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EDUCATION

2004 PhD	University of Wisconsin at Madison (Anthropology) **Dissertation:** *Tiwanaku Residential Mobility in the South Central Andes: Identifying Archaeological Human Migration through Strontium Isotope Analysis* **Dissertation Advisor:** Dr. T. Douglas Price
2000	Committee on Institutional Cooperation (CIC) Traveling Scholar, Anthropology Department, University of Chicago
2000 MS	University of Wisconsin at Madison (Anthropology)
1997 BA	Beloit College, Beloit, WI (Chemistry, *magna cum laude*)
1994	University of Glasgow, Glasgow, Scotland, United Kingdom

ACADEMIC POSITIONS HELD

Arizona State University

2025-present	Associate Dean of Faculty, The College of Liberal Arts and Sciences
2024-2025	Assistant Dean of Faculty, The College of Liberal Arts and Sciences
2024	Associate Director for Faculty Affairs, School of Human Evolution and Social Change
2017-present	Professor, School of Human Evolution and Social Change
2017-2025	Director, Center for Bioarchaeological Research, School of Human Evolution and Social Change
2012-2016	Associate Director, School of Human Evolution and Social Change
2011-2017	Associate Professor, School of Human Evolution and Social Change
2005-present	Director, Archaeological Chemistry Laboratory, School of Human Evolution and Social Change
2005-2011	Assistant Professor, School of Human Evolution and Social Change

University of Wisconsin at Fond du Lac

2004-2005	Lecturer, Department of Anthropology and Sociology

Ripon College

2003	Lecturer, Department of Anthropology

PEER-REVIEWED JOURNAL ARTICLES (98 TOTAL)

98. 2026	Julianne R. Stamer, Jessica E. Rothwell, Matthew Simonton Stella Chryssoulaki, Kelly J. Knudson, and Jane E. Buikstra. “Investigating the Residential History of the Esplanada Mass Graves at Phaleron, Greece.” *Journal of Archaeological Science: Reports* 74: 105952.

97. 2025 Mariana Dantas and Kelly J. Knudson, “Nuevos aportes desde el análisis de delta18O y delta13C a la movilidad de los camélidos en el Valle de Ambato, Catamarca, Argentina.” *Latin American Antiquity*36(3): 597-615.

96. 2025 Sofía I. Pacheco-Forés, Nicolas Gauthier, Lacey Carpenter, Gwyneth Gordon, and Kelly J. Knudson. “Radiogenic Strontium Isotope Variability in the Valley of Oaxaca: A Predictive Isoscape for Mesoamerican Paleomobility Studies.” *PLOS One* 20(12): e0338628.

95. 2025 Beth K. Scaffidi, Gwyneth Gordon, and Kelly J. Knudson. “Animals, Ancestors, and the Others: Weaving Geographic Distance into Pre-Hispanic Andean Mortuary Landscapes in Early Intermediate Period to Middle Horizon (ca. 100 BCE - 750 CE) Southern Peru.” *Cambridge Archaeological Journal* 35(4):616-632.

94. 2025 Erik J. Marsh, Marcelo Cardillo, Kelly J. Knudson, Allisen Dahlstedt, and Ramiro Barberena, “A Bioavailable Strontium Isoscape for the Andes Based on Machine Learning.” *Journal of Archaeological Science* 184: 106410.

93. 2025 Beth K. Scaffidi, Justin Jennings, Tiffiny A. Tung, Gwyenth Gordon, and Kelly J. Knudson. “Geographic Insularity and Intra-Lifetime Mobility in Late Intermediate Period (ca. 1000-1450 CE) Arequipa, Peru Determined from $^{87}Sr/^{86}Sr$ Isobiographies.” *Journal of Archaeological Science: Reports* 67: 105355.

92. 2025 Alissa Ruth, Cindi SturtzSreetharan, Melissa Beresford, Alexandra Brewis, Shauna B. BurnSilver, Christopher R. Caseldine, Cailtlin Drummond Otten, Emir Estrada, Daniel J. Hruschka, Elisabeth Ilboudo Nébié, Megan Jehn, Kelly J. Knudson, Matthew V. Kroot, Jonathan N. Maupin, Kostalena Michelaki, Christopher Morehart, Robin G. Nelson, Matthew A. Peeples, Kathryn L. Ranhorn, Michael E. Smith, Christopher M. Stojanowski, Amber Wutich and Abigail M. York. “Online Student Engagement in Social Science Research Laboratories: Expert Advice on the Opportunities and Challenges.” *Scholarship and Practice of Undergraduate Research (SPUR)* 8(4):31-38.

91. 2025 Augusto Tessone, Ramiro Barbarena, and Kelly J. Knudson, “Isotopes and Bioarchaeology in the Andes: Diet, Life Histories, and Ritual.” *Archaeometry* 67 (S2): S47-S64.

90. 2024 Amber Wutich, Robin Nelson, L. Zachary DuBois, Claudia M. Astorino, Kelly J. Knudson, Austin W. Reynolds, Erin P. Riley, Rick W.A. Smith, Caroline Vansickle, Stephanie Russo Carroll, Ca’la K. Connors, Jelena Jankovic-Rankovic, Charlayne F. Mitchell, Anais Delilah Roque, and Krystal S. Tsosie. “Rigorous and Systematic Qualitative Data Analysis in Biological Anthropology.” *Yearbook of Biological Anthropology* 186: e70008.

89. 2024 Vicky Oelze, Xueye Wang, Gaëlle Bocksberger, Mimi Arandjelovic, Anthony Agbor, Samuel Angedakin, Floris Aubert, Emmanuel Ayimisin, Emma Bailey, Donatienne Barubiyo, Mattia Bessone, René Bobe,

Matthieu Bonnet, Renée Boucher, Gregory Brazzola, Simon Brewer, Kevin Lee, Susana Carvalho, Rebecca Chancellor, Chloe Cipoletta, Heather Cohen, Sandi Copeland, Katherine Corogenes, Ana Costa, Charlotte Coupland, Bryan Curran, Darryl de Ruiter, Tobias Deschner, Paula Dieguez, Karsten Dierks, Emmanuel Dilambaka, Dervla Dowd, Andrew Dunn, Villard Egbe, Manfred Finckh, Barbara Fruth, Liza Gijanto, Yisa Ginath Yuh, Annemarie Goedmakers, Cameron Gokee, Rui Gomes Coelho, Alan Goodman, Anne-Céline Granjon, Vaughan Grimes, Cyril Grueter, Anne Haour, Daniela Hedwig, Veerle Hermans, R. Adriana Hernandez-Aguilar, Gottfried Hohmann, Inaoyom Imong, Kathryn Jeffery, Sorrel Jones, Jessica Junker, Parag Kadam, Mbangi Kambere, Mohamed Kambi, Ivonne Kienast, Kelly Knudson, Kevin Langergraber, Vincent Lapeyre, Juan Lapuente, Bradley Larson, Thea Lautenschläger, Petrus le Roux, Vera Leinert, Manuel Llana, Amanda Logan, Brynn Lowry, Tina Lüdecke, Giovanna Maretti, Sergio Marrocoli, Rumen Fernandez, Patricia McNeill, Amelia Meier, Paulina Meller, J. Monroe, David Morgan, Felix Mulindahabi, Mizuki Murai, Emily Neil, Sonia Nicholl, Protais Niyigaba, Emmanuelle Normand, Lucy Ormsby, Orume Diotoh, Liliana Pacheco, Alex Piel, Jodie Preece, Sebastien Regnaut, Francois Richard, Michael P. Richards, Aaron Rundus, Crickette Sanz, Volker Sommer, Matt Sponheimer, Teresa Steele, Fiona Anne Stewart, Nikki Tagg, Luc Roscelin Tédonzong, Alexander Tickle, Lassané Toubga, Joost van Schijndel, Virginie Vergnes, Nadege Njomen, Erin Wessling, Jacob Willie, Roman Wittig, Kyle Yurkiw, Andrew Zipkin, Klaus Zuberbühler, Hjalmar Kühl, and Christophe Boesch. “Strontium Isoscape of Sub-Saharan Africa Allows Tracing Origins of Victims of the Transatlantic Slave Trade.” *Nature Communications* 15: 10891.

88. 2024 Allisen C. Dahlstedt, Sarah I. Baitzel, Paul S. Goldstein, and Kelly J. Knudson, “Migration Scale, Process, and Impact in the Tiwanaku Colonies: Paleomobility at the Archaeological Site of Omo M10.” *American Journal of Biological Anthropology* 185(4):e25016.

87. 2024 Jamie Hodgkins, Alex Bertacchi, Kelly J. Knudson, Troy Rasbury, Julia I. Giblin, Gwyneth Gordon, Ariel Anbar, Alain Turq, Dennis Sandgathe, Hannah M. Keller, Kate Britton, and Shannon P. McPherron. “Late Pleistocene Prey Mobility in Southwestern France and its Implications for Reconstructing Neandertal Ranging Behaviors.” *Quaternary Science Reviews* 331: 108610.

86. 2023 Alex Bertacchi, Andrew M. Zipkin, Julia I. Giblin, Gwyneth Gordon, Tyler Goepfert, and Kelly J. Knudson. “Trace Element Concentrations as Proxies for Diagenetic Alteration in the African Archaeofaunal Record: Implications for Isotope Analysis.” *Journal of Archaeological Science: Reports* 53: 104403.

85. 2023 Mallory Melton, Aleksa K. Alaica, Matt Biwer, Luis Manuel González La Rosa, Gwyneth Gordon, Kelly J. Knudson, Amber VanDerwarker, and Justin Jennings. “Reconstructing Middle Horizon Camelid Diets and

Foddering Practices: Microbotanical and Isotope Analyses of Dental Remains from Quilcapampa, Peru." *Latin American Antiquity* 23(4): 783-803.

84. 2023 Erik J. Marsh, Alexei Vranich, Deborah E. Blom, Maria Bruno, Katharine Davis, Jonah Augustine, Nicole C. Couture, Santiago Ancapichún, Kelly J. Knudson, Danijela Popović, and Gianni Cunietti. "The Center Cannot Hold: A Bayesian Chronology for the Collapse of Tiwanaku." *PLOS One* 18(11): e0288798.

83. 2023 Sean G. Dolan, Andrew T. Ozga, Karl W. Laumbach, John Krigbaum, Aurélie Manin, Christopher W. Schwartz, Anne C. Stone, and Kelly J. Knudson, "Understanding Turkey Managements in the Mimbres Valley of Southwestern New Mexico Using Ancient Mitochondrial DNA and Stable Isotopes." *American Antiquity* 88(1): 41-61.

82. 2023 Christine A. Hastorf, Katherine M. Moore, Irene E. Smail, Rachael Penfil, Patrick Ryan Williams, Danielle J. Riebe, and Kelly J. Knudson, "Formative Exchange in the Andean Titicaca Basin: Isotopic Camelid Data, and Lithic Sourcing: Evidence from the Taraco Peninsula, Bolivia." *Ñawpa Pacha* 43(1): 27-53.

81. 2023 Gwen Robbins Schug, Jane Buikstra, Sharon DeWitte, Brenda Baker, Elizabeth Berger, Michele Buzon, Anne Davies Barrett, Lynn Goldstein, Anne Grauer, Siân Halcrow, Kelly J. Knudson, Clark Spencer Larsen, Debra Martin, Kenneth Nystrom, Megan Perry, Ana Luisa Santos, Charlotte Roberts, Vivien Standen, Christopher Stojanowski, Jorge Suby, Daniel Temple, Tiffiny Tung, Melandri Vlok, Dong Yu, and Sonia Zakrzewski, "Climate Change, Human Health, and Challenges to Resilience." *Proceedings of the National Academy of Sciences* 120(4): e2209472120.

80. 2022 Aleksa K. Alaica, Beth K. Scaffidi, Luis Manuel González La Rosa, Justin Jennings, Kelly J. Knudson, and Tiffiny Tung. "Flexible Agropastoral Strategies During the First Millennium CE in Southern Peru: Examining *Yunga* Arequipa Camelid Husbandry Practices Through Stable Isotope Analysis in the Majes and Siguas Valleys." *Quaternary International* 634:48-64.

79. 2022 Christina M. Torres, Kelly J. Knudson, and William Pestle, "A Multiplicity of Identities: The Intersections of Cranial Vault Modification, Paleodiet, and Sex in San Pedro de Atacama, Chile." *American Journal of Biological Anthropology* 179(4): 552-567.

78. 2022 Clarisa Otero, Néstor Centeno, Maria Laura Fuchs, Maria Soledad Gheggi, Verónica Seldes, and Kelly J. Knudson, "Comportamiento Mortuorio Durante la Caida del Imperio Inca en el Pucara de Tilcara (Quebrada de Humahuaca, Jujuy). Aportes Desde la Entomologia Forense y la Bioanthropologia." *Latin American Antiquity* 33(3): 540-555.

77. 2022 Jane E. Buikstra, Sharon N. DeWitte, Sabrina C. Agarwal, Brenda J. Baker, Eric Bartelink, Elizabeth Berger, Kelly E. Blevins, Katelyn Bolhofner, Alexis T. Boutin, Megan D. Brickley, Michele R. Buzon,

Carlina de la Cova, Lynne Goldstein, Anne L. Grauer, Lesley A. Gregoricka, Siân E. Halcrow, Sarah A. Hall, Simon Hillson, Ann M. Kakaliouras, Haagen D. Klaus, Kelly J. Knudson, Christopher J. Knüsel, Clark Spencer Larsen, Debra L. Martin, George R. Milner, Mario Novak, Kenneth C. Nystrom, Sofia I. Pacheco-Forés, Tracey L. Prowse, Gwen Robbing Schug, Charlotte A. Roberts, Jessica E. Rothwell, Ana Luisa Santos, Christopher M. Stojanowski, Anne C. Stone, Kyra E. Stull, Daniel H. Temple, Christina M. Torres, J. Marla Toyne, Tiffiny A. Tung, Jaime Ullinger, Karin Wiltschke-Schrotta, and Sonia R. Zakrewski. "21st Century Bioarchaeology: Taking Stock and Moving Forward". *Yearbook of Biological Anthropology* 178 (S74): 54-114.

76. 2022 Christina Torres-Rouff, Gonzalo Pimentel C., William J. Pestle, Mariana Ugarte F., and Kelly J. Knudson, "The Life and Death of a Child: Mortuary and Bodily Manifestations of Coast/Interior Interactions During the Late Formative Period (AD 100-400)." *Latin American Antiquity* 33(1): 187-204.

75. 2021 Beth K. Scaffidi, Tiffiny A. Tung, and Kelly J. Knudson, "Seasonality or Short-term Mobility among Trophy Head Victims and Villagers?: Understanding Late-life Dietary Change in the Pre-Hispanic Andes through Stable Isotope Analysis (δ13C/δ15N) of Archaeological Hair Keratin and Bone Collagen." *Journal of Archaeological Science: Reports* 39: e103152.

74. 2021 Hannah Lau, Gwyneth Gordon, and Kelly J. Knudson, "Reconstructing Feast Provisioning at Halaf Domuztepe: Evidence from Radiogenic Strontium Analyses." *Journal of Archaeological Science* 131: e105408.

73. 2021 Élie Pinta, Sofía Pacheco-Forés, Euan P. Wallace, and Kelly J. Knudson. "Provenancing Wood Used in the Norse Greenlandic Settlements: A Biogeochemical Study Using Hydrogen, Oxygen, and Strontium Isotopes." *Journal of Archaeological Science* 131: e105407.

72. 2021 Allisen C. Dahlstedt, Emily E. Schach, Sarah I. Baitzel, and Kelly J. Knudson. "Stable Oxygen and Radiogenic Strontium Variability in the Osmore Drainage, Peru: Implications for Intra-Regional Andean Paleomobility Studies." *Journal of Archaeological Science: Reports* 37: e10293.

71. 2021 Marta Díaz-Zorita Bonilla, E. Subirá, M. Fontanals-Coll, Kelly J. Knudson, Elise Alonzi, Katelyn Bolhofner, B. Morell, G. Remolins, J. Roig, A. Martín, P. González Marcén, J. Plasencia, J.M. Coll, and J.F. Gibaja. "Neolithic Networking and Mobility During the 5th and 4th Millenia BC in North-Eastern Iberia." *Journal of Archaeological Science* 125: e105272.

70. 2021 Christopher W. Schwartz, Andrew D. Somerville, Ben A. Nelson, and Kelly J. Knudson, "Investigating Pre-Hispanic Scarlet Macaw Origins through Radiogenic Strontium Isotope Analysis at Paquimé in Chihuahua, Mexico." *Journal of Anthropological Archaeology* 61: e101256.

69. 2021 Sofía I. Pacheco-Forés, Christopher T. Morehart, Jane E. Buikstra, Gwyneth W. Gordon, and Kelly J. Knudson. "Migration, Violence and the "Other": A Biogeochemical Approach to Identity-Based Violence in the Epiclassic Basin of Mexico." *Journal of Anthropological Archaeology* 61: e101263.

68. 2020 Beth K. Scaffidi, Tiffiny Tung, Gwyneth Gordon, Luis Manuel Gonzalez de la Rosa, Sara Marsteller, Allisen Dahlstedt, Emily Schach, and Kelly J. Knudson. "Drinking Locally: Testing a Surface Water 87Sr/86Sr Isoscape for Geolocation of Archaeological Samples in the Andes." In special section entitled "A Golden Age for Strontium Isotope Research? Current Advances in Paleoecological and Archaeological Research" and edited by Brooke Crowley, Clement Pierre Bataille, Kate Britton, Joshua H Miller, and Matthew Wooller. *Frontiers in Ecology and Evolution – Paleoecology* 8:1-12.

67. 2020 Deborah E. Blom and Kelly J. Knudson, "Paleopathology and Children in the Andes: Local/Situated Biologies and Future Directions". In *Paleopathology of Andean South America: 20 Years of Advances and Future Prospects*, a special section edited by Melissa S. Murphy, Haagen J. Klaus, and J. Marla Toyne in the *International Journal of Paleopathology* 29: 65-75.

66. 2020 Aleksa K. Alaica, Luis Manuel González la Rosa, and Kelly J. Knudson. "Creating a Body-Subject in the Late Moche Period (CE 650-850): Bioarchaeological and Biogeochemical Analyses of Human Offerings from Huaca Colorada, Jequetepeque Valley, Peru." *World Archaeology* 52(1):49-70.

65. 2020 Elise Alonzi, Sofía Pacheco-Forés, Gwyneth Gordon, Ian Kuijt, and Kelly J. Knudson, "New Understandings of the Sea Spray Effect and Its Impact on Bioavailable Radiogenic Strontium Isotope Ratios in Coastal Environments." *Journal of Archaeological Science: Reports* 33:102462.

64. 2020 Sofía I. Pacheco-Forés, Gwyneth W. Gordon, and Kelly J. Knudson. "Expanding $^{87}Sr/^{86}Sr$ Baseline Data for Central Mexican Paleomobility Studies." *PLoS One*: 15(2): e0229687.

63. 2020 Beth Koontz Scaffidi and Kelly J. Knudson, "An Archaeological Strontium Isoscape for the Prehistoric Andes: Understanding Population Mobility Through a Geostatistical Meta-Analysis of Archaeological $^{87}Sr/^{86}Sr$ Values from Humans, Animals." *Journal of Archaeological Science* 117: 105212.

62. 2020 Kathryn Grow Allen, Ryan D. Mills, Kelly J. Knudson, and Noreen Von Cramon-Taubadel, "Biological Diversity in an Islamic Archaeological Population: A Radiogenic Strontium Isotope and Craniometric Analysis of Affinity in Ottoman Romania." *American Journal of Physical Anthropology* 171:569-583.

61. 2019 Elise Alonzi, Niamh Daly, Gwyneth Gordon, Rachel E. Scott, and Kelly J. Knudson, "Traveling Monastic Paths: Mobility and Religion at Medieval Irish Monasteries." *Journal of Anthropological Archaeology* 55: 101077.

60. 2019 Hannah Chazin, Gwyneth Gordon, and Kelly J. Knudson, "Isotopic Perspectives on the Question of Pastoralist Mobility in the Late Bronze Age South Caucasus." *Journal of Anthropological Archaeology* 54: 48-67.

59. 2018 Gwyneth W. Gordon, Tiffany Saul, Dawnie Steadman, Daniel J. Westcott, and Kelly J. Knudson, "Preservation of Hair Stable Isotope Signatures During Freezing and Law Enforcement Evidence Packaging." *Forensic Chemistry* 11:108-119.

58. 2018 Anna C. Novotny, Jaime J. Awe, Catharina E. Santasilia, and Kelly J. Knudson, "Ritual Emulation of Ancient Maya Elite Mortuary Traditions During the Classic Period at Cahal Pech, Belize." *Latin American Antiquity* 29(4):641-659.

57. 2018 Charles Stanish, Henry Tantalean, and Kelly J. Knudson, "Feasting and the Evolution of Cooperative Social Organizations Circa 2300 BP in Paracas Culture, Southern Peru." *Proceedings of National Academy of Sciences* 115(29): E6716-E6721.

56. 2018 Víctor A. Durán, Valeria Cortegoso, Ramiro Barberena, Cecilia Frigolé, Paula Novellino, Gustavo Lucero, Lucía Yebra, Alejandra Gasco, Diego Winocur, Anahí Benítez, and Kelly J. Knudson, "'To and Fro' the Southern Andean Highlands (Argentina and Chile): Archaeometric Insights on Geographic Vectors of Mobility." *Journal of Archaeological Science: Reports* 18: 668-678.

55. 2018 Tiffiny A. Tung and Kelly J. Knudson, "Stable Isotope Analysis of Wari Era Human Skeletons, Fauna, and Plants: A Reconstruction of Community Diets in the Periphery of the Ancient Wari Empire, Peru." *American Journal of Physical Anthropology* 165(1): 149-172.

54. 2017 Marta Diaz-Zorita Bonilla, Kelly J. Knudson, Javier Escudero Carrillo, Herve Bocherens, and Leonardo García Sanjuán, "Mobility Patterns and Paleodietary Insights Into Humans and Cattle at the Copper Age Mega-Site of Valencina (Seville, Spain) through $\delta^{18}O$ and $\delta^{13}C$ Isotope Analyses." *MENGA: Revista de Prehistoria de Andalucía* (*MENGA: Journal of Andalusian Prehistory*) 7: 53-70.

53. 2017 Sara J. Marsteller, Kelly J. Knudson, Gwyneth Gordon, and Ariel Anbar, "Biogeochemical Reconstructions of Life Histories as a Method to Assess Regional Interactions: Stable Oxygen and Radiogenic Strontium Isotopes and Late Intermediate Period Mobility on the Central Peruvian Coast." *Journal of Archaeological Science: Reports* 13:535-546.

52. 2017 Ramiro Barberena, Víctor A. Durán, Paula Novellino, Diego Winocur, Anahí Benítez, Augusto Tessone, María N. Quiroga, Erik J. Marsh, Alejandra Gasco Valeria Cortegoso, Gustavo Lucero, Carina Llano, and Kelly J. Knudson, "Scale of Human Mobility in the Southern Andes (Argentina and Chile): A Preliminary Framework Based on Strontium and Oxygen Isotopes." *American Journal of Physical Anthropology* 164: 305-320.

51. 2017 Christina Torres-Rouff and Kelly J. Knudson, “Integrating Identities: An Innovative Bioarchaeological and Biogeochemical Approach to Analyzing the Multiplicity of Identities in the Mortuary Record.” Major Article with Commentary in *Current Anthropology* 58(3): 381-409.

50. 2017 Kelly J. Knudson, Miłosz Giersz, Wiesław Wieckowski, and Weronika Tomczyk, “Reconstructing the Lives of Wari Elites: Paleomobility and Paleodiet at the Archaeological Site of Castillo de Huarmey, Peru.” *Journal of Archaeological Science: Reports* 13: 249-264.

49. 2017 Sara J. Marsteller, Natalya Zolotova, and Kelly J. Knudson, “Investigating Economic Specialization on the Central Peruvian Coast: A Reconstruction of Late Intermediate Period Ychsma Diet Using Stable Isotopes.” *American Journal of Physical Anthropology* 162: 300-317.

48. 2017 Kristin L. Nado, Natalya Zolotova, and Kelly J. Knudson, “Paleodietary Analysis of the Sacrificial Victims from the Feathered Serpent Pyramid, Teotihuacan.” *Archaeological and Anthropological Sciences* 9(1): 117-132.

47. 2016 Mariana Dantas and Kelly J. Knudson, “Isótopos de estroncio: cría, circulación y apropiación de camélidos en Aguada de Ambato (Catamarca, Argentina) (Strontium Isotopes: Breeding, Circulation, and Appropriation of Camelids in Aguada de Ambato (Catamarca, Argentina).” *Intersecciones en Antropología* 17: 239-250.

46. 2016 Kelly J. Knudson, Charles Stanish, Maria Cecilia Lozada Cerna, Kym F. Faull, and Henry Tantalean, “Intra-Individual Variability and Strontium Isotope Measurements: A Methodological Study Using $^{87}Sr/^{86}Sr$ Data from Pampa de los Gentiles, Chincha Valley, Peru.” *Journal of Archaeological Science: Reports* 5:590-597.

45. 2015 Christina Torres-Rouff, Kelly J. Knudson, Emily M. Stovel, and William J Pestle, “Tiwanaku Influence and Social Inequality in San Pedro de Atacama, Northern Chile: A Bioarchaeological, Biogeochemical, and Contextual Analysis of the Larache Cemetery.” *American Journal of Physical Anthropology* 158(4): 592-606.

44. 2015 Andrew Somerville, Paul S. Goldstein, Sarah I. Baitzel, Karin Bruwellheide, Allisen Dahlstedt, Kelly J. Knudson, and Margaret J. Schoeninger, “Diet and Gender in the Tiwanaku Colonies: Stable Isotope Analysis of Human Bone Collagen and Apatite from Moquegua, Peru.” *American Journal of Physical Anthropology* 158(3): 408-422.

43. 2015 Kelly J. Knudson, Christina Torres-Rouff, and Christopher M. Stojanowski, “Investigating Human Responses to Political and Environmental Change through Paleomobility and Paleodiet.” *American Journal of Physical Anthropology* 157: 179-201.

42. 2015 William J. Pestle, Christina Torres-Rouff, Mark Hubbe, Francisca Santana S., Gonzalo Pimentel, Francisco Gallardo, and Kelly J. Knudson, “Explorando la diversidad dietética en la prehistoria del desierto de Atacama: Un acercamiento a los patrones regionales

(Exploring Dietary Diversity in the Prehistoric Atacama: An Approximation of Regional Patterns).” *Chungara* 47 (2): 201-209.

41. 2015 Kelly J. Knudson, Ann H. Peters, and Elsa Tomasto Cagigao, “Paleodiet in the Paracas Necropolis of Wari Kayan: Carbon and Nitrogen Isotope Analysis of Keratin Samples from the South Coast of Peru.” *Journal of Archaeological Science* 55: 231-243.

40. 2014 Kelly J. Knudson, Paul S. Goldstein, Allisen Dahlstedt, Andrew Somerville, and Margaret J. Schoeninger, “Paleomobility in the Tiwanaku Diaspora: Biogeochemical Analyses at Rio Muerto, Moquegua, Peru.” *American Journal of Physical Anthropology* 155(3): 405-421.

39. 2014 Kelly J. Knudson, Emily Webb, Christine White, and Fred J. Longstaffe, “Baseline Data for Andean Paleomobility Research: A Radiogenic Strontium Isotope Study of Modern Peruvian Agricultural Soils.” *Archaeological and Anthropological Sciences* 6(3): 205-219.

38. 2014 Kelly J. Knudson and Christina Torres-Rouff, “Cultural Diversity and Paleomobility in the Andean Middle Horizon: Radiogenic Strontium Isotope Analysis in the San Pedro de Atacama Oases of Northern Chile.” *Latin American Antiquity* 25(2): 170-188.

37. 2014 Christopher M. Stojanowski and Kelly J. Knudson, “Changing Patterns of Mobility as a Response to Climatic Deterioration and Aridification in the Middle Holocene Southern Sahara.” *American Journal of Physical Anthropology* 154(1): 79-93.

36. 2013 Christina Torres-Rouff, Kelly J. Knudson, and Mark Hubbe, “Issues of Affinity: Exploring Population Structure in the Middle and Regional Developments Periods of San Pedro de Atacama, Chile.” *American Journal of Physical Anthropology* 152(3): 370-382.

35. 2012 Kelly J. Knudson, William J. Pestle, Christina Torres-Rouff and Gonzalo Pimentel, “Assessing the Life History of an Andean Traveler through Biogeochemistry: Stable and Radiogenic Isotope Analyses of Archaeological Human Remains from Northern Chile.” *International Journal of Osteoarchaeology* 22(4): 435-451.

34. 2012 Kristin L. Nado, Sara J. Marsteller, Laura M. King, Blair M. Daverman, Christina Torres-Rouff, and Kelly J. Knudson, “Examining Local Social Identities through Patterns of Biological and Cultural Variation in the Solcor *Ayllu*, San Pedro de Atacama, Chile.” *Chungara* 44(2): 341-357.

33. 2012 Julia I. Giblin, Kelly J. Knudson, Zsolt Bereczki, Gyorgy Palfi, and Ildiko Pap, “Strontium Isotope Analysis and Human Mobility during the Neolithic and Copper Age: A Case Study from the Great Hungarian Plain.” *Journal of Archaeological Science* 40(1): 227-239.

32. 2011 Kelly J. Knudson and Liam Frink, “Nitrogen Isotope Analysis in the Arctic: Identifying Fish Processing and Marine Resource Use through Ethnoarchaeological Soil Analysis on Nelson Island, Alaska.” *Alaska Journal of Anthropology* 9(2): 17-54.

31. 2011 Tiffiny A. Tung and Kelly J. Knudson, “Identifying Locals, Migrants and Captives in the Wari Heartland: A Bioarchaeological and

Biogeochemical Study of Human Remains from Conchopata, Peru." *Journal of Anthropological Archaeology* 30(3): 247-261.

30. 2011 Kelly J. Knudson, Kristin R. Gardella, and Jason Yaeger, "Provisioning Inka Feasts at Tiwanaku, Bolivia: The Geographic Origins of Camelids in the Pumapunku Complex." *Journal of Archaeological Science* 39(2): 479-491.

29. 2011 Kelly J. Knudson, Barra O'Donnabhain, Charisse Carver, Robin Cleland, and T. Douglas Price, "Migration and Viking Dublin: Paleomobility and Paleodiet through Isotopic Analyses." *Journal of Archaeological Science* 39(2): 308-320.

28. 2011 Christopher M. Stojanowski and Kelly J. Knudson, "Biogeochemical Inference of Mobility of Early Holocene Fisher-Foragers from the Central Sahara Desert." *American Journal of Physical Anthropology* 146(1): 49-61.

27. 2011 Kelly J. Knudson and Tiffiny A. Tung, "Investigating Regional Mobility in the Southern Hinterland of the Wari Empire: Biogeochemistry at the Site of Beringa, Peru." *American Journal of Physical Anthropology* 145(2): 299-310.

26. 2011 Sara J. Marsteller, Christina Torres-Rouff, and Kelly J. Knudson, "Pre-Columbian Andean Sickness Ideology and the Social Experience of Leishmaniasis: A Contextualized Analysis of Bioarchaeological and Paleopathological Data from San Pedro de Atacama, Chile." *International Journal of Paleopathology* 1: 24-34.

25. 2010 Eleni Anna Prevedorou, Marta Díaz-Zorita Bonilla, Alejandro Romero, M. Paz de Miguel Ibañez, Jane E. Buikstra, and Kelly J. Knudson, "Residential Mobility and Dental Decoration in Early Medieval Spain: Results from the Eighth Century Site of Plaza del Castillo, Pamplona." *Dental Anthropology* 23(2): 42-52.

24. 2010 Liam Frink and Kelly J. Knudson, "Using Ethnoarchaeology and Soils Chemistry to Examine Herring and Salmon Fisheries on the Arctic Alaskan Coast." *North American Archaeologist* 31(2): 221-248.

23. 2010 Kelly J. Knudson and Liam Frink, "Soil Chemical Signatures of a Historic Sod House: Activity Area Analysis of an Arctic Semi-Subterranean Structure on Nelson Island, Alaska." *Archaeological and Anthropological Sciences* 2(4): 265-282.

22. 2010 Kelly J. Knudson, Hope M. Williams, Jane E. Buikstra, Paula Tomczak, Gwyneth Gordon, and Ariel D. Anbar, "Introducing $\delta^{88/86}$Sr Analysis in Archaeology: A Demonstration of the Utility of Strontium Isotope Fractionation in Paleodietary Studies." *Journal of Archaeological Science* 37(9): 2352-2364.

21. 2010 Kelly J. Knudson and Liam Frink, "Ethnoarchaeological Analysis of Arctic Fish Processing: Chemical Characterization of Soils on Nelson Island, Alaska." *Journal of Archaeological Science* 37(4): 769-783.

20. 2010 Tiffiny A. Tung and Kelly J. Knudson, "Childhood Lost: Abductions, Sacrifice and Trophy Heads of Children in the Wari Empire of the Ancient Andes." *Latin American Antiquity* 22(1): 44-66.

19. 2010 Andrew D. Somerville, Ben A. Nelson, and Kelly J. Knudson, "Isotopic Investigation of Pre-Hispanic Macaw Breeding in Northwest Mexico." *Journal of Anthropological Archaeology* 29: 125-135.

18. 2009 A. Romero, M. Paz de Miguel Ibañez, Jane E. Buikstra, Kelly J. Knudson, Eleni Anna Prevedorou, Marta Díaz-Zorita Bonilla, and J. de Juan, "Mutilación dentaria en la Necrópolis Islámica de Plaza del Castillo (siglo VIII DC), Pamplona (Navarra) (Dental Mutlilation in the Islamic Necropolis of Plaza del Castillo (8th century AD), Pamplona (Navarra)." *Revista Española de Antropología Física* 29: 1-14.

17. 2009 Kelly J. Knudson, Sloan R. Williams, Rebecca Osborne, Kathleen Forgey, and Patrick Ryan Williams, "The Geographic Origins of Nasca Trophy Heads in the Kroeber Collection Using Strontium, Oxygen, and Carbon Isotope Data." *Journal of Anthropological Archaeology* 28 (2): 244-257.

16. 2009 Kelly J. Knudson, "Oxygen Isotope Analysis in a Land of Environmental Extremes: The Complexities of Isotopic Work in the Andes." *International Journal of Osteoarchaeology* 19 (2): 171-191. Published in a special issue entitled, "Archaeology and Stable Isotopes in Southern South America: Hunter-Gatherers, Pastoralism, and Agriculture" and co-edited by Ramiro Barberena, Adolfo Gil, Gustavo Neme, and Robert Tykot.

15. 2009 Kelly J. Knudson and Christina Torres-Rouff, "Investigating Cultural Heterogeneity in San Pedro de Atacama, Northern Chile through Biogeochemistry and Bioarchaeology." *American Journal of Physical Anthropology* 138 (4): 473-485.

14. 2008 Alicia K. Wilbur, Amy J. Farnbach, Kelly J. Knudson, and Jane E. Buikstra, "Diet, Disease and the Paleopathological Record." *Current Anthropology* 49 (6): 963-991.

13. 2008 Tiffiny A. Tung and Kelly J. Knudson, "Social Identities and Geographical Origins of Wari Trophy Heads from Conchopata, Peru." *Current Anthropology* 49 (5): 915-925.

12. 2008 Kelly J. Knudson and Christopher M. Stojanowski, "New Directions in Bioarchaeology: Recent Contributions to the Study of Human Social Identities." Invited publication in *Journal of Archaeological Research* 16 (4): 397-432.

11. 2008 Paul C. Sereno, Elena A. A. Garcea, Hélène Jousse, Christopher M. Stojanowski, Jean-François Saliège, Abdoulaye Maga, Oumarou Ide, Kelly J. Knudson, Maria Mercuri, Thomas W. Stafford, Thomas G. Kaye, Carlo Giraudi, and Isabella Massamba N'siala, "Lakeside Cemeteries in the Sahara: 5000 Years of Holocene Population and Environmental Change." *PLOS One* 3 (8): 1-22.

10. 2008 Kelly J. Knudson, "Tiwanaku Influence in the South Central Andes: Strontium Isotope Analysis and Middle Horizon Migration." *Latin American Antiquity* 19 (1): 3-23.

9. 2007 Christina Torres-Rouff and Kelly J. Knudson, "Examining the Life History of an Individual from Solcor 3, San Pedro de Atacama:

Combining Bioarchaeology and Archaeological Chemistry." *Chungara: Revista Andina* 39 (2): 235-257.

8. 2007 Kelly J. Knudson and Jane E. Buikstra, "Residential Mobility and Resource Use in the Chiribaya Polity of Southern Peru: Strontium Isotope Analysis of Archaeological Tooth Enamel and Bone." *International Journal of Osteoarchaeology* 17 (6): 563-580.

7. 2007 Kelly J. Knudson, "La influencia de Tiwanaku en San Pedro de Atacama: Una investigación por los isótopos del estroncio (The Influence of Tiwanaku in San Pedro de Atacama: An Investigation using Strontium Isotope Analysis)." *Estudios Atacameños* 33: 7-24.

6. 2007 Kelly J. Knudson, Arthur E. Aufderheide, and Jane E. Buikstra, "Seasonality and Paleodiet in the Chiribaya Polity of Southern Peru." *Journal of Archaeological Science* 34 (3): 451-462.

5. 2007 Kelly J. Knudson and T. Douglas Price, "Utility of Multiple Chemical Techniques in Archaeological Residential Mobility Studies: Case Studies from Tiwanaku- and Chiribaya-Affiliated Sites in the Andes." *American Journal of Physical Anthropology* 132 (1): 25-39.

4. 2005 Kelly J. Knudson, Tiffiny A. Tung, Kenneth C. Nystrom, T. Douglas Price and Paul D. Fullagar, "The Origin of the Juch'uypampa Cave Mummies: Strontium Isotope Analysis of Archaeological Human Remains from Bolivia." *Journal of Archaeological Science* 32 (6): 903-913.

3. 2004 Kelly J. Knudson, T. Douglas Price, Jane E. Buikstra, and Deborah E. Blom. "The Use of Strontium Isotope Analysis to Investigate Tiwanaku Migration and Mortuary Ritual in Bolivia and Peru." *Archaeometry* 46 (1): 5-18. Published in a special issue entitled, "Resolution and Refinement: Recent Advances in Archaeological Chemistry" and co-edited by Kelly J. Knudson and David C. Meiggs with advisory editor Michael Richards.

2. 2004 David C. Meiggs and Kelly J. Knudson, "Resolution and Refinement: Recent Advances in Archaeological Chemistry: Introductory Comments." *Archaeometry* 46 (1): 1-4. Published in a special issue entitled, "Resolution and Refinement: Recent Advances in Archaeological Chemistry" and co-edited by Kelly J. Knudson and David C. Meiggs with advisory editor Michael Richards.

1. 2004 Kelly J. Knudson, Lisa Frink, Brian Hoffman and T. Douglas Price. "Chemical Characterization of Arctic Soils: Activity Area Analysis in Contemporary Yup'ik Fish Camps Using ICP-AES." *Journal of Archaeological Science* 31 (4): 443-456.

PEER-REVIEWED BOOK CHAPTERS (23 TOTAL)

23. 2023 Kelly J. Knudson and Christina M. Torres, "Migration and Paleomobility in the Face of Environmental Change and Political Collapse: Case Studies from San Pedro de Atacama, Northern Chile." In *Exploring Human Behavior with Isotope Analysis: Applications in Archaeological Research*, co-edited by Melanie Beasley and Andrew Somerville and

published in the series *Interdisciplinary Contributions to Archaeology*, edited by Jelmer Eerkens. Springer: New York, pages 249-266.

22. 2023 Kelly J. Knudson, Christina M. Torres, and William Pestle, "Isotopic Analyses in the Andes: From the Macro- to Micro-Scale." In *Isotopic Proveniencing and Mobility: The Current State of Research*, edited by T. Douglas Price and published in the series *Interdisciplinary Contributions to Archaeology*, edited by Jelmer Eerkens. Springer: New York, pages 29-66.

21. 2023 Kelly J. Knudson, Marcos de la Rosa-Martinez, Alexandra Greenwald, and Deborah E. Blom, "Paleodiet Outside of the Tiwanaku Heartland: Isotopic Analysis of Individuals Buried at Tiwanaku-Affiliated Sites in the Moquegua Valley, Peru." In *Foodways of the Ancient Andes: Transforming Diet, Cuisine, and Society*, edited by Marta P. Alfonso-Durruty and Deborah E. Blom, and part of the Amerind Seminar Program. University of Arizona Press: Tucson, AZ, pages 133-157.

20. 2022 Aleksa K. Alaica, Luis Manuel Gonzalez la Rosa, Luis Armando Muro, Gwyneth Gordon, and Kelly J. Knudson. "Camelid Caravans and Middle Horizon Exchange Networks: Insights from the Late Moche Jequetepeque Valley of Northern Peru." In *Caravans in Socio-Cultural Perspective: Past and Present*, edited by Persis Clarkson and Calogero Santoro. Routledge: New York, pages 122-144.

19. 2020 Kelly J. Knudson, Christina Torres-Rouff, and Aliya R. Hoff, "Intersectionality and the Multiplicity of Identities in the Andean Past." In *Bioarchaeology and Identity Revisited*, published in the series *Bioarchaeological Interpretations of the Human Past: Local, Regional, and Global Perspectives*, edited by Clark Spencer Larsen. University Press of Florida: Gainesville, Florida, pages 185-198.

18. 2020 Christopher M. Stojanowski and Kelly J. Knudson, "Identity Revisited: A Brief Introduction." Manuscript submitted for publication in *Bioarchaeology and Identity Revisited*, published in the series *Bioarchaeological Interpretations of the Human Past: Local, Regional, and Global Perspectives*, edited by Clark Spencer Larsen. University Press of Florida: Gainesville, Florida, pages 1-19.

17. 2018 Izumi Shimada, Rafael Segura Llanos, Kelly J. Knudson, Ken-ichi Shinoda, Mai Takigami, and Ursel Wagner, "Pachacamac: Su imagen, funcionamiento y visitantes segun la arqueología y la etnohistoria (Pachacamac: Its Image, Function, and Visitors through Archaeology and Ethnohistory)." In *Interpretando Huellas: Arqueología, Etnohistoria y Etnografia de los Andes y sus Tierras Bajas,* edited by María de los Angeles Muñoz. Cochabamba, Bolivia: Grupo Editorial Kipus, pages 33-50.

16. 2017 Susana del Risco, Deborah E. Blom, Kelly J. Knudson, and Raquel Moscoso Paredes, "Enfoque bioarqueológico y biogeoquímico en la niñez de Tiwanaku: Intersección de identidades sociales y biológicas locales en Los Andes – Moquegua (Bioarchaeological and Biogeochemical focus on Tiwanaku Childhoods: Intersection of Social

Identities and Local Biologies in the Andes, Moquegua)." *Actas del II Congreso Nacional de Arqueología, Volumen 2.* Congreso Nacional de Arqueología. Lima, Peru: Ministerio de Cultura, pages 97-107.

15. 2015 Christina Torres-Rouff, Kelly J. Knudson, and Mark Hubbe, "Afinidades biológicas entre la población de San Pedro de Atacama durante el Período Medio: Un análisis de rasgos discretos (Biological Affinities in the Population of San Pedro de Atacama during the Middle Horizon: An Analysis of Discrete Traits)." In *El Horizonte Medio: Nuevos Aportes para el Sur de Perú, Norte de Chile y Bolivia*, co-edited by Antti Korpisaari and Juan Chacama. Instituto Francés de Estudios Andinos: Lima, Peru, pages 247-264.

14. 2015 Kelly J. Knudson and Christina Torres-Rouff, "Migration as a Response to Environmental and Political Disruption: The Middle Horizon and the Late Intermediate Period in the South Central Andes." In *Migrations and Disruptions: Toward a Unified Theory of Ancient and Contemporary Migrations*, co-edited by Brenda J. Baker and Takeyuki Tsuda. University Press of Florida: Gainesville, Florida, pages 123-144.

13. 2015 Takeyuki Tsuda, Brenda Baker, George Cowgill, James Eder, Kelly J. Knudson, Jonathan Maupin, Lisa Meierotto and Rachel Scott, "Unifying Themes in the Studies of Ancient and Contemporary Migrations." In *Migrations and Disruptions: Toward a Unified Theory of Ancient and Contemporary Migrations*, co-edited by Brenda J. Baker and Takeyuki Tsuda. University Press of Florida: Gainesville, Florida, pages 15-32.

12. 2014 Deborah E. Blom and Kelly J. Knudson, "Tracing Tiwanaku Childhoods: A Bioarchaeological Study of Age and Identity in Tiwanaku Society." In *Tracing Childhood: Bioarchaeological Investigations of Early Lives in Antiquity*, edited by Jennifer L. Thompson, Marta Alfonso-Durruty, and John J. Crandall and published in the series *Bioarchaeological Interpretations of the Human Past: Local, Regional, and Global Perspectives*, edited by Clark Spencer Larsen. University Press of Florida: Gainesville, Florida, pages 228-245.

11. 2014 Kelly J. Knudson, "La migración en la cultura Sicán: Análisis del movimiento población en el pasado usando la geología y la química (Sicán Migration: Analyzing Population Movement in the Past Using Geology and Chemistry)." In *Cultura Sicán: Esplendor Preincaico de la Costa Norte (Sicán Culture: Pre-Inkaic Splendor in the North Coast)*, edited by Izumi Shimada. Editorial Congreso del Perú: Lima, Peru, pages 283-291.

10. 2012 Maria Cecilia Lozada Cerna, Kelly J. Knudson, Rex C. Haydon, and Jane E. Buikstra, "Social Marginalization among the Chiribaya: The *Curandero* of Yaral, Southern Peru." In *The Bioarchaeology of Individuals*, edited by Ann Stodder and Ann Palkovich. University Press of Florida: Gainesville, Florida, pages 85-95.

9. 2012 Marta Diaz-Zorita Bonilla, Eleni Anna Prevedorou, Jane E. Buikstra, Kelly J. Knudson, Gwyneth Gordon, and Ariel Anbar, "Movilidad y

Paleodieta de la Comunidad Argárica de Gatas. Análisis de $^{87}Sr/^{86}Sr$, $\delta^{18}O$, and $\delta^{13}C$ (Mobility and Paleodiet in the Argaric Site of Gatas. $^{87}Sr/^{86}Sr$, $\delta^{18}O$, and $\delta^{13}C$ Analysis)". In *Memorial Luis Siret: Congreso de Prehistoria de Andalucía. La Tutela del Patrimonio Prehistorico*. Junta de Andalucia Consejeria de Cultura: Sevilla, Spain, pages 603-606.

8. 2011 Kelly J. Knudson, "Identifying Archaeological Human Migration Using Biogeochemistry: Case Studies from the South-Central Andes." In *Rethinking Anthropological Perspectives on Migration*, edited by Graciela S. Cabana and Jeffrey J. Clark. University Press of Florida: Gainesville, Florida, pages 231-247.

7. 2010 Izumi Shimada, Rafael Segura Llanos, David J. Goldstein, Kelly J. Knudson, Melody J. Shimada, Ken-ichi Shinoda, Mai Takigami, and Ursel Wagner, "Un Siglo Despúes de Uhle: Reflexiones sobre la Arqueología de Pachacamac y Perú (One Century After Uhle: Reflections on the Archaeology of Pachacamac and Peru)." In *Max Uhle (1856-1944): Evaluaciones de Sus Investigaciones y Obras (Max Uhle (1856-1944): Evaluations of His Investigations and Works)*, edited by Peter Kaulicke, Manuela Fischer, Peter Masson, and Gregor Wolff. Editorial de la Pontificia Universidad Católica del Perú and the Ethnological Museum of Berlin: Lima, Peru, pages 109-150.

6. 2009 Kelly J. Knudson and Christopher M. Stojanowski, "The Bioarchaeology of Identity." In *Bioarchaeology and Identity in the Americas*, co-edited by Kelly J. Knudson and Christopher M. Stojanowski and published in the series *Bioarchaeological Interpretations of the Human Past: Local, Regional, and Global Perspectives*, edited by Clark Spencer Larsen. University Press of Florida: Gainesville, Florida, pages 1-23.

5. 2009 Kelly J. Knudson and Deborah E. Blom, "The Complex Relationship between Tiwanaku Mortuary Identity and Geographic Origin in the South Central Andes." In *Bioarchaeology and Identity in the Americas*, co-edited by Kelly J. Knudson and Christopher M. Stojanowski and published in the series *Bioarchaeological Interpretations of the Human Past: Local, Regional, and Global Perspectives*, edited by Clark Spencer Larsen. University Press of Florida: Gainesville, Florida, pages 194-211.

4. 2009 Kelly J. Knudson, "What Biogeochemistry Tells Us About Diet and Provenance of People in the Sicán Society." Published in Japanese and English in *Sicán Culture and Archaeology* edited by Izumi Shimada, Ken-ichi Shinoda, Masahiro Ono, and Bijutsu Shuppan-sha, pages 356-361. Tokyo Broadcasting System Television, Inc.: Tokyo.

3. 2009 Marta Diaz-Zorita Bonilla, A.J. Waterman, and Kelly J. Knudson, "Explorando la movilidad y los patrones dietarios durante la Edad del Cobre en el Suroeste de la Península Ibérica: Estudio Preliminar Bioarqueológico del Tholos de Palacio III (Almadén de la Plata, Sevilla) (Exploring Mobility and Dietary Patterns in the Copper Age of

the Iberian South-West: A Preliminary Bioarchaeological Study of the Palacio III *Tholos* Tomb (Almadén de la Plata, Sevilla, Spain).” In *Actas del IX Congreso Nacional de Paleopatología. Morella (Els Ports, Castelló). 25-28 de Septiembre de 2007*, edited by Manuel Polo Cerdá and Elisa Garcia Prosper, pages 669-674.

2. 2007 Kelly J. Knudson and Tiffiny A. Tung, “Using Archaeological Chemistry to Investigate the Geographic Origin of Trophy Heads in the Central Andes.” In *Archaeological Chemistry: Analytical Techniques and Archaeological Interpretation*, edited by Michael Glascock, Robert J. Speakman, and Rachel Popelka-Filcoff, pages 99-113. American Chemical Society: Washington, D.C.

1. 2005 Kelly J. Knudson, T. Douglas Price, Jane Buikstra, and Deborah E. Blom. “Strontium Isotope Analysis and Migration in the South Central Andes: Tiwanaku Colonization of the Moquegua Valley.” *Proceedings of the 33rd International Symposium on Archaeometry, 2002. (Geoarchaeological and Bioarchaeological Studies 3, Vrije Universiteit, Amsterdam)*, edited by H. Kars and E. Burke, pages 477-482. Vrije Universiteit: Amsterdam.

MANUSCRIPTS IN PRESS, REVIEW, OR PREPARATION

In press Julianne R. Stamer, Jessica E. Rothwell, Marcos de la Rosa-Martinez, Elizabeth Hannigan, Claire Zikidi, Avivia A. Cormier, Kelly J. Knudson, and Jane E. Buikstra. ““From the Boy Comes the Man”: Exploring Dietary Variability in Distinct Burial Contexts at the Archaic Phaleron Cemetery.” Manuscript accepted for publication in *Bioarchaeology International.*

In review Alissa Ruth, Christopher M. Stojanowski, Matthew A. Peeples, Kelly J. Knudson, Christopher R. Caseldine, Matthew V. Kroot, Kostalena Michelaki, Christopher Morehart, Kathryn L. Ranhorn, Michael E. Smith, and Davina R. Two Bears. “Beyond the Field School: Archaeology Laboratories as Sites of Undergraduate Research, Mentorship, and Professional Development.” Manuscript submitted for publication in *Advances in Archaeological Practice.*

In review Hannah Lau, Hilary Gopnik, Gwyneth Gordon, Veli Baxshaliyev, and Kelly J. Knudson, “Movement and the Making of Territoriality in the Middle Bronze Age South Caucasus: A View from Naxçıvan.” Manuscript submitted to *Avar: An Interdisciplinary Journal of Life and Society in the Ancient Near East.*

In review Kelly J. Knudson, “Isotope Analyses and Movement of Human and Camelids in Machaca.” Manuscript submitted for publication in *Khonkho Wankane: Incipient Urbanism in the Precolumbian Andes Hinterland*, edited by John W. Janusek, Erik Marsh, and Scott C. Smith. Cotsen Institute of Archaeology at UCLA: Los Angeles.

In preparation Shuya Zhang, Marina Ellis, Christine A. Hastorf, José M. Capriles, Richard J. George, Kelly J. Knudson, Ale Vidal, Douglas J. Kennett, Teri Hansford, Hsaio-Lei Liu, Julianne R. Stamer, Fabio de Oliveira

Freitas, Logan Kistler, and Robin G. Allaby. “Lost Biodiversity, Crop Resilience, and Dynamic Cultural Interactions Revealed in Ancient Andean Maize Genomes.” Manuscript to be submitted for publication in *Science.*

In preparation Carlos Elera, Alexandra Greenwald, Jenna Hurtubise, Haagen Klaus, Kelly J. Knudson, Izumi Shimada, and Ken-ichi Shinoda, “A Thousand-Year-Old Massive Human Sacrifice at Sicán, Peru: Cultural and Environmental Contexts, Victims, and Sacrificial Processes.” Manuscript to be submitted to *Current Anthropology* as a Major Article with Commentary.

In preparation María Gabriela Ortiz, María Soledad Gheggi, and Kelly J. Knudson. “Human Networks in Biodiverse Territories: Mobility and Connections from the San Francisco Valley (Jujuy, Argentina, ca 1950-1350 BP): An Archaeological Approach Based on Strontium Isotopes.” Manuscript to be submitted for publication in *Environmental Archaeology.*

In preparation Alexandra Greenwald, Beth K. Scaffidi, Tiffiny Tung, and Kelly Knudson, “Parental Investment in Times of Violence: Weaning Age and Early Childhood Diet in the Majes Valley, Arequipa, Peru.” Manuscript to be submitted to the *American Journal of Biological Anthropology.*

In preparation Beth K. Scaffidi, Justin J. Jennings, Christine Giuntini, Joanne Pillsbury, Gwyneth Gordon, and Kelly J. Knudson. “Isotopic Analysis of Corral Redondo Feathered Panels (Arequipa, Peru) Demonstrates Earliest Amazonian Feather Trade by Middle Horizon (*ca.* 600 – 1000 CE).” Manuscript to be submitted for publication in *Science Advances.*

In preparation Beth K. Scaffidi, Matthew C. Velasco, Kelly J. Knudson, and Tiffiny Tung, “The Conundrum of Climate and Culture: A Case Study of Bioarchaeological, Baseline, and Proxy Oxygen Isotope Analysis from the Central Andes.” Manuscript to be submitted to *International Journal of Osteoarchaeology*, special edition entitled *Current Trends in the Analysis of Stable Isotopes in South American Bioarchaeology*, edited by Violeta A. Killian Galvan and Miguel Delgado.

In preparation Deborah E. Blom, Allisen C. Dahlstedt, and Kelly J. Knudson, “Growing Up in the Moquegua Valley: Lived Childhood Experiences at Chen Chen through Bioarchaeology and Biogeochemistry.” Manuscript to be submitted for publication in Kirk Costion and Ulli Green, co-editors, *Advances in Archaeological Research in the Moquegua Valley*, to be published by the University of Pittsburgh Center for Comparative Archaeology.

In preparation Deborah E. Blom, Kelly J. Knudson, Corey M. Bowen, Nicole C. Couture, Allisen C. Dahlstedt, Katherin Golde, John W. Janusek, and Raquel Moscoso Paredes, “Becoming Tiwanaku: Childhood, Care, and Community Identity.” Manuscript to be submitted for publication in *Tiwanaku Worlds*, co-edited by Andrew Roddick, Claudia Rivera, and Sarah Baitzel, to be published by the Routledge Worlds Series.

In preparation Sarah A. Hall, Claudia Rojas Sepúlveda, and Kelly J. Knudson, "No soy de aquí ni soy de allá, isótopos estables para estudiar experiencias de desigualdad y migración en la Bogotá del siglo XIX y XX." Manuscript to be submitted to *Revista Colombiana de Antropología.*

TEXTBOOKS PUBLISHED

2025 Alexandra Brewis, Kelly J. Knudson, Christopher M. Stojanowski, Cindi SturtzSreetharan and Amber Wutich, *The Human Story: An Introduction to Anthropology. First Edition*. W.W. Norton: New York.

2018 T. Douglas Price and Kelly J. Knudson, *Principles of Archaeology. Second Edition*. Thames and Hudson: London.

BOOKS AND VOLUME EDITED

2020 Kelly J. Knudson and Christopher M. Stojanowski, co-editors, *Bioarchaeology and Identity Revisited*, published in the series *Bioarchaeological Interpretations of the Human Past: Local, Regional, and Global Perspectives*, edited by Clark Spencer Larsen. University Press of Florida: Gainesville, Florida.

2009 Kelly J. Knudson and Christopher M. Stojanowski, co-editors, *Bioarchaeology and Identity in the Americas*, published in the series *Bioarchaeological Interpretations of the Human Past: Local, Regional, and Global Perspectives*, edited by Clark Spencer Larsen. University Press of Florida: Gainesville, Florida.

2004 Kelly J. Knudson and David C. Meiggs, co-editors, with advisory editor Michael Richards, "Resolution and Refinement: Recent Advances in Archaeological Chemistry" published as a special section of five peer-reviewed papers in *Archaeometry*, volume 46.

PUBLISHED REVIEWS OF BOOK EDITED

2017 *Bioarchaeology and Identity in the Americas*, co-edited by Kelly J. Knudson and Christopher M. Stojanowski, was reviewed by Lynne A. Schepartz in *Reviews in Anthropology.*

2012 *Bioarchaeology and Identity in the Americas*, co-edited by Kelly J. Knudson and Christopher M. Stojanowski, was reviewed by Nicole L. Geske in *Illinois Archaeology*.

2010 *Bioarchaeology and Identity in the Americas*, co-edited by Kelly J. Knudson and Christopher M. Stojanowski, was reviewed by Pamela Geller in the *American Journal of Physical Anthropology*.

INVITED COMMENTARIES AND BOOK REVIEWS

2020 Kelly J. Knudson, "Invited Commentary on "Home is the Sailor": Investigating the Origins of the Inhabitants of La Isabela, the First European Settlement in the New World." *Current Anthropology* 61(5): 583-602.

2019 Kelly J. Knudson, "Book Review of *Social Skins of the Head: Body Beliefs and Ritual in Ancient Mesoamerica and the Andes*, edited by Vera Tiesler and María Cecilia Lozada. University of New Mexico Press, Albuquerque, 2018. 283 pp. $85.00 (hardcover), $85.00 (eBook)." *Latin American Antiquity*: 30(2): 447-449.

2015 Kelly J. Knudson, "Book Review of *The Teleoscopic Polity: Andean Patriarchy and Materiality,* by Tom D. Dillehay. xxviii+388 pp. New York, NY: Springer. 2014. $129.00 (cloth), $99.00 (eBook)." *Latin American Antiquity* 26 (3): 424-425.

2009 Kelly J. Knudson, "Book review of *Between Biology and Culture*. Edited by Holgur Schutkowski. xii+310 pp. New York, NY: Cambridge University Press. 2008. $130.00 (cloth)." *American Journal of Human Biology*: 21 (3): 412.

OTHER INVITED PUBLICATIONS

2006 Kelly J. Knudson and Jane E. Buikstra. "Combining Heavy and Light Stable Isotope Analyses in the Chiribaya Polity of Southern Peru" *Society for Archaeological Sciences Bulletin* 29 (4): 4-7.

EXTERNAL RESEARCH GRANTS RECIEVED

2026-2029 Natural Environment Research Council Standard Grant entitled *Tracking the Colonisation of Maize in the Andes* (£713,400 awarded to Robin Allaby, Jose Capriles Flores, Christine Hastorf, Douglas Kennett, Kelly J. Knudson, and Fabio Oliveira)

2022-2026 National Science Foundation Senior Investigator Award entitled *Osmore Mobility and Infectious Disease* ($414,881 awarded to Jane E. Buikstra, Anne C. Stone, Kelly J. Knudson, Kelly E. Blevins, and Allisen C. Dahlstedt, Award Number 2217953)

2022-2025 Natural Environment Research Council Standard Grant entitled *Tracking the Altitudinal Adaptation of Andean Maize Using Archaeogeomics* (£696,812 awarded to Robin Allaby, Jose Capriles Flores, Christine Hastorf, Douglas Kennett, Kelly J. Knudson, and Fabio Oliveira)

2019-2020 National Science Foundation proposal entitled *Workshop on 21st Century Bioarchaeology* ($36,369 awarded to Jane E. Buikstra, Sharon DeWitte, Kelly J. Knudson, and Christopher M. Stojanowski)

2018-2023 National Science Foundation Archaeology Section Senior Investigator Award entitled *Defining the Significance of Middle Sican Monuments* ($213,517 awarded to Izumi Shimada with Carlos Elera, John Merkel, Kelly J. Knudson, Michael Glascock, Ken-ichi Shinoda, Alysia Leon, Haagen Klaus, Kayeleigh Sharp, and Amy Szumileiwicz, Award Number 1822783)

2018-2024 National Science Foundation Archaeology Section Senior Investigator Award entitled *Between the Sea and the* Polis*: Tensions at the Margins of an Emerging State* ($298,741 awarded to Jane E. Buikstra,

Gregory W. Hodgins, Kelly J. Knudson, Eleanna Prevedorou, and Dawnie W. Steadman, Award Number 1828645)

2018-2019 National Geographic Society Grant entitled *Strontium Narratives: Scales of Human Paleomobility and Exceptional Journeys through the Southern Andes of Argentina and Chile* ($14,140 awarded to Ramiro Barbarena, Petrus le Roux, Kelly J. Knudson, Fernanda Falabella, Judith Sealy, and Paula Novellino)

2015-2017 National Science Foundation Archaeology Section Senior Investigator Award entitled *Collaborative Research: Demographic Catchments, Interregional Exchange and Political Complexity* ($55,372 and $72,553 awarded to Charles S. Stanish and Kelly J. Knudson, Award Number 1523209)

2015-2016 National Institute of Justice Research and Development in Forensic Science for Criminal Justice Purposes proposal entitled *Isotopic Taphonomy of Human Remains* ($462,226 awarded to Gwyneth Gordon, Ariel Anbar, Kelly J. Knudson and Dawnie Steadman, Award Number 2014-DN-BX-K002)

2013-2016 National Science Foundation Physical Anthropology and Archaeology Sections Senior Investigator Award entitled *Collaborative Research: A Bioarchaeological and Biogeochemical Approach to Tiwanaku Childhoods: Intersecting Social Identities and Local Biologies in the Andes* ($120,478 and $209,271 awarded to Deborah E. Blom and Kelly J. Knudson, Award Number 1317237)

2013-2016 National Geographic Society Grant entitled *The Emergence of Institutionalized Male Conflict among the Nasca in Southern Peru* ($18,000 awarded to Maria Cecilia Lozada Cerna, Augusto Cardona Rosas, Erika Simborth, Rex Haydon, Kelly J. Knudson, Michelle Hayeur Smith, Juana Lazo Mogrovejo, and Dawn Lohnas)

2010-2013 Fondo Nacional de Desarrollo Científico y Tecnológico (FONDECYT) entitled *Intercambio, Movilidad y Consumo Conspicuo Funerario durante el Formativo Medio (500 AC- 100 DC), Rio Loa Medio e Inferio (Desierto de Atacama) (Trade, Mobility, and Conspicuous Funerary Consumption during the Middle Formative (BC 500- AD 100), Lower and Middle Loa River (Atacama Desert))* ($358,250 awarded to Francisco Gallardo Ibáñez with Gonzalo Pimentel, Christina Torres-Rouff, Carole Sinclaire Aguirre, and Rafael Labarca Encina with consultants Kelly J. Knudson and William Pestle)

2008-2013 National Science Foundation Physical Anthropology Section Senior Investigator Award entitled *Bioarchaeological Reconstruction of Early and Middle Holocene Human Adaptations across the Sahara-Sahel Border* ($247,982 awarded to Christopher M. Stojanowski, Jane E. Buikstra, Elena A. Garcea, Kelly J. Knudson, and Paul C. Sereno, Award Number 0820805)

2008-2009 Wenner-Gren Foundation Research Grant entitled *Biocultural Adaptations to Climatic Instability During the Early and Middle*

Holocene in the Western Sahara Desert ($24,031 awarded to Christopher M. Stojanowski and Kelly J. Knudson)

2008-2011 Social Science and Humanities Research Council of Canada Standard Research Grant entitled *Isotopic Anthropology of Pilgrimage and Sacrifice in Ancient Andean Landscapes* ($188,000 awarded to Christine White, Jane E. Buikstra, Kelly J. Knudson, Fred J. Longstaffe, Andrew J. Nelson, John W. Verano, and Lawrence S. Owens)

2007-2012 National Science Foundation Physical Anthropology and Archaeology Sections Senior Investigator Award entitled *Collaborative Research: A Bioarchaeological Approach to Identity in the Middle Horizon to Late Intermediate Period Transition in San Pedro de Atacama, Chile* ($108,151 and $138,559 awarded to Christina Torres-Rouff and Kelly J. Knudson, Award Number 0721388)

2007-2012 National Science Foundation Arctic Sciences Division Office of Polar Programs Section Senior Investigator Award entitled *Activity Area Analysis in Western Alaska: Combining Soil Chemistry and Ethnoarchaeology at Tununak* ($112,790 awarded to Kelly J. Knudson and Lisa Frink, Award Number 0710687)

2006-2007 National Science Foundation Small Grant for Exploratory Research entitled *Bioarchaeological Fieldwork and Exploratory Biogeochemical Testing at Gobero, Republic of Niger* ($9,924 awarded to Christopher M. Stojanowski, Kelly J. Knudson, and Alicia Wilbur, Award Number 0636066)

2002-2004 National Science Foundation Doctoral Dissertation Improvement Grant entitled *Tiwanaku Residential Mobility and Archaeological Chemistry: Strontium and Lead Isotope Analyses in the South Central Andes* ($12,000 awarded to T. Douglas Price and Kelly J. Knudson)

2001 The Geological Society of America Research Grant ($2,400 awarded to Kelly J. Knudson)

2000 American Chemical Society Women Chemists Committee Travel Grant ($315 awarded to Kelly J. Knudson)

2000 Nave Fund Latin American and Iberian Studies Field Research Grant ($1,270 awarded to Kelly J. Knudson)

EXTERNAL RESEARCH GRANTS RECEIVED WITH GRADUATE STUDENTS AND POSTDOCTORAL SCHOLARS

2022-2025 National Science Foundation Doctoral Dissertation Improvement Grant entitled *Ancient Genomics and the Molecular Mechanisms of Human Tolerance to Arsenic in Northern Chile* ($31,362 awarded to Anne C. Stone, Kelly J. Knudson, and Mario Apata Mamani, Award Number 2142160)

2019-2023 National Science Foundation Doctoral Dissertation Improvement Grant entitled *Scarlet Macaws, Distant Exchange, and the Establishment of Central Places in the US Southwest and Mexican Northwest, ca. 900-*

1450 CE ($17,138 awarded to Ben Nelson, Kelly J. Knudson and Christopher Schwartz, Award Number 1945886)

2018-2020 National Science Foundation Directorate for Social, Behavioral, and Economic Sciences Postdoctoral Research Fellowship entitled *SBE Postdoctoral Research Fellowship: Isoscape Catchment Modeling in the Andes: Bioarchaeological and Forensic Applications of Oxygen, Strontium, and Dual-Isotope Methods for Geolocation of Skeletal Individuals* ($120,000 awarded to Cassandra (Beth) Scaffidi and Kelly J. Knudson, Award Number 1809470)

2017-2018 Graduate Women in Science Fellowship entitled *Traveling Monastic Paths: Mobility and Religion in Medieval Ireland* ($9,924 awarded to Elise Alonzi and supervised by Kelly J. Knudson)

2016-2017 National Science Foundation Inter-University Training for Continental-Scale Ecology Research-in-Residence Grant entitled *Dietary and Residential Shifting and the Environmental Contexts of Violence in the Prehistoric Majes Valley, Peru* ($4,572 awarded to Beth Scaffidi and Kelly J. Knudson, Award Number 1137336)

2015-2016 National Science Foundation Doctoral Dissertation Improvement Grant entitled *An Integrative Approach to Examining Migration, Community Interaction, and Social Diversity Within the Tiwanaku Periphery (c. AD 780-1200)* ($11,835 awarded to Kelly J. Knudson and Allisen Dahlstedt, Award Number 1542725)

2015-2016 Wenner-Gren Foundation Dissertation Fieldwork Grant entitled *Away from Home: A Multidisciplinary Approach to the Manipulation of Social Identities and Mobility within the Tiwanaku Periphery* ($19,978 awarded to Allisen Dahlstedt and supervised by Kelly J. Knudson)

2012-2014 Wenner-Gren Foundation Dissertation Fieldwork Grant entitled *The Social Construction of Yschma Communities: Dietary Practices, Funerary Rituals and Group Identity on the Central Peruvian Coast (c. AD 900-1470)* ($15,178 awarded to Sara J. Marsteller and supervised by Kelly J. Knudson)

2012-2014 National Science Foundation Doctoral Dissertation Improvement Grant entitled *Ychsma Community Construction: Dietary Practices, Mortuary Rituals and Group Identity on the Central Peruvian Coast (c. AD 900-1470)* ($20,000 awarded to Kelly J. Knudson and Sara J. Marsteller, Award Number, Award Number 1143568)

INTERNAL RESEARCH GRANTS RECEIVED

2021-2024 Arizona State University Knowledge Enterprise Core Facilities Seed Funding Grant ($800 awarded to Kelly J. Knudson, Beth K. Scaffidi, and Gwyneth Gordon)

2019-2023 Arizona State University School of Human Evolution and Social Change Interdisciplinary Research Grant entitled *Coastal-Inland Interactions and the Emergence of Inequality in the Formative Period in Northern Chile through Bioarchaeology and Biogeochemistry*

($49,487 awarded to Kelly J. Knudson, Christina Torres-Rouff, Mark Hubbe, William J. Pestle, Marcos Martinez, and Gwyneth Gordon)

2014 Arizona State University College of Liberal Arts and Sciences Undergraduate Student Enrichment Award for Student Research Assistant ($2,400 awarded to Kelly J. Knudson)

2009 Arizona State University School of Human Evolution and Social Change Award for Student Research Assistant ($6,346.50 awarded to Kelly J. Knudson)

2009 Arizona State University Late Lessons from Early History Research Grant entitled *Disruptions as a Cause and Consequence of Migration in Human History* (Preparation phase of research proposal awarded to Brenda Baker, Takeyuki Tsuda, Jane Buikstra, George Cowgill, Jim Eder, Leif Jonsson, Kelly J. Knudson, Rachel Scott, Chris Stojanowski, and Lisa Meierotto)

2009 Arizona State University School of Human Evolution and Social Change Award for Student Research Assistant ($6,000 awarded to Kelly J. Knudson)

2006 Arizona State University Institute for Social Science Research Catalyst Grant entitled *Combining Bioarchaeology and Geochemistry to Investigate Archaeological Migration* ($15,000 awarded to Kelly J. Knudson, Ariel Anbar, and Everett Shock)

2006 Arizona State University School of Human Evolution and Social Change Research Award for Faculty entitled *Archaeological Chemistry and Residential Mobility in the Andes: Establishing Baseline Isotopic Data for Andean Regions* ($1,500 awarded to Kelly J. Knudson)

2006 Arizona State University School of Human Evolution and Social Change Award for Student Research Assistant ($6,000 awarded to Kelly J. Knudson)

2001 University of Wisconsin at Madison Anthropology Department Travel Grant ($300 awarded to Kelly J. Knudson)

2001 University of Wisconsin at Madison Graduate School Council Vilas Travel Grant ($600 awarded to Kelly J. Knudson)

2000 University of Wisconsin at Madison Anthropology Department Travel Grant ($200 awarded to Kelly J. Knudson)

CONFERENCE SYMPOSIA ORGANIZED

2001 "Resolution and Refinement: Leading Edge Research in Archaeological Chemistry", sponsored by the Society for Archaeological Science and co-organized by Kelly J. Knudson and David C. Meiggs, at the 66th Annual Society for American Archaeology Meeting, New Orleans, LA, April 18-22, 2001.

INVITED CONFERENCE PAPERS AND POSTERS PRESENTED (63 TOTAL)

63. 2027 ""Colonial" Autonomy in the Tiwanaku Polity," by Sarah Hall, Jane Buikstra, Allisen Dahlstedt, Emily Schach, and Kelly J. Knudson. Invited paper presented in the symposium, "From the Sea to the

Highlands: Reimagining Regional Relationships in Osmore Archaeology?", organized by Jane Buikstra at the 92nd Annual Meeting of the Society for American Archaeology, Indianapolis, Indiana, April 7-11.

62. 2026 "The Landscape of Ancient Tuberculosis in the South-Central Andes," by Maxine McCarty, Kelly Blevins, Mario Apata Mamani, Adele E. Crane, Patricia Palacios Filinich, Verónica Silva-Pinto, Sarah Hall, Allisen Dahlstedt, Kelly Knudson, Jane E. Buikstra, and Anne C. Stone. Invited paper to be presented in the symposium, "Disease Landscapes in the Past: A One Health Lens on Medical and Museum Collection", at the 11th Annual Meeting of the International Society for Evolution, Medicine, and Public Health, Kiel, Germany, July 28-31, 2026.

61. 2026 "Isótopos estables para estudiar experiencias de desigualdad en la Bogotá del siglo XIX y XX (Stable Isotopes to Study Experiences of Inequality in Bogotá in the 19th and 20th Centuries)," by Claudia Rojas-Sepúlveda, Sarah A. Hall, and Kelly J. Knudson. Invited paper presented in the symposium, "Isótopos estables en la arqueología colombiana: síntesis y perspectiva (Stable Isotopes in Colombian Archaeology: Synthesis and Perspectives", organized by Miguel Delgado and Sebastián Fajardo at the Congreso Colombiano de Arqueología, Manizales, Colombia, June 2-5.

60. 2024 "The Plants That Bind: Strontium Isotope Analysis of Macrobotanical Remains from Quilcapampa La Antigua," by Matthew Biwer, Gwyneth Gordon, Kelly J. Knudson, and Beth Scaffidi. Invited paper presented in the symposium, "Advances in Macrobotanical and Microbotanical Archaeobotany", organized by Mac Marston and Chantel White at the 89th Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana, April 17-21.

59. 2024 "Investigating the Residential History of the Esplanada Mass Graves at Phaleron, Greece," by Julianne Stamer, Jessica Rothwell, Kelly J. Knudson, and Jane E. Buikstra. Invited paper presented in the symposium, "The Bioarchaeology of the Phaleron Cemetery, Archaic Greece: Current Research and Insights", organized by Aviva Cormier at the 89th Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana, April 17-21.

58. 2022 "Local and Non-Local Diet and Mobility: Multi-Isotopic Analysis of Middle Horizon Human (CE 600-1000) Human Remains from the Cañoncillo Complex, Northern Peru," by Aleksa Alaica, Luis Manuel González La Rosa, and Kelly J. Knudson. Invited paper presented in the symposium, "Food in Our Time: Snapshots of Human History and Prehistory Shaped by Diet", at the 49th Annual Meeting of the Canadian Association of Biological Anthropology, Saskatoon, Canada, October 25-29.

57. 2022 "Human Diet and Mobility in Metal Age Central Thailand: Regional Site, and Individual Scales," by Gina Paleksky, Thanik Lertcharnit, Sora Kim

Gwyneth Gordon, and Kelly J. Knudson. Invited paper presented in the symposium, "Eternal Migrants?: Scale, Meaning, and Practice in Isotopic Archaeologies of Migration", organized by Beth K. Scaffidi and Gina Palefsky and sponsored by the Society for Archaeological Science at the 87th Annual Meeting of the Society for American Archaeology, Chicago, Illinois, March 30-April 3.

56. 2022 "Migration or Seasonal Mobility? Weaving Together Age, Isotopes, and the Vertical Archipelago," by Aleksa Alaica, Luis Manuel González de La Rosa, and Kelly J. Knudson. Invited paper presented in the symposium, "Eternal Migrants?: Scale, Meaning, and Practice in Isotopic Archaeologies of Migration", organized by Beth K. Scaffidi and Gina Palefsky and sponsored by the Society for Archaeological Science at the 87th Annual Meeting of the Society for American Archaeology, Chicago, Illinois, March 30-April 3.

55. 2021 "The Circulation of Non-local Animals and Objects: Rethinking Inter-regional Mobility in the Arequipa *Yunga* During the Circum-Wari Era" by Beth K. Scaffidi, Justin Jennings, Tiffiny A. Tung, Aleksa Alaica, Luis Manuel González La Rosa, Gwyneth Gordon, Christine Giuntini, and Kelly J. Knudson. Invited paper presented in the symposium, "A New Horizon: Reassessing the Middle Horizon (600-1000 AD), Rethinking the Andean State", organized by Stephen Berquist at the 86th Annual Meeting of the Society for American Archaeology, San Francisco, California (held virtually), April 14-18.

54. 2021 "Hydroclimate, Paleodiets, and Ecosystem Structure at Gobero during the African Humid Period" by Kevin T. Uno, Kelly J. Knudson, Christopher M. Stojanowski, and Paul Sereno**.** Invited paper presented in the symposium, "The Sahel: Rethinking 'Marginal' Environments" the 25th Annual Meeting of the Society of African Archaeologists (SAfA), Oxford, England, September 21-24 (postponed and presented August 29, 2021).

53. 2020 "Isotopic Biographies of the Andes: delta15N and delta13C Measures in Sequential Samples of Permanent First and Third Molars in Moquegua Valley and the Lake Titicaca Basin" by Marcos Martinez, Alexandra Greenwald, Deborah Blom, and Kelly J. Knudson. Invited paper presented in the symposium, "Food, Diet, and Cuisine in the Ancient Andes", organized by Marta Algonso-Durruty and Deborah Blom at the 85th Annual Meeting of the Society for American Archaeology, Austin, Texas, April 22-26 (in-person meeting cancelled but symposium presented online via Zoom).

52. 2020 "Life, After Life: Embodied Structural Violence in a Historic Skeletal Assemblage from Bogota, Colombia" by Sarah A. Hall, Claudia Rojas-Sepúlveda, and Kelly J. Knudson. Invited paper accepted to be presented in the symposium, "Shared Experiences and Performative Boundaries: The Intersection of Trauma and Migration", organized by Elise Alonzi and Katie Shakour at the 85th Annual Meeting of the

Society for American Archaeology, Austin, Texas, April 22-26 (meeting cancelled).

51. 2020 "Vows and Violence: Diet and Mobility at Tintern Abbey, Ireland" by Elise Alonzi, Barra Ó Donnabháin and Kelly J. Knudson. Invited paper accepted to be presented in the symposium, "Shared Experiences and Performative Boundaries: The Intersection of Trauma and Migration", organized by Elise Alonzi and Katie Shakour at the 85th Annual Meeting of the Society for American Archaeology, Austin, Texas, April 22-26 (meeting cancelled).

50. 2020 "Strontium Isoscapes and Hard Tissue Provenience in Southern Africa to Reconstruct Hunter-Gatherer Social and Exchange Networks" by Andrew M. Zipkin, Erich C. Fisher, Hayley C. Cawthra, Gwyneth Gordon, Martain Hipondoka, Petrus Le Roux, Kelly J. Knudson, and Polly Weissner. Invited paper accepted to be presented in the symposium, "Isoscapes, Isotopic Provenience, and Baseline Studies in Human and Primate Ecologies: Methodological and Interpretive Challenges", organized by Beth M. Scaffidi and Andrew M. Zipkin at the 89th Annual Meeting of the American Association of Physical Anthropology, Los Angeles, California, April 15-18 (meeting cancelled).

49. 2020 "Single and Dual Isoscape Models for Assigning Geographic Provenience in the Andes" by Beth K. Scaffidi, Gwyneth Gordon, Tiffiny Tung, and Kelly J. Knudson. Invited paper accepted to be presented in the symposium, "Isoscapes, Isotopic Provenience, and Baseline Studies in Human and Primate Ecologies: Methodological and Interpretive Challenges", organized by Beth M. Scaffidi and Andrew M. Zipkin at the 89th Annual Meeting of the American Association of Physical Anthropology, Los Angeles, California, April 15-18 (meeting cancelled).

48. 2020 "Telling Different Stories: Oxygen and Strontium Isotope Variation in Human Tissues and Baseline Data from the Northern Coast of Peru" by Marla Toyne, Kelly J. Knudson, Christine White, and Fred Longstaffe. Invited paper accepted to to be presented in the symposium, "Isoscapes, Isotopic Provenience, and Baseline Studies in Human and Primate Ecologies: Methodological and Interpretive Challenges", organized by Beth M. Scaffidi and Andrew M. Zipkin at the 89th Annual Meeting of the American Association of Physical Anthropology, Los Angeles, California, April 15-18 (meeting cancelled).

47. 2020 "Using Environmental and Archaeological Samples to Build and Validate Strontium and Oxygen Isoscapes for Forensic Applications in the Peruvian Andes: Paths Forward for Identifying Victims from the Time of Violence in Peru (1980-1990s)" by Beth K. Scaffidi, Gwyneth Gordon, Roberto C. Parra, Kelly J. Knudson, Martha R. Palma, and Tiffiny Tung. Invited poster presented in a special session for HHRRC and NIJ awardees, organized by Doug Ubelaker at the American Academy of Forensic Science Annual Scientific Meeting, Anaheim, California, February 17-22.

46. 2019 "Vows and Violence: Diet and Mobility at Tintern Abbey, Ireland" by Elise Alonzi, Barra Ó Donnabháin and Kelly J. Knudson. Invited paper presented in the workshop, "Pots and Bones Workshops: Science and the Reconstruction of Historic Diets", presented in the European Research Council FoodCult Project: Food, Culture, and Identity in Ireland Circa 1550-1650, Trinity College, Dublin, Ireland, September 13.

45. 2018 "Water as a Baseline for Bioavailable Strontium: Preliminary Findings of the Andean Paleomobility Unification (APU) Project" by Beth K. Scaffidi, Gwyneth Gordon, Tiffiny Tung, and Kelly J. Knudson. Invited paper presented in the symposium "Isotopic Studies in Archaeology" organized by Andrew Somerville and Violeta Killian Galvan at the XV Congress of the Latin American Association of Biological Anthropology, Mayaguez, Puerto Rico, November 1-4.

44. 2018 "Moche Mobility and Isotopic Inconsistencies: Taking on Research Challenges with Various Methods" by J. Marla Toyne, Kelly J. Knudson, and John W. Verano. Invited poster presented in the symposium "The Odyssey and the Mentor: The Contributions of Dr. Christine D. White to Bioanthropology and Beyond" organized by J. Marla Toyne and Linda Howie at the 46th Annual Canadian Association for Physical Anthropology Meeting, London, Ontario, Canada, October 31-November 3.

43. 2018 "Caring for Children in the Ancient Andes: Bioarchaeological and Biogeochemical Data from the Andean Middle Horizon (AD 500-1100) Tiwanaku Polity," by Deborah E. Blom, Kelly J. Knudson, Nicole Couture, and Carrie Anne Berryman. Invited paper presented in the symposium "The Archaeology of Childcare" organized by Dawn M. Hadley and Sian E. Hallcrow at the 83rd Annual Society for American Archaeology Meeting, Washington, DC, April 11-15.

42. 2018 "Geographic Predictions of Birthplace from Isotope Ratios in Human Teeth" by Gwyneth Gordon, Tiffany Saul, Dawnie Steadman, Daniel Westcott, and Kelly J. Knudson. Invited paper presented in the symposium for Department of Justice grantees at the 70th Annual American Academy of Forensic Sciences, Seattle, Washington, February 19-24.

41. 2017 "The Isotopic Taphonomy of Human Remains" by Gwyneth Gordon, Tiffany Saul, Dawnie Steadman, Daniel Westcott, and Kelly J. Knudson. Invited paper presented in the symposium for Department of Justice grantees at the 12th International Association of Geochemistry Applied Isotope Geochemistry Working Group (AIF-12), Copper Mountain, Colorado, September 17-22.

40. 2017 "The *Maqbara* of Pamplona (Navarra, Spain, 8th Century BC): Human Mobility and mtDNA Analysis," by Marta Díaz-Zorita Bonilla, María Paz de Miguel Ibáñez, Eleanna Prevedorou, Lara Fontecha, Kelly J. Knudson, Neskuts Izagirre Arribalzaga, Alejandro Romero Rameta, Jane E. Buikstra and Concepción de la Rúa. Invited paper presented in

the symposium "The Power of Populations: Integrating Bioarchaeological And Historical Methods for the Assessment of our Medieval Past" organized by Eveline Altena and Sarah Inskip and sponsored by the Medieval Europe Research Community (MERC) at the 23rd Annual Meeting of the European Association of Archaeologists, Maastrich, The Netherlands, August 30-September 2.

39. 2017 "Moving Across the Desert: Investigating the Remains of Travelers Who Died Traversing the Chilean Atacama," by Christina Torres-Rouff, William J. Pestle, Gonzalo Pimentel, and Kelly J. Knudson. Invited poster presented in the symposium "Biological Investigations of Nomads: Developments and Innovations" organized by Selin Nugent and Mark Hubbe at the 86th Annual American Association of Physical Anthropologists Meeting, New Orleans, Louisiana, April 19-22.

38. 2017 "Local People Performing Empire: Architecture, Mortuary Practices and Geographic Origins of the Inhabitants of Moqi, Upper Locumba Valley, Peru," by Colleen Zori, Jesús Gordillo Begazo, Allisen Dahlstedt, Niamh Carty, and Kelly J. Knudson. Invited paper presented in the symposium "El Extremo Sur/El Extremo Norte: Recent Research on Mobility and Verticality in the Peru-Chile Borderlands" organized by Noa Corcoran Tadd, Romauld Housse, and Thibault Saintenoy at the 82nd Annual Society for American Archaeology Meeting, Vancouver, Canada, March 29-April 2.

37. 2017 "Bioarchaeological Research at Castillo de Huarmey," by Wieslaw Wieckowski, Kelly Knudson, and Lars Fehren-Schmitz. Invited paper presented in the symposium "Multidisciplinary Research at Castillo de Huarmey, Peru" organized by Wieslaw Wieckowski at the 82nd Annual Society for American Archaeology Meeting, Vancouver, Canada, March 29-April 2.

36. 2017 "The Isotopic Taphonomy of Human Hair" by Gwyneth Gordon, Tiffany Saul, Dawnie Steadman, Daniel Westcott, Kelly J. Knudson, and Ariel Anbar. Invited paper presented in the symposium for Department of Justice grantees at the 69th American Academy of Forensic Sciences, New Orleans, Louisiana, February 13-18.

35. 2016 "Herding Practices at Halaf Domuztepe: Implications for Mobility, Cooperation, and Emergent Political Complexity," by Hannah Lau and Kelly J. Knudson. Invited paper presented in the symposium "Developing Isotopic Investigations in the Near East and Caucasus" organized by G. Bike Yazicioglu Santamaria and Maureen E. Marshall at the 2016 American Schools of Oriental Research Meeting, San Antonio, TX, November 16-19.

34. 2016 "Mummies, Stable Isotopes and aDNA: Castillo de Huarmey Case Study," by Wieslaw Wieckowski, Kelly Knudson, Lars Fehren-Schmitz, and Milosz Giersz. Invited paper presented in the symposium "Application of Biochemical Methods to Mummy Studies" organized by Martha Palma and Corina Kellner at the 9th World Congress on Mummy Studies, Lima, Peru August 10-13.

33. 2016 "Community Differences in Dietary Changes Over the Life Course: Stable Carbon and Nitrogen Analysis of Bone Collagen and Hair Keratin Pairs on the Central Peruvian Coast," by Sara J. Marsteller, Kelly J. Knudson, and Natalya Zolotova. Invited paper presented in the symposium "Application of Biochemical Methods to Mummy Studies" organized by Martha Palma and Corina Kellner at the 9th World Congress on Mummy Studies, Lima, Peru August 10-13.

32. 2016 "Formation and Transformation of Identities in the Andes: The Constructions of Childhood among the Tiwanaku," by Deborah E. Blom, Kelly J. Knudson, John W. Janusek, Sara K. Becker, and Corey M. Brown. Invited paper presented in the symposium "On the Move: Archaeological Approaches to Children and Childhood" organized by Dawn M. Hadley at the 80th Annual Society for American Archaeology Meeting, Orlando, Florida, April 6-10.

31. 2016 "A Bioarchaeological Approach to Ychsma Regional Interactions: Stable Oxygen and Radiogenic Strontium Isotopes and Late Intermediate Period Mobility on the Central Peruvian Coast," by Sara J. Marsteller, Kelly J. Knudson, Gwyneth Gordon, and Ariel Anbar. Invited paper presented in the symposium "E pur si muove: Exploring Mobilities in Latin America" organized by Danny Zborover and Jamie Forde 80th Annual Society for American Archaeology Meeting, Orlando, Florida, April 6-10.

30. 2016 "Cleanlab-in-a-Box: Automated Column Chromatography Facilitates Innovative Applications of MC-ICP-MS," by Steven Romaniello, Harrison B. Smith, Gwyneth W. Gordon, Kelly J. Knudson, and Ariel D. Anbar. Invited paper presented at the 2016 Winter Conference on Plasma Spectrochemistry, Tucson, AZ, January 10-16.

29. 2015 "Defining Oneself: Crafting Ethnic Identity in the Late Intermediate Period Atacama Desert," by Mark Hubbe, Christina Torres-Rouff, Kelly J. Knudson, and Emily Stovel. Invited paper presented in the "Advances in Exploring Ethnogenesis and Ethnic Inequality in the (Bio)Archaeological Record" symposium organized by Britney Kyle McIlvaine and Laurie Reitsema at the 114th Annual American Anthropological Association Meeting, Denver, CO, November 18-22.

28. 2015 "Stable Strontium Isotope Analysis in Archaeology: New Developments in Paleodiet and Paleomobility," by Kelly J. Knudson. Invited paper presented in the "BLAH! How To Do and Not Do Archaeological Science: A Colloquium in Honor of Dr. T. Douglas Price, Winner of the Pomerance Award for Scientific Contributions to Archaeology" symposium organized by Michael Galaty and Jonathan Haws at the Annual Archaeological Institute of America Meeting, New Orleans, LA, January 8-11, 2015.

27. 2014 "Discussant: Trends in Middle Horizon Bioarchaeology," by Kelly J. Knudson. Invited paper presented in the symposium "Integrating Recent Advances in Middle Horizon Mortuary and Bio-Archaeology of the South-Central Andes" organized by Sarah Baitzel and Nicola

Sharrat at the 79th Annual Society for American Archaeology Meeting, Austin, Texas, April 23-27.

26. 2014 "Integrating Identities in the South Central Andes: A Model for Examining Intersections of Biological and Cultural Identities through Bioarchaeology and Biogeochemistry," by Kelly J. Knudson and Christina Torres-Rouff. Invited paper presented in the symposium "The Link Between Mortuary Analysis and Advances in Scientific Methods: Developing Cultural Context" organized by Sylvia Deskaj and Amy Michael at the 79th Annual Society for American Archaeology Meeting, Austin, Texas, April 23-27.

25. 2013 "Stable Strontium Isotope Analysis: A New Method for Investigating Paleodiet in Archaeological Remains," by Kelly J. Knudson. Invited paper presented in the symposium "Small Samples, Big Questions: New Methods and Applications in Biomolecular Archaeology" organized by Amanda Henry, Christina Warinner, and Courtney Hoffman at the 78th Annual Society for American Archaeology Meeting, Honolulu, Hawaii, April 3-7.

24. 2013 "Integrative Analyses of the Larache Cemetery, San Pedro de Atacama, Chile: Combining Bioarchaeology, Biogeochemistry, and Mortuary Archaeology," by Christina Torres-Rouff, Kelly J. Knudson, and Emily Stovel. Invited paper presented in the symposium "Bodies of Evidence: Integrating Mortuary and Osteological Analyses" organized by Ryan Harrod and Kyle Waller at the 78th Annual Society for American Archaeology Meeting, Honolulu, Hawaii April 3-7.

23. 2012 "Isotope Workshop," by Larisa G. DeSantis, Corina Kellner, Kelly J. Knudson, John Krigbaum, and Bethany Turner. Invited panelist at the 4th Archaeological Sciences of the Americas Symposium, Nashville, Tennessee, October 5-6.

22. 2012 "Multiple Lives, Multiple Interpretations: The Ossuary of Carora," by Maria Cecilia Lozada Cerna, Kelly J. Knudson, Amela Baxter-Stolzfus, George Groh, and Ran Boynter. Invited paper presented in the symposium "Unique Mortuary Rites: Interpretive Challenges and Opportunities for Non-Modal Funerary Practices" organized by Maria Cecilia Lozada Cerna, Maureen Marshall, and Gordon Rakita at the 77th Annual Society for American Archaeology Meeting, Memphis, Tennessee, April 18-22.

21. 2011 "Tracing Tiwanaku Childhoods: A Bioarchaeological Study of Age and Identity in Tiwanaku Society," by Deborah E. Blom and Kelly J. Knudson. Invited paper presented in the symposium "Tracing Childhood: Bioarchaeological Investigations of Early Lives in Antiquity" organized by Jennifer L. Thompson, Marta Alfonso-Durruty, and John J. Crandall at the 110th Annual American Anthropological Association Meeting, Montreal, Canada, November 16-20.

20. 2009 "Movilidad humana en San Pedro de Atacama: el uso de los isótopos y de la arqueología (Human Mobility in San Pedro de Atacama: The Use of Isotopes and Archaeology)" by Kelly J. Knudson. Invited paper

presented in the symposium “Movilidad humana y interacciones entre poblaciones en la prehistoria chilena: perspectivas de la bioantropología y de la arqueología (Human Mobility and Interactions between Populations in Chilean Prehistory: Perspectives from Bioanthropology and Archaeology)” organized by Mark Hubbe and Christina Torres-Rouff at the 18th Congreso Nacional de Arqueología Chilena, Valparaíso, Chile, October 5-10.

19. 2009 “Middle Horizon Social Identities in San Pedro de Atacama, Chile: Combining Recent Bioarchaeological and Biogeochemical Research” by Christina Torres-Rouff and Kelly J. Knudson. Invited paper presented in the symposium “Being Tiwanaku: New Perspectives on Social Identity in the Middle Horizon” organized by Paul S. Goldstein and Sarah Baitzel at the 74th Annual Society for American Archaeology Meeting, Atlanta, Georgia, April 22-26.

18. 2009 “A Multidisciplinary Approach to Human Skeletal Analysis at Mollo Kontu, Tiwanaku (Bolivia)” by Carrie Anne Berryman, Kelly J. Knudson, Sara K. Simon, Shannon L. Wilson, and Deborah E. Blom. Invited paper presented in the symposium “Recent Research at Mollu Kontu” organized by Deborah E. Blom at the 74th Annual Society for American Archaeology Meeting, Atlanta, Georgia, April 22-26.

17. 2009 “Middle Sicán Residential Mobility and Paleodiet through Stable and Radiogenic Isotope Analysis” by Kelly J. Knudson. Invited paper presented in the symposium “Three Decades of the Sicán Archaeological Project: Synthesis and Evaluation” organized by Izumi Shimada at the 74th Annual Society for American Archaeology Meeting, Atlanta, Georgia, April 22-26.

16. 2008 “Recent Bioarchaeological and Biogeochemical Research at Gobero: Paleodiet and Residential Mobility in the Early and Middle Holocene” by Kelly J. Knudson and Christopher M. Stojanowski. Invited paper presented in the symposium “The Gobero Archaeological Project: Early and Middle Holocene Human Adaptations at the Sahara-Sahel Borderland” organized by Elena A. Garcea at the 19th Biennial Meeting of the Society of Africanist Archaeologists, Frankfurt, Germany, September 8-11.

15. 2008 “Oxygen Isotope Analysis in a Land of Environmental Extremes: The Advantages and Disadvantages of Isotopic Work in the Andes” by Kelly J. Knudson. Invited paper presented in the symposium “Oxygen Isotopes as Tracers of Human Mobility” organized by James H. Burton and T. Douglas Price at the 73rd Annual Society for American Archaeology Meeting, Vancouver, British Columbia, March 26-30.

14. 2008 “Exploring the Relationship between Biological and Cultural Identity in Northern Chile: Biogeochemical and Bioarchaeological Research in San Pedro de Atacama” by Christina Torres-Rouff and Kelly J. Knudson. Invited paper presented in the symposium “Advances in Andean Isotopic Research: Movement and Subsistence through Space and Time” organized by Barbara Hewitt, Nicole Slovak and Bethany

Turner at the 73rd Annual Society for American Archaeology Meeting, Vancouver, British Columbia, March 26-30.

13. 2008 "Isotopic Insight into Middle Horizon Urbanism: Dietary Resource Distribution and Residential Mobility at Tiwanaku" by Carrie Anne Berryman, Kelly J. Knudson, Deborah E. Blom, and Robert H. Tykot. Invited paper presented in the symposium "Advances in Andean Isotopic Research: Movement and Subsistence through Space and Time" organized by Barbara Hewitt, Nicole Slovak and Bethany Turner at the 73rd Annual Society for American Archaeology Meeting, Vancouver, British Columbia, March 26-30.

12. 2008 "Using Ethnoarchaeology and Soil Chemistry to Examine Herring and Salmon Fisheries on the Arctic Alaskan Coast" by Lisa Frink and Kelly J. Knudson. Invited paper presented in the symposium, "Red Fish (Salmon), White Fish (Cod), Big Fish (Halibut), Small Fish (Herring): The Archaeology of North Pacific Fisheries" organized by Madonna Moss and Aubrey Cannon at the 73rd Annual Society for American Archaeology Meeting, Vancouver, British Columbia, March 26-30.

11. 2008 "Identifying Maya Elite Residential Mobility through Strontium Isotope Analyses at Late Classic Copan, Honduras" by Katherine Miller, Jane E. Buikstra, Jennifer Piehl, E. Wyllys Andrews V, and Kelly J. Knudson. Invited paper presented in the symposium "Beyond Status: Meaning, Metaphor, and Identity in Mortuary Practices" organized by Stephanie M. Whittlesey and Joseph A. Ezzo at the 73rd Annual Society for American Archaeology Meeting, Vancouver, British Columbia, March 26-30.

10. 2007 "The Relationship between Tiwanaku Mortuary Behavior and Geographic Origins at Chen Chen (Moquegua, Peru)" by Deborah E. Blom and Kelly J. Knudson. Invited paper presented in the symposium "Seated Flexed, East and West: New Research on Mortuary Practice in Cochabamba, Bolivia, and Moquegua, Peru" organized by Paul Goldstein and Karen Anderson at the 72nd Annual Society for American Archaeology Meeting, Austin, Texas, April 24-29.

9. 2007 "Residential Mobility in the Lake Titicaca Basin: Strontium Isotope Analysis at Khonkho Wankane" by Kelly J. Knudson. Invited paper presented in the symposium "Khonkho Wankane and Beyond: Recent Research in the Machaca Region of Bolivia" organized by Arik Ohnstad and Scott C. Smith at the 72nd Annual Society for American Archaeology Meeting, Austin, Texas, April 24-29.

8. 2007 "Social Marginalization among the Chiribaya: The *Curandero* of Yaral, Southern Peru" by Maria Cecelia Lozada Cerna, Kelly J. Knudson, Rex Haydon, and Jane E. Buikstra. Invited poster presented in the session "Personal Guides to Life in Antiquity: The Bioarchaeology of Individuals" organized by Ann Stodder and Ann Palkovich at the 76th Annual American Association of Physical Anthropologists Meeting, Philadelphia, Pennsylvania, March 28-31.

7. 2006 "Identifying Archaeological Human Migration using Biogeochemistry: Case Studies from the South Central Andes" by Kelly J. Knudson. Invited paper presented in the session "Ancient Migration: Biological Correlates" in the Cross-Disciplinary Approaches to Migration Conference organized by Graciela S. Cabana and Jeffrey J. Clark at Arizona State University, Tempe, Arizona, October 12-13.

6. 2006 "Transitions and Archaeological Chemistry: An Illustration from the South Central Andes" by Kelly J. Knudson. Invited paper presented in the symposium "Transitions: Beyond Origins in Archaeological Research. Papers in Honor of T. Douglas Price" organized by Tina Thurston and Lisa Frink at the 71st Annual Society for American Archaeology Meeting, San Juan, Puerto Rico, April 26-30.

5. 2006 "Using Archaeological Chemistry to Identity the Geographic Origins of Trophy Heads in the Central Andes" by Kelly J. Knudson and Tiffiny A. Tung. Invited paper presented in the symposium "Archaeological Chemistry: Analytical Techniques and Archaeological Interpretations", organized by Michael Glascock, Jeff Speakman, and Rachel Popelka-Filcoff at the 231st Annual American Chemical Society Meeting, Atlanta, Georgia, March 26-30.

4. 2005 "Migration and Bone Chemistry: Case Studies from the South Central Andes" by Kelly J. Knudson. Invited paper presented in the symposium "Migration and Anthropology: New Perspectives for a New Millennium", organized by Graciela S. Cabana and Jeffrey J. Clark at the 104th Annual American Anthropological Association Meeting, Washington, D.C., November 30-December 4.

3. 2004 "The Bioarchaeology of Identity: Case Studies from the South Central Andes" by Kelly J. Knudson, Deborah E. Blom and Jane E. Buikstra. Invited paper presented in the symposium "Tensions, Theory and Directions in Bioarchaeology", organized by Kenneth C. Nystrom at the 103rd Annual American Anthropological Association Meeting, Atlanta, Georgia, December 16-19.

2. 2004 "Migration in the Middle Horizon: Bone Chemistry and the Nature of the Tiwanaku Polity in the South Central Andes" by Kelly J. Knudson, T. Douglas Price, Jane E. Buikstra and Deborah E. Blom. Invited paper presented in the symposium "Uncovering Social Organization in the Andes: Recent Developments in Bioarchaeology", organized by Deborah E. Blom and Julie Farnum at the 69th Annual Society for American Archaeology Meeting, Montreal, Canada, March 31-April 4.

1. 2001 "Tiwanaku Residential Mobility as Determined by Strontium and Lead Isotope Analyses" by Kelly J. Knudson, T. Douglas Price, Jane Buikstra and Deborah Blom. Invited paper presented in "Resolution and Refinement: Leading Edge Research in Archaeological Chemistry" organized by Kelly J. Knudson and David C. Meiggs at the 66th Annual Society for American Archaeology Meeting, New Orleans, Louisiana, April 18-22.

CONTRIBUTED CONFERENCE PAPERS AND POSTERS PRESENTED (93 TOTAL)

93. 2026 "Investigating Diet and Mobility at the Phaleron Burial Ground, Greece" by Elizabeth M. Hannigan, Julianne R. Stamer, Kelly J. Knudson, and Jane E. Buikstra. Paper to be presented at the 32nd Annual Meeting of the European Association of Archaeologists, Athens, Greece, August 26-29.

92. 2026 "Weaning and Childhood Diet in Pre-Hispanic Arequipa" by Francisco Guerrero, Alexandra Greenwald, Tiffiny Tung, Justin Jennings, Kelly J. Knudson, and Beth K. Scaffidi. Paper presented at the 91st Annual Meeting of the Society for American Archaeology, San Francisco, California, April 29-May 3.

91. 2026 **"**Behavioral and Biocultural Insights from Tooth Wear and Caries at Phaleron, Greece,**"** by Julianne R. Stamer, Elizabeth Hannigan, Kelly J. Knudson, and Jane E. Buikstra. Paper presented at the 95th Annual Meeting of the American Association of Biological Anthropology, Denver, Colorado, March 18-21.

90. 2026 **"**The Evolution and Spread of Andean Maize Revealed Through Archaeogenomics,**"** by Shuya Zhang, Christine A. Hastorf, Logan Kistler, José Mariano Capriles Flores, Douglas J. Kennett, Richard George, Marina Ellis, Alejandra Vidal, Kelly Knudson, Fabio Oliveira Freitas, and Robin Allaby. Paper presented at the 66th Annual Meeting of the Institute for Andean Studies, Berkeley, California, January 9-10, 2026.

89. 2025 **"**Archaeogenomics of Maize Evolution in the South American Andes,**"** by Shuya Zhang, Logan Kistler, Marina Ellis, José Mariano Capriles Flores, Christine A. Hastorf, Fabio Oliveira Freitas, Douglas J. Kennett, Kelly Knudson, Alejandra Vidal, Richard George, Hsiao-lei Liu, Teri Hansford, and Robin Allaby. Paper presented at the 11th International Symposium on Biomolecular Archaeology, Turin, Italy, August 26-29, 2025.

88. 2025 **"**Archaeogenomics of Maize Evolution in the South American Andes,**"** by Shuya Zhang, Logan Kistler, Marina Ellis, José Mariano Capriles Flores, Christine A. Hastorf, Fabio Oliveira Freitas, Douglas J. Kennett, Kelly Knudson, Alejandra Vidal, Richard George, Hsiao-lei Liu, Teri Hansford, and Robin Allaby. Paper presented at the Annual Meeting for the Society for Molecular Biology and Evolution, Beijing, China, July 20-24, 2025.

87. 2025 **"**Ancient Human and Tuberculosis DNA from the Osmore River Valley, Peru: Demographics, Disease, and Adaptation,**"** by Maxine McCarty, Adele Crane, Kelly Blevins, Allisen Dahlstedt, Kelly J. Knudson, Jane E. Buikstra, Flavio De Angelis, C. Eduardo Amorim, and Anne C. Stone. Paper presented at the 94th Annual Meeting of the American Association of Biological Anthropology, Baltimore, Maryland, March 12-15.

86. 2025 **"**Paleogenomic History and Adaptations from Early Archaic Chinchorro Culture to Present-Day People in Northern Chile**"** by Mario Apata

Mamani, Margarita Reyes-Madrid, Verónica Silva-Pinto, Kelly J. Knudson, Melissa Wilson, and Anne C. Stone. Paper presented at the 94th Annual Meeting of the American Association of Biological Anthropology, Baltimore, Maryland, March 12-15.

85. 2024 **"**Ancient Human DNA from the Osmore River Valley, Peru: Demographics, Disease, and Adaptation**"** by Maxine McCarty, Adele Crane, Kelly Blevins, Allisen Dahlstedt, Kelly J. Knudson, Jane E. Buikstra, Flavio De Angelis, C. Eduardo Amorim, and Anne Stone. Paper presented at the Annual Meeting of the Society for Molecular Biology and Evolution, Puerto Vallarta, Mexico, July 7-11.

84. 2024 "Scythian Life Histories on the Steppes of the Northern Black Sea Region: Interrogating Mobility through Biogeochemistry" by Cristina I. Tica, Sylwia Łukasik, Marta Krenz-Niedbała, Vitaly Sinika, and Kelly Knudson. Paper presented at the 30th Annual Meeting of the European Association of Archaeologists, Rome, Italy, August 28-31.

83. 2024 "Consider the Teeth: Assessing the Viability of Dentinal Collagen Preservation for Isotopic Analysis at Phaleron Cemetery (700-480 BCE)" by Jessica E. Rothwell, Julianne R. Stamer, Marcos de la Rosa-Martínez, Kelly J. Knudson, and Jane E. Buikstra. Paper presented at the 93rd Annual Meeting of the American Association of Biological Anthropology, Los Angeles, California, March 20-23.

82. 2024 "Investigating Skeletal Stress and Oral Health among the Working Class in Urbanizing Colombia: Evidence from a Cemetery in Bogotá" by Sarah Hall, Kelly J. Knudson, and Claudia Rojas-Sepúlveda. Paper presented at the 93rd Annual Meeting of the American Association of Biological Anthropology, Los Angeles, California, March 20-23.

81. 2024 **"**Ancient Human DNA from the Osmore River Valley, Peru: Demographics, Disease, and Adaptation**"** by Maxine McCarty, Adele Crane, Kelly Blevins, Allisen Dahlstedt, Kelly J. Knudson, Jane E. Buikstra, Flavio De Angelis, C. Eduardo Amorim, and Anne Stone. Paper presented at the 93rd Annual Meeting of the American Association of Biological Anthropology, Los Angeles, California, March 20-23.

80. 2024 **"**Characterization of Pre-Hispanic Oral Microbiomes Among Marine and Agricultural Diets in Coastal Populations from the Atacama Desert**"** by Mario Apata, Tanvi Honap, Cecil Lewis, Mario Castro, Verónica Silva-Pinto, Kelly J. Knudson, Melissa Wilson, and Anne Stone. Paper presented at the 93rd Annual Meeting of the American Association of Biological Anthropology, Los Angeles, California, March 20-23.

79. 2024 **"**Tracking the Movement of Pinniped-Derived *Mycobacterium tuberculosis* Strains along the Pre-Conquest Osmore Drainage Valley, Perú**"** by Kelly E. Blevins, Adele Crane, Maxine McCarty, Allisen Dahlstedt, Kelly J. Knudson, Jane E. Buikstra, and Anne C. Stone. Paper presented at the 93rd Annual Meeting of the American

Association of Biological Anthropology, Los Angeles, California, March 20-23.

78. 2023 "Parsing Climate, Movement, and Dietary Causes of Stable Isotope Change among Pre-Hispanic Camelids from Arequipa, Peru," by Beth K. Scaffidi, Gwyneth Gordon, Tiffiny Tung, and Kelly J. Knudson. Paper accepted to have been presented but withdrawn from IV Workshop on Archaeology and Stable Isotopes in Southern South America, Ushuaia, Argentina, April 18-21.

77. 2023 "Migration and Inequality: Using Biogeochemistry in a Historical Skeletal Assemblage from Bogota, Colombia," by Sarah A. Hall, Claudia Rojas-Sepúlveda, and Kelly J. Knudson. Paper presented at the 88th Annual Meeting of the Society for American Archaeology, Portland, Oregon, March 29-April 2.

76. 2023 "Stable Isotope Measures of Weaning Age and Early Childhood Diet in the Ancient Andes: Variation in Early Life Experiences Across Osteological Sex and Human Body Modification in Tiwanaku Society" by Marcos de la Rosa-Martinez, Alexandra Greenwald, Deborah E. Blom, Natalya Zolotova, and Kelly J. Knudson. Poster presented at the 88th Annual Meeting of the Society for American Archaeology, Portland, Oregon, March 29-April 2.

75. 2023 "In Body and Earth: Moche Ritual Offerings and Ontologies of Corporeal Malleability at Huaca Colorada, Peru" by Aleksa K. Alaica, Luis Manuel González La Rosa, Stefanie Wai, and Kelly J. Knudson. Paper presented at the 63rd Annual Meeting of the Institute for Andean Studies, Berkeley, California, January 12-15.

74. 2022 "Making Sense of Modified Mouths: Investigating Aspects of Tooth Ablation in Iron Age Central Thailand," by Gina Palefsky, Thanik Lertcharnit, Sora L. Kim, and Kelly J. Knudson. Poster presented at the 8th Annual Meeting of the Western Bioarchaeology Group, Riverside, California, October 21-22.

73. 2022 "Isobiographical Insights into Foodways and Social-Ages of Sub-Adults: A Multi-Scalar Approach to a Middle Horizon Population from Tiwanaku, Peru," by Marcos de la Rosa-Martinez, Alexandra Greenwald, Deborah E. Blom, Natalya Zolotova, and Kelly J. Knudson. Poster presented at the 8th Annual Meeting of the Western Bioarchaeology Group, Riverside, California, October 21-22.

72. 2021 "Highland and Coastal Interactions: Multi-Isotopic Analysis of Middle Horizon Human (CE 600-1000) Human Remains from the Cañoncillo Complex, Northern Peru," by Aleksa K. Alaica, Luis Manuel González La Rosa, and Kelly J. Knudson. Paper presented at the 49th Annual Meeting for the Canadian Association for Physical Anthropology, October 27-30.

71. 2021 "Analisis Multi-Proxy de Restos Oseos de Camelidos, Valle de Ambato, Catamarca, Argentina (Multi-Proxy Analysis of Camelid Remains, Ambato Valley, Catamarca, Argentina)" by Mariana Dantas, Germán G. Figueroa, and Kelly J. Knudson. Paper presented at the

Annual Meeting for the Neotropical Zooarchaeology Working Group-International Council for Archaeozoology, October 27-29 (meeting held virtually).

70. 2021 "Movilidad en el Valle de Ambato: Nuevos Aportes desde el Analisis de $\delta^{18}O$ (Mobility in the Ambato Valley: New Contributions from $\delta^{18}O$ Analysis)" by Mariana Dantas, Germán G. Figueroa, and Kelly J. Knudson. Paper presented at the 8th Annual National Archaeometry Congress, September 15-17 (meeting held virtually).

69. 2021 "Animal Life Histories: Biochemical Analyses as Proxies for Diet and Mobility among Dogs and Camelids in Northern Arid Peru" by Aleksa Alaica, Luis Manuel González La Rosa, and Kelly J. Knudson. Paper presented in the symposium, "Adding Flesh to the Bones: The Integration of Biochemical and Biomolecular Techniques in the Study of Human-Animal Relationships" at the 21st Annual Meeting of the European Association of Archaeologists, Kiel, Germany, September 8-11.

68. 2021 "Isotopic Insights into Coastal-Highland Interactions in the Middle Horizon Wari Hinterland, Arequipa, Peru (CE600-1000): Considering Camelid Pastoralism along the Andean Vertical Archipelago and the Chala-Yungas-Quechua Ecozones" by Aleksa Alaica, Beth K. Scaffidi, Justin Jennings, Luis Manuel González La Rosa, Kelly J. Knudson, and Tiffiny A. Tung. Paper accepted to have beeen presented in the symposium, "Agropastoral Practices in the Andean Macro-Region: Assessing Its Heterogeneity through Recent Methodological Advances and Interpretive Frames" 57th Annual International Congress of Americanists, Foz de Iguacu, Brasil, July 19-23. (meeting cancelled)

67. 2021 **"**Geographic Insularity and Locally-Bound Diets: Isotopic Insights into Late Intermediate Period (*ca.* 1100-1400 CE) Lifeways at Quilcapampa, Sihuas Valley, Peru**"** by Beth K. Scaffidi, Corina Kellner, Justin Jennings, Kelly J. Knudson, and Tiffiny Tung. Poster presented at the 90th Annual Meeting of the American Association of Physical Anthropology, Baltimore, Maryland, April 7-10.

66. 2020 **"**Sarmatians on the Great Hungarian Plain: Assessing Mobility through Biogeochemistry**"** by Cristina Tica, Orsolya László**,** Éva Szakos, László Schilling, Gwyneth Gordon, and Kelly J. Knudson. Paper accepted to be presented at the 25th Annual Meeting of the European Association of Archaeologists, Bern, Switzerland, September 4-7 (meeting cancelled).

65. 2020 **"**Dietary Diversification Across the Tiwanaku Polity: Isotopic Paleodietary Reconstructions Using Sequential Sampling of Dentinal Collagen and Bayesian Methods**"** by Marcos C. Martinez, Alexandra M. Greenwald, Deborah E. Blom, and Kelly J. Knudson. Paper accepted to have been presented at the 89th Annual Meeting of the American Association of Physical Anthropology, Los Angeles, California, April 15-18 (meeting cancelled).

64. 2020 "Traveling Monastic Paths: Mobility and Religion at Medieval Irish Monasteries" by Elise Alonzi, Niamh Daly, Gwyneth Gordon, Rachel E. Scott, and Kelly J. Knudson. Paper presented at the Irish Isotopes Research Group Workshop, University College Dublin, Dublin, Ireland, February 15.

63. 2019 Elise Alonzi, Ryan Lash, and Kelly J. Knudson, "Illaunloughan: A Bioarchaeological Case Study of Medieval Fosterage in Early Medieval Ireland." Paper presented at the University College Dublin Archaeological Research Day, Dublin, Ireland, December 13.

62. 2019 "Trace Element Analysis of Archaeological Human Enamel Apatite: Implications for Documenting Biological Sex and Health Status," by Beth K. Scaffidi, Gwyneth Gordon, and Kelly J. Knudson. Paper presented at the Annual Great Scientific Exchange (SciX) Conference, Palo Alto, California, October 13-18.

61. 2019 "From Coast to Karoo: A Radiogenic Bioavailable Strontium Isoscape in South Africa for Provenience Studies," by Andrew M. Zipkin, Erich C. Fisher, Hayley C. Cawthra, Curtis Marean, Gwyneth Gordon, and Kelly J. Knudson. Paper presented at the Annual Great Scientific Exchange (SciX) Conference, Palo Alto, California, October 13-18.

60. 2019 "Crowd-Sourcing Isoscapes in (Bio)Archaeology: The Andean Paleomobility Unification (APU) Project and Geolocation of Skeletons and Artifacts," by Beth K. Scaffidi and Kelly J. Knudson. Poster presented at the 84th Annual Society for American Archaeology Meeting, Albuquerque, New Mexico, April 10-14.

59. 2019 "Parental Investment in a High-Stress Environment: Weaning Age and Early Childhood Diet in the Majes Valley, Arequipa, Peru," by Alexandra M. Greenwald, Beth K. Scaffidi, and Kelly J. Knudson. Paper presented at the 84th Annual Society for American Archaeology Meeting, Albuquerque, New Mexico, April 10-14.

58. 2019 "Examining Inter-Regional Interaction in the Tiwanaku State (C.E. 500-1100) Using $^{87}Sr/^{86}Sr$ Analysis of Building Material from a Provincial Ceremonial Center," by Julianna Santillan Goode, Allisen C. Dahlstedt, Paul S. Goldstein, and Kelly J. Knudson. Poster presented at the 84th Annual Society for American Archaeology Meeting, Albuquerque, New Mexico, April 10-14.

57. 2019 "Beyond the Swartberg: Preliminary Findings from an Extended Strontium Isoscape in the South African Karoo," by Andrew M. Zipkin, Erich C. Fisher, Hayley C. Cawthra, Gwyneth Gordon, and Kelly J. Knudson. Poster presented at the Annual Meeting of the Paleoanthropology Society, Albuquerque, New Mexico, April 8-9.

56. 2019 "Stable Isotope Measures of Weaning Age and Early Childhood Diet in the Ancient Andes: Variation in Early Life Experiences and Health Outcomes across Status and Sex in Tiwanaku-Affiliated Sites in Peru and Bolivia," by Alexandra M. Greenwald, Deborah Blom, Natalya Zolotova, and Kelly J. Knudson. Paper presented at the 59th presented

at the 88th Annual American Association of Physical Anthropologists Meeting, Cleveland, Ohio, March 27-30.

55. 2019 "Exploring Provincial Interactions in the Tiwanaku State (C.E. 500-1100) Using Paleodiet Reconstruction," by Julianna Santillan Goode, Allisen C. Dahlstedt, Paul S. Goldstein, Margaret Schoeninger, and Kelly J. Knudson. Paper presented at the 59th presented at the 88th Annual American Association of Physical Anthropologists Meeting, Cleveland, Ohio, March 27-30.

54. 2019 "Violence and Geographic Fluidity: Using Incremental Strontium Isotopes to Track Geographic Residence Throughout the Life Course in Prehistoric Arequipa, Peru," by Beth K. Scaffidi, Gwyneth Gordon, George Kamenov, Cristina Tica, Rebecca Ulloa, Kelly J. Knudson, and John Krigbaum. Paper presented at the 59th presented at the 88th Annual American Association of Physical Anthropologists Meeting, Cleveland, Ohio, March 27-30.

53. 2019 "The Andean Paleomobility Unification (APU) Project: Strontium and Oxygen Isoscapes from Skeletal Data and Field Data Collection Strategies" by Beth K. Scaffidi and Kelly J. Knudson. Paper presented at the 59th Annual Meeting of the Institute of Andean Studies, Berkeley, California, January 4-5.

52. 2018 "An Analysis of Biological Diversity and Admixture in Ottoman Romania Utilizing Strontium Isotope and Craniometric Affinity Patterns," by Kathryn Grow Allen, Ryan Mills, Kelly J. Knudson, and Noreen Von-Carmon Taubadel. Paper presented at the 87th Annual American Association of Physical Anthropologists Meeting, Austin, Texas, April 11-14.

51. 2018 "El niño con la pipa – Historia de una vida breve, detallada en datos arqueológicos, bioantropológicos, y biogeoquímicos (The Boy with the Pipe: History of a Brief Life Detailed through Archaeological, Bioanthropological, and Biogeochemical Data)," by Christina Torres-Rouff, Gonzalo Pimentel, William J. Pestle, Mariana Ugarte, and Kelly J. Knudson. Paper presented at the 21st Congreso Nacional de Arqueología Chilena, Santiago, Chile, December 3-7.

50. 2018 "Temporal Trends in Diet and Morbidity at the Qinefab School Site," by Annie Laurie Norris, Brenda J. Baker, Kelly J. Knudson, and Natalya Zolotova. Paper withdrawn after being accepted to be presented at the Annual American Schools of Oriental Research Meeting, Denver, Colorado, November 14-17.

49. 2018 "Social Inequality during the Iron Age in Central Thailand: A Case Study of Mortuary Practice and Migration at Ban Pong Manao, Lopburi Province," by Gina Palefsky, Thanik Lertcharnrit, and Kelly J. Knudson. Paper presented at the 21h Indo-Pacific Prehistory Association Conference, Hue, Vietnam, September 23-28.

48. 2018 "Companions in Life and Death: Pastoralism in Middle to Late Bronze Age Naxçıvan, Azerbaijan," by Hannah Lau and Kelly J. Knudson.

Paper presented at the 13th Meeting for the International Council on Archaeozoology, Ankara, Turkey, September 2-7.

47. 2018 "An Analysis of Biological Diversity and Admixture in Ottoman Romania Utilizing Strontium Isotope and Craniometric Affinity Patterns," by Kathryn Grow Allen, Ryan Mills, Kelly J. Knudson, and Noreen Von-Carmon Taubadel. Paper presented at the 87th Annual American Association of Physical Anthropologists Meeting, Austin, Texas, April 11-14.

46. 2018 "Large-Scale Human Sacrifice and Feasting at Sican, Peru During the 11th-Century Mega El Nino: A Multidisciplinary Vision of the Contexts, Impacts, and Responses," by Carlos G. Elera, Izumi Shimada, Alexandra Greenwald, Jenna Hurtubise, Haagen Klaus, Kelly J. Knudson, and Ken-ichi Shinoda. Paper presented at the 83nd Annual Society for American Archaeology Meeting, Washington, DC, April 11-15.

45. 2017 "Movilidad y apoderadas isotópicas: explorado la variación regional y complejidad social en Huacas de Moche, Perú (Multiple isotopic proxies for mobility: Exploring local variability and social complexity at Huacas de Moche, Peru)," by J. Marla Toyne, Kelly J. Knudson, and Santiago Uceda. Paper presented at the II Taller de Arqueología e Isotopos Estables, Mendoza, Argentina, November 1-3.

44. 2017 "Baseline Characterization and Biogeochemical Variation for the Identification of Paleomobility in the Aegean," by Eleni Anna Prevedorou, Jane E. Buikstra, Gwyneth W. Gordon, and Kelly J. Knudson. Poster presented at the 86th Annual American Association of Physical Anthropologists Meeting, New Orleans, Louisiana, April 19-22.

43. 2017 "Examining Radiogenic Strontium Isotope Data for Central Mexican Paleomobility Studies," by Sofía I. Pacheco-Forés, Christopher T. Morehart, Elise Alonzi, Gwyneth Gordon, and Kelly J. Knudson. Poster presented at the 82nd Annual Society for American Archaeology Meeting, Vancouver, Canada, March 29-April 2.

42. 2017 "Paleomobility and Paleodiet through Biogeochemistry in Bronze Age Attica," by Eleni-Ana Prevedorou, Jane E. Buikstra, Gwyneth W. Gordon, and Kelly J. Knudson. Paper presented at the Annual Archaeological Institute of America Meeting, Toronto, Canada, January 5-8.

41. 2017 "Preservation of Hair Stable Isotope Signatures During Freezing" by Gwyneth Gordon, Tiffany Saul, Dawnie Steadman, Kelly J. Knudson, Daniel Wescott. Poster presented at the 69th American Academy of Forensic Sciences, New Orleans, Louisiana, February 13-18.

40. 2015 "Calate. De lugar desnudo a laboratorio arqueológico de la movilidad el el trafico prehispánico en el desierto de Atacama (Calate: From a denuded place to an archaeological laboratory of pre-Hispanic mobility in the Atacama Desert)," by Gonzalo Pimentel G., Mariana Ugarte, Christina Torres-Rouff, José Blanco, Magdalena García, Kelly J.

Knudson, and William J. Pestle. Paper presented at the 20th Congreso Nacional de Arqueología Chilena, Concepción, Chile, October 5-9.

39. 2015 "Dinámica social y procedencia geográfica de individuos en Mendoza: Primeros resultados con isótopos de estroncio (Social Dynamics and Geografic Origins of Individuals in Mendoza: Preliminary Results from Strontium Isotopes)," by María Nella Quiroga, Kelly J. Knudson, Víctor A. Durán, Paula Novellino and Ramiro Barberena. Paper presented at the 20th Congreso Nacional de Arqueología Chilena, Concepción, Chile, October 5-9.

28. 2015 "Entierros en ruta: Una perspectiva bioanthropologica y biogeoquímica sobre la movilidad en los espacios internodales del norte de Chile (Burials En Route: A Bioarchaeological and Biogeochemical Perspective on Mobility in the Internodal Spaces of Northern Chile)," by Christina Torres-Rouff, William J. Pestle, Kelly J. Knudson, and Gonzalo Pimentel. Paper presented at the 20th Congreso Nacional de Arqueología Chilena, Concepción, Chile, October 5-9.

37. 2015 "Enfoque Bioarqueológico y Biogeoquímico en la Niñez de Tiwanaku: Intersección de Identidades Sociales y Biológicas Locales En Los Andes – Moquegua (Bioarchaeological and Biogeochemical Approach to Tiwanaku Childhood: Intersections of Social Identities and Local Biologies in the Andes)," by Susana del Risco, Deborah E. Blom, Kelly J. Knudson, and Raquel Moscoso Paredes. Paper presented at the II Congreso Nacional de Arqueología, Lima, Peru, August 4-7, 2015.

36. 2015 "Bioarchaeological Analyses of an Ancestral Context from Cahal Pech, San Ignacio, Belize," by Anna C. Novotny, Jamie Awe, Catarina Santasillia, and Kelly J. Knudson. Paper presented at the 80th Annual Society for American Archaeology Meeting, San Francisco, California, April 15-19.

35. 2015 "Investigating Economic Specialization on the Central Peruvian Coast: A Reconstruction of Late Intermediate Period Ychsma Diet Using Stable Carbon and Nitrogen Isotopes," by Sara J. Marsteller, Kelly J. Knudson, and Natalya Zolotova. Paper presented at the 84th Annual American Association of Physical Anthropologists Meeting, St. Louis, Missouri, March 25-29.

34. 2014 "Explorando la desigualdad mediante la bioarqueología: Una consideración detallada de los entierros de Larache (AD 400-1000), San Pedro de Atacama, Chile (Exploring Inequality through Bioarchaeology: A Detailed Consideration of the Burials of Larache (AD 400-1000), San Pedro de Atacama, Chile)," by Christina Torres-Rouff, Mark Hubbe, William J. Pestle, and Kelly J. Knudson. Paper presented at the 23rd Annual Latin American Congress of Biological Anthropology, Santiago, Chile, October 15-18.

33. 2014 "Isótopos radiogénicos de estroncio y estrategias de cría y circulación de camélidos en el Valle de Ambato (Catamarca, Argentina) (Radiogenic Strontium Isotopes and Strategies of Breeding and Circulation of Camelids en the Ambato Valley (Catamarca,

Argentina)),” by Mariana Dantas and Kelly J. Knudson. Paper presented at the 12th Annual International Conference of Archaeozoology, San Rafael, Mendoza, Argentina, September 22-27.

32. 2014 “New Bioarchaeological Investigations at Tomb Three, La Pijotilla (Solana de los Barros, Bajadoz, Spain),” by Marta Díaz-Zorita Bonilla, Charlotte Roberts, Leonardo García Sanjuán, Chris Scarre, Kelly J. Knudson, Michael P. Richards, and V. Hurtado Pérez. Paper presented at the International Union of the Prehistoric and Protohistoric Sciences XVII Meeting, Burgos, Spain, September 1-7.

31. 2014 “Glimpsing Internal Variation and Inequality through Bioarchaeology: A Consideration of Dental Health and Paleodiet in Larache (AD 400-1000), San Pedro de Atacama, Chile,” by Christina Torres-Rouff, Mark Hubbe, William J. Pestle, and Kelly J. Knudson. Paper presented at the 83rd Annual American Association of Physical Anthropologists Meeting, Calgary, Alberta, Canada, April 8-12.

30. 2013 “Living on the Seashore: A Consideration of Lifestyle Among Formative Period Fisherpeoples of Northern Chile,” by Christina Torres-Rouff, William J. Pestle, Kelly J. Knudson, and Francisco Gallardo. Paper presented at the 82nd Annual American Association of Physical Anthropologists Meeting, Knoxville, Tennessee, April 9-13.

29. 2012 “Investigando la afinidad: Explorando las relaciones biológicas entre la población de San Pedro de Atacama en el Periodo Medio (Investigating Affinity: Exploring the Biological Relationships within the Population of San Pedro de Atacama During the Middle Horizon),” by Christina Torres-Rouff, Kelly J. Knudson, and Mark Hubbe. Paper presented at the 19th Congreso Nacional de Arqueología Chilena, Arica, Chile, October 8-12.

28. 2012 “Diet and Socioeconomic Status at Teotihuacan, Mexico: Preliminary Indications from Stable Carbon and Nitrogen Isotopes,” by Kristin L. Nado, Natalya Zolotova, and Kelly J. Knudson. Poster presented at the 77th Annual Society for American Archaeology Meeting, Memphis, Tennessee, April 18-22.

27. 2012 “At Home or Abroad: An Investigation of Human Migration Patterns in Copper Age Spain Using Strontium Isotopes,” by Anna J. Waterman, Marta Diaz-Zorita Bonilla, David W. Peate, and Kelly J. Knudson. Poster presented at the 77th Annual Society for American Archaeology Meeting, Memphis, Tennessee, April 18-22.

26. 2012 “Integrating $^{87}Sr/^{86}Sr$ and $\delta^{18}O$ Values of Archaeological Enamel with Geological and Environmental Water Baseline Isotopic Data: A Case Study in Geographic Origins from Nasca, Peru,” by Emily Webb, Christine White, Kelly J. Knudson, and Fred Longstaffe. Poster presented at the 81st Annual American Association of Physical Anthropologists Meeting, Portland, Oregon, April 11-14.

25. 2012 “Radiogenic Strontium Isotope Analysis from the Hopewell Affiliated Brown’s Bottom Site and Baseline Data from the Central Scioto River Valley, Ohio,” by Emily Schach, Christopher Carr, and Kelly J.

Knudson. Poster presented at the 81st Annual American Association of Physical Anthropologists Meeting, Portland, Oregon, April 11-14.

24. 2012 "Weaning, Age Identities and Embodiment in the South Central Andes: A Preliminary Paleodietary Investigation Using Carbon and Oxygen Stable Isotope Analysis," by Allisen Dahlstedt, Deborah E. Blom, and Kelly J. Knudson. Paper presented at the 81st Annual American Association of Physical Anthropologists Meeting, Portland, Oregon, April 11-14.

23. 2012 "Dietary Diversity in the Prehistoric Atacama Desert, an Initial Approximation of Regional Patterns," by William J. Pestle, Christina Torres-Rouff, Mark Hubbe, Francisca Santana S., Gonzalo Pimentel, Francisco Gallardo, and Kelly J. Knudson. Paper presented at the 40th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, February 25-26.

22. 2011 "Diversidad en la dieta de poblaciones del norte de Chile a través del estudio de isotopos estables: un primer acercamiento macro-regional (Dietary Diversity in Populations in Northern Chile through Stable Isotopes: A First Macro-Regional Approach)," by Christina Torres-Rouff, William J. Pestle, Mark Hubbe, Gonzalo Pimentel, Francisca Santana S., and Kelly J. Knudson. Paper presented at the 3rd Congreso Latinoamericano de Arqueometria, Arica, Chile, November 14-18.

21. 2011 "Preliminary Isotopic Analysis of Post-Meroitic to Christian Period Nubians from the Ginefab School Site, Sudan," by Meridith A. Masoner, Brenda J. Baker, and Kelly J. Knudson. Poster presented at the 79th Annual American Association of Physical Anthropologists Meeting, Minneapolis, Minnesota, April 12-16.

20. 2011 "Multi-Ethnicity in the Sicán World: Figurines and Other Lines of Evidence," by Gabriela Cervantes, Izumi Shimada, Haagen Klaus, and Kelly J. Knudson. Paper presented at the 76th Annual Society for American Archaeology Meeting, Sacramento, California, March 31-April 4.

19. 2010 "Movilidad y Paleodieta de la Comunidad Argárica de Gatas. Análisis de $^{87}Sr/^{86}Sr$ $\delta^{18}O$, and $\delta^{13}C$ (Mobility and Paleodiet in the Argaric Site of Gatas. $^{87}Sr/^{86}Sr$ $\delta^{18}O$, and $\delta^{13}C$ Analysis)" by Marta Diaz-Zorita Bonilla, Eleni Anna Prevedorou, Jane E. Buikstra, Kelly J. Knudson, Gwyneth Gordon, and Ariel Anbar. Poster presented at the Primer Congreso de Prehistoria de Andalucía, Antequera, Spain, September 29-October 2.

18. 2010 "Life and Death of an Andean Traveler: Isotopic Evidence for Geographic Origins and Paleodiet in an Individual Buried along a Route Connecting the Coast and Interior of the Atacama Desert, Northern Chile" by Kelly J. Knudson, William J. Pestle, Christina Torres-Rouff, and Gonzalo Pimentel. Paper presented at the 78th Annual American Association of Physical Anthropologists Meeting, Albuquerque, New Mexico, April 14-17.

17. 2010 "Isotopic Analysis of Diet and Residential Mobility at San Pedro de Atacama, Chile: Understanding the Tiwanaku Phenomenon through Patterns of Local Social Organization in Solcor Ayllu" by Kristin L. Nado, Sara J. Marsteller, Laura M. King, Blair M. Daverman, Christina Torres-Rouff, and Kelly J. Knudson. Poster presented at the 78th Annual American Association of Physical Anthropologists Meeting, Albuquerque, New Mexico, April 14-17.

16. 2010 "The Solcor *Ayllu*: Exploring Variation in Biological and Cultural Elements from Contemporary Cemeteries in Pre-Columbian Northern Chile" by Laura M. King, Blair M. Daverman, Kristin L. Nado, Sara J. Marsteller, Christina Torres-Rouff, and Kelly J. Knudson. Poster presented at the 78th Annual American Association of Physical Anthropologists Meeting, Albuquerque, New Mexico, April 14-17.

15. 2009 "Pre-Hispanic Aviculture at Paquime: Carbon and Oxygen Isotope Analysis of Macaw Bone Carbonate" by Andrew Somerville, Ben Nelson, and Kelly J. Knudson. Paper presented at the 74th Annual Society for American Archaeology Meeting, Atlanta, Georgia, April 22-26.

14. 2009 "Residential Mobility and Dietary Patterns at the Prehistoric Site of Gatas, Southeastern Spain" by Eleni Anna Prevedorou, Marta Diaz-Zorita Bonilla, Jane E. Buikstra, Gwyneth Gordon, Ariel Anbar, and Kelly J. Knudson. Poster presented at the 78th Annual American Association of Physical Anthropologists Meeting, Chicago, IL, April 1-4.

13. 2008 "Geographic Origins and Residential Mobility at the Pilgrimage Center of Pachacamac, Peru" by Kelly J. Knudson, Martha Palma Málaga, Izumi Shimada, and Rafael Segura Llanos. Paper presented at the 77th Annual American Association of Physical Anthropologists Meeting, Columbus, Ohio, April 9-13.

12. 2008 "Dental Decoration and Residential Mobility in 8th Century Pamplona, Northern Spain" by Eleni Anna Prevedorou, Marta Diaz-Zorita Bonilla, Jane E. Buikstra, M. Paz de Miquel Ibáñez, and Kelly J. Knudson. Poster presented at the 77th Annual American Association of Physical Anthropologists Meeting, Columbus, Ohio, April 9-13.

11. 2007 "Explorando la movilidad y los patrones dietarios durante la Edad del Cobre en el Suroeste de la Península Ibérica: Estudio preliminar bioarqueológico del Tholos de Palacio III (Almadén de la Plata, Sevilla)," by Marta Diaz-Zorita Bonilla, A. J. Waterman and Kelly J. Knudson. Poster presented at the IX Congreso Nacional de Paleopatología Meeting, Morella, Spain, September 26-29.

10. 2007 "Acculturation and Geographic Origins: Integrative Bioarchaeological and Archaeological Chemical Analyses of an Individual from Solcor 3, North Chile" by Christina Torres-Rouff and Kelly J. Knudson. Paper presented at the 76th Annual American Association of Physical Anthropologists Meeting, Philadelphia, Pennsylvania, March 28-31.

9. 2007 "Diet, Disease, and the Paleopathological Record" by Alicia K. Wilbur, Amy W. Farnbach, Kelly J. Knudson, and Jane E. Buikstra. Poster

presented at the 76th Annual American Association of Physical Anthropologists Meeting, Philadelphia, Pennsylvania, March 28-31.

8. 2006 "Residential Mobility and Resource Use in the Chiribaya Polity of Southern Peru" by Kelly J. Knudson and Jane E. Buikstra. Paper presented at the 2nd Biannual Archaeological Sciences of the Americas Symposium, Tucson, Arizona, September 13-16.

7. 2006 "The Life History of an Inka Sacrifice Using Archaeological Chemistry" by Kelly J. Knudson, Jason Yaeger, and Deborah E. Blom. Paper presented at the 75th Annual American Association of Physical Anthropologists Meeting, Anchorage, Alaska, March 5-12.

6. 2006 "Identifying the Origin of Wari Trophy Heads in the Ancient Andes using Bioarchaeology and Archaeological Chemistry" by Tiffiny A. Tung and Kelly J. Knudson. Paper presented at the 75th Annual American Association of Physical Anthropologists Meeting, Anchorage, Alaska, March 5-12.

5. 2005 "Identifying Archaeological Residential Mobility in the Andes: The Utility of Multiple Chemical Techniques" by Kelly J. Knudson and T. Douglas Price. Paper presented at the UK Archaeological Science Conference, Bradford, United Kingdom, April 13-16.

4. 2005 "Residential Mobility and Archaeological Chemistry in the South Central Andes: Trace Element and Strontium Isotope Data from Tiwanaku and Chiribaya Sites" by Kelly J. Knudson. Paper presented at the 33rd Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, Columbia, Missouri, February 26-27.

3. 2004 "Fish Heads, Fish Heads: Activity Area Analysis in Contemporary Yup'ik Fish Camps in Western Alaska through Chemical Characterization of Soils" by Kelly J. Knudson, Lisa Frink, Brian Hoffman and T. Douglas Price. Paper presented at the 1st Annual Archaeological Sciences of the Americas Symposium, Tucson, Arizona, September 23-26.

2. 2003 "Tiwanaku Residential Mobility, Migration and Ritual Behavior as Determined by Archaeological Chemistry" by Kelly J. Knudson, T. Douglas Price, Jane Buikstra and Deborah Blom. Paper presented at the 31st Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, Chicago, Illinois, February 22-23.

1. 2002 "Strontium Isotope Analysis and Migration in the South Central Andes: Tiwanaku Colonization of the Moquegua Valley" by Kelly J. Knudson, T. Douglas Price, Jane Buikstra and Deborah Blom. Paper presented at the 33rd International Symposium on Archaeometry, Amsterdam, The Netherlands, April 22-26.

INVITED WORKSHOPS ATTENDED

2006 Participated in the Cross-Disciplinary Approaches to Migration Conference organized by Graciela S. Cabana and Jeffrey J. Clark at Arizona State University, Tempe, Arizona, October 12-13.

1996 Participated in Shaping the Future: Strategies for Revitalizing Undergraduate Education conference sponsored by the National Science Foundation and the National Research Council, Washington, D.C., July 11-13.

INVITED EXTERNAL PRESENTATIONS

2020 "Understanding Mobility in the Past through Strontium Isotope Analysis," Integrative Isotopic Sciences Seminar, University of Central Florida (November 9)

2019 "Biogeochemical and Bioarchaeological Approaches to Understanding Political and Environmental Change in the Andes," School of Anthropology, University of Arizona (January 31)

2016 "Desigualdad social e interacciones regionales en la prehistoria de Atacama (Social Inequality and Regional Interactions in the Prehistoric Atacama)," by Christina Torres-Rouff, Mark Hubbe, William J. Pestle and Kelly J. Knudson, Museo del Parque el Loa (Corporación de Cultura y Turismo de Calama), Calama, Chile (August 1)

2016 "Strontium Isotopes and Human Migration," Isotopes in Biogeochemistry and Ecology (SPATIAL Short Course), University of Utah (June 20)

2016 "Biogeochemical and Bioarchaeological Contributions to Understanding the Middle Horizon/Late Intermediate Period Transition in the Andes," Cotsen Institute of Archaeology, University of California, Los Angeles (March 10)

2012 "Isotopes and Archaeology: Biogeochemical Contributions to Understanding the Past," Keynote Address, Unlocking the Past: Archaeological Applications of Analytical Chemistry Sponsored by the American Chemical Society Division of Analytical Chemistry in Honor of the International Year of Chemistry, Beloit College (March 23)

2011 "Creation and Manipulation of Social Identities in the South Central Andes," Guest Scientist Presentation, National Science Foundation Summer Undergraduate Research Program, University of Notre Dame (June 24)

2011 "Isotopes and Anthropology: What Biogeochemistry Can Contribute to Bioarchaeology," Guest Scientist Presentation, National Science Foundation Summer Undergraduate Research Program, University of Notre Dame (June 23)

2010 "State Expansion and Collapse through Biogeochemistry and Bioarchaeology: Residential Mobility and Paleodiet in the Ancient Andes," University of California at San Diego (May 24)

2010 "Isotopes and Incas: Combining Biogeochemistry and Bioarchaeology to Understand State Formation and Integration in the Pre-Hispanic Andes," Sigma Xi, The Scientific Research Society (February 11)

2008 "Ancient Andean States through Biogeochemistry and Bioarchaeology," Central Arizona Archaeological Institute of America (December 4)

2008 "State Expansion and Collapse in the Andes through Biogeochemistry and Bioarchaeology," Department of Anthropology, University of Western Ontario (January 23)

2004 "Empires and Ideology: The Andean Middle Horizon," ANTH 102: Archaeology and the Prehistoric World, University of Wisconsin at Washington County (November 10)

2002 "Water and Ritual in the Andes: Archaeological, Ethnohistoric and Ethnographic Examples," Beloit College First Year Initiatives Program (November 7)

2002 "Anthropological Approaches to Migration: An Andean Case Study," to ANTH 210: Technique and Theory in Archaeology, Beloit College (November 7)

2001 "Water and Ritual in the Andes: Archaeological, Ethnohistoric and Ethnographic Examples," Beloit College First Year Initiatives Program (October 11)

2001 "Treks, Trade and Trace Elements: Recent Advances in Archaeological Chemistry," Beloit College Chemistry Club (October 11)

INVITED INTERNAL PRESENTATIONS

2023 "Understanding Diet and Mobility in the Past through Bioarchaeology and Biogeochemistry," ASM 300: Anthropological Sciences Seminar, Arizona State University (October 25)

2023 "Understanding Diet and Mobility in the Past through Bioarchaeology and Biogeochemistry," ASM 300: Anthropological Sciences Seminar, Arizona State University (February 27)

2022 "Understanding Diet and Mobility in the Past through Bioarchaeology and Biogeochemistry," ASM 300: Anthropological Sciences Seminar, Arizona State University (November 16)

2021 "Bioarchaeology at ASU," SHESC Early Start Program, Arizona State University (August 9)

2021 "Understanding Social Identities in the Past," ASB 560: Theory in Archaeology, Arizona State University (April 8)

2019 "Bioarchaeology at ASU," SHESC Early Start Program, Arizona State University (August 9)

2018 "Understanding Diet and Mobility in the Past through Bioarchaeology and Biogeochemistry," ASM 300: Anthropological Sciences Seminar, Arizona State University (November 5)

2018 "Bioarchaeology at ASU," SHESC Early Start Program, Arizona State University (August 3)

2017 "Bioarchaeology at ASU: Undergraduate Opportunities," SHESC Early Start Program, Arizona State University (August 8)

2017 "Reconstructing Paleodiet and Paleomobility Using Bioarchaeology and Biogeochemistry," ASM 300: Anthropological Sciences Seminar, Arizona State University (February 16)

2015 "Reconstructing Diet and Health Using Bioarchaeology," ASM 300: Anthropological Sciences Seminar, Arizona State University (April 21)

2014 “Guest Discussant: Identity Theory: Applications,” ASB 560: Theory and Archaeology, Arizona State University (November 13)

2014 “Guest Discussant: Identity Theory: Background,” ASB 560: Theory and Archaeology, Arizona State University (November 13)

2014 “Dissertation Writing 101,” School of Human Evolution and Social Change Bioarchaeology Brown Bag Lecture Series, Arizona State University (October 22)

2014 “Investigating Human-Environment Interactions in the Ancient Andes: A Case Study from Tiwanaku, Bolivia (AD 500-1100),” ASB 326: Human Impacts on the Environment, Arizona State University (April 1)

2014 “Navigating the Academic Job Market,” School of Human Evolution and Social Change Archaeology and Bioarchaeology Brown Bag Lecture Series, Arizona State University (March 17)

2011 “Human-Environment Interactions in the Andes: A Case Study from Tiwanaku, Bolivia (AD 500-1100),” ASB 326: Human Impacts on the Environment, Arizona State University (April 18)

2011 “Guest Discussant: Reconstructing Paleodiet through Biogeochemistry,” ASM 551: Prehistoric Diet, Arizona State University (February 22)

2011 “Reconstructing Mobility and Subsistence Patterns from Isotopes,” ASM 394: Anthropological Sciences Seminar, Arizona State University (February 15)

2010 “Assessing Migration and Identity through Archaeological Chemistry,” ASM 450: Bioarchaeology, Arizona State University (November 16)

2010 “Faculty Panel: How to Write a Successful Grant Proposal,” ASM 591: Proposal Writing, Arizona State University (September 28)

2010 “Human-Environment Interactions during the Middle Horizon (AD 500-1100): A Tiwanaku Case Study,” ASB 326: Human Impacts on the Environment, Arizona State University (April 13)

2010 “Migrations and Disruptions in the Past: Biogeochemistry and Bioarchaeology in the Andes,” Late Lessons through Early History, Arizona State University (January 29)

2007 “Andean Bioarchaeology of Empires” ASB 191: Civilizations of Antiquity, Arizona State University (December 3)

2007 “Ancient Andean Empires” ASB 191: Civilizations of Antiquity, Arizona State University (November 26)

2007 “Assessing Migration and Identity through Archaeological Chemistry” ASM 450: Bioarchaeology, Arizona State University (November 14)

2007 “Human-Environment Interactions during the Middle Horizon (AD 500-1100): A Tiwanaku Case Study,” ASB 326: Human Impacts on the Environment, Arizona State University (November 7)

2007 “Andean State Expansion and Collapse: Combining Biogeochemistry and Bioarchaeology,” School of Human Evolution and Social Change Archaeology and Bioarchaeology Brown Bag Lecture Series, Arizona State University (October 19)

2007 "Bioarchaeological Approaches to Migration and Mobility," ASM 301: Peopling of the World, Arizona State University (April 6)

2006 "Empires and Ideology: The Andean Middle Horizon," ASB 223: Buried Civilizations of the Americas, Arizona State University (October 20)

2006 "Bioarchaeology and the Andes," Undergraduate Anthropology Association Brown Bag Lecture Series, Arizona State University (October 19)

2006 "Andean Ritual Activity and Archaeological Residential Mobility," Center for Bioarchaeological Research Brown Bag Lecture Series, Arizona State University (October 6)

2006 "Identifying Archaeological Residential Mobility in the Andes: Tiwanaku Political Integration and Expansion," Ancient Urbanism Group, Arizona State University (April 14)

2006 "Andean Urbanism: Case Studies from the Wari and Tiwanaku Polities," ASB 591: Perspectives on Mesoamerican Urbanism, Arizona State University (February 21)

2006 "Identifying Archaeological Residential Mobility," W.M. Keck Foundation Laboratory for Environmental Biogeochemistry, Arizona State University (February 16)

2002 "Biomaterials and Bone Chemistry," ANTH 112: Principles of Archaeology, University of Wisconsin at Madison (July 3)

2002 "Introduction to Archaeometry," ANTH 112: Principles of Archaeology, University of Wisconsin at Madison (July 2)

2001 "Investigating Wari Residential Mobility in the South Central Andes: Excavations at Beringa, Majes Valley, Peru," University of Wisconsin at Madison AnthroCircle Presentation Series (November 20)

1999 "Archaeology in Arequipa: Survey, Excavation and *Cuy* Collecting in Southern Peru," University of Wisconsin at Madison AnthroCircle Presentation Series (December 1)

COURSES TAUGHT

Arizona State University (Current Courses)

2023-present Applying Anthropology (ASB 373)

2018-present London: Plague Pits and Body Snatchers (ASB 301/443)

2010-present Death and Dying in Cross-Cultural Perspective (ASB 353)

Arizona State University (Past Courses)

2020 Professionalism (ASB 501)

2018-2025 Understanding Archaeology (ASB 330)

2018-2025 Social Identities in the Past: Archaeological and Bioarchaeological Approaches (ASB 591)

2016-2025 Biogeochemistry and Anthropology: Investigations in Archaeological Chemistry (ASM 591)

2014-2017 Study Abroad in London: The World in One City (ASB 301/443)

2013 Massacres, Murders, and Mass Disasters: The Realities of Forensic Anthropology (ASB 191)

2009-2014 Buried Civilizations of the Americas (ASB 223)

2007-2017 The Bioarchaeology of Identity (ASM 591)
2007-2013 Human Behavior through Bone Chemistry (ASM 494/591)
2006 The Bioarchaeology of Empires (ASB 591)
2006-2009 Andean Archaeology (ASB 494/591)

University of Wisconsin at Fond du Lac

2006 Archaeology and the Prehistoric World (ANTH 102)
2006 Indians of North America (ANTH 314)
2005 Introduction to Physical Anthropology (ANTH 105),

Ripon College

2003 Andean Archaeology (ANTH 334)

University of Wisconsin at Madison

2003 Evolution of the Human Species (ANTH 107)
2002 Human Biology Laboratory (ANTH 106)

PUBLIC OUTREACH

2025-26 First LEGO League (FLL) Unearthed Challenge mentorship for seven elementary and middle school groups from the United States and Brazil

2025 "Isotopes and Atomic Radii in Archaeology with Kelly Knudson" Podcast Episodes with Susan Keatley on Science Fare (December 1)

2025 "Careers in Archaeology," Valley Vista High School (May 20)

2023 **"**Kelly Knudson on Using Archaeological Chemistry to Help Understand Feasting at a 2000-Year-Old Site in Peru – Parts 1, 2" Podcast Episodes with Susan Keatley on Science Fare (December 6, 13)

2022 "The Inka Empire and Writing with Knots" Presentation and Hands-On Khipu-Making Activities for Kyrene de la Mariposa Elementary School Fifth Graders (October 25)

2021 Osteology and Bioarchaeology Activities for Center for Bioarchaeological Research at the Homecoming Block Party, Arizona State University (October 30)

2019 Osteology and Bioarchaeology Activities for Center for Bioarchaeological Research at the Homecoming Block Party, Arizona State University (November 23)

2019 "The Inka Empire and Writing with Knots" Presentation and Hands-On Khipu-Making Activities for Kyrene de la Mariposa Elementary School Fifth Graders (September 26)

2019 Mock Excavation and Bioarchaeology Activities for Center for Bioarchaeological Research at Open Door, Arizona State University (February 23)

2018 Mock Excavation and Archaeology Activities for Child Development Laboratory, Archaeological Chemistry Laboratory, Arizona State University (November 19)

2018 "How and Why Do Archaeologists Learn from Bones?" Presentation and Hands-On Activities for Kyrene de la Mariposa Elementary School First Graders (November 15)

2018 Osteology and Bioarchaeology Activities for Center for Bioarchaeological Research at the Homecoming Block Party, Arizona State University (October 24)

2018 Osteology and Bioarchaeology Activities for Center for Bioarchaeological Research at Open Door, Arizona State University (February 24)

2018 "What Can Archaeologists Learn from Trash?" Presentation and Hands-On Activities for Kyrene de la Mariposa Elementary School Third Graders (January 18)

2017 Radio Interview on Bioarchaeology, KJZZ (September 13)

2017 Mock Excavation and Archaeology Activities for Child Development Laboratory, Archaeological Chemistry Laboratory, Arizona State University (April 17)

2017 Laboratory Tour and Science Activities for Child Development Laboratory, Archaeological Chemistry Laboratory, Arizona State University (March 21)

2017 Osteology and Bioarchaeology Activities for Center for Bioarchaeological Research at Night of the Open Door, Arizona State University (February 25)

2016 Interviewed for "Cemeteries Around the World: Nasca Trophy Heads and the Chauchilla Cemetery" in *Funeral Service Times*

2016 Exhibit Tour of "Supply and Demand: Hohokam Pottery Production" for Child Development Laboratory, Innovation Gallery, Arizona State University (October 21)

2016 "What is Cultural Anthropology? What Is Archaeology?" Presentation and Hands-On Activities for Montessori Academy Fourth, Fifth and Sixth Graders (September 26)

2016 Laboratory Tour and Career Advice for the Girls Leadership Academy of Arizona (GLAAZ), Archaeological Chemistry Laboratory, Arizona State University (April 1)

2015 Exhibit and Site Tour with Archaeological Activities for 48th Mariposa Scout Troop, Pueblo Grande Museum and Archaeological Site (November 7)

2015 Participant and Interviewee in Girls Writing Science Project through the Central Arizona Writing Project and Arizona State University Preparatory Academy (May 11)

2015 "What Is Our World Made Of?" Presentation and Hands-On Science Activities for Kyrene de la Mariposa Elementary School First Graders (February 18)

2015 Laboratory Tour and Science Activities for Child Development Laboratory, Archaeological Chemistry Laboratory, Arizona State University (February 2)

2014 Laboratory Tour and Science Activities for Child Development Laboratory, Archaeological Chemistry Laboratory, Arizona State University (March 24)

2013 Exhibit Tour of "City Life: Experiencing the World of Teotihuacan" for Child Development Laboratory, Museum of Anthropology, Arizona State University (December 9)

2013 Laboratory Tour and Science Activities for Child Development Laboratory, Archaeological Chemistry Laboratory, Arizona State University (May 13)

2013 Exhibit Tour of "Looking for the Future in the Past: Archaeology's Long-Term View" for Child Development Laboratory, Museum of Anthropology, Arizona State University (March 4)

2012 Exhibit Tour of "Digging Arizona" for Child Development Laboratory, Museum of Anthropology, Arizona State University (December 10)

2002 "How Archaeologists Know What They Know," Madison East High School (September 13)

2001 "How Archaeologists Know What They Know," Madison LaFollette High School (March 16)

2000 "How Do They *Know* That?: An Introduction to Survey, Excavation and Laboratory Analysis," Madison LaFollette High School (January 5)

1999 "How Do They *Know* That?: An Introduction to Survey, Excavation and Laboratory Analysis," Madison LaFollette High School (May 17)

PROFESSIONAL ACTIVITIES

Leadership Programs

2025-2026 Arizona State University Advanced Leadership Initiative Cohort X Member

2024-2025 Arizona State University Launching Leaders Program Cohort VII Member

2016-2017 Arizona State University Leadership Academy, peerLA Cohort IV Member

Professional Service

2025 External reviewer for promotion and tenure decisions for two scholars at US universities

2024 External reviewer for promotion and tenure decisions for three scholars at US universities

2023 External reviewer for promotion and tenure decisions for one scholar at a US university

2022-2023 Scientific Committee Member for the IV Taller Isótopos Estables en Arqueología Sudamericana (Fourth Workshop on Stable Isotopes in South American Archaeology), April 18-21, Ushuaia, Argentina

2022 External reviewer for Anthropology Graduate Program, University of California, Riverside

2022 External reviewer for promotion and tenure decisions for one scholar at a US university

2021 External reviewer for promotion and tenure decisions for four scholars at US universities and an international institute

2020 External reviewer for promotion and tenure decisions for four scholars at US universities and an international institute

2018	External reviewer for promotion and tenure decisions for two scholars at US universities
2017	External reviewer for promotion and tenure decisions for one scholar at a US university
2016	External reviewer for promotion and tenure decisions for one scholar at a US university
2016-2017	Scientific Committee Member for the II Taller Isótopos Estables en Arqueología Sudamericana (Second Workshop on Stable Isotopes in South American Archaeology), San Rafael, Mendoza, Argentina
2016	Exhibit Contributor for the museum exhibit "100 at 10: Celebrating Ten Years of the School of Human Evolution and Social Change" at the Innovation Gallery, Center for Archaeology and Society, School of Human Evolution and Social Change, Arizona State University
2014-2015	Exhibit Contributor for the museum exhibit "Speaking for the Dead: Exploring Forensic Anthropology" at the Innovation Gallery, Center for Archaeology and Society, School of Human Evolution and Social Change, Arizona State University
2014-2020	Center for Archaeology and Society Advisory Board Member
2013-2020	Editorial Board Member for Bioarchaeology and Social Theory Series, edited by Debra L. Martin and published by Springer
2013	Exhibit Contributor for the museum exhibit "Dig Deeper: Archaeology Field Schools and the Discovery of Self and Other" at the Cotsen Institute of Archaeology, University of California at Los Angeles
2013	Guest Editor, *Journal of the North Atlantic*
2012-2015	Conference Co-Organizer and Faculty Adviser for Western Bioarchaeology Group (WeBiG) Third Annual Conference, Tempe, Arizona, 2015
2012-2015	Western Bioarchaeology Group (WeBiG) Steering Committee Member
2011-2013	Society for American Archaeology Committee on Awards Committee Chair
2009-2011	Society for American Archaeology Committee on Awards Member
2007	Consultant for Discovery Channel television series, "Bone Detective"
2004-present	Reviewer for the following funding agencies: Canadian Foundation for Innovation, Chilean National Commission for Science and Technology Research, Davidson Fellows Scholarship Program, National Geographic Society, National Science Foundation, Fondo Nacional de Desarrollo Científico y Tecnológico (National Fund for Scientific and Technological Development in Chile), Foundation for Polish Science, Graduate Women in Science, National Environmental Research Council, Wenner-Gren Foundation
2004-present	Reviewer for the following publications: *American Antiquity, American Anthropologist,* American Chemical Society Publications Division, *American Journal of Physical Anthropology, Annals of Human Biology, Antiquity,* Cambridge University Press, *Chungara: Revista de Antropología Chilena, Current Anthropology, Environmetnal Archaeology, Geoarchaeology, Human Ecology, International Journal*

of Osteoarchaeology, Journal of Anthropological Archaeology, Journal of Archaeological Science, Journal of Archaeological Research, Latin American Antiquity, Maya Archaeology, Midcontinental Journal of Archaeology, PLOS One, Palaeogeography, Paleoclimatology, Palaeoecology, Proceedings of the National Academy of Science, Routledge, Springer, University Press of Florida, Wiley

2004 Consultant for Discovery Channel television series, "Mummy Autopsy"

Professional Associations

2020-present IsoARCH Association
2018-present Bioarcheology Interest Group, Society for American Archaeology
2015-2020 Irish Isotopes Research Group
2010-2012 International Association of Paleodontology
2007-2010 Sigma Xi, Arizona State University Chapter
2007-present Association for Women in Science, Central Arizona Chapter
2003-present American Association of Biological Anthropologists
2002-present American Anthropological Association, Biological Anthropology and Archaeology Divisions, Society for Anthropological Sciences Interest Group
2002-2012 Dental Anthropology Association
2001-2004 Geological Society of America
2000-2004 Sigma Delta Epsilon Graduate Women in Science University of Wisconsin at Madison
1999-present Society for Archaeological Sciences
1999-present Society for American Archaeology

University Service, Arizona State University

2026-present Faculty Forward Collaborative (FFC) Member
2026 Invited Panelist at Launching Leaders Program Workshop "LLP Alumni", February 5
2026 Invited Panelist at Launching Leaders Program Workshop "Managing and Developing Personnel", February 5
2025-present PROMOTE Advisory Council Member
2021-2022 ASU Library Featured Collections Program Curator and Contributor to Featured Collection entitled "Cultural Expressions of Grief and Death" on display at Hayden Library
2020 University Promotion and Tenure Committee Chair
2018 Invited Panelist and Table Leader at "Mastering the CV and Personal Statement" Workshop Sponsored by the Office of the University Provost, February 26
2018 Invited Panelist at Faculty Women's Association Workshop "Successful Promotion to Full Professor", February 26
2017-2021 University Promotion and Tenure Committee Member

College Service, Arizona State University

2026-present Special Advisor for Inclusive Excellence
2024-present *Ex officio* Member, The College of Liberal Arts and Sciences Dean's Academic Professional Advisory Council

2024-present *Ex officio* Member, The College of Liberal Arts and Sciences Dean's Faculty Advisory Council
2024-present *Ex officio* Member, The College of Liberal Arts and Sciences Committee on Committees
2024-present *Ex officio* Member, The College of Liberal Arts and Sciences Committee on Quality of Instruction
2024-2026 *Ex officio* Member, The College of Liberal Arts and Sciences Committee for Charter Initiatives
2025 Staff Search Committee Member (Project Coordinator)
2024 Staff Search Committee Member (Director, People and Talent)
2024 Staff Search Committee Member (Academic Personnel Specialist)

Departmental Service, Arizona State University

2024 Associate Director for Faculty Affairs
2024 Postdoctoral Scholar Search Committee Chair
2024 Postdoctoral Scholar Search Committee Member
2023 Faculty Search Committee Chair
2022-2024 Personnel Committee Chair
2021-2024 Faculty Mentoring Committee Member
2021 Faculty Search Committee Chair
2019-2024 Faculty Mentoring Committee Member
2018 Seven Year Review Committee Member
2017 Faculty Search Committee Chair
2017-2025 Director, Center for Bioarchaeological Research
2016 Staff Search Committee Member (Assistant to the Director)
2015 Staff Search Committee Chair (Business Operations Manager)
2015 Staff Search Committee Chair (Assistant Director)
2015 Staff Search Committee Chair (Assistant to the Director)
2014 Global Health Task Force Member
2014 Faculty Search Committee Member
2013-2016 Faculty Mentoring Committee Member
2013 Staff Search Committee Chair (Research Advancement Specialist)
2013 Staff Search Committee Chair (Senior Research Advancement Administrator)
2013-2014 Ruppé Prize Committee Member
2012-2016 Associate Director, School of Human Evolution and Social Change
2012-2014 Museums Committee Co-Chair
2011 Bylaws Committee Member
2010 Appeals Committee Member
2010 Faculty Search Committee Member
2010 Faculty Search Committee Member
2009 Faculty Award for Significant Contribution to Undergraduate Education in the School of Human Evolution and Social Change Committee Member
2008-2017 Long-Term Planning Committee Member, Center for Bioarchaeological Research
2008 Faculty Search Committee Member

2008 Faculty Search Committee Member
2006-2008 Affirmative Action Committee Member
2005-2011 Ruppé Prize Committee Member
2005-2006 Website Design Committee Member, Center for Bioarchaeological Research
2005-2006 Faculty Search Committee Member
2005-2006 Curriculum Committee Co-Chair, Center for Bioarchaeological Research
2005-2006 Undergraduate Curriculum Redesign Committee Member
2005-2006 Graduate Curriculum Implementation Committee Member

Departmental Service, University of Wisconsin at Madison

2001-2002 AnthroCircle Presentation Committee Chair
2000-2001 Department of Anthropology Sexual Harassment Committee Student Representative
1997-1998 Archaeology Brown Bag Lecture Series Co-Organizer

HONORS AND AWARDS

2012 Arizona State University Centennial Professor Award, Nominee
2011 Arizona State University Faculty Achievement Award for Excellence in Scholarly and Creative Activity, Young Investigator Category, Nominee
2010 Arizona State University College of Liberal Arts and Science Innovation in Teaching Award, Nominee
2004 The Robert J. Miller Prize in Anthropology at the University of Wisconsin at Madison
2003-2004 University of Wisconsin at Madison Dissertator Fellowship
2003 The Outstanding Student Honor Society member
1999 Phi Beta Kappa Scholarship
1997 Phi Beta Kappa member
1997 John H. Nair Award for Excellence in Chemistry
1996 American Chemical Society Junior Analytical Chemistry Award
1993-1997 Beloit College Presidential Scholarship