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Department of Anthropology
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Educational Background

- 2011 Ph.D. in Anthropological Sciences, Washington University in St. Louis.
- 2006 M.A. in Anthropology, Washington University in St. Louis.
- 2004 Licenciatura in Archaeology, Universidad Mayor de San Andrés, La Paz.

Employment History

- Aug 2016 – Present. Assistant Professor, Department of Anthropology, The Pennsylvania State University, University Park, PA.
- Feb 2015 – Aug 2016. Assistant Professor, Departamento de Antropología, Universidad de Tarapacá, Arica, Chile.
- Nov 2013 – Feb 2015 FONDECYT Postdoctoral Researcher, Instituto de Alta Investigación, Universidad de Tarapacá, Arica, Chile.
- Sept 2012 – Sept 2013 Visiting Scholar, Center for Comparative Archaeology, Department of Anthropology, University of Pittsburgh, Pittsburgh, USA.
- Sept 2011 – May 2012 Instructor, University College, Washington University in St. Louis, USA.

List of Publications

Peer-Reviewed Journal Articles

- Osorio, Daniela, José M. Capriles, Paula C. Ugalde, Katherine A. Herrera, Marcela Sepúlveda, Eugenia M. Gayo, Claudio Latorre, Donald Jackson, Ricardo De Pol-Holz, and Calogero M. Santoro
2017 Hunter-gatherer mobility strategies in the high Andes of northern Chile during the late Pleistocene–early Holocene Transition (ca. 11,500-9,500 CAL B.P.). *Journal of Field Archaeology* (Accepted).
- Santoro, Calogero M., José M. Capriles, Eugenia M. Gayo, María Eugenia de Porras, Antonio Maldonado, Vivien G. Standen, Claudio Latorre, Victoria Castro, Dante Angelo, Virginia McRostie, Mauricio Uribe, Daniela Valenzuela, Paula Ugalde, and Pablo A. Marquet
2016 Continuities and discontinuities in the socio-environmental systems of the Atacama Desert during the last 13,000 years. *Journal of Anthropological Archaeology* (In Press).
- Capriles, José M., Calogero M. Santoro, and Tom D. Dillehay
2016 Harsh environments and the terminal Pleistocene peopling of the Andean highlands. *Current Anthropology* 57(1):99-100.

- Capriles, José M., Juan Albarracin-Jordan, Umberto Lombardo, Daniela Osorio, Blaine Maley, Steven T. Goldstein, Katherine A. Herrera, Alejandra I. Domic, Michael D. Glascock, Heinz Veit, and Calogero M. Santoro
2016 High-altitude adaptation and late Pleistocene foraging in the Bolivian Andes. *Journal of Archaeological Science: Reports* 6:463-474.
- Veit, Heinz, Jan-Hendrik May, Andrea Madella, Romain Delunel, Fritz Schlunegger, Sönke Szidat, and José M. Capriles
2016 Paleo-geoecological significance of Pleistocene trees in the Lluta Valley, Atacama Desert. *Journal of Quaternary Science* 31(3):203-213.
- Valenzuela, Daniela, Calogero M. Santoro, José M. Capriles, María José Quinteros, Ronny Peredo, Eugenia M. Gayo, Indira Montt, and Marcela Sepúlveda
2015 Consumption of animals beyond diet in the Atacama Desert, northern Chile (13,000-410 BP): comparing rock art motifs and archaeofaunal records. *Journal of Anthropological Archaeology* 40:250-265.
- Herrera, Katherine A., Paula C. Ugalde, Daniela Osorio, José M. Capriles, Salomón Hocsman, and Calogero M. Santoro
2015 Análisis tecno-tipológico de instrumentos líticos del sitio Arcaico Temprano Ipilla 2 en los Andes de Arica, Chile. *Chungara, Revista de Antropología Chilena* 47(1):41-52.
- Capriles, José M., Katherine M. Moore, Alejandra I. Domic, and Christine A. Hastorf
2014 Fishing and environmental change during the emergence of social complexity in the Lake Titicaca Basin. *Journal of Anthropological Archaeology* 34:66-77.
- Albarracin-Jordan, Juan, José M. Capriles, and Melanie J. Miller
2014 Transformations in ritual practice and social interaction in Tiwanaku's periphery. *Antiquity* 88(341):851-862.
- Capriles, José M.
2014 Mobile communities and pastoralist landscapes during the Formative Period in the central Altiplano of Bolivia. *Latin American Antiquity* 25(1):3-26.
- Marshall, Fiona B., Keith Dobney, Tim Denham, and José M. Capriles
2014 Evaluating the roles of directed breeding and gene flow in animal domestication. *Proceedings of the National Academy of Sciences USA* 111(17):6153-6158.
- Villarroel, Elena, Paula Pacheco, Alejandra I. Domic, José M. Capriles, and Carlos Espinoza
2014 Local management of Andean wetlands in Sajama National Park, Bolivia. *Mountain, Research and Development* 34(4):356-368.
- Orellana Halkyer, Nancy, Macarena Fuentes-Guajardo, José M. Capriles, and Francisco Rothhammer
2014 En torno al poblamiento de los Andes Sur-Centrales y su vinculación con la Amazonía. *Interciencia* 39(8):586-590.
- Domic, Alejandra I., Gerardo R. Camilo, and José M. Capriles
2014 Small-scale farming and grazing reduce regeneration of *Polylepis tomentella* (Rosaceae) in the semiarid Andes of Bolivia. *Biotropica* 46(1):106-113.
- Lombardo, Umberto, Katherine Szabo, José M. Capriles, Jan-Hendrik May, Wulf Amelung, Rainer Hutterer, Eva Lehdorff, Ana Plotzki, and Heinz Veit
2013 Early and middle Holocene hunter-gatherer occupations in Western Amazonia: the hidden shell middens. *PLoS ONE* 8(8):1-14. E72746.

- Capriles, José M. and Juan Albarracin-Jordan
2013 The earliest human occupations in Bolivia: a review of the archaeological evidence. *Quaternary International* 301:46-59.
- Albarracin-Jordan, Juan and José M. Capriles
2011 The Paleoamerican occupation of Cueva Bautista: late-Pleistocene human evidence from the Bolivian highlands. *Current Research in the Pleistocene* 28:95-98.
- Capriles, José M., Sergio Calla Maldonado, and Juan Albarracin-Jordan
2011 Tecnología lítica y estrategias de subsistencia durante los períodos Arcaico y Formativo en el altiplano central, Bolivia. *Chungara, Revista de Antropología Chilena* 43:455-468.
- Miller, Melanie J., José M. Capriles, and Christine A. Hastorf
2010 The fish of Lake Titicaca: implications for archaeology and changing ecology through stable isotope analysis. *Journal of Archaeological Science* 37(2):317-327.
- Domic, Alejandra I. and José M. Capriles
2009 Allometry and effects of extreme elevation on growth velocity of the Andean tree *Polylepis tarapacana* Philippi (Rosaceae). *Plant Ecology* 205(2):223-234.
- Capriles, José M., Alejandra I. Domic, and Katherine M. Moore
2008 Fish remains from the Formative Period (1000 BC–AD 400) of Lake Titicaca, Bolivia: zooarchaeology and taphonomy. *Quaternary International* 180(1):115-126.

Books

- Capriles, José M.
2017 *Arqueología del Pastoralismo Temprano de Camélidos en el Altiplano Central de Bolivia*. Institut Français d'Études Andines (IFEA), Plural Editores, La Paz. (Forthcoming Spring 2017).
- Capriles, José M. and Nicholas Tripcevich (Editors)
2016 *The Archaeology of Andean Pastoralism*. University of New Mexico Press, Albuquerque.
- Capriles, José M.
2014 *The Economic Organization of Early Camelid Pastoralism in the Andean Highlands of Bolivia*. BAR International Series 2597. British Archaeological Reports, Archaeopress, Oxford.

Book Chapters

- Santoro, Calogero M., Claudio Latorre, and José M. Capriles
2017 Early Peopling of the Atacama Desert. In *Encyclopedia of Global Archaeology*, 2nd Edition, edited by Claire Smith. Springer, New York. (In Review)
- Lombardo, Umberto and José M. Capriles
2016 The archaeological significance of early and middle Holocene shell middens in the Llanos de Moxos of south-western Amazonia. In *The Amazon-Andes Divide*, edited by Adrian Pearce, David Beresford-Jones, and Paul Heggarty. Oxford University Press, Oxford. (In Review).
- Tapia Matamala, Orlando and José M. Capriles
2016 Interacción y dinámica cultural en Mojocoya durante tiempos prehispánicos. In *Entre la vertiente tropical y los valles: sociedades regionales e interacción prehispánicas en los Andes Centro-Sur*, edited by Sonia Alconini, pp. 217-240. Plural Editores, La Paz.
- Capriles, José M.
2016 The subsistence economy of early Andean pastoralists: zooarchaeological insights from a Formative Period Wankarani house. In *The Archaeology of Andean Pastoralism*, edited by José M. Capriles and Nicholas Tripcevich, pp. 39-54. University of New Mexico Press, Albuquerque.

- Tripcevich, Nicholas and José M. Capriles
 2016 Introduction: advances in the archaeology of Andean pastoralism. In *The Archaeology of Andean Pastoralism*, edited by José M. Capriles and Nicholas Tripcevich, pp. 1-10. University of New Mexico Press, Albuquerque.
- Marshall, Fiona and José M. Capriles
 2014 Animal domestication and pastoralism: socio-environmental contexts. In *Encyclopedia of Global Archaeology*, edited by Claire Smith, pp. 249-258. Springer, New York.
- Capriles, José M.
 2013 State of the fish: changing patterns in fish exploitation and consumption during Tiwanaku (AD 500-1100) in Iwawi, Bolivia. In *Advances in Titicaca Basin Archaeology-2*, edited by Alexei Vranich and Abigail R. Levine, pp. 105-116. Monograph 77, Cotsen Institute of Archaeology, University of California, Los Angeles.
- Capriles, José M.
 2010 Zooarchaeology in Bolivia: background, present situation, and future projections. In *Current Advances in Latin American Archaeozoology*, edited by Guillermo Mengoni-Goñalons, Joaquín Arroyo-Cabrales, Oscar J. Polaco, and Felisa J. Aguilar, pp. 35-45. Instituto Nacional de Antropología e Historia (INAH), International Council for Archaeozoology (ICAZ), Mexico City.
- Capriles, José M., Alejandra I. Domic, and Sonia Alconini
 2010 Continuity and change in faunal consumption patterns at the Pre-Inka and Inka site of Yoroma, Bolivia. In *Anthropological Approaches to Zooarchaeology: Complexity, Colonialism, and Animal Transformations*, edited by Doug Campana, Pam Crabtree, Susan D. deFrance, Justin Lev-Tov, and Alice Choyke, pp. 105-112. Oxbow Books, Oxford.
- Moore, Katherine, Maria Bruno, José M. Capriles, and Christine Hastorf
 2010 Integrated contextual approaches to understanding past activities using plant and animal remains from Kala Uyuni, Lake Titicaca, Bolivia. In *Integrating Zooarchaeology and Paleoethnobotany: A Consideration of Issues, Methods, and Cases*, edited by Amber M. VanDerwarker and Tanya M. Peres, pp. 173-203. Springer, New York.

Recent Fieldwork Experience

- 2016 (June-July) Mapping and survey in the Pampa del Tamarugal basin, northern Chile. Archaeology and Paleoecology of Northern Chile Project.
- 2015 (August-September) Excavations of shell middens and mound complexes in the Llanos de Moxos, Bolivia. Anthropogenic Landscapes in the Bolivian Amazon Project.
- 2015 (March) Excavations at the site of Ipilla-2 in the Precordillera of Arica, Chile. Archaeology and Paleoecology of Northern Chile Project.
- 2014 (May-July) Survey and excavations in the Pampa del Tamarugal Basin of the Atacama Desert, Chile. Archaeology and Paleoecology of Northern Chile Project.
- 2013 (October-November) Survey of obsidian and chert sources in the Bolivian altiplano. Lípez Archaeological Project.
- 2012 (July-August) Survey and excavations of shell middens in the Llanos de Moxos, Beni. Anthropogenic Landscapes in the Bolivian Amazon Project.
- 2010 (June-July) Survey and excavations of rock shelters in the Sora River valley, Potosí. Lípez Archaeological Project.

External Fellowships and Grants

- 2015-2016 Co-Recipient - Conference Grant CONF-696 from the The Wenner-Gren Foundation to assist in the “8th Meeting of Archaeological Theory in South America (TAAS)” with Dr. Dante Angelo. \$20,000
- 2015 Recipient – Travel Grant from the Organizing Committee to participate in the XIX Congress of the International Union for Quaternary Research (INQUA) in Nagoya, Japan. €2,500 + ¥ 60,000
- 2015-2018 Co-Recipient - FONDECYT Regular Grant N° 1150031 for the Project “Ancient DNA, population dynamics and social change during the Late Archaic/Early Formative transition in Northern Chile” with Dr. Francisco Rothhammer and Dr. Calogero Santoro. ~\$ 150,000
- 2013-2016 Recipient - FONDECYT Postdoctoral Grant N° 3140008 for the Project “Human Peopling of the North Chilean Andes: Foraging, Mobility, and Subsistence Strategies during the Late Pleistocene in the Highlands of Arica and Iquique”. ~\$ 135,000
- 2013 Recipient - University of Missouri Research Reactor Center - Archaeometry Laboratory Support for the Project “Sourcing Obsidian Samples from the Late Pleistocene Site of Cueva Bautista, Southwestern Bolivia.” NAA and XRF analysis of a suite archaeological and source samples.
- 2012 Recipient - GeoEye Foundation Satellite Imagery Grant “Lipez Archaeological Project: Survey of the Sora River Valley.” 1,500 km² of high-resolution multi-spectral satellite images.
- 2012-2015 Co-Director - Swiss National Science Foundation Grant No. 200020-141277/1 “Human Presence, Anthropogenic Landscape Modifications and Environmental Change during the Holocene in the Llanos de Moxos (LM) - Bolivian Amazon.” With Dr. Heinz Veit and Dr. Umberto Lombardo.
- 2012-2015 Specialist - National Science Foundation Grant EAR# 1148181 “South American Megafauna Extinction: A Test of Synergistic Effects of Climate Change and Human Population Growth in Magnifying Extinction Intensity.” With Dr. Anthony Barnosky and Dr. Charles Marshall.
- 2010-2011 Co-Recipient - National Geographic Society Committee for Research and Exploration Grant # 8742-10 awarded for the project “Early Human Settlement, Shamanism, and Caravan Trade in the Southern Andes: Archeological Excavations at Caves with Excellent Preservation in Lipez, Bolivia.” With Dr. Juan Albarracin-Jordan. \$ 20,000
- 2007-2009 Recipient - National Science Foundation Doctoral Dissertation Improvement Grant BCS# 0737793 awarded for the Project “A Zooarchaeological Perspective on the Development of Camelid Pastoralism in the South Central Andes of Bolivia.” \$ 14,967
- 2008 Recipient - Lambda Alpha, National Collegiate Honor Society for Anthropology, Graduate Overseas Research Charles R. Jenkins Award given for the Project “Exploring the Economic Organization of Early Camelid Pastoralism in the South Central Andes of Bolivia.” \$ 2,500

Service

- Editorial Board member of the journal *Latin American Antiquity*.
- Editorial Board member of the journal *Chungara, Revista de Antropología Chilena*.
- Program Committee member of the Society for American Archaeology 81st Annual Meeting, Orlando, Florida (2016).
- Organization Committee member of the 8th Meeting of Archaeological Theory in South America (TAAS) La Paz, Bolivia (2016).