

# Kirsten Green Mink

## EDUCATION

**Doctorate of Philosophy (Ph.D)**, Physical Anthropology. University of Montana, 32 Campus Dr. Missoula, MT 59812 (406) 243-0211. Specialization: Bioarchaeology, Osteology & Forensic Anthropology. *The use of stable isotope analysis on burials at Cahal Pech, Belize in order to identify trends in mortuary practices over time and space*. Advisors: Dr. John Douglas & Dr. Meradeth Snow. December, 2016.

**Masters of Arts**, Anthropology. University of Montana, 32 Campus Dr. Missoula, MT 59812. (406) 243-0211. Specialization: Bioarchaeology and Osteology. Master's Thesis: *Changes in the Occupational Stress Markers of the Elbow and Shoulder Joints in Women when Transitioning from Hunting and Gathering to Maize Subsistence*, committee chair: Dr. Ashley McKeown. May, 2008.

**Bachelor of Science**, Anthropology. Southern Methodist University, 6025 Boaz Ln. Dallas, TX. May, 2006.

## PUBLICATIONS

Brown, B., Pedersen, M., Harrington, J., Belcourt, A., Conroy-Ben, O., Brodt, E., Calhoun, M., Chief, K., Hoagland, S., Johnson-Jennings, M., Lewis, J., **Mink, K.G.**, Milligan-Myhre, K., Ozburn, A., Pete, S., Simonds, V., Thomas, A., Chase, S., Des Rosier Grant, A., Hall, R., Hill, S., Wu, K. 2020. *Developing an Indigenous Mentoring Program for American Indian/Alaska Native Faculty in STEM fields: A qualitative study*. *In prep*.

Green Mink, K., Ebert, C.E., Awe, J.J., Freiwald, C. *Colonial Lifeways Revealed through Osteobiographic Analysis at Cahal Pech, Belize*. In Wrobel, G and Cucina, A, editors. *Osteobiographies in Mesoamerica: Their History and Scope*. *In prep*.

Hoggarth, J.A., Batty, S., Bondura, V., Creamer, E., Ebert, C.E., **Mink, K.G.**, Kieffer, C.L., Miller, H., Ngonadi, C.V., Pilaar Birch, S.E., Pritchard, C., Vacca, K., Watkins, T.B., Zavodny, E., Miller, A.V. 2021. *Impacts of the Coronavirus Pandemic on Women, Historically Under-Represented Communities, and Early Career Archaeologists*. *Heritage* Vol. 4, Special Issue: "Women in Archaeology".

Ebert, C.E., **Green Mink, K.**, Rand, A., Hoggarth, J.A., Awe, J.J., Danforth, M., and Kennett, D.J. TBA *The Stable Isotope Ecology of Ancient Maya Diets: New Carbon, Nitrogen, and Sulfur data from the Eastern Maya Lowlands*. PLOS.

Green Mink, K., Bye, J. 2020. *A re-examination of Lower Dover burials from Settlement Group 1: Structure SG-1, Burials SG1-B2 and SG1-B3*. In: Ebert C., Waldon, J.P., Hoggarth J.A., and Awe J.J., editors. *The Belize Valley archaeological reconnaissance project: A report of the 2019 field season*. Vol. 25. Institute of Archaeology.

Freiwald, C., Novotny, A, **Green Mink, K.** 2019. *Mobility among the Maya of the Belize Valley*. In: Morris, J., Badillo, M., and Thompson, G. editors. *Research Reports in Belizean Archaeology* Vol. 16.

Green, K.A., Izzo, V, Awe, J.J. 2018. *2017 Xunantunich Structure B1 excavation: The completion of the bone soup excavation of Burial B1-4*. In: Ebert C., Hoggarth J.A., Burke C. and Awe J.J., editors. *The Belize Valley archaeological reconnaissance project: A report of the 2017 field season*. Vol. 23. Institute of Archaeology.

Hoggarth, J.A., Freiwald, C., Ebert, C.E., Awe, J.J., **Green, K.A.**, Helmke, C.G.B. 2017. *As the Baktun turned: Reconstructing Classic to Postclassic population dynamics in the Belize River Valley*. In: Power, politics, conflict, and identity: 3,000 years of war and peace in Central America (working title). Routledge Press.

Awe, J.J., Ebert, C.E., **Green, K.A.**, Hoggarth, J.A., Freiwald, C. 2017. *The Dead Do Tell Tales: Unravelling the Case of Cahal Pech's Jane or John Doe*. In: Research Reports of Belizean Archaeology: Papers of the 2016 Belize Archaeology Anthropology Symposium 13. Institute of Archaeology: Belmopan, Belize.

Watkins, T.B., Bongiovanni, R., **Green, K.A.** 2017. *Investigations of the palace complex at Lower Dover: Results from the 2016 excavations in courtyard 2*. In: Hoggarth J.A. and Awe J.J., editors. The Belize Valley archaeological reconnaissance project: A report of the 2016 field season. Vol 22. Baylor University: Institute of Archaeology.

Hoggarth, J.A., Awe, J.J., Bednar, S.E., Johnson, A.L., McKeown, A., Lonaker, S., **Green, K.**, Moraza-Keeswood, N., Ray, E., Walden, J. 2016. *How it falls apart: Identifying Terminal deposits in Group B to date the 'Classic Maya Collapse; at Baking Pot, Belize*. In: Hoggarth J.A. and Awe J.J., editors. The Belize Valley archaeological reconnaissance project: A report of the 2015 field season. Vol 21. Baylor University: Institute of Archaeology. p. 240-267.

McKeown, A.H., Snow, M., Bongiovanni, R., **Green, K.A.**, Hauther, K. 2015. *Bioarchaeology of Burials Associated with the Elkins Site (7NC-G-174)*. Delaware Department of Transportation.

### PRESENTATIONS

Green Mink, K. 2019. *Search & Recovery Methods*. Training for Lewis & Clark Search and Rescue. Helena, MT

Green Mink, K. 2019. *Forensic Anthropology*. Training for Missoula County Sheriff and Missoula PD Officers. Missoula, MT

Green Mink, K. 2019. *Indigenous Bioarchaeology & Forensic Anthropology in Montana: A new perspective when engaging with Law Enforcement, Native Americans, and the Academy*. Poster Presentation. 8<sup>th</sup> Annual WeBig Meetings.

Green Mink, K. 2019. *Forensic Anthropology*. Advanced Coroner Training, Montana Law Enforcement Academy. Great Falls, MT.

Green Mink, K. & Jackson, K. 2018. Lead Instructor for the Forensic Anthropology Session at the 2018 Medico-legal Death Investigation Conference. University of Montana, Missoula.

Freiwald, C., **Green Mink, K.**, Rand, A., Trask, W., & Novotny, A. 2018. *Maya Mobility: Isotopes, Molecules, and Migration in Belize*. 16<sup>th</sup> Annual Belize Archaeology Symposium. San Ignacio, Cayo, BZ.

Green Mink, K. 2018. Presentation. *Forensic and Mortuary Archaeology*. Given to the Montana History Foundation's Cemetery Conference, Helena, MT.

Green, K.A. & Snow, M.H. 2018. Paper Presentation. *Title IX from a Researcher's Perspective*. In: Title IV Symposium. 83<sup>rd</sup> Annual SAA Meetings. Washington, DC.

Green, K.A. 2017. Presentation. *Forensic Anthropology*. Coroner Training, Montana Law Enforcement Academy, Helena, MT.

Green, K.A. 2017. Paper Presentation. *Maya mortuary practices over time and space: The effects of socio-political and environmental change on mortuary practices and the statistical analysis of trends in mortuary characteristics*. In: Crafting the complex: Material culture and the rise of complexity in formative Mesoamerica. 82<sup>nd</sup> Annual SAA Meetings. Vancouver, BC.

Green, K.A., Eerkens, J., Freiwald, C. & Hull, B. 2016. Poster Presentation. *The occupation perplexity: Identifying the degree of mobility at Cahal Pech using stable isotope*. 4th Annual Western Bioarchaeology Group Conference, Sonoma State University.

Green, K.A., McKeown, A.H. & Bongiovanni, R. 2016. Paper Presentation. *Tracing Mortuary Trends at Cahal Pech using Stable Isotope Data*. In: Exploring Two Thousand Years of Human Habitation in the Belize Valley: Situating Cahal Pech in Lowland Maya Prehistory Symposium. 81<sup>st</sup> Annual SAA Meetings. Orlando, FL.

McKeown, A.H., Snow, M., Bongiovanni, R., **Green, K.A.**, Hauther, K. 2015. Paper Presentation. *Bioarchaeology of Burials Associated with the Elkins Site (7NC-G-174)*. Annual SHA Meetings. Washington, DC.

Green, K.A. 2015. Poster. *Maya mortuary practices of the Belize River Valley: Inter- and intra-site statistical analysis on burials from Cahal Pech and its periphery sites, Cayo, Belize*. 3<sup>rd</sup> Annual Western Bioarchaeology Group Conference, Arizona State University.

Green, K.A. 2015. Poster. *Always Facing East...Except When They're Not: Preliminary Analysis of Mortuary Trends at Cahal Pech, Cayo, Belize*. 80<sup>th</sup> Annual SAA Meetings. San Francisco, CA.

Green, K.A. 2014. Poster. *Identity Crisis: How Bioarchaeological Techniques can Enhance Identity Creation*. 2<sup>nd</sup> Annual Western Bioarchaeology Group Conference. University of Nevada, Las Vegas.

Green, K.A. 2013. Poster. *For the Love of Corn: Osteoarthritis of the Shoulder and Elbow Joints in Women When Transitioning from a Hunting and Gathering Society to an Agricultural Subsistence*. 78<sup>th</sup> Annual SAA Meetings. Honolulu, HI.

Green, K.A. 2011. Poster. *What Am I? A Quick and Dirty Guide to Identification of Human Remains in the Field*. Presented at the Caltrans Cultural Functional Meeting, Riverside, CA.

Green, K.A. 2008. Master's Thesis Defense: *Changes in the Occupational Stress Markers of the Elbow and Shoulder Joints in Women when Transitioning from Hunting and Gathering to Maize Subsistence* given to my defense committee.

#### **SELECTED FORENSIC CASEWORK & RESEARCH**

- Forensic Case #FSD 21-205/206, Mineral Co. (MT), Sole author: Kirsten Green Mink (Green Mink Forensic Anthropology Services & Training), August 2021.
- Forensic Case #FSD 22-229, Gallatin Co. (MT), Sole author: Kirsten Green Mink (Green Mink Forensic Anthropology Services & Training), August 2021.
- Forensic Case #FSD 20-296, Fallon Co. (MT), Sole author: Kirsten Green Mink (Green Mink Forensic Anthropology Services & Training), February 2021.
- Forensic Case #FSD 20-391, Lake Co. (MT), Sole author: Kirsten Green Mink (Green Mink Forensic Anthropology Services & Training), April 2021.
- Forensic Case #FSD 20-146, Toole Co. (MT), Sole author: Kirsten Green Mink (Green Mink Forensic Anthropology Services & Training), August 2020.
- Forensic Case #FSD 20-145, Toole Co. (MT), Sole author: Kirsten Green Mink (Green Mink Forensic Anthropology Services & Training), August 2020.
- Forensic Case #BCCO 19-112, Bonner County (ID), Forensic Analysis and supervisor Kirsten Green Mink, January 2020.
- Forensic Case #FSD 19-159, Madison County (MT), Forensic Analysis and supervisor Kirsten Green Mink, November 2019. *Consultation with Montana Department of Criminal Investigation (DCI)*.
- Forensic Case #FSD 19-232, Lewis & Clark County (MT), Forensic Analysis and supervisor Kirsten Green Mink, October 2019.

- Forensic Case #FSD 19-253, Missoula County (MT), Forensic Analysis and supervisor Kirsten Green Mink, October 2019.
- Forensic Case #BCC 19-055, Bonner County (ID), Forensic Analysis and supervisor Kirsten Green Mink, August 2019.
- Forensic Case #FSD 19-106, Flathead County (MT), Forensic Analysis and supervisor: Kirsten Green Mink. May 2019.
- Forensic Recovery, Lake County (MT), Lake County PD, Missoula PD, Lake County Sheriffs, Tribal PD. Survey and recovery, supervisor: Kirsten Green Mink. December 2018, June 2019.
- Forensic Case #FSD John Byrd Site, Lewis & Clark County (MT). Forensic Analysis and supervisor: Kirsten Green Mink. January 2019. *Consultation with US Forest Service and SHPO.*
- Forensic Case #FSD 022294-134, Lewis & Clark County (MT). Forensic Analysis and supervisor: Kirsten Green Mink. November 2018.
- Forensic Case #FSD 18-032, Missoula County (MT). Forensic recovery, analysis and profile. Supervisor: Dr. Kirsten Green Mink. March & April 2018. *Consultation with FBI Missoula County Sheriff's Task Force.*
- Forensic Case #BHC 2017-01 Ind. #1, Ind. #3, Ind. #4, Beaverhead County (MT). Forensic analysis and profile for three historic individuals. Supervisor: Dr. Kirsten Green. November 2017.
- Forensic Case #2017-50559, Missoula Police Department (MT). Supervisor: Dr. Kirsten A. Green. October 2017. *Consultation with FBI Missoula PD Task Force.*
- Forensic Case #2015-00073627, Billings Police Department (Montana State Crime Lab FSD #17-242). Supervisor: Dr. Kirsten A. Green. September 2017.
- Forensic Case #17-45922, Billings Police Department (Montana State Crime Lab FSD #B17-156). Supervisor: Dr. Kirsten A. Green. August 2017.
- Forensic Survey & Recovery 9-5-16. Missoula County Sherriff's Office and Missoula and Ravalli County Search and Rescue. Volunteer. Supervisor: Dr. Ashley Kendall. September 2016.

### **RESEARCH EXPERIENCE**

Belize Valley Archaeological Reconnaissance Project (BVAR), San Ignacio, Belize. Catalogue, curate, and record previously excavated human remains from different sites with the Belize Valley; excavate burials from BVAR sites including Cahal Pech, Baking Pot, Lower Dover, and Xunantunich. Work with students in the lab and field teaching excavation and standard bioarchaeological analysis. Continue to conduct meaningful research to answer questions deemed important to the project. 2013-present.

Dissertation Research, UC Davis Stable Isotope Facility. Training and preparation of skeletal samples for stable isotope analysis under the guidance and direction of Dr. Jelmer Eerkens. Included creating sample database, cleaning and preparing bones in chemical baths, working with other grad students in a lab setting, and working various lab machinery. Supervisor: Dr. Jelmer Eerkens. June 2015.

Dissertation Research, San Ignacio, Belize. Data collection of skeletal remains from the Maya site of Cahal Pech in Belize. Sample collecting included skeletal inventory, bone identification, sampling protocol, and paleodemographic analysis of each individual. Summer 2014 and January 2015.

Natomas Levee Improvement Project, EDAW Sacramento, CA. Excavated burials and features, identifying bones, some in field analysis of human remains. Laboratory work included cataloging, sorting, and bagging artifacts, and human remains analysis. Authored *Human Remains Analysis* section of the archaeological report. Supervisor: Charlane Gross. July 2008-December 2009.

Master's Research, Smithsonian National Museum of Natural History, Washington, DC. Collected data for my Master's thesis, photographed stages of arthritic development, responsible for finding and handling the human remains within each collection. Supervisor: Dr. Dave Hunt. January 2008.

Powell County Archaeology Project, HRA, Missoula, MT. Archaeology field technician. Salvage archaeology due to road construction. Excavated, photographed, recorded, hand mapped, and GPS findings and units. Supervisor in the field: Brian Herbel. June/July 2007.

Seattle City Light Boundary Dam Project, HRA, Missoula MT. Archaeology field technician. Ione, WA. Surveyed river banks on foot and by boat, recorded historic and prehistoric sites, photographed and GPS sites. Supervisor in the field: Brian Herbel. May 2007.

Research on Handedness in the Pot Creek Pueblo Population, Southern Methodist University, Dallas, TX. Independent Study Project. Analyzed muscle markings and bone wear on 30+ individuals from the Pot Creek Pueblo collection. Professor: Dr. Ronald Wetherington. August 2005-May 2006.

Southern Methodist University Field School, Taos, NM. Student. Learned excavation techniques at the Chavez-Hummingbird and Pot Creek Pueblo sites. Professor: Dr. Mike Adler. Summer 2003.

### MENTORING & COMMITTEE POSITIONS

#### Undergraduate Honors Capstone Lead Mentor:

- Justine Bye. May 2020.
- Hannah Pepprock. May 2018.

#### Thesis committees:

3 MA theses (*in progress*)

12 MA theses (*completed*)

#### Dissertation committees:

3 PhD dissertation (*in progress*)

5 PhD dissertations (*completed*)

### GRANTS, FELLOWSHIPS & SCHOLARSHIPS

Wenner-Gren Post-PhD grant – *In prep*

Humanities Institute Grant – University of Montana 2020/2021

Bertha Morton Fellowship – University of Montana Graduate School, 2015-2016

National Science Foundation Scholarship for Archaeological Training for Native Americans and Native Hawaiians – Society for American Archaeology, 2015

Sloan Indigenous Graduate Scholarship Program (SIGP) – Scholarship for STEM Native American graduate students sponsored by the Alfred P. Sloan Foundation, 2013-2016

### PROFESSIONAL DEVELOPMENT

**Trial Experience:** May 2019

**Conferences Attended** – UM THPO Summit 2019; MAS 2019; SAA's 2011, 2013-2018; WeBig 2013-2016, 2019; AAPA's 2012, 2020 (COVID-19).

**Professional Societies** – American Academy of Forensic Sciences (Trainee), Society for American Archaeology, American Association of Physical Anthropologists, Lambda Alpha Lifetime Member, Montana Archaeological Society, Western Bioarchaeological Group (WeBig).

**Service** – AAFS-Anthropology Section Ad Hoc Committee on Outreach, Recruitment & Retention

#### **Software Programs**

Microsoft Office, SPSS 15 for Windows, Fordisc 3.0, R Statistical Program, GPS, GIS/ArcMap, Adobe Suite, PAST, SplitsTree, DinoLite

**Community Outreach** – Friends of Irish Studies Non-profit organization 2015-2019, Special Olympics Montana 2015-2017 volunteer, SAA 2018 Volunteer.

### TEACHING EXPERIENCE (2017-Present)

Spring 2021	Introduction to Physical Anthropology Lab (ANTY 213) Online Lead Instructor Forensic and Mortuary Archaeology (ANTY 413) Lead Instructor Seminar in Bioarchaeology (ANTY 513) Lead Instructor
Winter 2020	Forensic Science: The Crime Lab & Beyond (CJUS 488) Online Lead Instructor
Fall 2020	Introduction to Physical Anthropology Lecture (ANTY 210N) Online Lead Instructor Introduction to Physical Anthropology Lab (ANTY 213) Online Lead Instructor
Spring 2018-2020	Introduction to Physical Anthropology Lecture (ANTY 210N) Lead Instructor

Forensic and Mortuary Archaeology (ANTY 413) Lead Instructor  
Seminar in Bioarchaeology (ANTY 513) Lead Instructor

Summer 2020 Fundamentals of Forensic Sciences (CJUS 125) Online Lead Instructor

Summer 2018-2019 Principles of Forensic Anthropology (ANTY 314) Online Lead Instructor

Fall 2017-2019 Introduction to Physical Anthropology Lecture (ANTY 210N) Lead Instructor  
Introduction to Physical Anthropology Lab (ANTY 213) Lead Instructor  
Osteology (ANTY 412) Lead Instructor

### WORK EXPERIENCE

August 2017 – current  
Adjunct Assistant Professor, University of Montana - Department of Anthropology. Department Chair – Doug McDonald (406) 243-2693.

August 2012-current  
Mismo Gymnastics, Missoula MT. Marketing Director, Front Office Staff, Graphic Designer, and Recreational Gymnastics Coach. CEO Kelley Durbin (406) 728-0908.

February 2012-August 2012  
California Army National Guard Headquarters Sacramento, CA. Associate Environmental Planner Archaeologist, PQS Lead Surveyor. Supervisor – Doug Bryceson (916) 369-4330.

January 2009 – February 2012  
California Department of Transportation, District 4. Oakland, CA. Associate Environmental Planner Archaeologist, PQS Lead Surveyor. Supervisor – Lissa McKee (510) 622-5458.

July 2008 - December 2009  
EDAW, Sacramento, CA. Archaeology field technician, author of biological profile report. Supervisor - Charlane Gross (916) 414-5800.

### REFERENCES

**Dr. Rob Kurtzman.** Lead Medical Examiner, State of Montana. Forensic Science Division – East, Billings, MT 59101. Tel: (406) 255-1112, Email: [rkurtzman@mt.gov](mailto:rkurtzman@mt.gov)

**Dr. Aldo Fusaro.** Deputy Medical Examiner, State of Montana. Montana State Crime Lab, Missoula, MT 59808. Tel: (406) 728-4970, Email: [aldo.fusaro@mt.gov](mailto:aldo.fusaro@mt.gov)

**Dr. John Douglas.** University of Arizona Ph.D. 1990. Professor, University of Montana, Missoula, MT 59801. Tel: (406) 243-4246, Email: [john.douglas@umontana.edu](mailto:john.douglas@umontana.edu)

**Dr. Jaime Awe.** University of London, England PhD. 1992. Assistant Professor, Northern Arizona University, Flagstaff, AZ 86011. Tel: (928) 523-1434, Email: [jaimewe@nau.edu](mailto:jaimewe@nau.edu)