction to Archaeology, Department of Anthropology, Indiana University, Bloomington, Indiana. Spring 2013.

*Museum Interpreter*—Paleontology Laboratory, The Children's Museum of Indianapolis, Indiana. Summer 2011.

## **ACADEMIC SERVICE**

*International Representative*—MCR Executive Committee, Josephine Butler College, Durham University, Durham, England. Fall 2015 to Summer 2016.

*GBL Equipment and Technology Working Group*—Glenn A. Black Laboratory of Archaeology, Indiana University, Bloomington, Indiana. Spring 2015 to Summer 2015.

*Bioanthropology Committee Chair*—Undergraduate Anthropology Association, Indiana University, Bloomington, Indiana. Fall 2013 to Spring 2014.

*Clerical Assistant*—Department of Anthropology, Indiana University, Bloomington, Indiana. Fall 2013.

## **PROFESSIONAL AFFILIATIONS**

American Association of Physical Anthropologists

Paleopathology Association

Midwest Archaeology Conference

Hutton Honors College, Indiana University, Bloomington, Indiana

Phi Beta Kappa, Gamma of Indiana at Indiana University, Bloomington, Indiana

Undergraduate Anthropology Association, Anthropology Department, Indiana University, Bloomington, Indiana

## **PROFESSIONAL SKILLS**

Proficient with Bruker Tracer III-SD series pXRF spectrometer for detection of lab contaminants (arsenic, lead, etc.) and for research purposes.

Proficient with pneumatic air scribe and air abrasive tools for fossil specimen preparation.

Proficient in archaeological survey and excavation methods, including use of electronic survey equipment

Proficient in use of FORDISC discriminant function software and ABDOU transitional analysis software

Fulfilled Indiana University foreign language requirements via placement examination, equivalent to 4 semesters of Spanish language coursework.

Fulfilled Indiana University mathematics requirements via high school credits and placement examination, equivalent to 8 credit hours of mathematics coursework

Limited experience in basic techniques of archaeogenetic research, including PCR amplification and gel electrophoresis

## **REFERENCES**

### **Dr. James T. Watson**

Associate Professor, School of Anthropology  
University of Arizona  
1013 E University Blvd  
Tucson, AZ 85721  
Phone: 520-621-4794  
Email: watsonjt@email.arizona.edu

### **Dr. Becky Gowland**

Senior Lecturer, Department of Archaeology  
Durham University  
Dept. of Archaeology, South Road  
Durham, DH1 3DF  
England  
Email: rebecca.gowland@durham.ac.uk

### **Dr. Della Collins Cook**

Professor, Department of Anthropology  
Indiana University  
701 East Kirkwood Avenue  
Bloomington, IN 47405  
Phone: 1-812-855-6368  
Email: cook@indiana.edu