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ACADEMIC POSITIONS

Full Professor, Department of Anthropology, Purdue University, 2017-present

Associate Professor, Department of Anthropology, Purdue University, 2010-2017.

Assistant Professor, Department of Anthropology, Purdue University, 2007-2010.

Instructor, Honours Thesis Supervisor, Department of Archaeology, University of Calgary, 2006-2007.

Postdoctoral Fellow, Instructor, Department of Anthropology, University of Alberta, 2004-2006.

Teaching Associate, Department of Anthropology, UCSB, 2004.

Teaching Assistant, Department of Anthropology, UCSB, 2001, 2002.

Laboratory Manager, Biological Anthropology Laboratory, Loyola University Chicago, 1996-1998.

RESEARCH INTERESTS

Bioarchaeology, Paleopathology, Culture Contact, Biological and Ethnic Identity, Environmental Stress, Isotope Analysis, Nubia, Egypt, Community Engagement

EDUCATION

Killam Postdoctoral Fellowship, Department of Anthropology, University of Alberta, 2004-2006.

Project: "Strontium Isotope Analysis of Migration in the Nile Valley."

Supervisors: Dr. Nancy Lovell, Dr. Sandra Garvie-Lok.

Ph.D. in Anthropology, University of California, Santa Barbara, 2004.

Dissertation: "A Bioarchaeological Perspective on State Formation in the Nile Valley."

Supervisor: Dr. Phillip L. Walker

M.A. in Anthropology, University of California, Santa Barbara, 2000.

Supervisor: Dr. Phillip L. Walker

B.S. Honors in Anthropology, Magna Cum Laude, Loyola University Chicago, 1996.

RESEARCH AWARDS

Purdue University College of Liberal Arts Discovery Excellence Award, 2018

Purdue University Lu Ann Aday Award, 2017

Purdue University Faculty Scholar, Purdue University, 2014-2019.

EXTRAMURAL FUNDING

Specialist Award, Fulbright Foreign Scholarship Board (workshop), 2022 (postponed). *Bioarchaeology Research Training* (with Dr. Mohamed Faroug Ali, International University of Africa, Khartoum, Sudan).

Engaged Research Grant, Wenner-Gren Foundation (\$19,995), 2022-2023. *Towards community-engaged archaeology: putting the people at the center of archaeology at Tombos, Sudan*. (Supervisor to PhD student Jenail Marshall).

Senior Research Grant, BCS-1916719, National Science Foundation Archaeology (\$60,810), 2019-2023. *Collaborative Research: Assessing the Impact of Holocene Climate Change on Bioavailable Strontium Within the Nile River Valley*. (co-PI Antonio Simonetti).

The Work of the Humanities in a Changing Climate, Humanities Without Walls, (\$24,395), 2018-2021. *Coping with Changing Climate in Early Antiquity: Comparative Approaches between Empiricism and Theory* (collaborative grant with University of Chicago Oriental Institute, University of Michigan).

Senior Research Grant, BCS-1359210, National Science Foundation Archaeology, Biological Anthropology, and Interdisciplinary Behavioral and Social Sciences, (\$135,273), 2014-2017. *Collaborative Research: Impact and Accommodation Through Cultural Contact* (co-PI Stuart Tyson Smith).

Dissertation Improvement Grant, BCS-1128950, National Science Foundation Biological Anthropology (\$19,849), 2011-2013. *Doctoral Dissertation Research: Bioarchaeological Analysis of Diet and Activity Patterns in the Nile Valley* (co-PI Sarah Schrader).

Senior Research Grant, BCS-0917815, National Science Foundation Archaeology, (\$74,408), 2009-2011. *Collaborative Research: A Bioarchaeological Investigation of Identity Development during Napatan State Formation* (co-PI Stuart Tyson Smith).

Franklin Research Grant, American Philosophical Society, (\$5,000), 2009. *A Bioarchaeological Examination of Identity and Migration in Ancient Nubia during the Formation of the Napatan State*.

Professional Development Grant, American Association of Physical Anthropologists (\$5,000), 2009. *A Bioarchaeological Investigation of Identity Development during Napatan State Formation*.

Committee for Research and Exploration Grant, National Geographic Society (\$20,000), 2009. *A Bioarchaeological Investigation of Napatan State Development at the Third Cataract*.

Franklin Research Grant, American Philosophical Society (\$3,000), 2005. *Isotope Analysis of Migration and Diet in New Kingdom Nubia*.

Izaak Walton Killam Memorial Postdoctoral Fellowship, Killam Trust (CAD\$40,000/year, plus CAD\$4,000 in research/travel funds), 2004-2006.

Dissertation Improvement Grant, BCS-0313247, National Science Foundation Biological Anthropology (\$12,000), 2003-2004. *A Bioarchaeological Perspective on State Formation in the Nile Valley* (PI Phillip Walker).

Research Grant, Institute for Bioarchaeology, funded the transport of Tombos skeletal material from Sudan to UCSB for Ph.D. research and curation (\$10,000), 2002.

Graduate Research Fellowship, National Science Foundation, (\$53,000 over three years + fees, \$1,000 int'l research travel allowance, plus \$6,000 in research funds from UCSB), 1998-2000, 2003.

INTRAMURAL FUNDING

Global Synergy Research Grant, Purdue University, (\$24,978), 2020.
Exploratory Research in the Social Sciences Grant, Purdue University, (\$52,030), 2019-2020.
Purdue Research Foundation Research Grant, Purdue University (Research assistantship), 2018-2019.
Purdue Research Foundation Research Grant, Purdue University (Research assistantship), 2016-2017.
Center for Social Sciences Fellowship, Purdue University, Spring 2017.
Office of the Vice President for Research Bridge Funding, Purdue University (\$48,045), 2014-2015.
Margo Katherine Wilke Undergraduate Research Internship project, Purdue University, 2011-19.
Purdue Research Foundation Research Grant, Purdue University (Research assistantship), 2011-2012.
Purdue Research Foundation Research Grant, Purdue University (Research assistantship), 2010-2011.
Purdue Alumni Association Research Incentive Grant, (\$3,000), 2009.
Teaching Incentive Grant, College of Liberal Arts, Purdue University (\$750), 2008.
Purdue Research Foundation Research Grant, Purdue University (Research assistantship), 2008-9.
Purdue Research Foundation Summer Faculty Grant, Purdue University (\$8,000), 2008.
Research Incentive Grant, College of Liberal Arts, Purdue University (\$1,000), 2007.
Dissertation Fellowship, Graduate Division, UCSB (\$5,000 + fees), 2004.
Graduate Fellowship, Graduate Division, UCSB (\$12,500/3 terms over two years + fees), 2002-2004.
Fee Fellowship, Dept. of Anthropology, UCSB (university fees), 2002-2003.
Albert Spaulding and Elman Service Memorial Fellowship, Dept. of Anthropology, UCSB (\$3,000), 2003.
Graduate Student Travel Grant, Graduate Division, UCSB (\$825), 2002.
Dissertation Proposal Writing Fellowship, Graduate Division, UCSB (\$4,000), 2002.
Intercampus Research Travel Grant, Academic Senate, UCSB (\$245), 2001.
Conference Mini-Travel Grant, Center for Middle East Studies, UCSB (\$500), 2001.
Humanities and Social Sciences Research Grant, UCSB, Pre-dissertation field site visit (\$2,000), 2001.
Presidential Scholarship, Loyola University Chicago (\$8,000/over four years), 1992-1996.

PUBLICATIONS

- Early Simonetti A, Buzon MR, Guilbault KA, Simonetti SS "The Role of Post-Mortem Alteration in Tooth Enamel Revisited." *Journal of Archaeological Science: Reports* 53.
<https://doi.org/10.1016/j.jasrep.2023.104323>
- Early Buzon MR, Loder RT, Joseph B, Whitmore KM. "Massive bone destruction in a proximal femur from ancient Nubia ." *Anthropologischer Anzeiger* DOI: 10.1127/anthranz/2023/1700
- Early Buzon MR, Simonetti A, Guilbault KA. "Exploring intersectional identities and geographic origins in ancient Nubia at Tombos, Sudan." *Bioarchaeology International* DOI: 10.5744/bi.2022.0029
- 2023 Buzon MR, Smith ST. "Tumuli at Tombos: Innovation, Tradition, and Variability in Nubia during the Early Napatan Period." *African Archaeological Review* 40:621–646.
<https://doi.org/10.1007/s10437-023-09524-x>
- 2023 Marshall J, Buzon MR. "Review: William Carruthers. *Flooded Past: UNESCO, Nubia, and the Recolonization of Archaeology*." (Ithaca: Cornell University Press, 2022). ISBN 978-1501766442. Pp. Xiii + 318. 29 black and white halftones, 2 maps. *Journal of the American Research Center in Egypt* 59:353-6.
- 2023 Simonetti A, Buzon MR, Simonetti SS, Guilbault KA, Kordofani MA, Miller NF. "Assessing the Impact of Holocene Climate Change on Bioavailable Sr Within the Nile River Valley:

- Geochemical and Radiogenic Isotope Perspectives." *Bioarchaeology International* 7(3): 211–233. DOI: 10.5744/bi.2022.0024
- 2023 Marshall, Jenail H.; Buzon, Michele. "Bioarchaeology in The Nile Valley." In *Oxford Research Encyclopedia of Anthropology*, edited by Shadreck Chirikure. Oxford University Press. <https://doi.org/10.1093/acrefore/9780190854584.013.562>
- 2023 Robbins Schug, G et al. "Perspective: Climate Change, Human Health, and Resilience in the Holocene." *PNAS* January 17, 2023 120 (4) e2209472120. <https://doi.org/10.1073/pnas.2209472120>
- 2022 Coon SN, Yu KE, McLaughlin WM, Badrinath R, Buzon MR, Cooperman D, Loder RT. "Femoroacetabular impingement in ancient Nubia 1400-656 BC." *Archives of Orthopaedic and Trauma Surgery* 143:3909–3917. <https://doi.org/10.1007/s00402-022-04649-1>.
- 2022 Buzon MR, Marshall J. "Countering the racist scholarship of morphological research in Nubia: Centering the 'people' in the past and present." *Journal of Ancient Egyptian Interconnections* 35:2-18.
- 2022 Buikstra, JE, et al. "Twenty-first century bioarchaeology: Taking stock and moving forward." *Yearbook of Biological Anthropology* 178(Suppl. 74), 54– 114.
- 2021 Simonetti A, Buzon MR, Corcoran L, Breidenstein AM, Emberling G. "Trace element and Pb and Sr isotope investigation of tooth enamel from archaeological remains at El-Kurru, Sudan: Evaluating the role of groundwater-related diagenetic alteration." *Applied Geochemistry* 132: 105068.
- 2020 Buzon MR. "Bioarchaeology of Nubia." In *The Oxford Handbook of Ancient Nubia.*, edited by G Emberling and B Williams. Oxford University Press, pp. 1051-1070.
- 2019 Whitmore K, Buzon MR, Smith ST. "Living on the Border: Health and Identity during the Colonial Egyptian New Kingdom Period in Nubia." In *The Bioarchaeology of Frontiers and Borderlands*, edited by C Tica and D Martin. University Press of Florida, pp. 135-159.
- 2019 Whitmore K, Buzon MR. "Two cases of skeletal dysplasia from New Kingdom (c. 1400–1050 BCE) Tombos, Sudan." *International Journal of Paleopathology* 26:135-144.
- 2019 Schmidt CS, Remy AJ, Van Sessen R, Scott RM, Mahoney P, Beach JJ, McKinley J, d'Anastasio R, Chiu LW, Buzon MR, de Gregory JR, Sheridan SG, Eng JT, Watson JT, Klaus HD, Willman JC, Da-Gloria P, Wilson JJ, Krueger KL, Stone A, Sereno PC, Droke JL, Perash RL, Stojanowski CM, Herrmann NP. "Dental microwear texture analysis of *Homo sapiens sapiens*: foragers, farmers, and pastoralists." *American Journal of Physical Anthropology* 169: 207-226.
- 2019 Schrader SA, Buzon MR, Corcoran L, Simonetti A. "Intraregional ⁸⁷Sr/⁸⁶Sr Variation in Nubia: New Insights from the Third Cataract." *Journal of Archaeological Science Reports* 24:373-379.
- 2018 Schrader S, Buzon MR, Smith ST. "Colonial-Indigene Interaction in Ancient Nubia: An Integrative Analysis of Stress, Diet, and Ceramic Data." *Bioarchaeology of the Near East* 12:1-32.
- 2018 Buzon MR. "Health and well-being, history of." In *The International Encyclopedia of Biological Anthropology* edited by W. Trevathan, M. Cartmill, D. Dufour, C. Larsen, D. O'Rourke, K. Rosenberg K. Strier). doi:10.1002/9781118584538.ieba0239
- 2018 Gibbon V, Buzon MR. "A diachronic examination of biomechanical changes in skeletal remains from Tombos in ancient Nubia." *Homo: Journal of Comparative Human Biology* 69(4):158-166.
- 2018 Buzon MR. "Life and Death in Upper Nubia during the Transition to Nubian Rule: Third Intermediate and Napatan Period Tombos." *Proceedings of the 13th Conference of Nubian Studies*, edited by M Honegger. Peeters, pp. 309-316.
- 2018 Smith ST, Buzon MR. "The fortified settlement at Tombos and Egyptian colonial strategy in New Kingdom Nubia." In *From Microcosm to Macrocosm: Individual Households and Cities in Ancient Egypt and Nubia*, edited by Julia Budka and Johannes Auenmüller. Sidestone Press, Leiden, pp. 205-225.

- 2018 Buzon MR, Schrader S, Bowen GJ. "Isotopic Approaches to Mobility in Northern Africa: A Bioarchaeological Examination of Egyptian/Nubian Interaction in the Nile Valley." In *Burials, Migration and Identity in the Ancient Sahara and Beyond*, edited by MC Gatto, D Mattingly, N Ray, M Sterry, Cambridge University Press, Cambridge, pp. 223-246.
- 2018 Schrader SA, Smith ST, Buzon MR, Olsen S. "Symbolic Equids: The Burial of a Third Intermediate Period Horse at Tombos and Kushite State Formation." *Antiquity* 92:383-397.
- 2018 Smith ST, Buzon MR. "Cross-Cultural Interaction in the Ancient Egyptian and Nubian Borderland." In *Modeling Cross-Cultural Interaction in Ancient Borderlands*, edited by Ulli Green and Kirk Costion. University Press of Florida, Gainesville, pp. 89-113.
- 2017 Schrader SA, Buzon MR. "Everyday Life After Collapse: A Bioarchaeological Examination of Entheseal Change and Accidental Injury in Post-Colonial Nubia." *Bioarchaeology International* 1:19-34.
- 2017 Buzon MR, Smith ST. "New Kingdom Egyptian Colonialism in Nubia at the Third Cataract: A Diachronic Examination of Sociopolitical Transition (1750-650 BC)." In *Colonized Bodies, Worlds Transformed: Towards a Global Bioarchaeology of Contact and Colonialism*, edited by Melissa S. Murphy and Haagen D. Klaus. University Press of Florida, Gainesville, pp 71-94.
- 2017 Smith ST, Buzon MR. "Colonial encounters at New Kingdom Tombos: Cultural entanglements and hybrid identity." In *Nubia in the New Kingdom: Lived experience, pharaonic control and local traditions*, edited by Neal Spencer, Anna Stevens and Michaela Binder. Peeters, Leuven, pp 613-628.
- 2016 Buzon MR, Smith ST, Simonetti A. "Entanglement and the Formation of Ancient Nubian Napatan State." *American Anthropologist* 118:284-300.
- 2016 Gibbon VE, Buzon MR. "Morphometric assessment of the appendicular skeleton in the New Kingdom and Napatan components from Tombos in Upper Nubia." *International Journal of Osteoarchaeology* 26:324-336.
- 2016 Buzon MR. "Investigating Ancient Egyptian Migration in Nubia at Tombos using Strontium ($^{87}\text{Sr}/^{86}\text{Sr}$) and Oxygen ($\delta^{18}\text{O}$) Isotopic Analysis." In *Science in the Study of Ancient Egypt*, edited by S. Zakrzewski, A. Shortland and J. Rowland. Routledge, Oxford, pp 204-207.
- 2014 Smith ST, Buzon MR. "Identity, commemoration and remembrance in colonial encounters: burials at Tombos during the Egyptian New Kingdom empire and its aftermath." In *Remembering the dead in the ancient Near East: Recent contributions from bioarchaeology and mortuary archaeology*, edited by Benjamin Porter and Alexis Boutin, University Press of Colorado, Boulder, pp 185-215.
- 2014 Schrader SA, Buzon MR, Irish, JD. "Illuminating the Nubian 'Dark Age': A bioarchaeological analysis of dental non-metric traits during the Napatan Period." *HOMO – Journal of Comparative Human Biology* 65:267-280.
- 2014 Smith ST, Buzon MR. "Colonial Entanglements: "Egyptianization" in Egypt's Nubian Empire and the Nubian Dynasty. *Proceedings of the 12th International Conference for Nubian Studies*, edited by Derek Welsby and Julie Anderson. British Museum Publications on Egypt and Sudan 1. Peeters, Leuven, pp 431-450.
- 2014 Buzon MR. "Tombos during the Napatan period (~750-660 BC): Exploring the consequences of sociopolitical transitions in ancient Nubia." *International Journal of Paleopathology* 7:1-7.
- 2013 Buzon MR, Simonetti A. "Strontium isotope ($^{87}\text{Sr}/^{86}\text{Sr}$) variability in the Nile Valley: Identifying residential mobility during ancient Egyptian and Nubian sociopolitical changes in the New Kingdom and Napatan periods." *American Journal of Physical Anthropology* 151:1-9.
- 2012 Blondiaux J, Fontaine C, Demondion X, Flipo, R-M, Colard T, Mitchell P, Buzon M, Walker P. "Bilateral fractures of the scapula: Possible archaeological examples of beatings from Europe, Africa, and America." *International Journal of Paleopathology* 4:223-230.

- 2012 Buzon MR, Conlee CA, Simonetti A, Bowen GJ. "The consequences of Wari contact in the Nasca region during the Middle Horizon: archaeological, skeletal, and isotopic evidence." *Journal of Archaeological Science* 39: 2627-2636.
- 2012 Smith ST, Buzon MR. "The University of California, Purdue University Tombos Expedition." *Journal of Ancient Egyptian Interconnections* 4:39-40.
- 2011 Buzon MR. "Nubian identity in the Bronze Age. Patterns of cultural and biological variation." *Bioarchaeology of the Near East* 5: 19-40.
- 2011 Buzon MR. "The bioarchaeological approach to paleopathology." In *Companion to Paleopathology*, edited by A.L. Grauer. Wiley-Blackwell, Oxford, pp. 58-75.
- 2011 Buzon MR, Conlee CA, Bowen GJ. "Refining oxygen isotope analysis in the Nasca Valley: An investigation of water sources and archaeological samples." *International Journal of Osteoarchaeology* 21:446-455.
- 2011 Andrushko VA, Buzon MR, Gijbaja AM, McEwan GF, Simonetti A, Creaser RA. "Investigating a child sacrifice event from the Inca heartland." *Journal of Archaeological Science* 38:323-333.
- 2010 Buzon MR, Bowen GJ. "Oxygen isotope analysis of migration in the Nile Valley." *Archaeometry* 52:855-868.
- 2010 Buzon MR, Bombak A. "Dental disease in the Nile Valley during the New Kingdom." *International Journal of Osteoarchaeology* 20:371-387.
- 2010 Buzon MR. "Book review: Stable Isotope Analysis of Carbon and Nitrogen as an Indicator of Paleodietary Change among Pre-State Metal Age Societies in Northeast Thailand." *International Journal of Osteoarchaeology* 20:122-126.
- 2009 Conlee CA, Buzon MR, Noriega Gutierrez A, Simonetti A, Creaser RA. "Identifying foreigners versus locals in the burial population of Nasca, Peru: An investigation using strontium isotope analysis." *Journal of Archaeological Science* 36:2755-2764.
- 2009 Andrushko VA, Buzon MR, Simonetti A, Creaser RA. "Strontium isotope evidence for prehistoric migration at Chokepukio, Valley of Cuzco, Peru." *Latin American Antiquity* 20:57-75.
- 2008 Buzon MR. "A bioarchaeological perspective on Egyptian colonialism in Nubia during the New Kingdom." *Journal of Egyptian Archaeology* 94:165-81.
- 2008 Buzon MR, Judd MA. "Investigating health at Kerma: sacrificial versus non-sacrificial burials." *American Journal of Physical Anthropology* 136:93-9.
- 2008 Simonetti A, Buzon MR, Creaser RA. "In-situ elemental and Sr isotope investigation of human tooth enamel by Laser Ablation-(MC)-ICP-MS: successes and pitfalls." *Archaeometry* 50:371-385.
- 2007 Buzon MR, Simonetti A, Creaser RA. "Migration in the Nile Valley during the New Kingdom period: a preliminary strontium isotope study." *Journal of Archaeological Science* 9:1391-1401.
- 2007 Buzon MR, Richman R. "Traumatic injuries and imperialism: the effects of Egyptian colonial strategies in upper Nubia." *American Journal of Physical Anthropology* 133:783-791.
- 2006 Buzon MR. "Life in New Kingdom Nubia: a bioarchaeological analysis of ethnicity, biological affinities, and health." *Acta Nubica: Proceedings of the X Conference for Nubian Studies*, edited by I Caneva and A Roccati. Instituto Poligrafico e Zecca dello Stato Spa, Rome, pp. 213-218.
- 2006 Buzon MR. "Biological and ethnic identity in New Kingdom Nubia." *Current Anthropology* 47:683-695.
- 2006 Buzon MR. "Health of the non-elites at Tombos: nutritional and disease stress in New Kingdom Nubia." *American Journal of Physical Anthropology* 130: 26-37.
- 2005 Buzon MR, Eng JT, Lambert P, Walker PL. "Bioarchaeological methods." In *Handbook of Archaeological Methods*, Vol II, edited by H Maschner and C Chippindale. Altamira Press, Lanham, MD, pp. 871-918.

- 2005 Buzon MR. "Two cases of pelvic osteochondroma in New Kingdom Nubia." *International Journal of Osteoarchaeology* 15: 377-382.
- 2005 Buzon MR, Walker PL, Drayer Verhagen F, Kerr S. "Health and disease in 19th century San Francisco: skeletal evidence from a forgotten cemetery." *Historical Archaeology* 39(2):1-15.
- 2002 Buzon MR and Grauer AL. "A bioarchaeological analysis of subsistence strategies at the SU site, New Mexico." *Kiva* 68(2):5-24.

PUBLIC PRESS AND OUTREACH

- "Archaeological site along the Nile opens a window on the Nubian civilization that flourished in ancient Sudan." The Conversation. <https://theconversation.com/archaeological-site-along-the-nile-opens-a-window-on-the-nubian-civilization-that-flourished-in-ancient-sudan-174575>; Atlas Obscura <https://www.atlasobscura.com/articles/ancient-sudan-archaeology-tombos>, Sapiens <https://www.sapiens.org/biology/reinterpreting-life-and-death-in-ancient-nubia/>, 2022.
- "Life and Death Along the Nile." Association of Sudanese American Professors, 2022
- "Celebrate AmSARC: US Archaeological Projects in Sudan" (Zoom virtual panel), 2021.
- "Life and Death by the Nile: Tales from the Tombs of Tombos." Islamic Medical Association of North America, 2020.
- Episode 16- Faculty Discoveries This is Purdue podcast, 2020.
- "Life and Death by the Nile." Lecture for Archaeology Month, Tippecanoe County Historical Association, 2019.
- FOX59/CBS4 Indianapolis station Full Steam Ahead! Podcast Ep. 22: Archaeology/Anthropology 2019: <https://www.stitcher.com/podcast/full-steam-ahead-podcast/full-steam-ahead-a-podcast-about-purdue/e/64119803>
- "Archaeology" Purdue University Boiler Bytes: https://youtu.be/vl_BJgYSPSo, 2019.
- "Life and Death by the Nile." Lecture for Purdue University Elderhostel, 2018.
- "Tombos: A New Society on the Egyptian Frontier." *Nile Magazine* April-May 2018.
- "In Sudan, Rediscovering Ancient Nubia Before It's Too Late." *Undark* <https://undark.org/article/nubia-sudan-amara-west-archaeology/> February 19, 2018.
- "Recent Findings of the UCSB-Purdue University Expedition to Tombos and Abu Fatima." Lecture for Sudan Archaeology Society, Khartoum, 2017.
- "Archaeological Methods and Research at Tombos." Lecture and educational posters produced Tombos elementary school, Sudan, 2017.
- "Nubian-Egyptian Interaction" at Tombos." Lecture to Tombos community, Sudan, 2017.
- "Window to the Past: Life and Death at Tombos." Lecture to local elementary school and women's group in Tombos, Sudan, 2016.
- "Understanding Culture from Ancient Dental Enamel –STRONTIUM" Purdue Executive Vice President for Research and Partnerships Annual Report, 2016.
- "Cool Course Catalog: A Matter of Life and Death, Mortuary Practices Across Cultures." Purdue Alumnus Magazine Mar/Apr 2016.
- "Archaeologist Begins Dig in the Sudan, Nile River Valley Area." *Sudan Vision*, May 7, 2015.
- Featured as 1/31 Purdue Women for Women's History Month, Office of Research and Partnerships, 2015.
- Sudan Fieldwork featured in Purdue Twitter, Facebook, News Service, 2015.
- "Digging Archaeology." Purdue Alumnus Magazine 103 Sep/Oct 2014.
- National Geographic Radio Weekend Show, June 23, 2013. <http://bit.ly/183VsP3>

"Multicultural Beginnings for One Set of Egyptian Rulers." National Science Foundation Highlight. 2013. <http://go.usa.gov/by6W>

"A Scientific Conscience." Purdue College of Liberal Arts *THiNK Magazine*, Spring 2012.

"Window to the Past: Nile Valley's Ancient Civilizations Share Valuable Lessons." Presentation given to the College of Liberal Arts Dean's Advisory Council (2010), President's Council Back to Class, West Lafayette (2010) and Naples, FL (Mollenkopf Weekend, 2011), Sciencetech Club of Indianapolis (2011).

Featured in "Nasca Lines: The Buried Secrets" *National Geographic Channel*, premiered February 2010.

"Anthropology professor plans Sudanese excavation" *The Exponent*, January 12, 2010.

"Delving into the past" *Perspective* 36(1): 8-9, Spring 2009.

"Archaeologists, like Sherlock Holmes, depend on even tiniest of clues" *Inside Purdue*, December 4, 2008: 4.

FIELDWORK AND RESEARCH

Bioarchaeology Workshop and Curriculum Development, International University of Africa, Khartoum, Sudan, 2023.

Tombos, Sudan 2000-current

Principal Investigator, Pluralistic Identities in Nubia: A Bioarchaeological Examination of Entanglements at Post-Colonial Tombos (1450-650 BC), 2020.

Principal Investigator, Colonial Entanglements, New Kingdom cultural interaction at Tombos in a regional context, 2015-2018.

Principal Investigator, Bioarchaeological Investigation of Identity Development during Napatan State Formation, 2010, 2011, 2013.

Amara West, Sudan

Collaborator, strontium isotope analysis, Amara West: Investigating life in an Egyptian town, 2008-present.

La Tiza, Nasca, Peru

Principal Osteologist, Post-Collapse Transformations in Late Prehispanic Nasca, directed by Dr. Christina Conlee (Texas State University, San Marcos), 2005, 2009.

Wrangell-St. Elias National Park, Alaska

Volunteer Archaeologist, Assisted with National Historic Preservation Act Section 106 compliance and independent research, August 2003, 2004.

University of California, Santa Barbara Expeditions to Nubia, Sudan

Principal Osteologist, Merowe Dam Archaeological Salvage Project, Sudan, 2003.

Principal Osteologist, New Kingdom cemetery, Tombos, Sudan, 2000, 2002, 2005.

Biological Anthropology Laboratory, University of Copenhagen, Denmark

Dissertation research on biological affinities and health of ancient Nubians from the Scandinavian Joint Expedition to Nubia Collection, 2003; sample collection for isotope research, 2008.

Duckworth Collection, Department of Biological Anthropology, University of Cambridge, UK

Dissertation research on biological affinities and health of ancient Nubian and Egyptian populations from the Kerma, Shellal, Memphis, and Qurneh sites, 2003; sample collection for isotope research, 2008.

Dayton Canyon Site, Canoga Park, CA

Osteologist, Excavation/analysis of human skeletal remains for SWCA Environmental Consultants, 2001.

Vandenberg Air Force Base, Lompoc, CA

Osteologist, Excavation/analysis of human skeletal remains for United States Air Force, 2000.

Ya'amun Site, Jordan

Bioarchaeological field school. Excavation/analysis of human skeletal remains from Roman/Byzantine burials. University of Arkansas and Yarmouk University, 1999.

McGraw Site, Lake Barrington, IL

Osteologist, Excavation/analysis of human skeletal remains for Midwest Archaeological Research Services, Inc., 1996-1998.

Field Museum of Natural History, Chicago, IL

Paleopathological analysis of skeletal collections with Dr. Anne Grauer, 1996-1998.

Dunning Poorhouse Cemetery, Chicago, IL

Osteologist, Excavation/analysis of human skeletal remains for Midwest Archaeological Research Services, Inc, 1996-1997.

BIOARCHAEOLOGICAL REPORTS

Walker PL, Buzon MR, Eng JT. Analysis of Human Remains from Dayton Canyon (CA-LAN-254), Canoga Park, California. SWCA Environmental Consultants, Mission Viejo, CA, 2003.

Walker PL, Buzon MR, and Torres-Rouff C. Report on the Human Remains from SLO-1878. C.A. Singer and Associates, Inc. Cambria, CA, 2001.

Buzon MR, Lopez I, Yoshida B, Walker PL. Identification of Human Skeletal Remains from SBA-530, Honda Canyon, South Vandenberg Air Force Base, Lompoc, CA, 2001.

Grauer AL and Buzon MR. Chapter 5: Skeletal Analysis. In *Results of Phase III Archaeological Mitigation of the McGraw Farm Site (11-L-386), Cuba Township, Lake County, Illinois*. Midwest Archaeological Research Services, Inc. Cultural Resource Management Report No. 621, 1999.

CONFERENCE AND INVITED PRESENTATIONS

Minor E, Buzon MR, Guilbault KA, Oppenheim G, Rijal C, Cooper B. "Analysis of Ancient Nubian Funerary Feasting through Organic Residue Testing (Gas Chromatography - Mass Spectrometry / GC-MS)." American Schools of Overseas Research, Chicago, 2023.

Buzon MR, Whitmore KM, Eiseman E, Taylor A, Althaus HJ. "The transition to adulthood at Tombos: a biocultural examination of puberty, social age, and health." American Schools of Overseas Research, Chicago, 2023.

Buzon M. "Bioavailable Strontium in the Nile Valley: Variation across Time and Space." Polish Centre of Mediterranean Archaeology Webinar Life in Ancient Nubia: Bioarchaeological Perspectives, 2023.

Buzon, M. "Intersectional identities and bodies: Exploring diversity in the ancient Nile Valley." Indiana University Egyptology Club, Bloomington, 2023.

- Buzon M. "Two decades of Tombos Archaeological Project mortuary research: Successes, challenges, and future goals." University of Tennessee, Knoxville speaker series, Global Treatment of Death, 2022.
- Buzon M, Faroug Ali, M, Guilbault K. "American Sudanese Archaeological Research Center (AmSARC): Working to Support Archaeological Collaboration in Sudan." American Schools of Overseas Research, Virtual & Boston, 2022.
- Coon S, Buzon M, Loder R. "Evidence of Femoroacetabular Impingement in Ancient Nile Valley Inhabitants." Western Bioarchaeology Group Conference, UC Riverside, 2022.
- Buzon, M. "Tumuli at Tombos: Exploring identity and variability." International Conference of Nubian Studies, Warsaw, Poland, 2022.
- Buzon M, Guilbault, K. "Exploring intersectional identities and geographic origins at Tombos, Nubia." Society for American Archaeology, Chicago, 2022.
- Simonetti A, Buzon M. "Assessing the impact of Holocene climate change on bioavailable elements, Nile River Valley: A trace element and isotope geochemistry perspective." Humanities Without Walls/Mellon sponsored symposium – Coping with Climate Changes in Early Antiquity. University of Chicago, 2021.
- Buzon M, Marshall J, Whitmore K. "Bioarchaeological reassessment of the 4.2 K Event and 3.2K event in Egypt and Nubia." Humanities Without Walls/Mellon sponsored symposium – Coping with Climate Changes in Early Antiquity. University of Chicago, 2021.
- Buzon M. "Refocusing the people through a holistic bioarchaeological approach to identity in Nile Valley research." AmSARC sponsored workshop Reintegrating Africa in the ancient world: Colonial and anticolonial perspectives on ancient societies of northeast Africa. American Schools of Overseas Research, Chicago. 2021.
- Buzon M. "Intersectional Identities and Bodies: Exploring Biological, Geographic, and Mortuary Diversity in the Ancient Nile Valley." Polish Centre of Mediterranean Archaeology, Warsaw. 2021.
- Buzon M. "Assessing the Impact of Holocene Climate Change on Bioavailable Strontium Within the Nile River Valley." Polish Centre of Mediterranean Archaeology, Warsaw. 2021.
- Buzon M. "Intersectional Identities and Bodies: Exploring Biological, Geographic, and Mortuary Diversity in the Ancient Nile Valley." DiverseNile Seminar Series. Ludwig-Maximilians-Universität München. 2021.
- Buzon MR. "SPATIAL Isotopes in Archaeology and Paleoanthropology." University of Utah Isotopes in Spatial Ecology and Biogeochemistry (SPATIAL Short Course), 2021.
- Buzon M, Smith ST. "Nubian tumulus burials at Tombos: Entangled identities in colonial and post-colonial Nubia." Society for Africanist Archaeology, Oxford, 2020 (postponed due to COVID).
- Schrader S, Buzon M, Smith ST. "Salvaging Identities: Isotopic and Mortuary Analyses from Rescue Excavations in Lower Nubia (2000-1300 BCE)." Society for Africanist Archaeology, Oxford, 2020 (postponed due to COVID).
- Guilbault KA, Buzon MR. "The Interchange of Cultures: Egyptian-Nubian Entanglements in Mortuary Practices in Ancient Nubia." American Association of Physical Anthropologists, Los Angeles, 2020 (COVID).
- Schrader S, Buzon M, Simonetti S. "Strontium isotope variability ($^{87}\text{Sr}/^{86}\text{Sr}$) in the ancient Nile Valley (Egypt and Nubia): Establishing baseline data and tracking human mobility." American Association of Physical Anthropologists, Los Angeles, 2020 (COVID).
- Seeman A, Jenkins A, Torquato M, Buzon MR. "Three-Dimensional Scanning of Egyptian and Nubian Crania from Tombos, Sudan." Midwest Bioarchaeology and Forensic Anthropology Association, Grand Valley State University, 2019.

- Buzon MR. "Countering the racist scholarship of morphological research in Nubia." *Origins and Afterlives of Kush*, Santa Barbara CA, 2019.
- Buzon MR. "SPATIAL Isotopes in Archaeology and Paleoanthropology." *University of Utah Isotopes in Spatial Ecology and Biogeochemistry (SPATIAL Short Course)*, 2019.
- Buzon MR, Whitmore K, Sigworth C, Ali MF. "Public Outreach and Community Engagement with the Tombos Archaeological Project in Sudan." *Society for American Archaeology*, Albuquerque, 2019.
- Ortt I, Buzon MR, Sanders K. "Mortuary and Paleopathological Analysis of New Kingdom Burials at Tombos." *American Association of Physical Anthropologists Undergraduate Research Symposium*, Cleveland, 2019.
- Buzon MR, Torquato MG, Otarolla-Castillo. "3D Morphometric Analysis of Cranial Variation at the Egyptian Colonial Site of Tombos in Nubia." *American Association of Physical Anthropologists*, Cleveland, 2019.
- Whitmore K, Buzon MR. "Pathological changes associated with resorption of a proximal femur from New Kingdom Tombos, injury or disease?" *Paleopathology Association*, Cleveland, 2019.
- Buzon MR, Smith ST. "Social status and health at the Egyptian fortress Taroy: Exploring variability in the Tombos cemetery." *Bioarchaeology of Ancient Egypt*, Cairo, 2019.
- Buzon MR, Torquato M. "Variation in markers of identity at Tombos: an integrated analysis of 3-D morphometric analysis, mortuary practices and geographic origins ($^{87}\text{Sr}/^{86}\text{Sr}$)." *International Conference of Nubian Studies*, Paris, 2018.
- Whitmore KM, Buzon MR, Smith ST. "Health and Mortuary Patterns in New Kingdom Juvenile Burials from Tombos." *International Conference of Nubian Studies*, Paris, 2018.
- Gibbon V, Buzon MR, Smith ST. "Biomechanical analyses of the skeletal remains from Tombos: Diachronic changes from the New Kingdom through the Napatan components in Upper Nubia." *Society for Africanist Archaeologists*, Toronto, 2018.
- Ortt I, Sanders KE, Buzon MR. "Using Transition Analysis to Examine Age at Death in Tombos." *American Association of Physical Anthropologists Undergraduate Research Symposium*, Austin, 2018 (poster).
- Whitmore K, Buzon, MR. "Skeletal Dysplasia in New Kingdom Tombos." *Paleopathology Association*, Austin, 2018 (poster).
- Sigworth C, Buzon MR. "Public Engagement and Outreach in Sudan." *Society for Applied Anthropology*, Philadelphia, 2018 (poster).
- Sigworth C, Buzon MR. "Bioarchaeological Education & Outreach in Sudan." *Midwest Bioarchaeology and Forensic Anthropology Association*, Milwaukee, 2017.
- Buzon MR. "Exploring life and death in the Egyptian colonial cemetery at Tombos: skeletal evidence of health, disease, and daily life." *AcrossBorders Conference, From Microcosm to Macrocsm: Individual households and cities in Ancient Egypt and Nubia*, Munich, 2017.
- Gibbon VE, Buzon, MR. "Biomechanical analyses of the skeletal remains from Tombos components in Upper Nubia." *Association of Southern African Professional Archaeologists*, Pretoria, 2017.
- Whitmore, KM, Buzon MR, Smith ST. "Mortuary Patterns and Health in New Kingdom Juvenile Burials from Tombos." *American Association of Physical Anthropologists*, New Orleans, 2017.
- Buzon MR, Schrader SA. "Comparison of Nubian and Egyptian Patterns of Physical Activity at New Kingdom Tombos." *Society for American Archaeology*, Vancouver, 2017.
- Sigworth C, Buzon MR. "Promoting Bioarchaeological Research in Sudan." *Midwest Bioarchaeology and Forensic Anthropology Association*, Chicago, 2016 (poster).
- Buzon MR, Schrader SA. "Life at the Third Cataract during the Napatan Period." *12th International Conference for Meriotic Studies*, Prague, 2016.

- Anderson L, Buzon MR. "Cradled in the Grave: An Osteobiography of a New Kingdom mother and infant excavated from Tombos." American Association of Physical Anthropologists Undergraduate Research Symposium, Atlanta, 2016 (poster).
- Rose M, Whitmore KM, Buzon MR. "Paralyzed Woman from Tombos." American Association of Physical Anthropologists Undergraduate Research Symposium, Atlanta, 2016 (poster).
- Breidenstein A, Buzon M, Devlin M. "Detection of Tetracycline in New Kingdom Nubian Remains from Tombos." Paleopathology Association, 2016.
- Schrader SA, Buzon MR, Smith ST. "Colonial-Indigene Interaction in Ancient Nubia: An Integrative Analysis of Diet, Health, and the Material Record." Paleopathology Association, 2016.
- Whitmore KM, Buzon MR. "Living on the Border: Health and Identity during the Colonial Egyptian New Kingdom Period in Nubia." Society for American Archaeology, 2016.
- Buzon MR, Sanders KE. "Skeletal evidence of malaria at Tombos: Disease patterns from the New Kingdom through Napatan Periods in Upper Nubia." American Association of Physical Anthropologists, 2016.
- Gibbon V, Buzon MR. "Morphometric assessment of the appendicular skeleton from Tombos components in Upper Nubia." Canadian Association of Physical Anthropology, 2015.
- Shea R, Buzon MR. "An examination of skeletal injuries at Tombos, Sudan: Investigating the effects of sociopolitical changes on violent and accidental trauma in Nubia." American Association of Physical Anthropologists Undergraduate Research Symposium, 2015.
- Caldwell S, Whitmore K, Buzon MR. "How many in the tomb of Tiy? Calculating the number of individuals interred in a Nubian 18th Dynasty pyramid tomb from Tombos, Sudan." American Association of Physical Anthropologists, 2015.
- Schrader S, Buzon MR. "A Bioarchaeological Assessment of Diet and Dental Health During the New Kingdom/Napatan Transition in Ancient Nubia (Tombos, Sudan)." Society for American Archaeology, 2015.
- Buzon MR. "Life and Death in Upper Nubia during the Transition to Nubian rule: Third Intermediate and Napatan Period Tombos." The 13th International Conference for Nubian Studies, Neuchâtel, Switzerland, 2014.
- Buzon MR. "Identity and Mobility in the Ancient Nubia during the New Kingdom and Napatan Periods: A Case Study from Tombos." University of Notre Dame, Dept of Civil and Environmental Engineering and Earth Sciences, 2014.
- Buzon MR, Schrader S, Bowen GJ. "Isotopic Approaches to Mobility in Northern Africa: A Bioarchaeological Examination of Egyptian/Nubian Interaction in the Nile Valley." The Trans-SAHERA: State Formation, Migration and Trade in the Central Sahara (1000 BC-AD 1500). University of Leicester, UK, 2014.
- Smith ST, Buzon MR. "Cross-Cultural Interaction in the ancient Egyptian and Nubian Borderland." Society for American Archaeology. Austin TX 2014.
- Buzon MR, Schrader S, Smith ST. "Mortuary and Paleopathological Analyses of Juvenile Burials at the New Kingdom site of Tombos, Sudan. American Association of Physical Anthropologists Calgary AB, 2014.
- Reavis R, Buzon MR. "Investigating Senescence in Ancient Nubia." American Association of Physical Anthropologists Undergraduate Research Symposium. Calgary AB, 2014.
- Buzon, MR. "From Conquered to Conqueror: Exploring the New Kingdom and Napatan Periods in Nubia. Brown Bag Presentation. University of Western Michigan Dept. of Anthropology, 2014
- Grady JT, Buzon MR. "Evaluation of a Cranial Bone Growth in an Archaeological Assemblage from Tombos: A Case Study." Midwest Bioarchaeology and Forensic Anthropology Association, Columbus OH, 2013.

- Reavis R, Buzon MR. "Investigating Senescence in Ancient Nubia Using Transition Analysis." Midwest Bioarchaeology and Forensic Anthropology Association, Columbus OH, 2013.
- Smith ST, Buzon MR. "Colonial encounters at New Kingdom Tombos: cultural entanglements and hybrid identity." Annual Egyptological Colloquium. The British Museum, London, 2013.
- Buzon M, Schrader S, Simonetti A, Bowen G. "Isotopic variation of geographic origin and diet in Upper and Lower Nubia during the Bronze Age: An examination of sociopolitical effects on population composition and life ways." American Association of Physical Anthropologists Meeting, 2013.
- Smith ST, Buzon MR. "Nubian and Egyptian Cultural Entanglements and the Genesis of the Second Kingdom of Kush." American Anthropological Association Meeting, 2012.
- Smith ST, Buzon MR. "Identity, commemoration and remembrance in Nubia: Burials at Tombos during the New Kingdom and its aftermath. American Research Center in Egypt Meeting, Providence RI, 2012.
- Buzon MR. "Diachronic analysis of health at Tombos during the aftermath of the Egyptian New Kingdom occupation of Nubia." Paleopathology Association Meeting, 2012.
- Fleagle E, Blasingame A, Buzon, MR. "Stature and growth at Tombos during the New Kingdom and Napatan Periods." Midwest Bioarchaeology and Forensic Anthropology Association Meeting, 2011.
- Buzon MR, Simonetti A, Bowen GJ. "Isotopic analysis and ancient human mobility: recent advances, current challenges, and variability in the Nile Valley." Isoscapes, 2011.
- Smith ST, Buzon MR. "Identity, Commemoration and Remembrance in Colonial Encounters: Burials at Tombos during the Egyptian New Kingdom Nubian empire and its aftermath." Society for American Archaeology, 2011.
- Buzon MR. "Recent excavations at the ancient Nubian Napatan cemetery at Tombos." Midwest Bioarchaeology and Forensic Anthropology Association, Purdue University, 2010.
- Smith ST, Buzon MR. "The Early Kushite Period at Tombos: Cultural Entanglement or Egyptianization?" 12th International Conference for Nubian Studies, London, 2010.
- Buzon MR. "Investigating Napatan Identity and State Development at the Third Cataract." Sudan Studies Association, Purdue University, 2010.
- Schrader S, Buzon MR. "Investigating Activity Patterns: Osteoarthritis, Vertebral Degeneration and Musculoskeletal Stress Markers in Colonized Ancient Nubia." Society for American Archaeology, St. Louis, 2010.
- Hubbell Z, Buzon MR. "Humeral asymmetry in the Tombos sample: an investigation of work activities." Society for American Archaeology, St. Louis, 2010.
- Buzon MR. "Who were the Bronze Age Nubians? A bioarchaeological investigation of C-Group and Kerma identity." Chacmool Conference, University of Calgary, 2009.
- Buzon MR, Bowen GJ. "Oxygen isotope analysis of tooth enamel carbonate from the New Kingdom site of Tombos." American Association of Physical Anthropologists, Chicago, 2009.
- Buzon MR, Pelletier J. "The effects of water on tomb architecture and bone microstructure at the Egyptian colonial New Kingdom cemetery of Tombos in Nubia." American Society for Oriental Research, Boston, 2008.
- Buzon MR, Bombak A. "Dental disease in New Kingdom Nile Valley populations." World Archaeological Congress, Dublin, 2008.
- Buzon MR, Conlee CA, Simonetti A, Creaser RA. "An investigation of human migration and burial practices in the Nasca region using strontium isotope analysis." Society for American Archaeology, Vancouver, 2008.
- Andrushko VA, Buzon MR, Simonetti A, Creaser RA. "Using strontium isotope analysis to investigate a child sacrifice from the Inca heartland." Society for American Archaeology, Vancouver, 2008.

- Bombak A, Buzon MR. "Dental pathology in New Kingdom Nubia." Canadian Association for Physical Anthropology, Banff, 2007.
- Simonetti A, Buzon MR, Creaser RA. "Elemental and Sr isotope investigations of human tooth enamel by laser ablation-(MC)-ICP-MS: Successes and pitfalls. Goldschmidt Conferences, Cologne, 2007.
- Conlee CA, Gutiérrez AN, Buzon MR. "Migration and Ethnogenesis: Long-Term Dynamics at the site of La Tiza" Society for American Archaeology, Austin, 2007.
- Buzon MR, Conlee CA, Simonetti A, Creaser RA. "⁸⁷Sr/⁸⁶Sr Isotope Analysis of Human Remains from the site of La Tiza, Peru." Society for American Archaeology, Austin, 2007 (poster).
- Andrushko VA, Buzon MR, Simonetti A, Creaser RA. "Strontium isotope evidence for prehistoric migration in the valley of Cuzco, Peru." American Association of Physical Anthropologists, Philadelphia, 2007.
- Buzon MR. "The bioarchaeological effects of Egyptian colonial activities in Nubia during the New Kingdom." Symposium, 'Bioarchaeological Insights into Ancient Imperialism: Perspectives from the Old and New Worlds,' Society for American Archaeology, San Juan, Puerto Rico, 2006.
- Pelletier J, Buzon MR. "An investigation of tetracycline-labeled bone in the Nile Valley." University of Alberta Postdoc Research Day, Dept. of Anthropology Undergraduate Conference, 2006 (poster).
- Buzon MR, Simonetti A, Creaser R. "Strontium Isotope Analysis of Migration in the Nile Valley during the New Kingdom Period." Chacmool Conference, University of Calgary, 2005.
- Buzon MR, Richman R. "Patterns of Traumatic Injuries in Nubia During the Egyptian New Kingdom Colonial Occupation." Canadian Association for Physical Anthropology, Winnipeg, MB, 2005.
- Buzon MR. "The effects of Egyptian colonialism on the Tombos Population in Nubia during the New Kingdom Period." Department of Anthropology, Colorado College, 2005.
- Buzon MR. "Ethnic and biological identity in New Kingdom Nubia." American Association of Physical Anthropologists, Milwaukee, 2005.
- Buzon MR. "A Bioarchaeological Perspective on Egyptian Colonialism in Nubia during the New Kingdom Period." University of Alberta, Department of Anthropology, Brown Bag Lunch Talk, 2004.
- Buzon MR. "Patterns of porotic hyperostosis in ancient Nubia and Egypt." Society for American Archaeology, Montreal, Canada, 2004 (poster).
- Buzon MR. "Two cases of pelvic osteochondroma in New Kingdom Nubia." Paleopathology Association, Tempe, AZ, 2003 (poster).
- Buzon MR. "Life in New Kingdom Nubia: A bioarchaeological analysis of ethnicity, biological affinities and health at Tombos." International Society of Nubian Studies, Rome, Italy, 2002.
- Buzon MR. "Preliminary analysis of elite and middle-class New Kingdom cemeteries in Tombos, Sudan." American Association of Physical Anthropologists, Kansas City, MO, 2001.
- Buzon MR, Walker PL, Drayer F, Kerr S. "Health and disease in 19th century San Francisco: skeletal evidence from a forgotten cemetery." Annual Meeting of the American Association of Physical Anthropologists, San Antonio, TX, 2000 (poster).
- Zabecki M, Willis W, Buzon M. "Bioarchaeological analysis of a multiple internment tomb at the site of Yasileh, Jordan." Annual Meeting of the Paleopathology Association. San Antonio, TX, 2000.
- Anderson M, Zabecki M, Renfro B, Willis W, Buzon M. "Bioarchaeological analysis of a multiple internment tomb at the site of Yasileh, Jordan." American Schools of Oriental Research, Boston, MA, 1999.
- Buzon MR, Grauer AL. "Mortuary practices and paleopathological analyses of early northeastern Illinois peoples." Annual Meeting of the American Association of Physical Anthropologists, Salt Lake City, UT, 1998 (poster).

Buzon MR, Grauer AL and Kilbane EJ. "Possible evidence of nutritional stress due to transition in subsistence strategies." Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, 1997 (poster).

Buzon MR and Krueger T. "Evidence of 'Pipe Smoker's Wear' in the Dunning Cemetery population." Bioarchaeology and Forensic Anthropology Association, Kalamazoo, MI, 1996.

TEACHING

2014 Purdue University College of Liberal Arts Outstanding Undergraduate Teacher Award

2007-present Purdue University

Anth 204 Introduction to Biological Anthropology and Human Evolution

Anth 310 Mortuary Practices Across Cultures

Anth 312 Archaeology of Egypt and the Near East

Anth 336 Human Variation

Anth 436 Human Evolution

Anth 534 Human Osteology

Anth 592 Advanced Osteology

Anth 592 Climate Change in Antiquity

Anth 609/630 Academic Professional Development

Anth 611 Archaeology of Identity

2006-2007 University of Calgary

Arky 203 Introduction to Physical Anthropology

Arky 305 Human Variation and Adaptation

Arky 493 Problems of Hominid Evolution

Arky 555 Human Osteology

Arky 595 Paleopathology and Paleonutrition

2005 University of Alberta

Anth 490 Human Osteoarchaeology

2004 University of California, Santa Barbara

Anth 112 Bioarchaeology

STUDENT SUPERVISION

Postdoctoral Advisor

Victoria Gibbon, 2010-2011

Chair of graduate degree committee

Jeremy Beach, PhD (2017)

Sarah Caldwell, PhD (2019)

Blair Daverman, MS (2011)

Kari Guilbault, MS (2021); PhD

Jenail Marshall, MS (2020); PhD

Kaitlyn Sanders – PhD (2023; College of Liberal Arts Distinguished Dissertation Award)

Buzon CV

Sarah Schrader, MS (2010 College of Liberal Arts Distinguished Master's Thesis Award); PhD (2013)
Melissa Torquato, MS (co-chair, 2018)
Katie Whitmore, PhD (2019)

Graduate degree committee member

Cassie Apuzzo, MS (2023)
Ovie Agezeh, MS
Matthew Coon, PhD (2008)
Shawna Follis, MS (2014)
Matthew Fuka, MS (2018)
Garret Hunt, MS (2015)
Bonnie K. Smith, PhD (2012)
Sydney Tuller, MS (2019)
Brandi Wren, PhD (2012)
Gretchen Zoeller, PhD, University of Pittsburgh

Undergraduate honors theses and research

Abigail Taylor, 2022-2023 (research).
Heidi Joelle Althaus, 2022-2023 (Wilke intern).
Sarah Coon, 2021-2022 (Wilke intern).
Alyssa Seeman, 2019-2020 (Wilke intern).
Anna Jenkins, 2019-2021 (Wilke intern).
Isabelle Ortt, 2017- 2019 (Wilke intern, honors thesis, O Michael Watson Outstanding Senior Award).
Elizabeth Kriebel, 2018 (Wilke intern).
Evalyn Stow, 2017-18 (Wilke intern).
Margaret Furtner (DePauw University), 2015-2018, laboratory analysis.
Meagan Rose, Skylar Stansey, Emily Durkin, 2014-2015, laboratory analysis
Rachel Shea, 2014-2015, laboratory analysis (Wilke intern).
Lily Anderson, 2014-2015, laboratory analysis.
Claire Sigworth, 2015-2017 (Wilke intern).
Michael Lockman, 2015. Human Variation Honors. Publication: Lockman, M (2015, M. Buzon research mentor). "Ancient Mayan 'Deformity.'" Journal of Purdue Undergraduate Research 5:56-63.
Rachel Shea, 2014-15 (Wilke intern).
Katelyn Reavis, Honors Thesis, 2013-2014 (Wilke intern, Honors Colloquium Grand Prize, O Michael Watson Outstanding Senior Award). Publication: Reavis, K (2014, M. Buzon research mentor). "Investigating Senescence in Ancient Nubia." Journal of Purdue Undergraduate Research 4:40-47.
Amber Millikan, Honors Thesis (committee member), 2012-2013.
Alexander Blasingame, 2012 (Wilke intern). Publication: Blasingame A (2013, M. Buzon research mentor). "Consequences of Egyptian Contact: Dental Health in Ancient Nubia During the Napatan Period (760-656 BCE)." Journal of Purdue Undergraduate Research 3:96.
Emilie Fleagle, Honors Thesis 2011-2012 (Wilke intern, Outstanding Senior Award). Publication: Fleagle E (2013, M. Buzon research mentor). "Exploration of Relatedness in Ancient Nubia through Cranial Non-Metrics." Journal of Purdue Undergraduate Research 3:96-7.
Morgan Devlin, Honors Thesis 2008-2009
Andrea Bombak, Honors Thesis 2006-2007 (University of Calgary)

High School Research Mentor

Brooke Benner, Science Research Seminar, Grand Rapids Catholic Central High School, 2011-2013.

PROFESSIONAL ACTIVITIES AND SERVICE

Internal

University Coaching and Resource Network (2019-current)
Department of Anthropology Professor of Practice Search Committee, Co-Chair (2021-2022)
Anthropology Graduate Students Association Faculty Advisor (2019-2021)
Department of Anthropology Director of Graduate Studies (2015-2016, 2018-2019)
Vice Provost for Diversity and Inclusion Search Advisory Committee (2018)
University Promotions Committee Panel A, Panel B (2018-2019; 2020-2021)
College of Liberal Arts Area Committee (2017-2019, 2021-)
University Faculty Senator, Equity and Diversity Subcommittee (2017-2018)
Department of Anthropology Coordinator of Faculty Mentoring (2017-2018)
Department of Anthropology BioAnth Assistant Professor Search Committee, Chair (2016)
Department of Anthropology BioAnth Visiting Assistant Professor Search Committee, Chair (2016)
Guest Speaker, College of Liberal Arts NSF Graduate Research Fellowship Workshop (2014, 2015)
Department of Anthropology BioAnth Search Committee, Chair (2014)
College of Liberal Arts Research Council (Fall 2014)
Guest Speaker, College of Liberal Arts NSF Grants Workshop (2013)
Department of Anthropology External Review Self-Study (2013-2014; 2020-current)
College of Liberal Arts Faculty Affairs Committee (2011-2013)
Department of Anthropology Graduate Committee (2010-current)
University Clifford Kinley Trust Committee (2010-2013)
Department of Anthropology BioAnth Search Committee, Co-Chair (2010-2011)
Department of Anthropology Laboratory Planning/Safety Committee (2009-current)
College of Liberal Arts Grievance Committee (2009-2011)
College of Liberal Arts Honors Program Committee (2008-2012)
College of Liberal Arts Faculty Senator (2008-2009, F 2014, 2015)
Department of Anthropology Website Committee (2008-2009, F 2014)
Department of Sociology/Anthropology Teaching Awards Committee (2007-2008)
Department of Anthropology Undergraduate Committee (2007-2009)

External

Student Prize Judge, American Association of Physical Anthropologists, 2021.
Meet-a-Mentor, Paleopathology Association, 2021.
Editorial Board Member, Brepols Publishers, Nubia: Studies in the Archaeology and History of Northeast Africa, 2021-current.
Editorial Board Member, Journal of the American Research Center in Egypt, 2018-current.
Program Committee Member, Paleopathology Association, 2018.
Board of Directors, Treasurer American Sudanese Archaeological Research Center, 2017-current.
Reviews Editor, International Journal of Paleopathology, 2016-2018.
Program Committee Member, American Association of Physical Anthropologists, 2015, 2016.
Panelist, National Science Foundation, 2014.
Program Committee Member, Society for American Archaeology, 2011, 2014.

Conference Host, Midwest Bioarchaeology and Forensic Anthropology Association, 2010.

Session Chair, Society for American Archaeology, St. Louis, 2010.

Reviewer, American Anthropologist, Archaeopress, American Journal of Physical Anthropology, Current Anthropology, HOMO: Journal of Comparative Human Biology, International Journal of Osteoarchaeology, International Journal of Paleopathology, Journal of Archaeological Science, Journal of Anthropological Archaeology, Latin American Antiquity, African Archaeological Review, Environmental Archaeology, Bioarchaeology International, HOMO, Bioarchaeology of the Near East, National Science Foundation, Pearson Education, WW Norton, University Press of Florida, American Philosophical Association, Antiquity, National Science Foundation, Fulbright Egypt.

Session Chair, American Association of Physical Anthropologists, Chicago, 2009.

Session Chair, Paleopathology Association, Columbus, 2008.

Student Prize Judge, Paleopathology Association, Columbus, 2008.

Preparing Undecalcified Ground Tooth Sections Workshop, McMaster University Anthropology Hard Tissue and Light Microscopy Laboratory, 2007.

Student Prize Judge, Graduate Student Conference, Dept. of Anthropology, University of Alberta, 2006.

Postdoctoral Fellows Professional Development Program, University of Alberta, completed November 2005.

Co-President, Anthropology Graduate Student Association, UCSB, 2001-2002.

Conference Program Assistant, 70th Annual Meeting of the American Association of Physical Anthropologists, Kansas City, MO. Dr. Phillip Walker, Scientific Program Committee Chair and Vice-President, 2000-2001.

Graduate Student Representative, Department of Anthropology Space Committee, UCSB, 2000-2001.

Membership Assistant, American Association of Physical Anthropologists Membership Committee. Dr. Phillip Walker, Membership Chair, 1999-2000.

Conference Program Assistant, Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association, Loyola University Chicago. Dr. Anne Grauer, Meeting Chair, 1997.

PROFESSIONAL MEMBERSHIPS

American Association of Biological Anthropologists
 American Research Center in Egypt
 American Schools of Overseas Research
 American Sudanese Archaeological Research Center
 International Society for Nubian Studies
 Paleopathology Association
 Society for American Archaeology
 Sudan Archaeological Research Society