

# Jennifer F. Byrnes, PhD, D-ABFA

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## EDUCATION

### Doctor of Philosophy, February 2015

- Anthropology, University at Buffalo
- Dissertation Title: 'A Pauper's Shame:' A Biocultural Investigation of Trauma, Impairment, and Disability in the Erie County Poorhouse Cemetery, 1851-1913

### Master of Arts, February 2009

- Anthropology, University at Buffalo
- Project Title: Ancient DNA and Portable X-ray Fluorescence Technology Utilized for the Identification of the Unknown Individuals from the Jackson Street Burials

### Bachelor of Science, May 2006

- Biology (*cum laude*), SUNY College at Genesco
- Minors: Chemistry and Anthropology

## CERTIFICATIONS

Diplomate, American Board of Forensic Anthropology (Certificate #144), February 2020

## PROFESSIONAL EXPERIENCE

### Professorships

2019 – Present: Assistant Professor, Anthropology, University of Nevada, Las Vegas  
2019 – 2020: Associate Professor, Anthropology, University of Hawai'i–West O'ahu  
2014 – 2019: Assistant Professor, Anthropology, University of Hawai'i–West O'ahu

### Consulting Positions

2020 – Present: Forensic Anthropologist, Clark County Office of the Coroner/Medical Examiner.  
2015 – 2019: Forensic Anthropologist, City & County of Honolulu Medical Examiner's Office  
2016 – 2019: Forensic Anthropologist, Kauai Police Department.  
2017: Expert Witness, City & County of Honolulu Department of the Prosecuting Attorney. Grand Jury.  
2018 – 2019: Human Osteologist, Dudek.  
2016 – 2019: Human Osteologist, Scientific Consulting Services.  
2013: Human Osteologist, Panamerican Consultants.

2011: Human Osteologist, SUNY College at Oswego.

### Other

Graduate Research Assistant (2013): Under the direction of Dr. Joyce Sirianni. Erie County Poorhouse Cemetery Project, SUNY at Buffalo. Assisted with the salvage excavation, curation, and analysis of the remains of approximately 400 individuals buried in a 19<sup>th</sup> and early 20<sup>th</sup> century poorhouse cemetery in Buffalo, NY. Duties included cleaning, inventory, management, analysis, and training of undergraduate and graduate students.

Zooarchaeology Assistant (2007): Under the direction of Dr. Marie L. Pipes, RPA. South Ferry Terminal Project. Assisted with analysis and cataloging a 17<sup>th</sup> to 19<sup>th</sup> century collection from in Lower Manhattan. Collection was mostly animal remains, but also contained human remains

Director of Comparative Primate Anatomy: SUNY at Buffalo, August 2006 – June 2010. Supervision of undergraduate students in the laboratory, guest lecturing, embalming, macerating, dissections, grading, lab maintenance, and specimen acquisition for the laboratory.

## TEACHING EXPERIENCE

### Areas of Specialization

- Bioarchaeology
- Human Skeletal Biology
- Comparative Primate Anatomy and Osteology
- Disability Theory
- Forensic Anthropology

### Courses Taught at the University of Nevada, Las Vegas

- Bones, Bodies, and Trauma: Forensic Studies in Anthropology (Remote and In-Person Instruction)
- Human Osteology (Remote Instruction and In-Person Instruction)
- Introduction to Biological Anthropology (Online Instruction)
- New Approaches in Biocultural Methods and Theory: Bioarchaeology of Disability and Impairment (In-Person Graduate Seminar)
- Research Design, Professional Ethics, and Grant Writing for Anthropologists

### Courses Taught at the University of Hawai'i – West O'ahu

- Emerging Humanity
- Human Ecological Adaptations (Online Instruction)
- Biological Anthropology and Lab
- Forensic Anthropology
- Senior Practicum/Projects
- Human Skeletal Biology and Lab

### Courses Taught at the University at Buffalo

- Introduction to Physical Anthropology
- Bioarchaeology

- Forensic Anthropology Osteology

#### Courses Taught at Genesee Community College

- Forensic Anthropology

#### Courses Assisted with as a Graduate Teaching Assistant at the University at Buffalo

- Introduction to Anthropology
- Introduction to Physical Anthropology
- Forensic Anthropology Osteology
- Gross Human Anatomy
- Comparative Primate Anatomy

### FELLOWSHIPS & VISITING POSITIONS

- Fall 2011: **Fellow, Joint POW/MIA Accounting Command, Central Identification Laboratory (JPAC CIL), Forensic Science Academy (FSA).** Received advanced training in forensic anthropology and archaeology field and laboratory work, including assistance with a recovery mission at a Vietnam War-era site.
- May 2011: **Visiting Scientist, Forensic Anthropology unit of the Office of the Chief Medical Examiner, New York City.** Participated in regular day-to-day operations such as assisting with forensic casework, making and reading bone histology slides, assisting with field/crime scenes involving skeletal remains, and maceration of human remains for analysis.

### PUBLICATIONS

#### Edited Volumes

- 2022: **Byrnes, JF** and I Sandoval-Cervantes. *The Marginalized in Death: A Forensic Anthropology of Intersectional Identity in the Modern Era.* Lexington Books.
- 2017: **Byrnes, JF** and JL Muller. *Bioarchaeology of Impairment and Disability: Theoretical, Ethnohistorical, and Methodological Perspectives.* Part of the series “Bioarchaeology and Social Theory” edited by Debra Martin. Springer International Inc.: Cham.

#### Journal Articles & Book Chapters

(PR) = Peer Reviewed

- 2024 (PR) Gaddis, K, K Woollen, LJ Johnson, T Flaherty, and **JF Byrnes.** A Structural Vulnerability Approach to Older Adult Suicides: Trends and Potential Impact of the COVID-19 Pandemic in Clark County, NV (2017-2021). *Forensic Science International: Synergy.* [https:// doi.org/10.1016/j.fsisyn.2024.100454](https://doi.org/10.1016/j.fsisyn.2024.100454).
- 2024 (PR) Flaherty, T and **JF Byrnes.** Technical Note: Individuals Identified by Radiographic Comparison: A Sample of Demographics and the Region of Body Used for Identification in Clark County, Nevada, USA (2017 - 2020). *Forensic Science International.* <https://doi.org/10.1016/j.forsciint.2024.111933>

- 2023 (PR) Flaherty, TM, LJ Johnson, K Woollen, D Lopez, K Gaddis, S Horsley, and **JF Byrnes**. Speaking of Sex: Critical Reflections for Forensic Anthropologists. *Humans* 3: 251-270.
- 2023 (PR) Flaherty, T, **JF Byrnes**, and A Maddalena. Misgendering a Transgender Woman Using FORDISC 3.1: A Case Study. *Forensic Science International: Synergy* 7: 100342.
- Accepted (PR): **Byrnes, JF** and J Anvari. Chalcolithic Burials from Building 105 at Çatalhöyük, Turkey. In *A Chalcolithic Village in Anatolia – The West Mound at Çatalhöyük*, edited by Peter F. Biehl, Jana Anvari, and Eva Rosenstock. University of New Mexico Press.
- Accepted (PR): Doğu, A, D Kaptan, E Yüncü, K Gürün, KB Vural, M Chylenski, **JF Byrnes**, A Götherström, F Özer, and M Somel. Ancient DNA analyses of two Early Chalcolithic Individuals from the West Mound. In *A Chalcolithic Village in Anatolia – The West Mound at Çatalhöyük*, edited by Peter F. Biehl, Jana Anvari, and Eva Rosenstock. University of New Mexico Press.
- 2022 (PR): **Byrnes, JF** and KE Gaddis. ‘Sticks and Stones May Break My Bones’: Traumatic Injuries in Paleopathology. In *Routledge Handbook of Paleopathology*, edited by Anne Grauer. Routledge.
- 2022 (PR): **Byrnes, JF**, Belcher, WR, and KC Woollen. A Social Autopsy of Honolulu, Hawai‘i: Forensic Anthropology Case Files as an Archive of Marginalization. In *The Marginalized in Death: A Forensic Anthropology of Intersectional Identity in the Modern Era*, edited by Jennifer F. Byrnes and Iván Sandoval-Cervantes. Lexington Books.
- 2022 (PR): **Byrnes, JF** and JL Muller. A Child Left Behind: Malnutrition and Chronic Illness of a Child from the Erie County Poorhouse Cemetery. *International Journal of Osteoarchaeology* 32(5): 1035-1048.
- 2021 (PR): **Byrnes, JF** and WR Belcher. Multi-Agent Scavenging Patterns in Hawai‘i: A Forensic Archaeological and Skeletal Case Study. *Science & Justice* 61(6): 723734.
- 2020 (PR): Muller, JL, **JF Byrnes**, and DA Ingleman. The Erie County Poorhouse (1828-1926) as a Heterotopia: A Bioarchaeological Perspective. In *The Bioarchaeology of Structural Violence: A Theoretical Framework for Industrial Era Inequality*, edited by Lori A. Tremblay and Sarah Reedy. Springer Press.
- 2019 (PR): Stodder, ALW and **JF Byrnes**. (Re)Discovering Paleopathology: Integrating Individuals and Populations in Bioarchaeology. In *Evaluating Evidence in Biological Anthropology: The Strange and the Familiar*, edited by Cathy Willermet and Sang-Hee Lee. Cambridge University Press.
- 2019: Hefner, JT and **JF Byrnes**. Globalization, Transnationalism, and the Analytical Feasibility of Ancestry Estimation. In *Case Studies in Forensic Anthropology*:

*Bonified Skeletons*, edited by Heather Garvin and Natalie Langley. CRC/Routledge Press.

- 2017 (PR): **Byrnes, JF**. Injuries, Impairment, and Intersecting Identities: The Poor in Buffalo, NY 1851-1913. In: JF Byrnes and JL Muller (Eds.), *Bioarchaeology of Impairment and Disability: Theoretical, Ethnohistorical, and Methodological Perspectives*. Cham: Springer.
- 2017: **Byrnes, JF** and JL Muller. Mind the Gap: Bridging Disability Studies and Bioarchaeology- An Introduction. In JF Byrnes and JL Muller (Eds.), *Bioarchaeology of Impairment and Disability: Theoretical, Ethnohistorical, and Methodological Perspectives*. Cham: Springer.
- 2017 (PR): **Byrnes, JF**, MW Kenyhercz, and GE Berg. Examining Inter-observer Reliability of Metric and Morphoscopic Characteristics of the Mandible. *Journal of Forensic Sciences* 62(4): 981-985.
- 2016 (PR): **Byrnes, JF** and PJ Bush. Practical Considerations in Trace Element Analysis of Bone Using Portable X-ray Fluorescence. *Journal of Forensic Sciences* 61(4): 1041-1045.
- 2012 (PR): **Byrnes, JF**, DA Merriwether, JE Sirianni, and EJ Lee. mtDNA and Osteological Analyses of an Unknown Historical Cemetery from Upstate New York. *Archaeological and Anthropological Sciences* 4(4): 303-311.

#### Other:

- 2018: **\*Byrnes, JF**. "Not As-Seen-On-TV Forensic Anthropology." *Anthropology News* website. Invited Guest Essay for *Anthropology in the Public Sector Opinion Column*. \*Top Opinion article of 2018 in *Anthropology News*.
- 2009: JE, J Randall, photographer/layout, **JF Byrnes**, editor, S Carroll-Quinby, Illustrator. *Comparative Primate Anatomy Laboratory Manual and Atlas*.

## FIELD EXPERIENCE

- 2009 – 2012: Field Excavator at Çatalhöyük Research Project, Turkey. Director: Dr. Ian Hodder. Assisted with excavation of a section of the West Mound, under the direction of Dr. Peter Biehl, as well analysis of human remains under the direction of Dr. Clark Larsen. Responsible for the excavation and analysis of human remains recovered from either the West or East Mound, including Neolithic and Chalcolithic burials and particularly the later period burials (Roman, Byzantine, Islamic).
- 2008 – 2012: Archaeologist Field Technician (part time) at the University at Buffalo Archaeology Survey. Director: Dr. Douglas Perrelli. Assisted with Phase I surveys and Phase III excavations in western New York State. Duties included excavation, profiling, screening, and surveying.
- 2010: Archaeologist Field Technician at Fisher Associates in Rochester, NY, under the direction of Dr. Ann Morton. Assisted with archaeology field projects including the Thruway Department of Transportation (MP284) location in Syracuse, NY; and the

Roycroft (Roy10) project in East Aurora, NY. Duties included managing the laboratory, creating a database system, and fieldwork.

2009: Specialized Medical Assistance Response Team (SMART) Erie County Emergency Response Volunteer, Mortuary Services. Assisted with the recovery of human remains in the aftermath of the Continental Flight 3407 crash site in Clarence, NY.

## **ORGANIZED CONFERENCE SYMPOSIA**

2021: Toward the Margins: *Accounting for the Marginalized in Forensic Anthropology*. Executive Podium Session. Organizer and Chair: Jennifer Byrnes. Co-chair: Iván Sandoval-Cervantes. 120<sup>th</sup> Annual Meetings of the American Anthropological Association, Baltimore, MD. \*Meeting rescheduled to 2021 due to COVID-19\*.

2015: Embodying Impairment: Towards a Bioarchaeology of Disability. Chair and co-organizer with JL Muller and J Bethard. 84<sup>th</sup> Annual Meetings of the American Association of Physical Anthropology, St. Louis, MO.

## **SELECT PROFESSIONAL MEETING PRESENTATIONS**

§ Includes student author/trainee

§ 2024: **Byrnes, JF**, Gocha, T, Farahani, A, Dolan, A, Flaherty, TM, Giacomello, E, Herbert, T, Horsley, S, Moe, M, Monticello, T, and J Sernas. The Validity of Radiographic Comparisons: Preliminary Findings by Body Region. Paper presentation accepted for the 76<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences in Denver, CO.

§ 2024: Lopez, D, Ralston, C, and **JF Byrnes**. It's a Dry Heat: Testing Existing Postmortem Interval (PMI) Equations in Clark County, Nevada. Poster presentation accepted for the 76<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences in Denver, CO.

§ 2023: Gaddis, KE, **Byrnes, JF**, Woollen, K, Johnson, L, and TM Flaherty. A Structural Vulnerability Approach to Older Adult Suicides: Trends and Potential Impact of the COVID-19 Pandemic in Clark County, NV (2017-2021). Podium presentation at the 41st annual Mountain Desert and Coastal Forensic Anthropology conference, May 31- June 1, 2023, Boulder City, NV.

§ 2023: Horsley, SL, and **JF Byrnes**. A Meta-Analysis of Clark County, NV Forensic Anthropology Cases: Exploratory Application of the Skeletal Frailty Indices to Build a Structural Vulnerability Profile. Podium presentation at the 41st annual Mountain Desert and Coastal Forensic Anthropology conference, May 31- June 1, 2023, Boulder City, NV.

§ 2023: Edmonds, ER, Stansbury, KS, Freiburger, JC, Woollen, K, Gaddis, K, and **JF Byrnes**. Two case studies of subadult cranial pathology from Durango, Mexico. Poster presentation at the 50<sup>th</sup> Annual Meeting of the Paleopathology Association in Reno, NV.

- § 2023: Woollen, K, White, CN, and **JF Byrnes**. Anatomization and medicalization of subadult remains from the Milwaukee County Poor Farm Cemetery (1882-1925). Poster presentation at the 50<sup>th</sup> Annual Meeting of the Paleopathology Association in Reno, NV.
- § 2023: Lopez, D, and **JF Byrnes**. Dis/abled: Amputees from the Erie County Poorhouse Historic Cemetery as an Example of Life-Saving Measures. Poster presentation at the 50<sup>th</sup> Annual Meeting of the Paleopathology Association in Reno, NV.
- § 2023: **Byrnes, JF**, Mirabal Torres, SE, Johnson, LJ, Horsley, SL, Flaherty, TM, and D Lopez. New Tricks, Old Bones: Reassessing Assigned Sex at Birth Estimations of the Erie County Poorhouse Cemetery using MorphoPASSE. Podium presentation at the 92nd Annual Meeting of the American Association of Biological Anthropologists in Reno, NV.
- § 2023: Woollen, K, White, CN, and **JF Byrnes**. A Social Autopsy of Maternal and Fetal Mortality Rates from the Milwaukee County Poor Farm Cemetery (1882-1925). Poster presentation at the 92nd Annual Meeting of the American Association of Biological Anthropologists in Reno, NV.
- § 2023: Lopez, D, and **JF Byrnes**. The Postmortem Agency of Undocumented Migrants: Potential Risks with Applying a Structural Vulnerability Framework. Podium presentation at the 92nd Annual Meeting of the American Association of Biological Anthropologists in Reno, NV.
- § 2023: Woollen, K, and **JF Byrnes**. Applying a Social Autopsy Theoretical Framework to Bioarchaeological Analyses. Podium presentation at the 88<sup>th</sup> Annual Meeting of the Society of American Archaeology in Portland, OR.
- § 2022: Johnson, LJ, **Byrnes, JF**, and KC Woollen. Unclaimed Persons: Becoming Object and their Distinction from Unidentified Persons. Podium presentation at the 5<sup>th</sup> Annual Integrative Anthropology Conference, Orlando, FL.
- § 2022: Gocha, TP, **Byrnes, JF**, Moe, M, and J Goldstein. Buckle Rib Fractures: More than a Pleural Surface Phenomenon. Podium presentation at the 40th annual Mountain Desert and Coastal Forensic Anthropology conference, June 1-2, 2022, Boulder City, NV.
- § 2022: Johnson, L, Flaherty, T, Lopez, D, Woollen, K, Gaddis, K, and **JF Byrnes**. Blackjack! The UNLV FAB Lab's 21 Forensic Anthropology Cases. Podium presentation at the 40th annual Mountain Desert and Coastal Forensic Anthropology conference, June 1-2, 2022, Boulder City, NV.
- 2022: **Byrnes, JF**, Gocha, TP, and A Farahani. Investigating the Reliability and Validity of Radiographic Comparisons for Positive Identification. Podium presentation at the 40th annual Mountain Desert and Coastal Forensic Anthropology conference, June 1-2, 2022, Boulder City, NV.
- § 2022: Mirabal Torres, SE, and **JF Byrnes**. Blood on the Brain: A Preliminary Investigation of Endocranial Reactions in the Erie County Poorhouse Cemetery.

Poster presentation at the 91st Annual Meeting of the American Association of Biological Anthropologists, Committee on Diversity Undergraduate Research Symposium in Denver, CO.

- § 2022: Layne, S, Gaddis, K, **Byrnes, JF**, and J Sirianni. Disability and Impairment of the Hand: Trauma Analysis of the Erie County Poorhouse Cemetery. Poster presentation at the 49<sup>th</sup> Annual Meeting of the Paleopathology Association in Denver, CO.
- § 2022: Flaherty, T, Dizon, A, **Byrnes, JF**, Blatt, S, Isa, M, and A Michael. An Analysis of Lethal Anti-Transgender Violence and Forensic Disempowerment using the Transgender Day of Remembrance Database. Podium presentation at the 91st Annual Meeting of the American Association of Biological Anthropologists in Denver, CO.
- § 2022: Woollen, K, **Byrnes, JF**, Gaddis, K, Phillips, J, and J Sirianni. Tibial subperiosteal new bone formation: a comparative analysis of two western New York State poorhouses. Poster presentation at the 91st Annual Meeting of the American Association of Biological Anthropologists in Denver, CO.
- § 2022: Flaherty, T, Strayer, C, Dizon, A, and **JF Byrnes**. Enhancing Postmortem Care for Transgender Decedents: An Analysis of Global Violence and Forensic Methodologies. Poster presentation at the 73rd Annual Meeting of the American Academy of Forensic Sciences in Seattle, WA.
- § 2022: Gaddis, K, and **JF Byrnes**. Older Adult Suicides in Clark County, Nevada (2017/2021): Trends and Potential Impact of the COVID-19 Pandemic. Poster presentation at the 73rd Annual Meeting of the American Academy of Forensic Sciences in Seattle, WA.
- § 2022: Woollen, K, and **JF Byrnes**. A Retrospective Analysis of Scavenging in Southern Nevada Forensic Anthropology Cases (2000-2021). Poster presentation at the 73rd Annual Meeting of the American Academy of Forensic Sciences in Seattle, WA.
- 2021: **Byrnes, JF**, and WR Belcher. Homelessness, Mental Illness, and Race: Forensic Anthropology Case Files as an Archive of Marginalization in Honolulu, Hawai‘i. Invited podium presentation at the 120<sup>th</sup> Annual Meetings of the American Anthropological Association, Baltimore, MD. \*Meeting rescheduled due to COVID-19\*.
- § 2021: Gaddis, K., **JF Byrnes**, and J.E. Sirianni. Anthropological Analysis of Vertebral Trauma from the Erie County Poorhouse Cemetery. Poster presentation at the 48<sup>th</sup> Annual Virtual Meeting of the Paleopathology Association.
- § 2021: Flaherty, T, **JF Byrnes**, and J.E. Sirianni. Analysis of Rib Trauma in the Erie County Poorhouse Cemetery Assemblage. Poster presentation at the 48<sup>th</sup> Annual Virtual Meeting of the Paleopathology Association.
- § 2021: **Byrnes, JF**, KE Gaddis, and J.E. Sirianni. Intersecting Identities and Trauma in the Erie County Poorhouse Cemetery (1851-1913). Poster presentation at the 48<sup>th</sup> Annual Virtual Meeting of the Paleopathology Association.



- 2019: **Byrnes, JF**, WR Belcher, and C Mello. Beyond the Biological Profile: Forensic Anthropology Casework Demographic Trends in Hawai‘i. Poster presentation at the 71<sup>st</sup> Annual Meeting of the American Academy of Forensic Sciences in Baltimore, MD.
- 2018: Muller, JL, **JF Byrnes**, DA Ingleman. Crisis or Deviance?: The Erie County Poorhouse as a Heterotopia. Invited poster presentation at the 87<sup>th</sup> Annual Meeting of the American Association of Physical Anthropology in Austin, TX.
- § 2018: Carreira, RK, **JF Byrnes**, and WR Belcher. Scavenging Patterns in Hawai‘i: An Archaeological and Skeletal Case Study. Poster presentation at the 70<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences in Seattle, WA.
- 2017: **Byrnes, JF**, and K Knowles. Revisiting Avulsion Fractures: Bioarchaeological Methods and Interpretations. Paper presentation at 44<sup>th</sup> Annual Meeting of the Paleopathology Association in New Orleans, LA.
- 2017: **Byrnes, JF**. Building America on Broken Bones: Comparative Analysis of Antemortem Fracture Patterns of Three Contemporary American Poorhouse Cemeteries. Poster presentation at 86<sup>th</sup> Annual Meetings of the American Association of Physical Anthropology in New Orleans, LA.
- § 2016: **Byrnes, JF**, MW Kenyhercz, SC Torres, and GE Berg. Examining Inter-observer Reliability of Metric and Morphoscopic Characteristics of the Mandible. Paper presentation at the 68<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences in Las Vegas, NV.
- 2015: **Byrnes, JF**. Injuries and Intersecting Identities: Physical Impairments of the Poor in 19<sup>th</sup> Century Buffalo, NY. Invited poster presentation at 84<sup>th</sup> Annual Meetings of the American Association of Physical Anthropology in St. Louis, MO.
- 2015: **Byrnes, JF**, KG Allen, and JL Muller. ‘Please Sir, I want some more:’ Malnutrition and Chronic Illness of a Child from the Erie County Poorhouse Cemetery. Poster presentation at 42<sup>nd</sup> Annual Meeting of the Paleopathology Association in St. Louis, MO.
- 2014: **Byrnes, JF**. (Dis)Ability and Traumatic Injuries of the Poor: An Analysis of Morbidity and Mortality in the Erie County Poorhouse Cemetery. Invited poster presentation at 83<sup>rd</sup> Annual Meetings of the American Association of Physical Anthropology in Calgary, Alberta, CA.
- 2014: Allen, KG, RL Higgins, and **JF Byrnes**. 2014. Immigrants in America: Experiences with Tuberculosis Amongst Buffalo’s Poor. Invited poster presentation at 83<sup>rd</sup> Annual Meetings of the American Association of Physical Anthropology in Calgary, Alberta, CA.
- 2014: Sirianni, JE, RL Higgins, and **JF Byrnes**. Paleopathology and the Poor: Comparing Historical Records of Morbidity and Mortality to Skeletal Paleopathology in the Erie County Poorhouse Cemetery. Invited poster presentation at 83<sup>rd</sup> Annual Meetings of the American Association of Physical Anthropology in Calgary, Alberta, CA.

- 2014: Sirianni, JE, **JF Byrnes**, and JK Odien. Osteoblastic Intracranial Meningioma *En Plaque*: A Curious Case from the Erie County Poorhouse Cemetery. 41<sup>st</sup> Annual Meeting of the Paleopathology Association in Calgary, Alberta, CA.

## WORKSHOP PARTICIPATION

- 2022: **Instructor**, Radiographic Comparisons for Forensic Anthropologists. California State University, Chico. Introduction to radiographs, common body regions, and tips/tricks for various experience levels in forensic anthropology.
- 2017 – 2019: **Instructor**, *The Human Skeleton in Forensic Anthropology and Medicine*. John A. Burns School of Medicine, Outreach College, University of Hawai‘i. Trained students and professionals in archaeological recovery methods.
- 2018: **Participant**, “Macromorphoscopic (MMS) Traits: Data Collection and Analysis” and “Data Standards, Archiving, and Analytics in Forensic Anthropology,” American Association of Forensic Anthropology in Seattle, WA. Received hands-on training to incorporate current research methods and techniques in my teaching and research.
- 2011: **Speaker/Instructor**, Khon Kaen, University Forensic Osteology Workshop. Department of Anatomy, Faculty of Medicine, Khon Kaen University, Khon Kaen Thailand. Trained faculty in osteological methods, as well as gave an invited research podium presentation.
- 2011: **Participant**, “Trauma II” and “Field Challenges-Mass Disaster Recovery/Mass Grave Excavation”, Syracuse University Dialogues in Forensic Science Workshops. The NIJ Project in Forensic Anthropology.
- 2011: **Teaching Assistant**, Forensic Anthropology module, “Forensic Specialties in Death Investigation.” Forensic Sciences Training Program at the Office of the Chief Medical Examiner, New York City.

## INVITED LECTURES

- 2022: “The Marginalized in Death: Reimaging Forensic Anthropology Data.” Introduction to Forensic Anthropology class (virtual), November 18, Southern Utah University.
- 2022: “The Marginalized in Death: Reimaging Forensic Anthropology Data.” 19th Annual Chico Forensic Conference, November 5-6 at California State University, Chico.
- 2019: “What it means to be a forensic anthropologist.” College of Southern Nevada, Forensic Anthropology Summit.
- 2015: “Injuries, Impairments, and Intersecting Identities: The Poor in Buffalo, NY 1851-1913.” University of Hawai‘i at Mānoa, Department of Anthropology, Colloquium Series.

## **PROFESSIONAL DEVELOPMENT**

- 2016-2017: Participant in the President's Emerging Leaders Program (PELP), University of Hawai'i System. Leadership development training in higher education.
- 2015: Participant in Introductory track. Process Oriented Guided Inquiry Learning (POGIL) Northwest Regional Workshop. Funded by the UHWO Center for Teaching and Learning Excellence.
- 2015: Participant, Early Career Women's Professional Development Workshop. Sponsored and hosted by the American Association of Physical Anthropologists Committee on Diversity Women's Initiative (AAPA COD-WIN).

## **EXTERNAL FEDERAL GRANT FUNDING**

National Science Foundation, Biological Anthropology - Doctoral Dissertation Research Improvement Grant NSF 18-504 (BA-DDRIG)

- Status: Awarded
- Title: Doctoral Dissertation Research: An Examination of Aging and the Elderly in Bioarchaeological Contexts.
- Amount: \$20,131
- PI: Dr. Jennifer Byrnes
- Co-PI: Katherine Gaddis
- Grant Period: April 1, 2023 – March 31, 2025

National Institute of Justice, Award Number 15PNIJ-21-GG-04165-SLFO, Research and Development in Forensic Science for Criminal Justice Purposes.

- Status: Awarded
- Title: Reliability and Validity of Radiographic Comparisons for Positive Identification.
- Amount: \$567,684
- PI: Dr. Jennifer Byrnes (UNLV)
- Co-PI: Dr. Timothy Gocha (Texas State University)
- Grant Period: January 1, 2022 – September 30, 2024

National Science Foundation, Tribal Colleges and Universities Program Solicitation 18-546. Targeted STEM Infusion Project (NSF TCUP TSIP)

- Status: Awarded
- Title: Enhancing Discovery-based Learning in STEM Education by Integrating Augmented Technology and Culture-Based Pedagogy.
- Amount: \$498,340
- PI: Dr. Rebecca Romine (UHWO)
- Co-PI: Dr. Jennifer Byrnes (UHWO)
- Grant Period: July 1, 2019 – June 30, 2022

## **INTERNAL GRANT FUNDING**

UNLV Doctoral Graduate to Postdoctoral Scholar Fellowship Program. University of Nevada, Las Vegas.

- Status: Awarded
- Postdoctoral Scholar: Dr. Clairia Ralston
- Amount: \$42,800
- PI: Jennifer Byrnes
- Grant Period: July 2023 – June 2024

Top Tier Doctoral Graduate Research Assistantship (TTDGRA) Grant. University of Nevada, Las Vegas.

- Status: Awarded
- Title: Named and Unnamed: A Social Autopsy of Nevada's Missing and Unidentified.
- Amount: ~\$93,500
- PI: Jennifer Byrnes
- Grant Period: August 2023 – May 2026

Faculty Opportunity Award. University of Nevada, Las Vegas. FY 2021.

- Status: Awarded
- Title: Reliability and Validity of Radiographic Comparisons for Positive Identification.
- Amount: \$19,940
- PI: Jennifer Byrnes
- Grant Period: July 1, 2021 – June 30, 2022

## **SELECT AWARDS & SCHOLARSHIPS**

- 2023: Regents' Rising Researcher Award. Board of Regents, Nevada System of Higher Education.
- 2019: Regents' Medal for Excellence in Teaching. Board of Regents, University of Hawaii System.
- 2013: Graduate Research Scholarship Award: \$500. Department of Anthropology, SUNY at Buffalo.
- 2012: Graduate Student Conference Travel Grant: \$500. Graduate Student Association, SUNY at Buffalo.
- 2012: Opler Dissertation Writing/Research Scholarship: \$5,000. Department of Anthropology, SUNY at Buffalo.
- 2012: Graduate Research Scholarship Award: \$500. Department of Anthropology, SUNY at Buffalo.
- 2012: William S. Pollitzer Student Travel Award: \$500. American Association of Physical Anthropologists.
- 2011: Mark Diamond Research Foundation Grant #SU-11-02: \$1000. Graduate Student Association, SUNY at Buffalo.

- 2011: Graduate Research Scholarship Award: \$500. Department of Anthropology, SUNY at Buffalo.
- 2010 – 2011: Excellence in Teaching Award, Honorable Mention. Graduate School, SUNY at Buffalo.
- 2008: Mark Diamond Research Foundation Grant #Sp-08-04: \$990. Graduate Student Association, SUNY at Buffalo.
- 2006 – 2011: Graduate Teaching Assistantship. Department of Anthropology, SUNY at Buffalo.
- 2006 – 2010: Graduate Tuition Scholarship. College of Arts and Sciences, SUNY at Buffalo.
- 2006 – 2010: College Fellowship. College of Arts and Sciences, SUNY at Buffalo.

## **PROFESSIONAL SERVICE**

### **Referee:**

- *Advances in Archaeological Practice*
- *American Anthropologist*
- *American Antiquity*
- *American Journal of Biological Anthropology*
- *Bioarchaeology International*
- *Explorations: An Open Invitation to Biological Anthropology* (1<sup>st</sup> and 2<sup>nd</sup> editions)
- *Forensic Anthropology*
- *Forensic Science International: Synergy*
- *International Journal of Osteoarchaeology*
- *International Journal of Paleopathology*
- *WIREs Forensic Science*

### **Grant Reviewer:**

- 2020: Austrian Science Fund (FWF)

## **POPULAR MEDIA COVERAGE**

- ABC 20/20 (May 4, 2023)
- The Guardian (December 31, 2022)
- KLAS 8NewsNow (CBS Affiliate, October 17, 2022)
- CBS News (June 20, 2022)
- New York Times (May 20, 2022)
- UNLV Division of Research newsletter (May 13, 2022)
- Las Vegas Review Journal (May 13, 2022)
- KTNV Channel 13 News Las Vegas (ABC Affiliate, May 5, 2022)
- Insider (May 5, 2022)

## **UNLV GRADUATE COMMITTEE SERVICE**

### **PhD Committee Chair:**

- Taylor Flaherty: In Progress (ABD)
- Katherine Gaddis: In Progress (ABD)
- Liam Johnson: In Progress

- Dayanira Lopez: In Progress
- Kathleen Stansbury: In Progress
- Katharine Woollen: In Progress (ABD)

#### PhD Committee Member:

- Emily Edmonds: In Progress
- J. Cristina Freiburger: In Progress (ABD)
- Brianna Heisler: In Progress

#### MA Committee Chair:

- Roxayn Povidas: Completed Spring 2021
- SaMoura Horsley: In Progress

#### MA Committee Member:

- Melina Luu: Completed Spring 2022
- Emily Edmonds: Completed Spring 2021
- Brianna Heisler: Completed Fall 2020

### **UNLV UNDERGRADUATE MENTORSHIP**

- Sydney Layne: UNLV OUR Undergraduate Research Mentor-Mentee Program (MMP), 2021 Undergraduate Research Stimulus Program.
- Silvio E. Mirabal Torres: UNLV Summer Research Institute for McNair Scholars. Summer 2021.
- Jordan Phillips: Research Internship. Spring 2021. *Preliminary analysis of periosteal reaction of the tibia in the Erie County Poorhouse Cemetery (1851-1913)*. Presented at OUR Spring 2021 symposium.

### **UNLV DEPARTMENT OF ANTHROPOLOGY SERVICE**

- Fall 2023 – Present: Graduate Assessment Committee, Chair
- Fall 2023 – Present: Collections and Curation Committee, Co-Chair
- Fall 2023 – Present: Graduate Admissions Committee
- Fall 2022 – Spring 2023: Bylaws Committee
- 2021; Fall 2022 – Spring 2023: Undergraduate Assessment Committee Member
- 2021: Budget Committee Member
- 2020 to 2021; Fall 2022 – Present: *Lambda Alpha* National Honor Society Faculty Advisor
- 2020 to 2021: Undergraduate Curriculum Committee Member
- 2019 to 2021; Fall 2022- Present: NAGPRA Committee Member
- 2019 to 2020: Part-Time Instructor Committee Member

### **PROFESSIONAL & SCHOLARLY SOCIETY MEMBERSHIP**

- American Anthropological Association
- American Association of Biological Anthropologists
- Paleopathology Association
- American Academy of Forensic Sciences, Fellow, Anthropology section

- *Tri-Beta* National Biological Honor Society
- *Lambda Alpha* National Honor Society