

# Savannah Hay

Ph.D. Student  
in Biological  
Anthropology

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## Interests

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Ancient DNA • Dental Morphology • Genetics  
• Epigenetics • Health and Disease  
Development • Early migrations of the Arctic

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## Education

**University of Kansas / Ph. D.**

August 2020-Present, Lawrence, KS.

Concentrations: population history of the Arctic, ancient DNA

Dissertation Advisor: Jennifer Raff, Ph. D.

**University of Nevada, Reno / M.A.**

August 2018-May 2020, Reno, NV.

Concentrations: biological anthropology, dental anthropology,  
epigenetics

Thesis: Asymmetry and discordance in Carabelli's trait and the hypocone: do  
MZ and DZ twins point to common underlying epigenetic factors?

Thesis Advisor: G. Richard Scott, Ph. D.

**University of Kansas / B.A.**

August 2013-December 2016, Lawrence, KS.

Concentration: archaeology, lithics, biological anthropology, and  
genetics

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## Professional Experience

**R. Christopher Goodwin and Associates / Field Archaeologist, A3**

October 2017 - June 2018, Lawrence, KS.

Assisted in contract archaeology work in lab and field settings and  
created digital archive of building plans for Fort Sill, OK.

**University of Kansas, Biodiversity Institute / Archaeological Curator's  
Assistant**

September 2016 - June 2017, Lawrence, KS.

Organized and preserved archives, media, and maps for the  
archaeology lab of the University of Kansas.

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**Teaching  
Experience**

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**University of Kansas/ Teacher's Assistant**

**August 2019 – Present, Lawrence, KS.**

Assisted in instruction of Anth 441: Laboratory/Field Methods in Biological Anthropology, including grading, designing and supervising labs. Assisted with Anth 340 and Anth 484 labs and grading as well.

Supervisor: Jennifer Raff, Ph.D.

**University of Nevada, Reno/ Teacher's Assistant**

**August 2019 – December 2019, Reno, NV.**

Assisted in instruction of the University of Nevada, Reno's Introduction to Archaeology class, including grading as well as designing and instructing lectures.

Supervisor: Sarah Cowie, Ph.D.

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**Research  
Experience**

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**Laboratory of Biological Anthropology / Independent Research 2015-2017,  
University of Kansas**

Extracted and prepared Nicaragua DNA samples for sequencing to study the diversity of Miskitu peoples.

Supervisor: Jennifer Raff, Ph. D.

**Archaeological Field School / Student**

**June 2017- July 2017, University of Kansas**

Participated in excavation of a Pawnee earth lodge.

Supervisor: Mary Adair, Ph.D.

**Archaeotek Medieval Churches Funerary Excavation/Student**

**June 2015-July 2017, Odorheiu Secuiesc, Romania.**

Osteology field school and lab class on the excavated human remains of a medieval Romanian church cemetery.

Supervisor: Katie Zejdlik, Ph.D.

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**Professional  
Presentations**

**Savannah Hay, and G. Richard Scott.**

2021. "Asymmetry and Discordance in Carabelli's trait and the hypocone: do MZ and DZ twins point to common underlying epigenetic factors?" Poster presented at the 2021 American Association of Physical Anthropologists conference.

**Savannah Hay, and G. Richard Scott.**

2020. "Antimere asymmetry and monozygotic discordance in Carabelli trait: do they reflect common underlying epigenetic factors." Poster presented at the 2020 American Association of Physical Anthropologists conference.

**Savannah Hay, Laura E. Cirillo, Tatiana Vlemincq-Mendieta, Dori Kenessey, Rosie L. Perash, Stephanie J. Cole, Kristen A. Broehl, and G.Richard Scott.**

2019. "Interobserver Agreement in Scoring Dental Morphology using ASUDAS in South Australian Whites." Poster presented at the 2019 American Association of Physical Anthropologists conference.

Stephanie J. Cole, Kristen A. Broehl, Laura E. Cirillo, Savannah Hay, Dori Kenessey, Rosie L. Perash, Tatiana Vlemincq-Mendieta, and G. Richard Scott.

2019. "To be or not to be MZ or DZ: Diagnosing Zygosity in South Australian white twins from nonmetric crown traits." Poster presented at the 2019 American Association of Physical Anthropologists conference.

Cassie E. Skipper, Rosie L. Perash, Laura E. Cirillo, Victoria Swenson, Donovan Adams, Rebecca L. George, Stephanie J. Cole, Courtney N. Hulse, Tatiana Vlemincq-Mendieta, Dori Kenessey, **Savannah Hay**, and Marin A. Pilloud.

2019. "It's getting better all the time: A look at the contributions of G. Richard Scott to dental anthropology" Poster presented at the 2019 American Association of Physical Anthropologists conference.

**Savannah Hay**, Siddarth Sharma, and Ryan Thomas.

2017. "An Analysis of the Diversity Within the Miskitu People of Nicaragua" Poster presented at the University of Kansas Undergraduate Research Symposium.

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**Awards**

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**Carroll D. Clark Summer Graduate Research Fund-2021**

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**Professional Memberships**

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**American Association of Physical Anthropologists**

September 2018-Present

**Dental Anthropology Association**

September 2018-Present

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**Skills**

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ArcGIS • PCR Sequencing • Gel Electrophoresis • Dental Scoring • Bioarchaeology excavation techniques • R Statistical Software • Archival Work • Survey • Accessibility in Adobe • Microsoft Suite

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