

Kurt Rademaker

Associate Professor
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Professional Interests:

Settlement of the Americas, environmental archaeology, hunter-gatherers, historical ecology, lithic technology and provenance, geographic information systems, interdisciplinary collaboration and education

Education:

- 2012 - Ph.D. Quaternary Archaeology, University of Maine
Dissertation: Early human settlement of the high-altitude Pucuncho Basin, Peruvian Andes (12 citations)
- 2006 - M.S. Quaternary and Climate Studies, University of Maine
Thesis: Geoarchaeological investigations of the Wayñuna site and Alca obsidian source, Peru (13 citations)
- 1997 - B.A. Anthropology, University of Kentucky

Current Academic Positions:

- 2024-present Associate Professor, Department of Anthropology, Center for the Study of the First Americans, Texas A&M University
- 2024-present Affiliated Assistant Professor, Department of Anthropology, Michigan State University
- 2015-present Affiliated Assistant Professor of Prehistory, Department of Early Prehistory and Quaternary Ecology and Institute for Archaeological Sciences, University of Tübingen

Grants and Awards: (\$ indicates competitively peer reviewed, ! indicates single yearly award)

External Grants, in preparation, pending, and funded

- In prep \$ National Science Foundation. Amount: (includes F&A). *Doctoral Dissertation Research: A Multi-Method Isotopic Approach to Diet and Mobility in the Early-Middle Holocene, Peru* with Emily Milton. **Role :PI.**
- 2024 \$ National Science Foundation Senior Archaeology Program. Amount: \$321K (includes F&A). Duration: 3 years. *“Early Human Ecology and Settlement Dynamics of the Central Andean Highlands.”* **Role: PI.**
- 2024 Elfrieda Frank Foundation Research Grant. \$25,000 (no F&A). Duration: 1 year. *Did Prehistoric Hunters of the High Andes Target Ice Age Megafauna 13,000 Years Ago?* **Role: PI.**
- 2024 \$ Rust Foundation. Amount: \$6610 (no F&A). Duration: 1 year. *Investigating Early Holocene Forager Strategies: A Multi-Isotopic Analysis of Four Humans from the Pacific Coast, Peru* with PhD student Emily Milton. **Role: PI.**

- 2018 Tübingen Reloaded Research Stay Grant, Tübingen Research Alumni Center (TRACe). Amount: €4000 (no F&A). **Role: PI.**
- 2017 \$ US National Science Foundation Senior Archaeology Program Amount: \$195,378. (includes F&A). Duration: 2 years, extended 3 years through May 2022. *“Social Adaptation in a Highly Varied Spatial Environment.”* BCS-1659015. **Role: PI.**
- 2015 Max Planck Institute and Pontificia Universidad Católica del Perú, Amount: €40,000 (no F&A). Duration: 1 year. *“Bioarchaeological Investigation of Early Andean People in the Pucuncho Basin.”* **Role: PI.**
- 2014 \$ National Geographic Society Committee for Research and Exploration. Amount: \$20,470 (no F&A). Duration: 1 year. *“Archaeological Investigation of a Paleoindian Inter-Zonal Settlement System in Southern Peru.”* #9531-14. **Role: PI.**
- 2012 \$ National Geographic Society Waitt Foundation. Amount: \$15,000 (no F&A). Duration: 1 year. *“Archaeological Excavation of Cuncaicha, a High-Altitude Ice-Age Rockshelter in the Peruvian Andes.”* Grant #219-12. **Role: PI.**
- 2012 \$ US National Science Foundation Archaeology. Amount: \$18,774 (no F&A). Duration: 1 year. *“Doctoral Dissertation Improvement Grant: Early Human Settlement of the High-Altitude Pucuncho Basin, Southern Peruvian Andes.”* Award #1208748. (PI: Daniel Sandweiss, U. of Maine). **Role: Co-PI.**
- 2011 \$ Getty Archaeological Fund. Amount: \$700 (no F&A). *“Radiocarbon Dating of Cuncaicha, a High-Altitude Rock Shelter Site in the Peruvian Andes.”* **Role: PI.**
- 2010 Foundation for Exploration and Research on Cultural Origins (FERCO) Research Grant. Amount: \$2500 (no F&A). Duration: 1 year. **Role: PI.**
- 2010 \$ Lewis and Clark Exploration and Field Research Grant, American Philosophical Society. Amount: \$5000 (no F&A). Duration: 1 year. *“Early Human Exploration of the High Andes, Southern Peru.”* **Role: PI.**
- 2008 \$ Lambda Alpha Anthropology Honor Society Graduate Research Award. Amount: \$4275 (no F&A). Duration: 1 year. *“Early Human Exploration of the High Andes, Southern Peru.”* **Role: PI.**
- 2008 \$ Sigma Xi Grant in Aid of Research. Amount: \$1000 (no F&A). Duration: 1 year. *Climatic, Ecological, and Archaeological Investigations of Coropuna-Pucuncho, Southern Peruvian Andes* Grant ID#G200810150407. **Role: PI.**

External grants, not funded

- 2024 \$ Humboldt Foundation Research Group Linkage Programme. Amount: 100,000 € (no F&A). Duration: 3 years. *Persistent Resilience: Human Lifeways and Ecology Interactions in the Andes* with Kevin Lane, Christian Mader, Julia Meister. **Role: PI.**
- 2023 \$ National Science Foundation Senior Archaeology Program. Amount: \$310,578 (includes F&A). Duration: 3 years. *“Early Human Ecology and Settlement Dynamics of the Central Andean Highlands.”* **Role: PI.**
- 2021 \$ German National Science Foundation (DFG). Amount: \$232,222 (no F&A). Duration: 4 years. *“Early Human Settlement Dynamics of the Central Andean Puna: A Multi-Scalar Approach to Investigate Adaptation and Resilience.”* **Role: PI.**
This was one of eight PI sub-projects bundled within an unsuccessful DFG Proposal for a Research Unit *“Adaptation and Resilience of Pioneering South American Populations.”*
Amount: €3,029,712. Duration 4 years. Lead PI: Katarina Harvati, U. of Tübingen.
- 2020 \$ National Science Foundation Human Environment Geographical Sciences Program. *“Terminal Pleistocene Holocene Human-environment Dynamics in the Central Andean Puna, from Human Arrival to Camelid Domestication.”* Amount: \$373,517 (includes F&A). Duration: 2 years. **Role: PI.**
- 2019 \$ National Geographic Society Committee for Research and Exploration. *“New Archaeological Investigation of Human Ecology in the Puna of Junin, Peruvian Andes.”* Amount: \$24,876 (no F&A). Duration: 1 year. **Role: PI.**

Internal Grants, funded

- 2022 \$ Faculty Initiatives Fund, College of Social Science, Michigan State U. Amount: \$6185 (no F&A). Duration: 1 year. *“Recovery of Ancient Genomes from 8000-year-old Burials at Puerto Lomas, Pacific Coast of Peru.”* **Role: PI**
- 2019 \$ Faculty Initiatives Fund, College of Social Science, Michigan State U. Amount: \$6100 (no F&A). Duration: 1 year. *“New Archaeological Investigation of Human Ecology in the Puna of Junin, Peruvian Andes.”* **Role: PI.**
- 2017 \$ Research and Artistry Opportunity Grant, Northern Illinois U. Amount: \$14,250 (no F&A). Duration: 1 year. *“Toward Assessing Long-Term Human Habitability of the Peruvian Andes with Paired Archaeological and Lake Records.”* **Role: PI.**

From 2004-2012 I received 22 internal competitive research and travel grants at the University of Maine from the Graduate Student Government (14), Getty Archaeological Research Fund (1), Churchill Exploration Fund (5), Dysarts Program (1), and the Maine Economic Improvement Fund (1).

Awards

- 2015 \$ Alexander von Humboldt Postdoctoral Fellowship.
- 2014 \$! Research Prize in Early Prehistory and Quaternary Ecology, U. of Tübingen. Amount: €5000
- 2008 \$! Geological Society of America Claude C. Albritton Archaeological Geology Award. Amount: \$650
- 2008 \$! Society for American Archaeology Douglas C. Kellogg Geoarchaeology Award. Amount: \$500

Research and Scholarship:

Google Scholar **h-index=21, i10 index=27, 2354 citations** (details below)

Peer-Reviewed Journal Articles (+graduate student co-author, *senior or lead author)

+*Osorio, D., S. Parodi, J. Steele, K. Moore, +E. Milton, +S. Meinekat, C. Huidobro, and ***K. Rademaker**, in prep. Lithic technology at Cuncaicha rockshelter during the Terminal Pleistocene, Peruvian dry puna.

***Rademaker, K.**, S. Zarrillo, K. Moore, +B. Furlotte, +S. Meinekat, +E.B.P. Milton, and +D. Osorio in prep. Foraging patterns at the highest Pleistocene site in the Americas.

Marsh, E. and **K. Rademaker**

2024, submitted. Human-environment interactions in the Puna of Junín during the peopling of the Andes and the Inca occupation: Fire, megafauna, camelid domestication, and deforestation. *Quaternary Science Reviews*

Reid, D., P.R. Williams, A. Cardona Rosas, R. Coleman Goldstein, L. Dussubieux, C. Banikazemi, and **K. Rademaker**

2024, in press. Obsidian procurement and exchange at the apogee of empire: Wari political economy in Arequipa, Peru. *Latin American Antiquity*. <https://doi.org/10.1017/laq.2023.68>

Rademaker, K.

2024, in press Updated Peru archaeological radiocarbon database, 20,000-7000 ¹⁴C BP *Quaternary International*. <https://doi.org/10.1016/j.quaint.2024.01.012>

Menaker, A. and **K. Rademaker**

2023 Obsidian in the Valley of Volcanoes, Peru. *Journal of Archaeological Science: Reports* 51: 104173. <https://doi.org/10.1016/j.jasrep.2023.104173>

+Meinekat, S., +E.B.P. Milton, B. Furlotte, S. Zarrillo, and ***K. Rademaker**

2023 Fire as high-elevation cold adaptation: An evaluation of fuels and Terminal Pleistocene combustion in the central Andes. *Quaternary Science Reviews* 316: 108244. <https://doi.org/10.1016/j.quascirev.2023.108244> (4 citations)

Bromley, G.R.M., A. Putnam, B. Hall, **K. Rademaker**, H. Thomas, A. Balter-Kennedy, S. Barker, and D. Rice

2023 Lateglacial shifts in seasonality reconcile conflicting North Atlantic temperature signals. *Journal of Geophysical Research - Earth Surface* 128, e2022JF006951. <https://doi.org/10.1029/2022JF006951> (8 citations)

Holcomb, J.A., R.D. Mandel, E. Otárola-Castillo, **K. Rademaker**, +R.L. Rosencrance, K.N. McDonough, S. Miller, and B.T. Wygal

2022 Does the evidence at Arroyo del Vizcaíno (Uruguay) support the claim of human occupation 30,000 years ago? *PaleoAmerica* 8(4): 285-299. <https://doi.org/10.1080/20555563.2022.2135476> (7 citations)

- Lovis, W.A., A.F. Arbogast, D.H. Carr, R.E. Donahue, **K. Rademaker**, and +K. McKeehan
 2022 The Parkhill Phase Middle Paleoindian Hipwater locale, southern lower Michigan, USA. *PaleoAmerica* 8(4): 315-329. <https://doi.org/10.1080/20555563.2022.2135478> (1 citation)
- +Milton, E.B.P., N. Stansell, H. Bocherens, A. Brownlee, D. Chala-Aldana, and ***K. Rademaker**
 2022 Examining surface water $\delta^{18}\text{O}$ and $\delta^2\text{H}$ values in the western central Andes: A watershed moment for anthropological mobility studies. *Journal of Archaeological Science* 146: 10565. <https://doi.org/10.1016/j.jas.2022.105655> (3 citations)
- Burger, R.L., E. Tsurumi, M. Boulanger, **K. Rademaker**, V. B elisle, and M.D. Glascock
 2022 Sayrosa, a minor obsidian source in the puna of Arequipa. * awpa Pacha (Journal of the Institute of Andean Studies)* 42(2): 185-204. <https://doi.org/10.1080/00776297.2022.2029157> (3 citations)
- ***Rademaker, K.**, M.D. Glascock, D.A. Reid, E. Zu iga, and G.R.M. Bromley
 2022 Comprehensive mapping and compositional analysis of the Alca obsidian source, Peru. *Quaternary International* 619: 56-71. <https://doi.org/10.1016/j.quaint.2021.11.029> (9 citations)
- +Meinekat, S., C. Miller, and ***K. Rademaker**
 2021 A site formation model for Cuncaicha rock shelter: Depositional and post-depositional processes at the high-altitude keysite in the Peruvian Andes. *Geoarchaeology* 37: 304–331. <https://doi.org/10.1002/gea.21889> (8 citations. This article was one of the top 10 cited articles in the journal *Geoarchaeology* in 2022 and 2023).
- Potter, B.A., J.C. Chatters, A.M. Prentiss, S.J. Fiedel, G. Haynes, R.L. Kelly, J.D. Kilby, F. Lano , J. Holland-Lulewicz, D.S. Miller, J.E. Morrow, A.R. Perri, **K.M. Rademaker**, J.D. Reuther, B.T. Ritchison, G. Sanchez, I. S anchez-Morales, M. Spivey-Faulkner, J.W. Tune, and C. Vance Haynes
 2021 Current understanding of the earliest human occupations in the Americas: Evaluation of Valdivia-Becerra and Higham (2020). *PaleoAmerica* 8(1): 62-76. <https://doi.org/10.1080/20555563.2021.1978721> (27 citations)
- Chatters, J.C., B.A. Potter, A.M. Prentiss, S.J. Fiedel, G. Haynes, R.L. Kelly, J.D. Kilby, F. Lano , J. Holland-Lulewicz, D.S. Miller, J.E. Morrow, A.R. Perri, G. Politis, **K.M. Rademaker**, J.D. Reuther, B.T. Ritchison, G. Sanchez, I. S anchez-Morales, M. Spivey-Faulkner, J.W. Tune, and C.V. Haynes.
 2021 Evaluating claims of early human occupation at Chiquihuite Cave, Mexico. *PaleoAmerica* 8(1): 1-16. <https://doi.org/10.1080/20555563.2021.1940441> (17 citations)
- Kocher, A., L. Papac, R. Barquera, F.M. Key, M.A. Spyrou, R. H ubler, A.B. Rohrlach, F. Aron, R. Stahl, A. Wissgott, F. van B ommel, M. Pfeifferkorn, A. Mittnik, V. Villalba-Mouco, G.U. Neumann, M. Rivollat, M.S. van de Loosdrecht, K. Majander, R.I. Tukhbatova, L. Musralina, A. Ghalichi, S. Penske, S. Sabin, M. Michel, J. Gretzinger, E.A. Nelson, T. Ferraz, K. N agele, C. Parker, M. Keller, E.K. Guevara, M. Feldman, S. Eisenmann, E. Skourtanioti, K. Giffin, G.A. Gneccchi Ruscone, S. Friederich, V. Schimmenti, V. Khartanovich, M.K. Karapetian, M.S. Chaplygin, V.V. Kufterin, A.A. Khokhlov, A.A. Chizhevsky, D.A. Stashenkov, A.F. Kochkina, C. Tejedor-Rodr guez,  . Garc a-Mart nez de Lagr n, H. Arcusa-Magall n, R. Garrido-Pena, J.I. Royo-Guill n, J. Nov cek, S. Rottier, S. Kacki, S. Saintot, E. Kaverzneva, A.B. Belinskiy, P. Velem nsk y, P. Limbursk y, M. Kostka, L. Loe, E. Popescu, R. Clarke, A. Lyons, R. Mortimer, A. Sajantila, Y. Chinique de Armas, S.T. Hernandez Godoy, D.I. Hern andez-Zaragoza, J. Pearson, D. Binder, P. Lefranc,

A.R. Kantorovich, V.E. Maslov, L. Lai, M. Zoledziewska, J.F. Beckett, M. Langová, A. Danielisová, T. Ingman, G. García Atiénzar, M.P. de Miguel Ibáñez, A. Romero, A. Sperduti, S. Beckett, S.J. Salter, E.D. Zilivinskaya, D.V. Vasil'ev, K. von Heyking, R.L. Burger, L.C. Salazar, L. Amkreutz, M. Navruzbekov, E. Rosenstock, C. Alonso-Fernández, V. Slavchev, A.A. Kalmykov, B.Ch. Atabiev, E. Batieva, M. Alvarez Calmet, B. Llamas, M. Schultz, R. Krauß, J. Jiménez-Echevarría, M. Francken, S. Shnaider, P. de Knijff, E. Altena, K. Van de Vijver, L. Fehren-Schmitz, T.A. Tung, S. Lösch, M. Dobrovolskaya, N. Makarov, C. Read, M. Van Twest, C. Sagona, P.C. Ramsel, M. Akar, K.A. Yener, E. Carmona Ballesteros, F. Cucca, V. Mazzarello, P. Utrilla, **K. Rademaker**, E. Fernández-Domínguez, D. Baird, P. Semal, L. Márquez-Morfin, M. Roksandic, H. Steiner, D. Carlos Salazar-García, N. Shishlina, Y.S. Erdal, F. Hallgren, Y. Boyadzhiev, K. Boyadzhiev, M. Küßner, D. Sayer, P. Onkamo, R. Skeates, M. Rojo-Guerra, A. Buzhilova, E. Khussainova, L.B. Djansugurova, A.Z. Beisenov, Z. Samashev, K. Massy, M. Mannino, V. Moiseyev, K. Mannermaa, O. Balanovsky, M.-F. Deguilloux, S. Reinhold, S. Hansen, E.P. Kitov, M. Dobeš, M. Ernée, H. Meller, K.W. Alt, K. Prüfer, C. Warinner, S. Schiffels, P.W. Stockhammer, K. Bos, C. Posth, A. Herbig, W. Haak, J. Krause, and D. Kühnert

2021 Ten millennia of hepatitis B virus evolution. *Science* 374: 182–188.
<https://doi.org/10.1126/science.abi5658> (79 citations)

Karakostis, A., H. Reyes-Centeno, M. Francken, G. Hotz, **K. Rademaker**, and K. Harvati
2021 Bio-cultural evidence of precise manual activities in an early Holocene individual of the high-altitude Peruvian Andes. *American Journal of Physical Anthropology* 174: 35-48.
<https://doi.org/10.1002/ajpa.24160> (24 citations)

Nakatsuka, N., I. Lazaridis, C. Barbieri, P. Skoglund, N. Rohland, S. Mallick, C. Posth, K. Harkins-Kinkaid, M. Ferry, É. Harney, M. Michel, K. Stewardson, J. Novak-Forst, J.M. Capriles, M.A. Durruty, K.A. Álvarez, D. Beresford-Jones, R. Burger, L. Cadwallader, R. Fujita, J. Isla, G. Lau, C. Lémuz Aguirre, S. LeBlanc, S. Calla Maldonado, F. Meddens, P.G. Messineo, B.J. Culleton, T.K. Harper, J. Quilter, G. Politis, **K. Rademaker**, M. Reindel, M. Rivera, L. Salazar, J.R. Sandoval, C.M. Santoro, N. Scheifler, V. Standen, M.I. Barreto, I. Flores Espinoza, E. Tomasto-Cagigao, G. Valverde, D.J. Kennett, A. Cooper, J. Krause, W. Haak, B. Llamas, D. Reich, and L. Fehren-Schmitz
2020 Paleogenomic reconstruction of the deep population history of the Andes. *Cell* 181: 1131-1145.
<https://doi.org/10.1016/j.cell.2018.10.027> (90 citations)

Menéndez, L.P. and **K. Rademaker**
2020 Estudio ecomorfológico de la variación craneana en poblaciones prehistóricas del Perú. *Revista del Museo de La Plata* 5(1): 171-189. <https://doi.org/10.24215/25456377e101> (1 citation)

Menéndez, L.P., **K. Rademaker**, and K. Harvati
2019 Revisiting east-west skull patterns and the role of random factors in South America: Cranial reconstruction and morphometric analysis of the facial skeleton from Cuncaicha rock shelter (southern Peru). *PaleoAmerica* 5(4): 315-334.
<https://doi.org/10.1080/20555563.2019.1703167> (10 citations)

Bromley, G.R.M., J.-C. Thouret, I. Schimmelpfennig, J. Mariño; D. Valdivia; **K. Rademaker**, S.d.P. Vivanco Lopez, ASTER team - G. Aumaître, D. Bourlés, and K. Keddadouche
2019 *In situ* cosmogenic ³He and ³⁶Cl and radiocarbon dating of volcanic deposits refine the Pleistocene and Holocene eruption chronology of SW Peru. *Bulletin of Volcanology* 81: 64.
<https://doi.org/10.1007/s00445-019-1325-6> (36 citations)

- Putnam, A.E., G.R.M. Bromley, **K. Rademaker**, and J. Schaefer
 2019 *In situ* ¹⁰Be production-rate calibration from a ¹⁴C-dated late-glacial moraine belt in Rannoch Moor, central Scottish Highlands. *Quaternary Geochronology* 50: 105-125.
<https://doi.org/10.1016/j.quageo.2018.11.006> (32 citations)
- Posth, C., N. Nakatsuka, I. Lazaridis, P. Skoglund, S. Mallick, T.C. Lamnidis, N. Rohland, K. Nägele, N. Adamski, E. Bertolini, N. Broomandkhoshbacht, A. Cooper, B.J. Culleton, T. Ferraz, M. Ferry, A. Furtwängler, W. Haak, K. Harkins, T.K. Harper, Tabita Hünemeier, A.M. Lawson, B. Llamas, M. Michel, E. Nelson, J. Oppenheimer, N. Patterson, S. Schiffels, J. Sedig, K. Stewardson, S. Talamo, C.-C. Wang, J.-J. Hublin, M. Hubbe, K. Harvati, A. Nuevo Delaunay, +J. Beier, M. Francken, P. Kaulicke, H. Reyes-Centeno, K. Rademaker, W.R. Trask, M. Robinson, S.M. Gutierrez, K.M. Prufer, D.C. Salazar-García, E.N. Chim, L. Müller Plumm Gomes, M.L. Alves, A. Liryo, M. Inglez, R.E. Oliveira, D.V. Bernardo, A. Barioni, V. Wesolowski, N.A. Scheifler, M.A. Rivera, C.R. Plens, P.G. Messineo, L. Figuti, D. Corach, C. Scabuzzo, S. Eggers, P. DeBlasis, M. Reindel, C. Méndez, G. Politis, E. Tomasto-Cagigao, D.J. Kennett, A. Strauss, L. Fehren-Schmitz, J. Krause, and D. Reich (*members of my team underlined*)
 2018 Reconstructing the deep population history of Central and South America. *Cell* 175: 1185-1197.
<https://doi.org/10.1016/j.cell.2018.10.027> (337 citations)
- Chala-Aldana, D., H. Bocherens, C. Miller, K. Moore, G. Hodgins, and ***K. Rademaker**
 2018 Investigating mobility and highland occupation strategies during the Early Holocene at the Cuncaicha rock shelter through strontium and oxygen isotopes. *Journal of Archaeological Science: Reports* 19: 811-827. <https://doi.org/10.1016/j.jasrep.2017.10.023> (29 citations)
- Pitblado, B. and **K. Rademaker**
 2017 The peopling of high-altitude landscapes of the Americas. *Quaternary International* 461: 1-3.
<https://doi.org/10.1016/j.quaint.2017.10.006> (7 citations)
- Bromley, G.R.M., J.M. Schaefer, B.A. Hall, **K.M. Rademaker**, A.E. Putnam, C.E. Todd, +M. Hegland, G. Winckler, +M.S. Jackson, and +P. Strand
 2016 A cosmogenic ¹⁰Be chronology for the local last glacial maximum and termination in the Cordillera Oriental, southern Peruvian Andes: Implications for the tropical role in global climate. *Quaternary Science Reviews* 148: 54-67. <https://doi.org/10.1016/j.quascirev.2016.07.010> (42 citations)
- *Rademaker, K.**, G. Hodgins, K. Moore, S. Zarrillo, C. Miller, G.R.M. Bromley, +P. Leach, +D.A. Reid, W. Yépez Álvarez, and D.H. Sandweiss
 2016 Cuncaicha rockshelter, a key site for understanding colonization of the high Andes. *Current Anthropology* 57(1): 101-103. <https://doi.org/10.1086/684826> (21 citations)
- Méndez, C., **K. Rademaker**, and Vivien G. Standen
 2015 Early lithic technology in South America: Moving beyond regional projectile point typologies. / Tecnología lítica temprana en Sudamérica: superando las tipologías regionales de puntas de proyectil. *Chungara Revista de Antropología Chilena* 47(1): 3-5. (4 citations)
- Rademaker, K.**
 2014 Late ice-age human settlement of the high-altitude Peruvian Andes. *Mitteilungen der Gesellschaft für Urgeschichte* 23: 13-35. Tübingen. (11 citations)

***Rademaker, K.**, G. Hodgins, K. Moore, S. Zarrillo, C. Miller, G.R.M. Bromley, +P. Leach, +D.A. Reid, W. Yépez Álvarez, and D.H. Sandweiss

2014 Paleoindian settlement of the high-altitude Peruvian Andes. *Science* 346: 466-469.
<https://doi.org/10.1126/science.1258260> (254 citations)

Bromley, G.R.M., A.E. Putnam, **K.M. Rademaker**, T.V. Lowell, J.M. Schaefer, B.L. Hall, G. Winckler, S. Birkel, and H. Borns

2014 Younger Dryas deglaciation of Scotland driven by warming summers. *Proceedings of the National Academy of Sciences* 111(17): 6215-6219. <https://doi.org/10.1073/pnas.1321122111> (76 citations)

***Rademaker, K.**, M.D. Glascock, B. Kaiser, D. Gibson, D.R. Lux, and M.G. Yates

2013 Multi-technique geochemical characterization of the Alca obsidian source, Peruvian Andes. *Geology* 41(7): 779-782. <https://doi.org/10.1130/G34313.1> (32 citations)

Sandweiss, D.H. and **K.M. Rademaker**

2013 El poblamiento del sur peruano: Costa y sierra. *Boletín de Arqueología PUCP* 15: 274-294. Lima. (33 citations)

***Rademaker, K.**, G.R.M. Bromley, and D.H. Sandweiss

2013 Peru archaeological radiocarbon database, 13,000-7000 ¹⁴C B.P. *Quaternary International* 30: 34-45. <https://doi.org/10.1016/j.quaint.2012.08.2052> (46 citations)

Bromley, G.R.M., B.L. Hall, **K.M. Rademaker**, C.E. Todd, and A.E. Racoviteanu

2011 Late Pleistocene snowline fluctuations at Nevado Coropuna (15°S), southern Peruvian Andes. *Journal of Quaternary Science* 26(3): 305-317. <https://doi.org/10.1002/jqs.1455> (33 citations)

Bromley, G.R.M., B.L. Hall, J.M. Schaefer, G. Winckler, C.E. Todd, and **K.M. Rademaker**

2011 Glacier fluctuations in the southern Peruvian Andes during the late-glacial period, constrained with cosmogenic ³He. *Journal of Quaternary Science* 26(1): 37-43.
<https://doi.org/10.1002/jqs.1424> (61 citations)

Sandweiss, D.H., A.R. Kelley, D.F. Belknap, J.T. Kelley, **K.M. Rademaker**, and +D.A. Reid

2009 GPR identification of an early monument at Los Morteros in the Peruvian coastal desert. *Quaternary Research* 73: 439-448. <https://doi.org/10.1016/j.yqres.2010.03.002> (15 citations)

Bromley, G.R.M., J.M. Schaefer, G. Winckler, B.L. Hall, C.E. Todd, and **K.M. Rademaker**

2009 Relative timing of last glacial maximum and late-glacial events in the central tropical Andes. *Quaternary Science Reviews* 28: 2514–2526. <https://doi.org/10.1016/j.quascirev.2009.05.012> (87 citations)

Perry, L., R. Dickau, S. Zarrillo, I. Holst, D.M. Pearsall, D.R. Piperno, M.J. Berman, R.G. Cooke, **K. Rademaker**, A.J. Ranere, J.S. Raymond, D.H. Sandweiss, F. Scaramelli, K. Tarble, and J.A. Zeidler

2007 Starch fossils and the domestication and dispersal of chili peppers (*Capsicum* spp.) in the Americas. *Science* 315: 986-988. <https://doi.org/10.1126/science.1136914> (631 citations)

Perry, L., D.H. Sandweiss, D. Piperno, **K. Rademaker**, M.A. Malpass, A. Umire, and P. de la Vera
2006 Early maize agriculture and interzonal interaction in southern Peru. *Nature* 440: 76-79.
<https://doi.org/10.1038/nature04294> (172 citations)

Guest Editorships of Peer-Reviewed Journals

In prep (with D. Contreras and E. Marsh) Leveraging radiocarbon in the Central Andes: From chronologies to research agendas. *Quaternary International*

2017 (with B. Pitblado) The peopling of high-altitude landscapes of the Americas. *Quaternary International* 461.

2015 (with C. Méndez and V. Standen) Early lithic technologies in South America: Beyond regional projectile point typologies. *Chungara Revista de Antropología Chilena* 47.

Peer-Reviewed Book Chapters (+graduate student co-author, *senior or lead author)

Karakostis, F.A., G. Hotz, **K. Rademaker**, V. Gourgoulis, M. Kouloukoussa, and K. Harvati
accepted. Exploring the habitual manual activities of a possible Upper Paleolithic individual from Greece ("Apidima C"). In *Human Evolution at the Crossroads*, edited by K. Harvati. Kerns Verlag: Tübingen.

Urban, M., C. Barbieri, and **K. Rademaker**

2024, in press. The languages of the Andes. In *The Oxford Handbook of Archaeology and Language*, edited by M. Robbeets and M. Hudson. Oxford University Press.

Pitblado, B. and **K. Rademaker**

2024, in press. The earliest peopling of the Rocky and Andes Mountains. In *The Oxford Handbook of Mountain Archaeology*, edited by F. Carrer, M. Callanan, P. della Casa, F. Fontana, S. Reinholds and H. Saul. Oxford University Press.

Reid, D.A., P.R. Williams, **K. Rademaker**; N. Tripcevich, and M.D. Glascock

2022 The characterization of small-sized obsidian debitage using p-XRF: A case study from Arequipa, Peru. In *Obsidian Across the Americas*, edited by G.M. Feinman and D.J. Riebe, pp. 124-147. Archaeopress. <http://doi.org/10.32028/9781803273600> (2 citations)

***Rademaker, K.** and G. Hodgins

2018 Exploring the chronology of occupations and burials at Cuncaicha rockshelter, Peru. In *New Perspectives on the Peopling of the Americas*, edited by K. Harvati, G. Jäger, and H. Reyes-Centeno, pp. 107-124. Words Bones Genes Tools: DFG Center for Advanced Studies Series, Vol 1. Kerns Verlag: Tübingen. (13 citations)

Francken, M., +J. Beier, H. Reyes-Centeno, K. Harvati, and ***K. Rademaker**

2018 The human skeletal remains from Cuncaicha rock shelter, Peru. In *New Perspectives on the Peopling of the Americas*, edited by K. Harvati, G. Jäger, and H. Reyes-Centeno, pp. 125-152. Words Bones Genes Tools: DFG Center for Advanced Studies Series, Vol 1. Kerns Verlag: Tübingen. (5 citations)

***Rademaker, K.** and K. Moore

2018 Variation in the occupation intensity of early forager sites of the Andean puna: Implications for settlement and adaptation. In *Foraging in the Past: Archaeological Studies of Hunter-Gatherer Diversity*, edited by A.K. Lemke, pp. 76-118. University Press of Colorado: Boulder. (15 citations)

***Rademaker, K.**, +D.A. Reid, and G.R.M. Bromley

2012 Connecting the dots: Least-cost analysis, paleogeography, and the search for Paleoindian sites in southern highland Peru. In *Least Cost Analysis of Social Landscapes: Archaeological Case Studies*, edited by D.A. White and S. Surface-Evans, pp. 32-45. University of Utah Press: Salt Lake City. (41 citations)

Publications, Non-Peer-reviewed (+graduate student co-author)

***Rademaker, K.**, K. Moore, S. Zarrillo, +B. Furlotte, +S. Gruver, +E. Milton, +D. Osorio, and +T. Panczak
In prep Adaptaciones y Conexiones Inter-Zonales en un Sistema de Asentamiento Temprano. Resolución Directoral Nacional 900016-2018. Final Report for Peruvian Ministry of Culture.

***Rademaker, K.** and P. Kaulicke

In prep Cronología y Estratigrafía en Pachamachay y Panaulauca, Puna de Junín, Temporada. Resolución Directoral Nacional No. 273-2019. Final Report for Peruvian Ministry of Culture.

***Rademaker, K.**, M. Arellano Lima, P. Vargas Castillo, and H. Reyes-Centeno

2023 Proyecto de Investigación Arqueológica Lomas-1: Una Aproximación a los Periodos Tempranos de la Provincia de Caravelí – Arequipa. Final Report for Peruvian Ministry of Culture.

***Rademaker, K.** and C. Mauricio

2018 Sitios Costeros en un Sistema de Asentamiento Temprano: Quebrada Jaguay y Pampa Colorada. Resolución Directoral Nacional 205-2017. Final Report for Peruvian Ministry of Culture, 131 pp.

***Rademaker K.** and P. Kaulicke

2017 Investigación Bio-arqueológica de Pobladores Andinos Tempranos en la Cuenca de Pucuncho. Resolución Directoral Nacional 353-2015. Final Report for Peruvian Ministry of Culture, 85 pp.

***Rademaker, K.** and S. Zarrillo

2015 Survival of the highest. *Natural History* Field Notes, March. (1 citation)

Sandweiss, D.H. and **K.M. Rademaker**

2014 Wayñuna (Peru). In: *Encyclopedia of Global Archaeology*, edited by C. Smith, C. Springer.

***Rademaker, K.** and C. Mauricio Llonto

2014 Investigación Arqueológica de un Sistema de Asentamiento Paleoindio Inter-Zonal en el Sur del Perú (Cuencas Ocoña-Majes). Resolución Directoral Nacional 343-2014. Final Report for Peruvian Ministry of Culture, 103 pp.

***Rademaker, K.** and W. Yépez Álvarez

2013 Proyecto Arqueológico Cuncaicha, Cuenca de Pucuncho. Resoluciones Directorales Nacionales 569-2012 and 837-2012. Final Report for Peruvian Ministry of Culture, 44 pp.

Rademaker, K.

2011 Proyecto de Investigación Arqueológica Pucuncho. Resolución Directoral Nacional 849-2010. Final Report for Peruvian Ministry of Culture, 111 pp.

Sandweiss, D.H. and **K. Rademaker**

2006 First civilization in the Americas. *2007 Science Year/World Book Annual Science Supplement*, 12-25.

Collaborations

in review Collaborator, DFG German National Science Foundation research grant to PI Cosimo Posth, University of Tübingen. "*Genetic Continuity, Demographic History and High Elevation Adaptation of Andean Highlanders.*"

2019-2023 External collaborator, Chilean National Science Foundation (FONDECYT) research grant to PI Patricio López, Museum of Natural and Cultural History of the Atacama Desert. "*Ocupaciones Humanas y Paisajes de Altura. Marco Paleoambiental y Geo-arqueológico durante el Poblamiento Humano Inicial en la Puna Meridional del Desierto de Atacama.*"

Organized conferences and conference sessions:

Contreras, D., E. Marsh, and **K. Rademaker**

2022 Radiocarbon in the central Andes: From chronologies to research agendas. 87th Annual Meeting, Society for American Archaeology (SAA), Chicago.

Rademaker, K.

2020 Host, 48th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, February 29-March 1. Michigan State University.

Stewart, B. and **K. Rademaker**

2019 Life on the ledge: Human-environment dynamics in Earth's high mountains and plateaus. 20th International Union for Quaternary Research (INQUA) Congress, Dublin, Ireland.

Stewart, B. and **K. Rademaker**

2018 The human odyssey in Earth's high mountains and plateaus. 83rd Annual Meeting, Society for American Archaeology (SAA), Washington, DC.

Pitblado, B. and **K. Rademaker**

2017 The role of high altitude landscapes in the peopling of the New World. 81st Annual Meeting, SAA, Orlando, Florida.

Méndez, C. and **K. Rademaker**

2012 Early lithic technologies in South America: Beyond regional projectile point typologies. 77th Annual Meeting, SAA, Memphis, Tennessee.

Presentations (+graduate student co-author or presenter)

Rademaker, K.

2023 Some new insights on early inter-zonal connections in the central Andes. Presented at 40th annual Northeast Conference on Andean and Amazonian Archaeology and Ethnohistory (NCAAE), Cornell University.

Reid, D., **K. Rademaker**

2023 Landscape and social memory: The Placas Pintadas offering tradition of southern Peru. Presented by Reid at 40th annual NCAAE, Cornell University.

Rademaker, K.

2023 On the trail of early South Americans in the Andes. Invited presentation in series “Human Migration Through the Ages,” Osher Lifelong Learning Institute at the University of Michigan.

Rademaker, K.

2023 On the trail of early South Americans in the Andes. Invited presentation at Department of Anthropology Colloquium, University of Kentucky.

+Milton, E., +S. Meinekat, K. Moore, +B. Furlotte, and **K. Rademaker**

2023 New Investigations at Pachamachay and Panaulauca Caves, Junín, Peru. Poster presented at 88th Annual Meeting, SAA, Portland.

Rademaker, K.

2023 Collaborative bioarchaeology at the Lomas-1 site, Pacific coast of Peru. Graduate Student Association Research Symposium, Department of Anthropology, Michigan State University.

Rademaker K.

2022 On the trail of early South Americans in the Andes. Invited Department of Anthropology Distinguished lecture, Texas A&M University.

Rademaker, K.

2022 Investigating Pleistocene people and environments of the Andes. Invited Dan and Betty Churchill lecture, Climate Change Institute 50th Anniversary celebration, University of Maine.

+Meinekat, S., +E. Milton, and **K. Rademaker**

2022 Experimental combustion of fuels and Terminal Pleistocene fire evidence at the Cuncaicha rock shelter (4480 masl). Poster presented at 12th Annual European Society for the Study of Human Evolution (ESHE) Conference.

Rademaker, K.

2022 Everything at once: Tracking initial human dispersals in the Americas. Invited presentation in “*Migrations and Dispersals in the Late Pleistocene*” Dialogues series, Interdisciplinary Center for Archaeology and Evolution of Human Behavior, University of Algarve, Faro, Portugal. 1686 views on YouTube: <https://www.youtube.com/watch?v=wC64KaNdIZ0>

Rademaker, K.

2022 Updated Peru archaeological radiocarbon database, 13,000-7,000 ¹⁴C BP. Invited presentation in “*Radiocarbon in the Central Andes: From Chronologies to Research Agendas*” symposium, 87th Annual Meeting, SAA, Chicago.

+Gruver, S., **K. Rademaker**, M. Carré, and A. Schauer

2022 Andean hunter-gatherer occupational patterns and environmental contexts. Poster presented at 87th Annual Meeting, SAA, Chicago.

+Milton, E., +S. Meinekat, and **K. Rademaker**

2022 Fire and water in thin air: Experimental archaeology in the Andes. Presentation at Michigan State U. Graduate Research Symposium.

Rademaker, K., K. Moore, S. Zarrillo, C. Miller, D. Osorio, S. Meinekat, E. Milton, and B. Furlotte
2021 Resource structure and provenance of Terminal Pleistocene assemblages from Cuncaicha rockshelter, Peruvian Andes. Poster presented at Midwest Archaeological Conference, Michigan State University.

Urban, M., C. Barbieri, and **K. Rademaker**

2021 The languages of the Andes. Presented in “*Archaeology and Language*” online workshop, Max Planck Institute for the Science of Human History, Jena, Germany.

Rademaker, K., D.A. Reid, M.D. Glascock, and B. Kaiser

2021 A 12,000-year sequence of human use of the Alca obsidian source, Peru. International Association for Obsidian Studies annual meeting. Hosted virtually by the University of California, Berkeley Archaeological Research Facility.

Rademaker, K. and +E. Milton

2020 Using rocks and isotopes to trace human movements during the settlement of southern Peru. Presentation at 48th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, Michigan State U.

Rademaker, K.

2020 By land or by sea? Investigating early routes and inter-zonal connections during the settlement of South America. Invited presentation at U. of Michigan Museum of Anthropological Archaeology brownbag series, Ann Arbor.

Rademaker, K. and +E. Milton

2020 Using rocks and isotopes to trace human movements during the settlement of South America. Presentation at Michigan State U. Graduate Research Symposium.

Menéndez, L., A. Profico, **K. Rademaker**, and K. Harvati

2019 Retrodeformation techniques and 3D morphometric analysis of an early Holocene South American skull (Cuncaicha, Peru). Invited poster at 9th Annual Meeting European Society for the Study of Human Evolution, Liège, Belgium.

+Osorio, D., **K. Rademaker**, K. Moore, and S. Zarrillo

2019 Early human occupation of high-altitude Peruvian Andes during the Terminal Pleistocene: Cuncaicha rock shelter as a residential base camp. Invited presentation in “*Settling at High Altitudes. Intra-site and Inter-site Variability, Site Function and Mobility of Hunter-gatherers and the First Agro-pastoral Societies*” symposium, 25th Meeting, European Association of Archaeologists (EAA), Bern, Switzerland.

Rademaker, K. and +D. Reid

2019 Early hunter-gatherer routes in the high central Andes seen through an obsidian lens. Invited presentation in “*In Search of Cloudstones? Lithic Raw Material Procurement in Mountainous and*

Alpine Regions during the Mesolithic and Neolithic” symposium, 25th Meeting, EAA, Bern, Switzerland.

Rademaker, K., +T. Panczak, +D. Osorio, +M. Cook, and +E. Milton

2019 Projectile points as tools for understanding a Terminal Pleistocene-Early Holocene coast-highland settlement system in Peru. Invited presentation in *“Humans Beyond Arrowheads. Questioning the Interpretative Value of Arrowheads and Other Tools for Reconstructing People Identities in Prehistoric Societies”* symposium, 25th Meeting, EAA, Bern, Switzerland.

Rademaker, K.

2019 Un enfoque interdisciplinario para investigar los asentamientos tempranos y la adaptación humana en los andes del Perú. Invited presentation for the Social Science Faculty, National U. of San Marcos, Lima, Peru.

+Chala-Aldana, D., H. Bocherens, and **K. Rademaker**

2019 Movilidad y poblamiento de tierras altas andinas durante el Holoceno temprano en el abrigo rocoso de Cuncaicha (4480 m.s.n.m) Arequipa, Perú: El papel de los análisis isotópicos en la generación de modelos de movilidad. Invited presentation at the 6th Congreso Latinoamérica de Arqueometría, Bogotá, Colombia.

Bromley, G.R.M., A. Putnam, B. Hall, S. Barker, **K. Rademaker**, and A. Balter

2019 Reconstructing the response of the British-Irish ice sheet to atmospheric temperature during Termination 1. Poster presented at European Geophysical Union meeting, Vienna, Austria,

+Panczak, T. and **K. Rademaker**

2019 Exploring inter-zonal connections through a constructed projectile point typology from Cuncaicha rockshelter. Presentation at 84th Annual Meeting, Society for American Archaeology (SAA), Albuquerque, New Mexico.

+Pratt, L. and **K. Rademaker**

2019 An application of Surovell’s behavioral ecology models of site occupation length in the Peruvian Andes. Presentation at 84th Annual Meeting, SAA, Albuquerque, New Mexico.

+Meinekat, S., C. Miller, +E. Milton, and **K. Rademaker**

2019 Quebrada Jaguay-280 (QJ-280) under the microscope: A geoarchaeological investigation of the site formation and anthropogenic features at the Peruvian coastal site. Poster at 84th Annual Meeting, SAA, Albuquerque, New Mexico.

Rademaker, K.

2019 By land or by sea? Investigating Paleoindian settlement routes and inter-zonal connections in Peru. Invited presentation to Michigan Archaeological Society, East Lansing, Michigan

Francken, M., J. +Beier, H. Reyes-Centeno, **K. Rademaker**, and K. Harvati

2019 Assessment of pathological conditions found in Andean Holocene inhabitants of Cuncaicha rock shelter, Peru. Poster at 88th Annual Meeting, American Association of Physical Anthropologists (AAPA), Cleveland, Ohio.

Karakostis, A.F., H. Reyes-Centeno, M. Francken, **K. Rademaker**, and K. Harvati

2020 Reconstructing manual physical activity in an early high-altitude Paleoindian settlement of the Peruvian Andes. Presentation at American Association of Physical Anthropologists (AAPA), Cleveland, Ohio.

+Gruver, S., **K. Rademaker**, and M. Carré

2019 Occupational seasonality at Quebrada Jaguay-280: Human adaptation to environmental instability. Presentation at 59th Annual Meeting, Institute of Andean Studies, Berkeley, California.

+Gruver, Steph M., **K. Rademaker**, M. Carré; and A. Schauer

2018 Human responses to environmental change: Occupational patterns at Quebrada Jaguay 280. Paper. Poster at 11th Annual Graduate Climate Change Conference, U. of Washington, Seattle.

Rademaker, K.

2018 Peruvian archaeological sites as paleoenvironmental archives. Invited presentation to Michigan State U. Quaternary Landscapes Research Group.

Rademaker, K.

2018 Investigating Andean human-environment dynamics and adaptation. Invited presentation to Michigan State U. Anthropology Club.

+Chala-Aldana, D., H. Bocherens, and **K. Rademaker**

2018 Movilidad y poblamiento de tierras altas andinas durante el Holoceno temprano en el abrigo rocoso de Cuncaicha (4480 m.s.n.m) Arequipa, Perú: El papel de los análisis isotópicos en la generación de modelos de movilidad. Invited poster at 9th Meeting, El Hombre Temprano en América, Necochea, Argentina.

Menéndez, L., **K. Rademaker**, and K. Harvati

2018 Reconstrucción virtual y análisis craneométrico de un individuo del Holoceno temprano de Cuncaicha (Perú): Implicancias para la diversificación humana en Sudamérica. Invited presentation at 9th Meeting, El Hombre Temprano en América, Necochea, Argentina.

+Chala-Aldana, D., H. Bocherens, and **K. Rademaker**

2018 Human occupation and adaptation to the Andean highlands during the Early Holocene: Evidences from oxygen and strontium isotopic analyses. Invited presentation in "*Human Subsistence and Settlement Patterns during the Late-Glacial and Early Holocene: Insights from Bones*" symposium, 18th Meeting, International Union of Prehistoric and Protohistoric Sciences (UISPP), Paris, France.

+Haller von Hallerstein, S., D. Drucker, K. Harvati, H. Bocherens, and **K. Rademaker**

2018 Diet at the high-altitude Cuncaicha rockshelter (Pucuncho Basin, southern Peru), based on stable carbon, nitrogen, and sulfur isotope abundances in bone collagen. Invited presentation in "*Human Subsistence and Settlement Patterns during the Late-Glacial and Early Holocene: Insights from Bones*" symposium, 18th Meeting, UISPP, Paris, France.

+Meinekat, S.A., **K. Rademaker**, and C.E. Miller

2018 Paleoindian settlement systems in southern Peru: New chronological and geoarchaeological data from Quebrada Jaguay (QJ-280) and Cuncaicha rockshelter. Invited presentation in "*The Pleistocene Peopling of the Americas from a Circum-Pacific Perspective*" symposium, 18th Meeting, UISPP, Paris, France.

Menéndez, L., H. Reyes-Centeno, **K. Rademaker**, and K. Harvati

2018 Morphometric comparative analysis of an early Holocene skeleton from Cuncaicha rock shelter (Pucuncho Basin, Peru) and implications on high-altitude adaptation. Invited presentation in "*The Pleistocene Peopling of the Americas from a Circum-Pacific Perspective*" symposium, 18th Meeting, UISPP, Paris, France.

+Gruver, S., **K. Rademaker**, M. Carré, and A. Schauer

2018 Seasonality and environmental reconstruction at Quebrada Jaguay 280. Poster at 83rd Annual Meeting, SAA, Washington, DC.

+Milton, E., +P. Leach, and **K. Rademaker**

2018 Are we living in a simulation? Digital reconstructions of early sites in coastal Peru. Poster at 83rd Annual Meeting, SAA, Washington, DC.

Rademaker, K.

2018 An interdisciplinary approach to investigate early Andean settlement dynamics and adaptation. Invited presentation in "*The Human Odyssey in Earth's High Mountains and Plateaus*" symposium, 83rd Annual Meeting, SAA, Washington, DC.

Stewart, B. and **K. Rademaker**

2018 On the trail of *Homo* through Earth's high mountains and plateaus. Invited presentation in "*The Human Odyssey in Earth's High Mountains and Plateaus*" symposium, 83rd Annual Meeting, SAA, Washington, DC.

+Meinekat, S., C. Miller, and **K. Rademaker**

2018 A geoarchaeological approach to site formation and structures of inter-zonal Paleoindian sites in southern Peru. Invited presentation in "*Reconstructing Forager Lifeways at the Pleistocene-Holocene Transition*" symposium, 83rd Annual Meeting, SAA, Washington, DC.

+Haller von Hallerstein, S., D. Drucker, K. Harvati, and **K. Rademaker**

2018 Multi-isotopic paleo-diet reconstruction in a high altitude rockshelter of southern Peru. Presentation at 83rd Annual Meeting, SAA, Washington, DC.

Bromley, G.R.M., A. Putnam, B.L. Hall, **K. Rademaker**, A. Balter, and H. Thomas

2018 A glacial perspective on the impact of North Atlantic stadials on North Atlantic climate. Presentation at European Geophysical Union, Vienna, Austria.

+Cook, M., +E. Milton, +P. Leach, and **K. Rademaker**

2018 New explorations at Pampa Colorada: An early coastal site in Peru. Poster at 46th Annual Midwest Andean Conference, Field Museum of Natural History, Chicago.

+Gruver, S. and **K. Rademaker**

2018 Chronology and seasonality at Quebrada Jaguay: Implications for early settlement of South America. Presentation at 46th Annual Midwest Andean Conference, Field Museum of Natural History, Chicago.

Rademaker, K.

2018 Twenty years of investigation of the Alca obsidian source, Peru: What have we learned? Invited presentation at *"The 'Social' Side of Archaeometry: Scientific Methods for Addressing Anthropological Questions,"* Field Museum of Chicago.

Rademaker, K.

2018 Investigating Andean human-environment dynamics and adaptation. Invited presentation at Michigan State University.

Bromley, G.R.M., A.E. Putnam, **K.M. Rademaker**, A. Balter, and B.L. Hall.

2017 A glacial perspective on the impact of Heinrich stadials on North Atlantic climate. Poster presented at fall meeting, American Geophysical Union, New Orleans, Louisiana.

Reyes-Centeno, H. and **K. Rademaker**

2017 Maximizing interdisciplinary research in the study of human evolution: The case of Cuncaicha (Arequipa, Peru). Poster at Wellcome Genome Campus, Oxford U.

Rademaker, K.

2017 An interdisciplinary approach to investigate early Andean settlement dynamics and adaptation. Invited presentation in *"Developing a Research Agenda in Archaeological Sciences that Addresses Human Behavior,"* DAAD German Academic Exchange Service workshop, U. of Tübingen, Germany.

Rademaker, K.

2017 From Los Tapiales to Cuncaicha: Terminal Pleistocene humans in America's high-elevation western mountains. Invited presentation in *"Alternative Perspectives on the Peopling of the New World: A Symposium in Honor of Ruth Gruhn, the 'First Lady' of First Americans Studies,"* 82nd Annual Meeting, SAA, Vancouver, BC, Canada.

+Chala-Aldana, D., H. Bocherens, C. Miller, and **K. Rademaker**

2017 Mobility among hunter-gatherers in the central Andean highlands during the Early-Middle Holocene: GIS models from Sr and O isotopic analyses. Invited presentation in *"Evolutionary Adaptations and Population History of the Atacama Desert"* symposium, 82nd Annual Meeting, SAA, Vancouver, BC, Canada.

+Haller von Hallerstein, S., D. Drucker, K. Harvati, and **K. Rademaker**

2017 Diet and adaptations in a high-altitude rockshelter of southern Peru based on stable carbon and nitrogen isotopes. Invited presentation in *"Evolutionary Adaptations and Population History of the Atacama Desert"* symposium, 82nd Annual Meeting, SAA, Vancouver, BC, Canada.

Posth, C., T. Lamnidis, S. Schiffels, **K. Rademaker**, and J. Krause

2017 Andean population dynamics revealed by genome-wide data from the high-elevation Cuncaicha rock shelter. Invited presentation in “*Evolutionary Adaptations and Population History of the Atacama Desert*” symposium, 82nd Annual Meeting, SAA, Vancouver, BC, Canada.

Rademaker, K.

2016 Bioarchaeology of Andean highlanders: A view from Cuncaicha rockshelter. Invited presentation in 2nd Annual Symposium DFG Center for Advanced Studies “Words Bones Genes Tools: Tracking Linguistic, Cultural, and Biological Trajectories of the Human Past,” U. of Tübingen, Germany.

+Haller von Hallerstein, S., D. Drucker, K. Harvati, and **K. Rademaker**

2016 Paleoecology and diet in the Pucuncho Basin. Poster at 2nd Annual Symposium DFG Center for Advanced Studies “Words Bones Genes Tools: Tracking Linguistic, Cultural, and Biological Trajectories of the Human Past,” U. of Tübingen, Germany.

+Francken, M., +J. Beier, G. Hodgins, K. Harvati, and **K. Rademaker**

2016 The human remains from Cuncaicha rock shelter, Peru. Poster at 2nd Annual Symposium DFG Center for Advanced Studies “Words Bones Genes Tools: Tracking Linguistic, Cultural, and Biological Trajectories of the Human Past,” U. of Tübingen, Germany.

+Meinekat, S.A., C.E. Miller, and **K. Rademaker**

2016 The site formation of Cuncaicha rockshelter, Peru. Poster at 2nd Annual Symposium DFG Center for Advanced Studies “Words Bones Genes Tools: Tracking Linguistic, Cultural, and Biological Trajectories of the Human Past,” U. of Tübingen, Germany.

+Chala-Aldana, D., H. Bocherens, C.E. Miller, and **K. Rademaker**

2016 Mobility among hunter-gatherers from the Cuncaicha rockshelter. Poster at 2nd Annual Symposium DFG Center for Advanced Studies “Words Bones Genes Tools: Tracking Linguistic, Cultural, and Biological Trajectories of the Human Past,” U. of Tübingen, Germany.

+Feuerborn, T.R., A. Furtwängler, P. Skoglund, **K. Rademaker**, H. Bocherens, J. Krause, and V. Schuenemann.

2016 Genetic identification of canid in high altitude Palaeoindian Peruvian site. Poster at 2nd Annual Symposium DFG Center for Advanced Studies “Words Bones Genes Tools: Tracking Linguistic, Cultural, and Biological Trajectories of the Human Past,” U. of Tübingen, Germany.

Rademaker, K.

2016 Recent progress in the study of Andean origins. Invited presentation to Lifelong Learning Institute, Northern Illinois U.

Hodgins, G. and **K. Rademaker**

2016 Radiocarbon dating the earliest high altitude human occupation site in the world: Cuncaicha, southern Peru. Invited presentation at 8th International Symposium on ¹⁴C and Archaeology, Royal College of Surgeons, Edinburgh, Scotland.

+Feuerborn, T.R., A. Furtwängler, P. Skoglund, **K. Rademaker**, H. Bocherens, J. Krause, and V. Schuenemann.

2016 Genetic identification of canid in high altitude Palaeoindian Peruvian site. Poster at 7th International Symposium on Biological Archaeology, Oxford U. Museum of Natural History, London, England. Winner, student poster award.

Rademaker, K., +D. Reid, K. Moore, and G. Hodgins

2016 The missing middle: Early inter-zonal connections in the Peruvian central Andes. Invited presentation in "*Mobility and Use of Space in Late Pleistocene South America: Is it Possible to Discuss Early Human Regional Ranking?*" symposium, 81st Annual Meeting, SAA, Orlando, Florida.

Moore, K. and **K. Rademaker**

2016 Hunter's paradise or hypoxic wasteland? Recent research in the Pucuncho Basin, Peru. Invited presentation in "*The Role of High-Altitude Landscapes in the Peopling of the New World*" symposium, 81st Annual Meeting, SAA, Orlando, Florida.

Rademaker, K.

2016 Recent progress in the study of Andean origins. Invited presentation at Four-Field Colloquium, Department of Anthropology, U. of Michigan.

Rademaker, K.

2015 Recent progress in the study of Andean origins. Invited presentation at Inaugural Symposium DFG Center for Advanced Studies "Words, Bones, Stones, Tools: Tracking Linguistic, Cultural, and Biological Trajectories of the Human Past," U. of Tübingen, Germany.

Rademaker, K.

2015 Interdisciplinary archaeology in the Peruvian Andes and beyond. Invited presentation at Northern Illinois U.

Rademaker, K.

2015 Interdisciplinary archaeology in the Peruvian Andes and beyond. Invited presentation at San Diego State U.

Rademaker, K., G. Hodgins, G.R.M. Bromley, and D.H. Sandweiss

2014 A asentamiento tardi-glacial de los Andes peruanos. Invited presentation at 1st Congreso de Arqueología, Ministry of Culture, Lima, Peru.

Rademaker, K., G. Hodgins, G.R.M. Bromley, and D.H. Sandweiss

2014 Late-glacial settlement of the high Peruvian Andes. Invited presentation in "*Early Human Occupation During the Ice Age in the Americas: New Directions and Advances*" symposium, 79th Annual Meeting, SAA, Austin, Texas.

Rademaker, K.

2014 Late ice-age human settlement of the high-altitude Peruvian Andes. Early Prehistory and Quaternary Ecology Research Prize lecture at U. of Tübingen, Germany.

Rademaker, K.

2013 Investigación del asentamiento tardi-glacial de los Andes Peruanos. Invited presentation at U. of Santiago, Chile.

Rademaker, K.

2013 Investigation of the late-glacial human settlement of the Peruvian Andes. Invited presentation at Institute for Archaeological Sciences, U. of Tübingen, Germany.

Rademaker, K. and D.H. Sandweiss

2013 Early settlement in the Andes. Invited presentation at Yale-Maine-Harvard meeting, Peabody Museum of Archaeology and Ethnology, Harvard U., Cambridge, Massachusetts.

Rademaker, K. and G. Bromley

2013 Human and environmental interactions in the high Andes of Peru: An interdisciplinary perspective. Invited Keynote presentation at 21st Annual Harold W. Borns Symposium/ 40th Anniversary of Climate Change Institute (CCI), U. of Maine.

Rademaker, K.

2013 Investigation of the late-glacial human settlement of the Peruvian Andes ... and other research activities. Invited presentation at Texas A&M U., College Station, Texas.

Bromley, G.R.M., J.M., Schaefer, G. Winckler, B.L. Hall, C.E. Todd, and K. Rademaker

2012 A glacial record of the last termination in the tropical Andes. Presentation at American Geophysical Union fall meeting, San Francisco, California.

Rademaker, K. and D.H. Sandweiss

2012 Functional variability in early lithic technologies of southern Peru. Invited presentation in "*Early Lithic Technologies in South America: Beyond Regional Projectile Point Typologies*" symposium, 77th Annual Meeting, SAA, Memphis, Tennessee.

Rademaker, K., B. Kaiser, M.D. Glascock, and D. Gibson

2011 New geochemical data from the Alca obsidian source region: Implications for understanding prehistoric extraction and distribution. Presentation at 30th Annual Northeast Conference on Andean Archaeology and Ethnohistory (NCAAE), Andover, Massachusetts.

Rademaker, K.

2011 Investigating early high-altitude human settlement in the southern Peruvian Andes. Presentation to U. of Arizona Radiocarbon Research Group, Tucson, Arizona.

Rademaker, K., B. Kaiser, M.D. Glascock, and D. Gibson

2011 New geochemical data from the Alca obsidian source region: Implications for understanding prehistoric extraction and distribution. Invited presentation in "*Mining and Quarrying in the Ancient Andes*" symposium, 76th Annual Meeting, SAA, Sacramento, California.

Rademaker, K.

2011 Radiocarbon database for Peru 13,000-7000 ¹⁴C B.P. Invited presentation in "*Constructing a Database of Late Pleistocene/Early Holocene Archaeological ¹⁴C Dates for South and Central America*" electronic symposium, 76th Annual Meeting, SAA, Sacramento, California.

Rademaker, K., G. Bromley, and +D. Reid

2009 Connecting the dots: Paleogeography, least-cost path modeling, and the search for Paleoindian sites in southern highland Peru. Invited presentation in *“Tracing Trails and Modeling Movement: Understanding Past Cultural Landscapes and Social Networks through Least-Cost Analysis”* symposium, 74th Annual Meeting, SAA, Atlanta, Georgia.

Rademaker, K., G. Bromley, and +D. Reid

2009 Geoarchaeology, paleogeography, and the search for Paleoindian sites in the high Andes of southern Peru. Presentation at 44th Annual Meeting, Northeast Geological Society of America (NE GSA), Portland, Maine.

Rademaker, K., D. Gibson, M.G. Yates, D.R. Lux, L. Dussubieux, and M.D. Glascock

2008 Geochemistry of the Alca obsidian source, Peru. Poster at 43rd Annual Meeting, NE GSA, Buffalo, New York.

Rademaker, K., G. Bromley, and +D. Reid

2008 Quebrada Jaguay and the Terminal Pleistocene coast-highland connection. Invited presentation at 73rd Annual Meeting, SAA, Vancouver, B.C., Canada.

Rademaker, K., G. Bromley, C. Todd, +D. Reid, and +L. Fortin

2007 Terminal Pleistocene landscapes and early foragers in southern Peru: A GIS model. Poster at 72nd Annual Meeting, SAA, Austin, Texas.

Rademaker, K., G. Bromley, and +L. Fortin

2007 Fire and ice: Volcanic glass, glaciers, and the initial settlement of southern Peru. Invited presentation at Stanford U., San Francisco, California.

Rademaker, K., G. Bromley, and +L. Fortin

2006 Fire and ice: Volcanic glass, glaciers, and the initial settlement of southern Peru. Invited presentation in *“The Preceramic Record of the Central Andes: Assessing the Causes and Contexts of Cultural Diversity from a Pan-Andean Perspective”* symposium, 71st Annual Meeting, SAA, San Juan, Puerto Rico.

Rademaker, K., D.H. Sandweiss, M. Malpass, A. Umire, and P. de la Vera

2005 Alca obsidian and early coast-highland interaction in southern Peru. Poster at 70th Annual Meeting, SAA, Salt Lake City, Utah.

Rademaker, K., D.H. Sandweiss, M. Malpass, A. Umire, P. de la Vera, +L. Fortin, and +B. Morris

2004 Preceramic utilization of the Alca obsidian source: Recent results. Presentation at 23rd Annual NCAAE, Yale U.

Teaching and Advising

Teaching – Courses and *awards

Texas A&M U, 2024 to present

ANTH 202 - *Introduction to Archaeology*

ANTH 461 – *Environmental Archaeology*

Michigan State U., 2018-present

ANP 203 and ANP 203 Honors – *Introduction to Archaeology*

ANP 486 – *Environmental Archaeology*

ANP 490 – *Independent Study – Modular Analysis of Cuncacha debitage*

ANP 850 – *Principles of Archaeological Research Design*

ANP 890A – *Individual Readings - Stable Isotopes in Archaeological Research*

ANP 890A – *Individual Readings- Geoarchaeology of Silica Rocks*

ANP 890A - *Individual Readings - Environmental Archaeology*

ANP 890A – *Individual Readings - Andean Archaeology*

Northern Illinois U., 2016-2018

*2017 Outstanding Teacher in Anthropology, Northern Illinois U.

ANTH 210 – *Exploring Archaeology*

ANTH 417/517 – *South American Archaeology*

ANTH 418/518 - *Applied Archaeology*

ANTH 491/591 /ENVS 450 - *Environmental Archaeology*

ANTH 491/591 – *Settlement of the Americas*

U. of Tübingen, 2014-2015

Global Human Biogeography

Settlement of the Americas

U. of Maine, 2009-2014

ANT 170 - *Popular Archaeology*

ANT 290 - *Special Topics in Anthropology: The Anthropocene - Age of Humans*

*2012 Presidential Teaching Fellowship, U. of Maine, to develop *Anthropocene – Age of Humans* course

ANT 317 - *Fundamentals of Archaeology*

ANT 475/ANT 597 - *Environmental Archaeology*

ANT 490/ERS 602/ERS 221 - *Geoarchaeology* (with Alice Kelley)

ANT 492 - *Capstone in Anthropology*

Curriculum development

Proposed and received approval for two new courses at MSU, ANP 310 - *Archaeology of Human Migrations* (with Stacey Camp) and ANP 486 - *Environmental Archaeology*.

Advising and mentoring

Current students

2022-present. Advisor, Victoria Schwarz, Ph.D. student, Michigan State U. / Texas A&M U. Dept. of Anthropology

2017-present: Co-Advisor, Sarah Meinekat, Ph.D. student, U. of Tübingen Institute for Archaeological Sciences.

2016-present: Advisor, Emily Milton, MA and Ph.D. student, MSU Dept. of Anthropology
MA thesis (2020): "A Surface Water $\delta^{18}\text{O}$ Baseline for Archaeological Studies of Seasonality and Mobility in the Majes Valley and Pucuncho Basin of Southern Peru."

2017-present: Daniela Osorio, U. College London Institute of Archaeology. This student's doctoral dissertation is based in part on involvement in my NSF-funded research on Cuncaicha.
Ph.D. thesis: "Early occupation of the Highlands of Chile and Peru: Technology, activities and mobility routes: an interpretative model"

2021-2023. Committee Member, Aubree Marshall, Ph.D. student, MSU Dept. of Anthropology
2021-2023. Committee Member, Brett Jackson, Ph.D. student, MSU Dept. of Anthropology

Students completed

2018-2024: Brett Furlotte, U. of Saskatchewan Dept. of Archaeology, Canada. *This student's MA thesis was based on involvement in my NSF-funded research at Quebrada Jaguay.
MA Thesis: "Hunting for the Gathering: Paleoethnobotanical Investigations at the Quebrada Jaguay (QJ-280) Archaeological Site, Southern Coastal Peru."

Michigan State U.

2018-2022: Committee Member, Autumn Painter, Ph.D. candidate, MSU Dept. of Anthropology. PhD thesis: "Coalescence and Animal Use: Examining Community Building at the Multi-Ethnic Morton Village Site."

2018-2021: Committee Member, Zach Francis-Hapner, Non-thesis MA, MSU Dept. of Anthropology

2019-2020: Faculty supervisor, Kendal Albrecht, BA student, MSU Dept. of Anthropology. Geographic information systems analysis of Cuncaicha rock shelter, Peru. Work-study position funded through NSF BCS-1659015 (PI Rademaker).

2017-2019: Advisor, Taylor Panczak, MA. MSU Dept. of Anthropology. MA thesis: "Exploring Inter-Zonal Connections through a Constructed Projectile Point Typology from Cuncaicha Rock shelter."

2016-2019: Advisor, Michael Cook, Non-thesis MA. MSU Dept. of Anthropology.

Northern Illinois U.

2017-2018: Committee member, Shawn Kinzer, MA. Northern Illinois U. Dept. of Anthropology. MA thesis: "A Baseline Osteological Analysis of Prehistoric Human Skeletal Remains Recovered from the Terminal Archaic Morse Site (11-F-220), Fulton County, Illinois."

2016-2018: Advisor, Steph Gruver, MA. Northern Illinois U. Dept. of Anthropology. MA thesis: "Occupational Seasonality and Paleoenvironmental Reconstruction at Quebrada Jaguay 280."

2016-2018: Advisor, Rachele Wilson, MA. Northern Illinois U. Dept. of Anthropology. MA thesis: "Etruscan Colors? A Multidisciplinary Approach to Three Painted Etruscan Sarcophagi."

2016-2017: Advisor, Eli Orrvar, MA. Northern Illinois U. Dept. of Anthropology. MA thesis: "Brick, Slag, and Barbed Wire: An Archaeological and Historical Investigation of the Glidden Barn."

2016: Advisor, Amanda Douglas, MA. Northern Illinois U. Dept. of Anthropology. MA thesis: "Native American Village Sites in the Middle Rock River."

U. of Tübingen

2015-2017: Committee Member, Sophia Haller von Hallerstein. MSc. U. of Tübingen Institute for Archaeological Sciences (INA). MSc. thesis: "Multi-isotopic Paleo-diet Reconstruction of Hunter-gatherers in the Peruvian Puna."

2015-2016 – Committee Member, Sarah Meinekat MSc. U. of Tübingen INA. MSc. thesis: "A Geoarchaeological Investigation of the Site Formation of Cuncaicha Rockshelter, Peru."

2015-2016: Committee Member, Dobereiner Chala-Aldana MSc. U. of Tübingen INA. MSc. thesis: "Assessment of Mobility and Highland Occupation Strategies during the Early Holocene at the Cuncaicha Rockshelter through Strontium and Oxygen Isotopes"

U. of Maine

2012-2013 – Committee Member, Walter Beckwith MS. U. of Maine Climate Change Institute. MS thesis: "Obsidian Characterization in the Mayan Yucatan Region."

2010-2011 – Committee Member, Ian Putnam MS. U. of Maine Dept. of Earth Sciences. MS thesis: "Traveler Formation Rhyolites and Implications for Geoarchaeology."

2006-2007 - Committee member, David Reid BA. U. of Maine Dept. of Anthropology. Honors thesis: "Peruvian Beach Ridges: Records of Human Activity and Climate Change."

Engagement, Outreach, and Service

Professional Affiliations

2023-present American Association for the Advancement of Science (AAAS)

2023-present Human Occupation of Mountain Environments (HOME) Commission, International Union of the Prehistoric and Protohistoric Sciences (UISPP)

2019-present Center for the Study of the First Americans (CSFA)

2015-present Institute for Andean Studies (IAS)

2010-present Register of Professional Archaeologists of Peru (RNA), No. AR-1003

2004-present Society for American Archaeology (SAA)

Service to the Discipline

2012-present - Member, Editorial Advisory Committee, *Chungara Revista de Antropología Chilena*

Reviewer, approximately 6 journal articles per year. Within the past ten years I have reviewed for: *American Antiquity*, *Andean Past*, *Antiquity*, *Archaeological and Anthropological Sciences*, *Arqueológicas*, *Archaeometry*, *Boletín de la Sociedad Chilena de Arqueología*, *British Archaeological Reports*, *Chungara Revista de Antropología Chilena*, *Geoarchaeology*, *The Holocene*, *Journal of Anthropological Archaeology*, *Journal of Archaeological Method and Theory*, *Journal of Archaeological Research*, *Journal of Archaeological Science*, *Journal of Archaeological Science: Reports*, *Journal of Field Archaeology*, *Latin American Antiquity*, *Nature Communications*, *Oxford Research Encyclopedia*, *PaleoAmerica*, *PloS One*, *Proceedings of the National Academy of Sciences*, *Quaternary Environments and Humans*, *Quaternary International*, *Quaternary Research*.

Reviewer, approximately 2 grant proposals per year. Within the past several years I have reviewed for: US National Science Foundation Archaeology Program, European Research Council, Chilean National Science Foundation (FONDECYT); Swiss National Science Foundation, National Geographic Society Committee for Research, Conservation and Exploration.

Service to Texas A&M Dept of Anthropology

2024 - Hiring committee, Medical Anthropology tenure-track position

Service to the MSU Dept of Anthropology and College of Social Science

Served on one department committee per year, including the Admissions Committee in Years 1 and 2 (2018-2020) and the Faculty Advisory Committee (FAC) in Years 3-4 (2020-2022).

2022 – Anthropology Dept. representative, College of Social Science Research Committee

2021 – Panelist, Dean’s Research Associates Development Institute Workshop: First Years in the Tenure System Roundtable Discussion, MSU College of Social Sciences

2020 - Served on Dept Task Force to develop pre-field training in diversity, equity, and inclusion for Anthropology graduate students

2020 – Panelist in RCR “Interdisciplinary workshop” for MSU Anthropology grad students

2019 - Organized guest lecture by Dr. Cosimo Posth of the Max Planck Institute-Jena “*The Early Differentiation of South Americans*”

2018 – Geographic Information Systems tutorials for Campus Archaeology Program

Guest lectures at MSU

2021 - ANP 452 *North American Archaeology* (Instructor: Dr. Jodie O’Gorman)

2020 - ANP 203 *Introduction to Archaeology* (Instructor: Dr. Gabriel Sanchez)

2019 - ANP 452 *North American Archaeology* (Instructor: Dr. Susan Kooiman)

2018 - ANP 840 *Biocultural Adaptation* (Instructor: Dr. Masako Fujita)

Outreach

2022 - Guest lecture, *Una época poca conocida: Investigaciones de las primeras poblaciones alto-andinas del Perú* at Universidad Nacional de San Marcos, Lima, Peru (Instructor: Dr. Alejandro Chu)

2021 – Guest lecture, *Peopling of the Western Hemisphere* at University of Oklahoma (Instructor: Dr. Bonnie Pitblado)

2021 - Guest lecture, *Global Change Biology* at SUNY – Fredonia (Instructor: Dr. Courtney Wigdahl)

2020 – Guest lecture, *Archaeology of Chile* course at Pontificia Universidad Católica de Chile (Instructor: Daniela Osorio)

2020 – Guest lecture, *Global Change Biology* at SUNY – Fredonia (Instructor: Dr. Courtney Wigdahl),

2019 – Guest lecture, *Global Change Biology* at SUNY – Fredonia (Instructor: Dr. Courtney Wigdahl)

2019 - Conducted portable x-ray fluorescence analysis of a tribal drum for the Little Traverse Bay Bands of Odawa Indians, a courtesy project to identify suspected chemical contaminants.

Website www.paleoandes.com shares my working group’s research, including blogs from the field, publications, and presentations. This has been an effective way to showcase student endeavors. The site has had >3000 visits since its creation in 2018.

Academic coverage

My working group's research has been included in archaeology textbooks and featured in online, print, and radio media outlets all over the world. Working with journalists has been an effective way to share archaeology's insights with a larger audience beyond academia.

Meltzer, D.J.

2023 The Origins, Antiquity, and Dispersal of the First Americans, in *The Human Past* edited by Chris Scarre. Thames & Hudson.

Williams, S.

2020 The peopling of South America. *The Scientist*, (<https://www.the-scientist.com/features/the-peopling-of-south-america-67860>)

Dycus, K.

2020 Living the high life: The early humans of Cuncaicha rockshelter. *Mammoth Trumpet* 35(3): 15-19. Center for the Study of the First Americans, Texas A&M University.

Fraser, B.

2018 The race to recover South America's ancient past. *Sapiens* (<https://www.sapiens.org/archaeology/south-america-human-migration/>)

Bruhns, K.O.

2016 *Ancient South America*. Cambridge University Press.

Feder, K.

2016 *The Past in Perspective: An Introduction to Human Prehistory*, 7th Edition. Oxford University Press.

Dycus, K.

2016 On the trail of hardy Paleoamericans in Peru, Part II. *Mammoth Trumpet* 31(1), 10-14. Center for the Study of the First Americans, Texas A&M University.

Dycus, K.,

2015 On the trail of hardy Paleoamericans in Peru, Part I. *Mammoth Trumpet* 30(4): 12-16. Center for the Study of the First Americans, Texas A&M University.

Fraser, B.

2014 Extreme living. *Nature* 514: 24-26. <https://doi.org/10.1038/514024a> (Altmetric = 170, 1224 article accesses)

Gibbons, A.

2014 New sites bring the earliest Americans out of the shadows. *Science* 344: 567-568. <https://doi.org/10.1126/science.344.6184.567> (Altmetric = 34)

Quilter, J.

2013 *The Ancient Central Andes*. Routledge, New York.

Stager, C.

2011 *Deep Future: The Next 100,000 Years of Life on Earth*. St. Martin's Press, New York.

Past Academic Positions:

2018-2023 Assistant Professor, Department of Anthropology, Michigan State University

2016-2018 Assistant Professor, Department of Anthropology, Northern Illinois University

2015-2016 Alexander von Humboldt Postdoctoral Fellow, University of Tübingen.

2015 Postdoctoral Fellow, DFG Center for Advanced Studies *Words, Bones, Stones, Tools: Tracking Linguistic, Cultural, and Biological Trajectories of the Human Past*. University of Tübingen.

2014-2015 Teach at Tübingen Postdoctoral Fellow, Department of Early Prehistory and Quaternary Ecology, University of Tübingen

2014 Visiting Assistant Professor, Department of Anthropology, University of Maine
2009-2013 Faculty Associate, Department of Anthropology, University of Maine
2003-2011 Graduate Research Assistant, Climate Change Institute and Dept. of Earth Sciences,
University of Maine

Past Non-Academic Positions:

2013-2014 Staff Archaeologist, Northeast Archaeology Research Center, Inc.
2001-2008 Archaeologist, McBride Preservation Services, West Virginia
1998-2003 Staff Archaeologist, Wilbur Smith Associates, Lexington, Kentucky
1999, 2001 Archaeologist, Spring Mountains National Recreation Area, USDA Forest Service
2000 Archaeologist/Wildland Firefighter, Zion National Park, U.S. Dept. of the Interior
1997-1999 Archaeologist, Kentucky Archaeological Survey and Program for Archaeological
Research, U. of Kentucky.