

**SARA K. BECKER**  
Associate Professor  
Department of Anthropology  
University of California, Riverside  
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### **EDUCATION**

2013 PhD, Anthropology - University of North Carolina at Chapel Hill (UNC Chapel Hill)  
2003 MA with Honors, Anthropology - California State University, Los Angeles (CSULA)  
2000 BA, Summa Cum Laude, Anthropology, German minor - Arizona State University

### **EMPLOYMENT HISTORY**

Associate Professor, Department of Anthropology, UC Riverside (2021-Present)  
Graduate Advisor, Department of Anthropology, UC Riverside (2021-2022)  
Assistant Professor, Department of Anthropology, UC Riverside (2015-2021)  
Assistant Professor, York College of Pennsylvania, York, PA (2013-2015)  
Adjunct Professor, Raritan Valley Community College, Branchburg, NJ (2013)  
Graduate Teaching Fellow, Department of Anthropology, UNC Chapel Hill (2009-2011)  
Lecturer, Department of Sociology and Anthropology, NC State University (2005-2006)  
Teaching Assistant, Department of Anthropology, UNC Chapel Hill (2003-2009)

### **AFFILIATIONS**

University of California, Latin American Studies Program Affiliate (2018 – present)  
Investigator, attached to the Instituto de Investigaciones Antropológicas y Arqueológicas  
Carrera de Antropología y Arqueología, Universidad Mayor de San Andrés, La Paz, Bolivia  
(2018-2020)

University of California, Experts on Demand - Office of Strategic Communications and Media  
Relations <https://mediasources.ucr.edu/sara-k-becker>

### **RESEARCH INTERESTS**

Skeletal biology, bioarchaeology, biomechanics, prehistoric labor, emerging complex societies in South America, stress and disease, disease ecology and evolution, pre-contact health and stress of North and South American indigenous groups, and traditional labor practices among the Aymara people of Bolivia and Peru

**REFEREED PUBLICATIONS**

**JOURNAL ARTICLES**

**Becker, S.K.**, Goldstein, P.S., and Baitzel, S. (2023) A Case Study of Multiple Individuals with a Supernumerary Vertebra and Sacralization in the Prehistoric Rio Muerto Tiwanaku Cemetery (AD 700-900), Moquegua, Peru. *Journal of Archaeological Science: Reports* 50:104062.

<https://doi.org/10.1016/j.jasrep.2023.104062>

**Becker, S.K.**, Stull, K., Chu, E. (2023) Designing Databases and Using Generalized Estimating Equations for Enthesal Datasets: An Example from the Tiwanaku Culture (AD 500-1100).

*International Journal of Osteoarchaeology* 33(3):429-443. <https://doi.org/10.1002/oa.3210>

**Becker, S.K.** (2020) Why Heterarchy? A View from the Tiwanaku State's (AD 500-1100) Labor Force. *American Anthropologist* 122:934-939. <https://doi.org/10.1111/aman.13499>

**Becker, S.K.** (2020) Osteoarthritis, Entheses, and Long Bone Cross-sectional Geometry in the Andes: Usage, History, and Future Directions. *International Journal of Paleopathology* 29:45-53.

<https://doi.org/10.1016/j.ijpp.2019.08.005>

Gagnon, C.M. and **Becker, S.K.** (2020) Native Lives in Colonial Times: Insights from the Skeletal Remains of Susquehannocks, A.D. 1575–1675. *Historical Archaeology* 54(1):262-285.

<https://doi.org/10.1007/s41636-019-00221-8>

**Becker, S.K.** (2019a) Labor across an Occupational and Gendered Taskscape: Bones and Bodies of the Tiwanaku State (AD 500-1100). *Bioarchaeology International* 3(2):118-141.

<https://dx.doi.org/10.5744/bi.2019.1010>

**Becker, S.K.** (2019b) Evaluating Elbow Osteoarthritis within the Prehistoric Tiwanaku State Using Generalized Estimating Equations (GEE). *American Journal of Physical Anthropology* 169:186-196.

<https://doi.org/10.1002/ajpa.23806>

**Becker, S.K.** and Goldstein, P.S. (2017) Evidence of Osteoarthritis in the Tiwanaku Colony, Moquegua, Peru (AD 500-1100). *International Journal of Osteoarchaeology* 28(1):54-64.

<https://doi.org/10.1002/oa.2634>

**Becker, S.K.** (2016) Skeletal Evidence of Craft Production from the Ch'iji Jawira Site in Tiwanaku, Bolivia. *Journal of Archaeological Science: Reports* 9:405-415.

<https://doi.org/10.1016/j.jasrep.2016.08.017>

**Becker, S.K.** and Alconini, S. (2015) Head Extraction, Interregional Exchange, and Political Strategies of Control at the Site of Wata Wata, Kallaway Territory, Bolivia, during the Transition between the Late Formative and Tiwanaku Periods (AD 200-800). *Latin American Antiquity* 26(1):30-48.

<https://doi.org/10.7183/1045-6635.26.1.30>

**Becker, S.K.** (2013) Health Consequences of Contact on Two Seventeenth Century Native Groups from the Mid-Atlantic Region of Maryland. *International Journal of Historical Archaeology* 17(4):713-730.

<https://doi.org/10.1007/s10761-013-0240-3>

## SARA K. BECKER

Miller, E. and **Becker, S.K.** (2001) Anencephaly - Something Missing from the Archaeological Record? *Paleopathology Newsletter* 115:9-11. (Published under last name of Simon)

### JOURNAL ARTICLES UNDER REVIEW

**Becker, S.K.** (2023) Anarchy, Heterarchy, Ayllu and the Bioarchaeological Evidence of Labor in the Tiwanaku “State” (AD 500-1100) of Bolivia and Peru. Submitted to *American Anthropologist*, September 15, 2023.

### JOURNAL ARTICLES IN PREPARATION

**Becker, S.K.** and Goldstein, P.S. (2024) Site-Based Osteoarthritis Comparisons from the Tiwanaku Colony in Moquegua, Peru, *in preparation for Nawpa Pacha, Journal of the Institute for Andean Studies*.

### EDITED VOLUME/BOOK

Juengst, S. and **Becker, S.K.**, editors. (2017) *The Bioarchaeology of Community*. Archeological Papers of the American Anthropological Association, Volume 28. Washington, DC: American Anthropological Association. <https://doi.org/10.1111/apaa.12083>

### SPECIAL JOURNAL VOLUME

**Becker, S.K.** and Juengst, S., editors. (2020) *Cooperative Bodies: Bioarchaeology and Non-Ranked Societies*. *American Anthropologist* 122:891-940. <https://doi.org/10.1111/aman.13497>

### BOOK CHAPTERS

**Becker, S.K.** and Alconini, S. (2018) Violence, Power, and Head Extraction in the Kallawayá Region, Bolivia. In: *Social Skins of the Head: Beliefs and Ritual in Ancient Mesoamerica and the Andes*. Lozada, M.C. and Tiesler, V., eds. Albuquerque: University of New Mexico Press, pp. 235-252. ISBN-13: 978-0826359636 <https://unmpress.com/books/social-skins-head/9780826359636> & <https://www.amazon.com/Social-Skins-Head-Beliefs-Mesoamerica/dp/0826359639>

Alconini, S. and **Becker, S.K.** (2018) Sacrificio, Decapitación, y Remoción Ocular: Estrategias Tiwanaku de Control Político y Religioso en los Valles Orientales. In: *Avances Recientes en Datación y Arqueometría en los Andes*. Ghezzi, I. and Salcedo, L.E., eds. Lima, Peru: IFEA, pp. 277-296. ISBN-13: 978-9995418779 <http://www.ifea.org.pe/libreria/actes-et-memoires/045/>

**Becker, S.K.** and Juengst, S. (2017) Introduction: Establishing a Bioarchaeology of Community. In: *The Bioarchaeology of Community*. Juengst, S. and **Becker, S.K.**, eds. Archeological Papers of the American Anthropological Association, Volume 28. Washington, DC: American Anthropological Association, pp. 6-12. <https://doi.org/10.1111/apaa.12084>

**Becker, S.K.** (2017) Community Labor and Laboring Communities of the Tiwanaku State (C.E. 500-1100). In: *The Bioarchaeology of Community*. Juengst, S. and **Becker, S.K.**, eds. Archeological Papers of the American Anthropological Association, Volume 28. Washington, DC: American Anthropological Association, pp. 38-53. <https://doi.org/10.1111/apaa.12087>

## SARA K. BECKER

### BOOK CHAPTERS UNDER REVIEW

**Becker, S.K.** (2025) Moquegua Valley Labor: Before, During, and After Tiwanaku Colonization (CE 600-950). Chapter in the two-part volume “Archaeology in the Moquegua Valley.” Green, U. and Costion, K., eds. To be published in both English and Spanish, and under review with and to be published by The Center for Comparative Archaeology at the University of Pittsburgh. Submitted March 2, 2023.

Blom, D.E. and **Becker, S.K.** (2025) Skeletal Remains from the Taraco Archaeological Project, Chiripa, Bolivia. Chapter for the edited monograph: The Taraco Peninsula Archaeological Project (TAP). Hastorf, C.A. and Steadman, L., eds. Under review with and to be published by the University of California, Berkeley. Submitted February 5, 2020.

**Becker, S.K.** (2024) Expert Craftswomen Past and Present: Bioarchaeological and Ethnographic Evidence from the Tiwanaku Polity (AD 500-1100). Chapter in the edited volume “A Bioarchaeological Exploration of Women's Roles and Life Histories in Ancient Times: The Hidden Lives of Women.” Lee, C. and Miller Wolf, K., eds. Under review with and to be published in the Routledge Archaeology of Gender and Sexuality series. Submitted Dec. 18, 2022.

### BOOK REVIEWS

**Becker, S.K.** (2018) Book Review: Colonized Bodies, Worlds Transformed: Toward a Global Bioarchaeology of Contact and Colonialism. *American Antiquity* 83(3):566-567. <https://doi.org/10.1017/aaq.2018.37>

**Becker, S.K.** (2017) Book Review: Regionally Constant but Societally Varied (Conlee's Beyond the Nasca Lines). *Current Anthropology* 8(3):428-429. <https://doi.org/10.1086/691991>

### NON-REFEREED PUBLICATIONS

#### SCIENTIFIC RESEARCH REPORTS

Chacaltana, S., Williams, P.R., Nash, D., Sharratt, N., and **Becker, S.K.** (2017) Proyecto de Colecciones Colesuyo 2016 – Informe Final. Resolución Directoral Numero 000020-2017/DGMNMPIC/MC. Submitted to the Ministerio de Cultura, Perú, December 2017.

Chacaltana, S., Williams, P.R., Nash, D., Sharratt, N., and **Becker, S.K.** (2016) Proyecto de Colecciones Colesuyo 2016 – Informe Final. Resolución Directoral Numero 000014-2016/DGMNMPIC/MC. Submitted to the Ministerio de Cultura, Perú, December 2016.

**Becker, S.K.** (2016) Análisis Bioarqueológico De Actividad en Restos Humanos. Submitted to project leader Sofía Chacaltana as part of the Proyecto de Colecciones Colesuyo 2016 – Informe Final. Resolución Directoral Número 000014-2016/DGMNMPIC/MC. Submitted October 2016.

Blom, D.E., Knudson, K.J., Janusek, J.W., **Becker, S.K.**, Berryman, C.A., Mendoza, V. (2016) Formación y transformación de las identidades de los Andes: las construcciones de la niñez en Tiwanaku. Report presented to the Centro de Investigaciones Arqueológicas, Antropológicas y Administración de Tiwanaku, June 2016.

## SARA K. BECKER

**Becker, S.K.** (2016) Análisis Bioarqueológico De Labor y Actividad en Huesos Humanos. Submitted to project leader Deborah Blom. Included as section of “Proyecto de Investigación, Un Enfoque Bioarqueológico y Biogeoquímico en la Niñez de Tiwanaku: Intersección de Identidades Sociales y Biologías Locales en los Andes: Informe de Actividades - Primera Fase,” a report of activities submitted to the Unidad de Arqueología y Museos (UDAM), Bolivia, June 2016

**Becker, S.K.** (2010) Bioarchaeological Report (Age, Sex, and Paleopathology) on the Tiwanaku Collections in the Museo Contisuyo. Manuscript in the archives of the Museo Contisuyo, Moquegua, Peru.

**Becker, S.K.** (2010) Bioarchaeological Report (Age, Sex, and Paleopathology) on the Tiwanaku Collections in Tiwanaku, Bolivia. Presented to Irene Delaveris and Manuscript on file in the lab and deposito archives, Tiwanaku/Tiahuanaco, Bolivia.

**Becker, S.K.** (2006) Bioarchaeological Report on Tomb M-U615 for the San José de Moro Archaeological Project. Manuscript in the archives of the Proyecto Arqueológico San José de Moro. Pontificia Universidad Católica del Perú, Lima.

**Becker, S.K.** (2004) Preliminary Bioarchaeological Report on Tomb M-U615 for the San José de Moro Archaeological Project. Manuscript in the archives of the Proyecto Arqueológico San José de Moro. Pontificia Universidad Católica del Perú, Lima.

**Becker, S.K.** (2001) Analysis of Human Skeletal Remains from Sites (ARS-1-10-SP, ARS-91-10-SP, ARS-78-10-SP, ARS-3-10-SP, ARS-110-10-SP, ARS-5-10-SP-1) on San Nicholas Island, California. Manuscript submitted to the NAVAIR Weapons Division, Range Sustainability Office, Point Mugu, CA.

### OTHER PUBLICATIONS

**Becker, S.K.** (2011) Laborers among the Tiwanaku/Trabajadores entre el Tiwanaku. Jatha Fundación Cultural: Creando Puentes de Desarrollo.

**Becker, S.K.** (2008) AnthroTours. Wrote and programmed in Google Earth XML for Larsen’s Text: Our Origins – W.W. Norton & Co. Publishing House. (Published under last name Simon)  
<http://www.wwnorton.com/college/anthro/our-origins2/credits.aspx>  
<http://www.wwnorton.com/college/anthro/our-origins2/anthrotours.aspx>

**Becker, S.K.** (2008) AnthroTours. Wrote and programmed in Google Earth XML for Boyd & Silk’s Text: How Human’s Evolved, 5<sup>th</sup> Ed. – W.W. Norton & Co. Publishing House. (Published under last name Simon)

### SYMPOSIUM ORGANIZED

2019 “Cooperative Bodies: Bioarchaeology and Non-Ranked Societies” Symposium. S. Juengst and **S.K. Becker**. Twelve participants with paper presentations and two discussants. Society for American Archaeology Meeting, Albuquerque, NM.

## SARA K. BECKER

- 2014 “Establishing a Bioarchaeology of Community” Symposium. **S.K. Becker** and S. Juengst. Ten participants with paper presentations and three discussants. Society for American Archaeology Meeting, Austin, TX.

### INVITED FORUM

- 2024 “Archaeology Sara(h)s Rock! A Session of Sara(h)” Forum. **S.K. Becker**. One of seven discussants. Society for American Archaeology Meeting, New Orleans, LA

### INVITED PRESENTATIONS WITH PUBLISHED ABSTRACTS

- 2022 Moquegua Valley Labor: Before, during, and after Tiwanaku Colonization (AD 600–1000). **S.K. Becker**. Presentation in the “Advances in Archaeological Research in the Moquegua Valley” symposium. Society for American Archaeology meeting, Chicago, IL.
- 2021 Generalized Estimating Equations for Varied Bioarchaeological Labor Datasets. **S.K. Becker**. Presentation in the “Adaptive Tools for Resilient Bones: Biostatistical Approaches to Past Physical Activity in Osteoarchaeology” conference at Universiteit Lieden, Lieden, the Netherlands, November 18-19, 2021.
- 2021 Anarchy, Heterarchy, and the Bioarchaeological Evidence of Labor in the Tiwanaku “State” (AD 500-1100) of Bolivia and Peru. **S.K. Becker**. Presentation in the “Dawn of a New Horizon: Reassessing the Middle Horizon (600-1000 A.D.) and Rethinking the Andean State” symposium. Society for American Archaeology meeting, San Francisco, CA/online due to covid-19.
- 2021 Practicing Communities and Experimental Bioarchaeology: A Look at the Tiwanaku (AD 500-1100) and their Descendant Communities in Bolivia. K.P. Gaspar, J.C. Chavez, and **S.K. Becker**. Presentation in the “Communities of Practice in the Ancient Andes: Thinking through Knowledge Transmission and Community Making in and beyond Craft Production” symposium. Society for American Archaeology meeting, San Francisco, CA/online due to covid-19.
- 2020 She Knows Her Stuff: Modern and Ancient Expert Craftswomen in the Andes. **S.K. Becker**. Invited poster presentation in the “The Hidden Lives of Women: An Exploration of Women’s Roles and Life Histories in Ancient Times” symposium. American Association of Physical Anthropologists meeting, Los Angeles, CA (cancelled due to Covid-19).
- 2019 Why Heterarchy? A View from the Tiwanaku State’s (AD 500-1100) Labor Force. **S.K. Becker**. Presentation in the “Cooperative Bodies: Bioarchaeology and Non-Ranked Societies” symposium. Society for American Archaeology meeting, Albuquerque, NM.
- 2019 Bodies of Crafting: A Multidisciplinary Bioarchaeological Look at Women’s Weaving and Ceramics Manufacture in the Past and Present. **S.K. Becker**. Presentation in the “Indigenous Women of the Andes: New Approaches to Interdisciplinary Gender Studies” symposium. Rocky Mountain Council on Latin American Studies conference (RMCLAS), Santa Fe, NM
- 2018 Landscape and Labor: Bones and Bodies of the Tiwanaku State. **S.K. Becker**. Presentation in the “Pondering Gendered Landscapes” symposium. Society for American Archaeology meeting, Washington, D.C.

## SARA K. BECKER

- 2017 Recording and Investigating Complex Huancavilca Landscapes with Open Tools. University of Pennsylvania. Carter, B., Conner, W., Masucci, M., Juengst, S., **Becker, S.K.**, Rowe, S., Duke, G. Presentation for the 36<sup>th</sup> Northeast Conference on Andean and Amazonian Archaeology and Ethnohistory, Philadelphia, PA
- 2017 Addressing Activity Patterns through Statistical Methods: Generalized Estimating Equations Modelling of Multiple Data Points. **S.K. Becker**. Poster and presentation in the “Paleopathology of Andean South America” symposium. Paleopathology Association Meeting, New Orleans, LA
- 2016 Formation and Transformation of Identities in the Andes: The Constructions of Childhood among the Tiwanaku. D.E. Blom, K.J. Knudson, J.W. Janusek, **S.K. Becker**, and C.M. Bowen. Presentation in the “On the Move: Archaeological Approaches to Children and Childhood” Symposium. Society for American Archaeology Meeting, Orlando, FL
- 2016 A Bioarchaeological Perspective on Tiwanaku Laborers from the Moquegua Colony, Peru. **S.K. Becker** and P.S. Goldstein. Presentation at the Annual Institute of Andean Studies Meeting, Berkeley, CA
- 2014 Community Labor and Laboring Communities within the Heartland and Hinterlands of the Tiwanaku State (AD 500-1100). **S.K. Becker**. Presentation in “Establishing a Bioarchaeology of Community” Symposium. Society for American Archaeology Meeting, Austin, TX
- 2013 Skeletal Evidence of Labor Organization in the Heartlands and Hinterlands of Tiwanaku (AD 500-1100). **S.K. Becker**. Presentation at the Northeast Conference on Andean Archaeology and Ethnohistory, New Haven, CT
- 2012 Using Generalized Estimating Equations to Evaluate Activity in Human Skeletal Remains. **S.K. Becker**. Presentation in the “Anthropological Applications” Symposium. International Conference on Advances in Interdisciplinary Statistics and Combinatorics (AISC) 2012, Greensboro, NC
- 2012 Labor, Gender, and Identity: Bioarchaeological Activity Patterns in Individuals from the Tiwanaku State (AD 500-1100). **S.K. Becker**. Presentation in “Women in the Past: Biocultural Signatures of Contributions to and Sacrifices for Society” Symposium. Society for American Archaeology Meeting, Memphis, TN
- 2009 A Multidisciplinary Approach to Human Skeletal Analysis at Mollo Kontu, Tiwanaku (Bolivia). C.A. Berryman, K.J. Knudson, **S.K. Becker**, S.L. Wilson, and D.E. Blom. Presented in “Recent Advances at Tiwanaku, Bolivia: Mollo Kontu Jach’a Marka Project” Symposium. Society for American Archaeology Meeting, Atlanta, GA

### PRESENTATIONS WITH PUBLISHED ABSTRACTS

- 2024 Modern and Ancient Craftswomen in the Andes, from Tiwanaku (AD 500-1100) to Present in Bolivia and Peru. **Becker, S.K.** Society for American Archaeology meeting, New Orleans, LA.
- 2018 Movement in Moquegua: Detecting Differential Activity Types via the Knee in a Tiwanaku Subgroup. Herndon, B.E. and **Becker, S.K.** Society for American Archaeology meeting, Washington, D.C.
- 2017 Sixth Lumbar Sacralization and Familial Relatedness among Tiwanaku Individuals Buried at M70 in Moquegua, Peru. **S.K. Becker**, B.E. Herndon, G. Torres-Morales, P.S.

## SARA K. BECKER

- Goldstein, and S.I. Baitzel. American Association of Physical Anthropologists Meeting, New Orleans, LA.
- 2017 Finding the Volume of the Femoral Intercondylar Fossa from a 3D Scanning Image Using CAD Modeling Software. B.E. Herndon and **S.K. Becker**. American Association of Physical Anthropologists Meeting, New Orleans, LA.
- 2017 Osteoarthritis in Hands, Feet, Spine, and Temporomandibular Joint from Individuals Buried at Tiwanaku Sites in Moquegua, Peru. **S.K. Becker**. Paper presented at the Society for American Archaeology Meeting, Vancouver, B.C., Canada.
- 2016 Communities within the Tiwanaku Colony of Moquegua, Peru. **S.K. Becker**. Western Bioarchaeology Group Conference, Sonoma, CA.
- 2016 Did Potters Urn? Potential Skeletal Evidence of Ceramic Production from the Ch'iji Jawira Site in Tiwanaku, Bolivia. **S.K. Becker**. Society for American Archaeology Meeting, Orlando, FL.
- 2016 Skeletal Evidence of Ceramic Production from the Ch'iji Jawira Site in Tiwanaku, Bolivia. **S.K. Becker**. American Association of Physical Anthropologists Meeting, Atlanta, GA.
- 2015 Laboring in Tiwanaku's Moquegua Colony: A Bioarchaeological Activity Indicator Comparison Using Population-Based and Life Course Approaches. **S.K. Becker** and P.S. Goldstein. Society for American Archaeology Meeting, San Francisco, CA.
- 2014 Mapping Activity Patterns Through Musculoskeletal Stress Markers: Vertebral Anomalies of a Middle Horizon Population in the North-Central Highlands of Peru. L.M. Calabria, **S.K. Becker**, J.J. Lesnik, and R.E. Bria. American Association of Physical Anthropologists Meeting, Calgary, Alberta, Canada.
- 2014 Musculoskeletal Interpretation of Labor Induced Stress on Ancient Andean Populations from Hualcayán (Ancash, Perú). J.O. Stokes, **S.K. Becker**, J.J. Lesnik, and R.E. Bria. American Association of Physical Anthropologists Meeting, Calgary, Alberta, Canada.
- 2013 Evidence of Osteoarthritis during the Tiwanaku State in Bolivia and Peru (AD 500-1100). **S.K. Becker**. American Association of Physical Anthropologists Meeting, Knoxville, TN.
- 2011 Laboring in the South Central Andes: A Bioarchaeological Study of Activity within the Tiwanaku Polity. **S.K. Becker**. Society for American Archaeology Meeting, Sacramento, CA.
- 2011 Trophy Head Taking Among the Tiwanaku: Three Crania from Charazani, Bolivia. S. Alconini and **S.K. Becker**. Society for American Archaeology Meeting, Sacramento, CA.
- 2007 Testing a "Caries Correction Factor" in Two Populations with Differing Dental Caries Rates. **S.K. Simon**. American Association of Physical Anthropologists Meeting, Philadelphia, PA.
- 2005 The Effect of Migration on the Dental and Skeletal Health of Protohistoric and Early Historic Susquehannock Indians (AD 1575-1675). **S.K. Simon** and C.M. Gagnon. American Association of Physical Anthropologists Meeting, Milwaukee, WI.
- 2003 Health and the Emergence of Chiefdoms. **S.K. Simon**. Southeastern Archaeology Conference, Charlotte, NC.
- 2003 Health and the Emergence of Chiefdoms: Three Ossuary Sites from Piscataway Park, Maryland. **S.K. Simon**. Paleopathology Association Meeting, Tempe, AZ.

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- 2002 There's Something Fishy Going on Around Here: Interpersonal Violence at Karluk Cannery, Alaska. E. Miller and **S.K. Simon**. Paleopathology Association Meeting, Buffalo, NY.
- 2001 Anencephaly: Something Missing from the Archaeological Record? E. Miller and **S.K. Simon**. Paleopathology Association Meeting, Kansas City, MO.

### INVITED PRESENTATIONS

- 2019 Utilizing Modern Computerized Motion Capture to Understand Prehistoric Tiwanaku (AD 500-1100) Labor in Bolivia. **S.K. Becker**. Presentation for the Andean Working Group at the University of California, Los Angeles.
- 2019 Lo que la Tecnología de Captura de Movimiento Puede Decirnos sobre la Gente de Tiwanaku. **S.K. Becker**. Presentation for the Universidad Mayor de San Andrés, La Paz, Bolivia.
- 2019 Motion Capture of Traditional Labor in Bolivia and Peru. Presentation for the Hellman Fellows Conference at UC Riverside, Riverside, CA.
- 2017 Skeletal Evidence of Labour and Crafting within the Tiwanaku State (AD 500-1100). **S.K. Becker**. Presentation for Cambridge University, Cambridge, UK, for the Americas Archaeology Group within the Cambridge Archaeological Unit at the University of Cambridge, Cambridge, England, UK.
- 2017 Heads, Hands, Spine, Feet, and Toes: the Bioarchaeology of Labor and Crafting within the Tiwanaku State (AD 500-1100). **S.K. Becker**. Presentation for the University of California, San Diego, Department of Anthropology, San Diego, CA.
- 2016 Bone Weary: Labor in the South American Tiwanaku State (AD 500-1100) from a Bioarchaeological Perspective. **S.K. Becker**. Presentation for the University of California, Los Angeles Social Sciences Division and the Cotsen Institute of Archaeology, Los Angeles, CA.
- 2016 Modern Stories and Accurate Storytelling. **S.K. Becker**. Invited discussant at the 36<sup>th</sup> Annual James Young Colloquium: Knowledge Production, Theory & Standpoint: Papers in Honor of Dr. Thomas C. Patterson. Riverside, CA.
- 2015 Let's Talk Labor: Activity Indicators and the Tiwanaku State (AD 500-1100). **S.K. Becker**. Bioarchaeology seminar, invited by Dr. Gwen Robbins Schug, Appalachian State University, Boone, NC.
- 2013 Remoción Craneana, Intercambio Inter-regional y Estrategias Políticas de Control en el Territorio Kallawayá durante la Transición del Período Formativo Tardío – Tiwanaku. A.S. Alconini and **S.K. Becker**. Presentation for Encuentro Internacional sobre Recientes Investigaciones. Arqueológicas en Bolivia, Universidad Mayor de San Andrés, La Paz, Bolivia.
- 2013 Working Hard or Hardly Working? A Bioarchaeological Perspective on Labor within the Andean Tiwanaku State (AD 500-1100). **S.K. Becker**. Presentation for the Archaeological Institute of America/Archaeology Society of Staten Island, NY, Dr. George G. Hackman Memorial Lecture.

### GRANTS & FELLOWSHIPS

- 2024 California Alliance for Hispanic-Serving Social Science Advancement (CAHSSA) Collaborative Writing Retreat (**Awarded, a three day mentored, writing retreat at the UCLA Lake Arrowhead Lodge, with co-PI Dr. Elizabeth Berger at UCR**)

## SARA K. BECKER

- 2023 College of Humanities, Arts, and Social Sciences and the Center for Ideas and Society (CHASS-CIS) Cosponsorship Program, The Mogou Bioarchaeology Project: Conference and Workshop (**Awarded, \$3,000 with co-PI Dr. Elizabeth Berger at UCR**)
- 2023 UCR OASIS Internal Funding Awards (OASIS-IFA) – Project titled, “Resilience of Human Social Systems in Marginal and Changing Environments Examined through Archaeological Skeletal Remains” (**Awarded, \$25,000 with co-PI Dr. Elizabeth Berger at UCR**)
- 2023 Omnibus Travel Grant from the UC Riverside Division of the Academic Senate (**Awarded, \$700**)
- 2022 Omnibus Travel Grant from the UC Riverside Division of the Academic Senate (**Awarded, \$1000**)
- 2022 UCR Department of Anthropology Patterson / Ashmore Research Funds - Anthropology Graduate Student & Faculty Workshop: Training in the R Statistical Analysis Package (**Awarded, \$5640, with co-PI Dr. Elizabeth Berger at UCR**)
- 2022 UCR Department of Anthropology Patterson / Ashmore Research Funds - Motion Capture Project Completion / Anthropology Graduate Student & Faculty Training in Motion Capture (**Awarded, \$1560**)
- 2021 Omnibus Travel Grant from the UC Riverside Division of the Academic Senate (**Awarded, \$900**)
- 2021 UCR Center for Ideas and Society – Summer Pop-Up Grant: Humanistic Bioarchaeology (**Awarded, \$2000**)
- 2020 Omnibus Travel Grant from the UC Riverside Division of the Academic Senate (**Awarded, \$900**)
- 2020 Archaeological Institute of America (AIA), Orange County Society – PI for my PhD student Genesis Torres Morales for her project, “Reign, Sacrifice, and Transformation: A Bioarchaeological Understanding of the Chimú (AD 900-1470)” (**Awarded, \$2,000**)
- 2020 Sigma Xi Grants In Aid of Research – PI for my PhD student, Juan Chávez Quispe for his project, “Migration and Power in the pre-Columbian Andes: a Bioarchaeological Approach to Cochabamba’s Human Skeletal Collections Dated to the Middle Period (AD 700-1100)” (\$1,000; *not awarded*)
- 2020 Sigma Xi Grants In Aid of Research – PI for my PhD student, Amaretta Azevedo for her project, “Navigating and Embodying Sociopolitical Changes in Colonia Iulia Iader: A Bioarchaeological Analysis of a 1st to 5th century CE Roman cemetery in Zadar, Croatia” (\$1,000; *not awarded*)
- 2020 Sigma Xi Grants In Aid of Research – PI for my PhD student, Genesis Torres Morales for her project, “Reign, Sacrifice, and Transformation: A Bioarchaeological Understanding of the Chimú (AD 900-1470)” (\$1,000; *not awarded*)
- 2020 National Science Foundation Biological Anthropology Doctoral Dissertation Research Improvement Grant (BA-DDRIG) – co-PI with my PhD student, Genesis Torres Morales for her project, “Reign, Sacrifice, and Transformation: A Bioarchaeological Interpretation of Nutritional and Dietary Stress within the Chimú Population (AD 900-1470)” (\$25,200; *not awarded*)
- 2020 National Geographic Early Career Grant - PI for my PhD student, Genesis Torres Morales for her project, “Reign, Sacrifice, and Transformation: A Bioarchaeological Understanding of the Chimú (AD 900-1470)” (\$9,934, *under review*)

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- 2019 Omnibus Travel Grant from the UC Riverside Division of the Academic Senate (**Awarded, \$900**)
- 2019 National Geographic Grant Support for Women and Dependent Care (**Awarded, \$1,549**)
- 2019 UC President's Faculty Research Fellowships in the Humanities (\$30,000; *not awarded*)
- 2018 National Geographic Standard Grant for the project: Motion Capture Computer Modelling Ancient Labor Practices in Bolivia and Peru (**Awarded, \$46,958**)
- 2018 Omnibus Travel Grant from the UC Riverside Division of the Academic Senate (**Awarded, \$950**)
- 2018 Office of Research and Economic Development (RED) Small Seed Grant: Testing Multiple Statistical Methods for the Skeletal Evidence of Activity and Labor in Prehistoric South America, with Dr. Esra Kurum, UCR Department of Statistics (\$9,526; *not awarded*)
- 2017 NSF Archaeology Collaborative Proposal for the project: Manteno-Guancavilca Ethnogenesis and Placemaking in the Colonche Valley, Ecuador – co-PI (UCR portion \$21,294; total: \$183,721, *not awarded*)
- 2017 National Geographic Standard Grant for the project: Motion Capture Computer Modelling Ancient Labor Practices in Bolivia and Peru (\$34,750, *not awarded*)
- 2017 Omnibus Travel Grant from the UC Riverside Division of the Academic Senate (**Awarded, \$1,000**)
- 2017 Hellman Fellowship for the project: Motion Capture Computer Modelling Ancient Labor Practices (**Awarded, \$30,000**)
- 2017 OpEd Project Fellowship - “Write to Change the World” from the UC Merced Center for the Humanities (**Awarded**)
- 2017 Wrote two sections of the Active Learning Center Grant offered by Steelcase Education as part of the UCR Anthropology Undergraduate Committee (\$60,000, *not awarded*)
- 2016 NSF Archaeology Collaborative Proposal for the project: Manteno-Guancavilca Ethnogenesis and Placemaking in the Colonche Valley, Ecuador – listed as a consultant (\$120,106, *not awarded*)
- 2016 Omnibus Travel Grant from the UC Riverside Division of the Academic Senate (**Awarded, \$1,100**)
- 2016 Travel Grant to Washington, DC by Vice Chancellor Michael Pazzani for Research and Economic Development, to meet with Federal Funding Agencies July 13-15 (**Awarded, declined**)
- 2016 Wrote two sections of the Active Learning Center Grant offered by Steelcase Education as part of the UCR Anthropology Undergraduate Committee (\$62,000, *not awarded*)
- 2015 Promoting Innovation on Campus - Development of a STEM Student Learning Community (York College) (**Awarded, \$8,750**)
- 2009 National Science Foundation Doctoral Dissertation Improvement Grant No. 09-25866 (**Awarded, \$12,000**)
- 2008 Off-Campus Dissertation Research Fellowship - UNC (**Awarded, \$20,000**)
- 2008 Timothy P. Mooney Fellowship - UNC (**Awarded, \$1,200**)
- 2007 Graduate Student Opportunity Fund Pre-Dissertation Research UNC (**Awarded, \$2,100**)
- 2004 Sigma Xi Grants-in-Aid of Research Winner (**Awarded, \$800**)
- 2002 Ten-Week Graduate Smithsonian Institution Fellowship, National Museum of Natural History (**Awarded, \$6,500**)
- 2002 CSULA Office of Graduate Studies and Research Travel Grant (**Awarded, \$500**)

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### AWARDS

- 2018 OpEd Project Fellowship Travel Scholarship (\$400)
- 2017 Elsevier New Scholars Program Award for travel costs to the Workshop for Women Biological Anthropologists at Santa Clara University, San Jose, CA (\$115)
- 2014 Faculty Development Committee Travel Award (York College) (\$1,400)
- 2013 Manning Dissertation Award for Outstanding Doctoral Dissertation in Anthropology at UNC (\$100)
- 2012 Advances in Interdisciplinary Statistics and Combinatorics – Runner-Up, Best Paper in Graduate Student category (\$150)
- 2012 National Science Foundation Young Researcher Travel Award for presentation at the International Conference on Advances in Interdisciplinary Statistics and Combinatorics (\$500)
- 2010 Office of Undergraduate Research – UNC Graduate Mentor Award (\$500)
- 2003 CSULA College of Natural and Social Sciences WAGS/UMI Distinguished Master's Thesis
- 2003 Alumni Certificate of Honor at CSULA

### FIELD EXPERIENCE

Experimental Archaeology Motion Capture Recording & Ethnography, La Paz, Bolivia and surrounding area (June-September 2019)

Experimental Archaeology Motion Capture Recording & Ethnography, La Paz, Bolivia and surrounding area (July-September 2018)

Human Osteologist, Programa de Investigación Arqueológica Colesuyo, Museo Contisuyo, Moquegua, Peru – Ongoing lab analysis (July-August 2017)

Human Osteologist, Programa de Investigación Arqueológica Colesuyo, Museo Contisuyo, Moquegua, Peru – Ongoing lab analysis (June-August 2016)

Human Osteologist, Proyecto de Investigación, Un Enfoque Bioarqueológico y Biogeoquímico en la Niñez de Tiwanaku, Centro de Investigaciones Arqueológicas, Antropológicas y Administración de Tiwanaku (CIAAAT) Tiahuanaco, Bolivia – Ongoing lab analysis (June-August 2015)

Human Osteologist, Proyecto de Investigación, Un Enfoque Bioarqueológico y Biogeoquímico en la Niñez de Tiwanaku, Centro de Investigaciones Arqueológicas, Antropológicas y Administración de Tiwanaku (CIAAAT) Tiahuanaco, Bolivia – Ongoing lab analysis (November 2015)

Crew Chief and Project Bioarchaeologist, PIARA/PIBRA (Proyecto de Investigación Arqueológico/ Bioarqueológico Regional Ancash) Project, Hualcayán, Ancash Region, Peru – Ongoing field and tomb excavations (May-July 2013)

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Survey and Excavation (volunteer), Catawba Project, Rock Hill, South Carolina – Ongoing survey, primary excavation, and recovery project (May 2011)

NSF Doctoral Research, Museo Contisuyo, Moquegua, Peru and in Tiwanaku, Bolivia – Second phase of PhD fieldwork (May-August 2010)

UNC Off-Campus Dissertation Fellow, Museo Contisuyo, Moquegua, Peru and in Tiwanaku, Bolivia – First phase of PhD fieldwork (July-December 2008)

Human Osteologist, Proyecto J'acha Marka, Tiwanaku, Bolivia – Assisted in field excavations and laboratory analysis of human skeletal remains from the Mollo Kontu area (June-July 2007)

Moche Field School Laboratory Director, UNC Archaeological Field School, Huanchaco, Peru – established laboratory protocol, instructed and supervised 17 undergraduate students in lab methods including cleaning and sorting artifacts, organized recently and previously excavated artifacts (June-August 2006)

Human Osteologist, San José de Moro Archaeology Project, Peru – Assisted in field excavations and laboratory analysis of human skeletal remains (May-August 2004)

Smithsonian Institution Graduate Fellow, National Museum Natural History, Washington, D.C. – MA fieldwork (June-August 2002)

Forensic Anthropology Volunteer, Los Angeles County, CA Coroner's Office – Primary and/or secondary field search and recovery of human remains (2001-2003)

Forensic Anthropology Volunteer, San Bernardino County, CA Coroner's Office – Secondary field search and recovery of human remains (2001)

CRM Laboratory Technician, Archaeological Consulting Services, Tempe, AZ – washed, cleaned, and organized ceramic and lithic artifacts (1997-1998)

### **TEACHING EXPERIENCE**

**Introductory Courses Taught:** Physical/Biological Anthropology; Archaeology; Cultural Anthropology; Four-Field Anthropology; North American Indians

**Advanced Courses Taught:** Anthropology and Medicine; Bioarchaeology; Biological Anthropology Methods; Biological Approaches to Medical Anthropology; Food and Culture; Forensic Anthropology; Human Osteology; Peopling of the New World

**Graduate Seminars Taught:** Andean Bioarchaeology; Paleopathology; Proposal Writing and Publishing in Bioarchaeology and Archaeology; Social Bioarchaeology

### **STUDENT MENTORING**

**Dissertation Chair:**

## SARA K. BECKER

- Sarah Coon – Pursuing a PhD in Anthropology (Bioarchaeology), Department of Anthropology, University of California, Riverside (began Fall 2022)
- Juan Chávez Quispe – Pursuing a PhD in Anthropology (Bioarchaeology), Department of Anthropology, University of California, Riverside (began Fall 2019, ABD 2022)
- Genesis Torres Morales – Currently ABD, pursuing a PhD in Anthropology (Bioarchaeology), Department of Anthropology, University of California, Riverside (began Fall 2017, ABD 2020)
- Amaretta Azevedo – Pursuing a PhD in Anthropology (Bioarchaeology), Department of Anthropology, University of California, Riverside (began Fall 2016)

### **Current Dissertation Committee Member:**

- Julianna Santillan Goode – Pursuing a PhD in Anthropology (Archaeology & Bioarchaeology), Department of Anthropology, University of California, San Diego (began on committee Winter 2020)
- Leslie Perkins – Pursuing a PhD in Anthropology (Archaeology & Bioarchaeology), Department of Anthropology, University of California, Riverside (began on committee Winter 2017)
- Karimah Richardson – Pursuing a PhD in Anthropology (Bioarchaeology), Department of Anthropology, University of California, Riverside (began on committee Fall 2015)

### **Outside Dissertation Committee Member (Written and/or Oral Exam):**

- Marina Vollin - Pursuing a PhD in the Department of Evolution, Ecology, and Organismal Biology, University of California, Riverside (written and oral exam Spring 2022)
- Sam Kubica - Pursuing a PhD in the Department of Evolution, Ecology, and Organismal Biology, University of California, Riverside (written and oral exam Spring 2021)
- Alberto Castro - Pursuing a PhD in the Department of Evolution, Ecology, and Organismal Biology, University of California, Riverside (written and oral exam Winter 2019)
- Patrick Rohrer – Pursuing a PhD in the Department of Anthropology, University of California, Riverside (oral exam completed Fall 2018)
- Emily Naylor – Pursuing a PhD in the Department of Evolution, Ecology, and Organismal Biology, University of California, Riverside (written and oral exam completed Spring 2018)

### **Former Dissertation Chair/Committee Member:**

- Brianna Herndon - Recipient of the National Science Foundation Graduate Research Fellowship Program (NSF GRFP 2016-2021), pursuing a PhD in Anthropology (Bioarchaeology), Department of Anthropology, University of California, Riverside (2016-2020)
- Shaina Molano – Pursuing a PhD in Anthropology (Bioarchaeology), Department of World Cultures, University of California, Merced (2015-2020)

### **Group Mentoring:**

PIARA/PIBRA – Mentored 15 students on independent study projects in Hualcayán, Ancash Region, Peru (Summer 2013)

Advanced Age and Sex Estimation course (with D. Hutchinson), including supervised data collection at the National Museum of Natural History (Spring 2010)

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### **Academic Advising:**

York College of Pennsylvania – Academic advisor for 30 undergraduate students in the Behavioral Science major (2013-2015)

Academic Advisor for Undergraduate Undeclared Majors, CSULA (2002-2003)

### **SERVICE TO THE DISCIPLINE**

- 2022-Present Treasurer for the Institute of Andean Studies – handle membership & conference dues, finances, investments, financial planning for the future,
- 2021-Present Committee Member, Society for American Archaeology, Committee on the Status of Women in Archaeology (COSWA)
- 2015-Present Peer Reviewer for International Journal of Osteoarchaeology; Bioarchaeology International; International Journal of Paleopathology; Journal of Archaeological Science: Reports; Journal of Human Biology
- 2017-2021 Committee Member, Society for American Archaeology, IFR Undergraduate Student Awards Committee
- 2019-2020 Committee member, Society for American Archaeology – Annual meeting in Austin, TX – Program Organization
- 2014-2015 Peer Reviewer for NSF Biological Anthropology Grants (Doctoral Dissertation Improvement Grants and Senior-level Grants)
- 2013-2014 Peer Reviewer for Latin American Antiquity; International Journal of Osteoarchaeology; International Journal of Paleopathology; PLOS ONE
- 2005-2006 Co-Chair of the Student Action Committee (Paleopathology Association)
- 2002-2005 Student Concerns Committee Representative (Paleopathology Association)
- 2002-2003 Student Volunteer, Paleopathology Association Meeting
- 2001 Student Volunteer Coordinator, Paleopathology Association
- 2001-2002 Co-President of the CSULA Anthropology Society

### **UNIVERSITY SERVICE**

#### **UCR University-wide:**

- 2017-2022 UCR Senate Committee on Scholarships and Honors
- 2016-2019 Ad Hoc UCR Native American Graves Protection and Repatriation Act (NAGPRA) Committee – working with the University on issues of repatriation of human skeletal remains

#### **UCR Department:**

- 2023-2025 Affirmative Action Officer, Job Search Committee – Tenure-Track Chair of the Department of Anthropology position, open subfield
- Fall 2022 Graduate Committee Member, Department of Anthropology – working on graduate curriculum and the advancement of graduate students within the department
- 2021-2022 Graduate Advisor, Department of Anthropology
- 2021-2022 Graduate Committee Chair, Department of Anthropology
- 2021-2022 Graduate Program External Review Committee Chair (Ad Hoc) – working on our formal external Graduate Program review

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- 2021-2022 Coordinating Committee – reporting to the Department Chair to help co-manage governance in our department
- 2020-2021 Graduate Committee, Department of Anthropology – working on graduate curriculum and the advancement of graduate students within the department
- 2019-2021 Affirmative Action Officer, Job Search Committee – Temporary Lecturers
- 2019-2020 Graduate Committee, Department of Anthropology – working on graduate curriculum and the advancement of graduate students within the department
- Helped re-write and re-organize the Graduate Handbook
  - Helped re-organize how we evaluate our graduate students
- 2019 Promotional Activities Committee, Department of Anthropology – inviting and organizing speakers, working on Department public outreach including the Department website
- 2018-2019 Chair, Job Search Committee – Tenure-Track Biological Anthropologist position
- 2017-2018 Job Search Committee – Tenure-Track Human Biological Anthropologist position
- 2017-2018 Graduate Committee, Department of Anthropology – working on graduate curriculum and the advancement of graduate students within the department
- Re-wrote and organized the department website for incoming PhD applicants and current UCR Anthropology graduate students – Spring 2018
- 2016-2017 Chair, Promotional Activities Committee, Department of Anthropology – inviting and organizing speakers, working on Department public outreach including the Department website
- 2016-2017 Affirmative Action Officer, Job Search Committee – Tenure-Track Cultural Medical Anthropologist position
- Fall 2016 Graduate Committee, Department of Anthropology – working on graduate curriculum and the advancement of graduate students within the department
- 2015-2016 Job Search Committee – Tenure-Track Lecturer with the Potential for Security of Employment position
- Spring 2016 Graduate Student Workshop Series on the Job Hunt – lead and organized the second workshop on “Application Materials”
- Winter 2016 Strategic Department Plan Committee, Department of Anthropology
- Fall 2016 Co-organized a Graduate Student Workshop – “Tips & Tricks for Anthropology Fieldwork Grants”
- 2015-2016 Undergraduate Committee, Department of Anthropology – worked on modifying, simplifying, and streamlining undergraduate curriculum within the department, grant writing for funds to improve undergraduate teaching facilities

### York College:

- 2014-2015 Faculty mentor to the STEM Student Learning Community
- 2014-2015 Exploring the Experience of STEM Students Committee
- 2014-2015 Friends of Camp Security: A Revolutionary War Era Prison Camp (1781-1783) – York College Representative, sponsoring an archaeological field school
- 2013-2015 Cultural Affairs Committee
- 2013-2015 Employee Wellness Program Committee
- 2014-2015 Middle States Review Subcommittee – Standard 2: Planning, Resource Allocation, and Institutional Renewal
- 2014-2015 Student Observation/Evaluation Subcommittee

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- Fall 2014 New Student Orientation – “Meet a Professor” and “Walk to York City”  
Spring 2014 Accepted Student Day – Department representative  
Spring 2014 Judge for Greek Week talent competition  
Fall 2013 Majors Fair – Department representative  
2013-2015 Organized an Invited Speaker Presentation as part of the Cultural Series at York College: James Starrs, professor of Forensic Sciences and Law at George Washington University  
2013-2014 Job Search Committee – Human Services Tenure-track position

### UNC:

- 2013 Guide to Graduate Studies, Anthropology Contributor  
2010-2011 Graduate Student Admissions Committee  
2010-2011 Graduate Studies Committee  
2010, 2011 How to Obtain Graduate Funding, Invited Panel Member (UNC Graduate School)  
2007-2008 Job Search Committee - Biomedical Anthropologist Tenure-track position  
2007 Wrote the Mission Statement for the UNC Society for Anthropology Students

### PUBLIC OUTREACH / PRESS

- 2020 AnthroBiology Podcast interviewed me and featured my research in the episode, “Dr. Sara Becker – Bioarchaeology – May 13, 2020.”  
<https://play.google.com/music/listen?u=0#/ps/Ioqtgg4umbgbox6bki4ubvre2hu>  
<https://podcasts.apple.com/us/podcast/anthrobiology-podcast/id1493360298>
- 2020 Designed and implemented a display in Watkins Hall (location of UCR’s Anthropology Department) on biological anthropology, human osteology, and 3D printing
- 2019 Re-interviewed as an Expert on Demand by Nsikan Akpan from PBS Newshour, addressing a correction to an article that came out in Nature -  
<https://www.pbs.org/newshour/science/science-journal-walks-back-claim-that-smartphones-make-millennials-grow-horns>
- 2019 Interviewed as an Expert on Demand by Kristina Killgrove from Forbes for the article, “Babies In Ancient Ecuador Were Buried With Human Skull Helmets”  
<https://www.forbes.com/sites/kristinakillgrove/2019/11/13/babies-in-ancient-ecuador-were-buried-with-human-skull-helmets>
- 2019 National Geographic - recorded and submitted a short, 3-5 minute video about prior research problems to be used in a National Geographic Explorers teaching module about ethics, anti-corruption, harassment, and data protection training for Explorers.
- 2019 UCR Today - Was interviewed and photographed with my cats for the UCR Magazine article "Animal Influencers of UCR" - <https://magazine.ucr.edu/animal-influencer>
- 2019 ASU Now at Arizona State University interviewed me and featured my motion capture research as an alumna of ASU <https://asunow.asu.edu/20190708-discoveries-21st-century-tech-reveals-mysteries>
- 2019 Interviewed as an Expert on Demand by Nsikan Akpan from PBS Newshour for the article “Smartphones aren’t making millennials grow horns. Here’s how to

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- spot a bad study” <https://www.pbs.org/newshour/science/smartphones-arent-making-millennials-horns-heres-how-to-spot-a-bad-study>
- 2019 Interviewed as an Expert on Demand by Kristina Killgrove from Forbes for the article, “No, Your Kids' Evil Cellphone Won't Give Them Horns” <https://www.forbes.com/sites/kristinakillgrove/2019/06/20/no-your-kids-evil-cell-phone-wont-give-them-horns>
- 2019 Interviewed as an Expert on Demand by Kristina Killgrove from Forbes for the article, “This Woman From Medieval Iceland Lived With A Disfiguring Facial Anomaly” <https://www.forbes.com/sites/kristinakillgrove/2019/04/30/this-woman-from-medieval-iceland-lived-with-a-disfiguring-facial-anomaly>
- 2018 Motion capture research covered by SyFy Wire online <http://www.syfy.com/syfywire/motion-capture-being-used-for-bioarchaeology>
- 2018 UCR Media Relations for UCR Today and Press Release over motion capture research <https://ucrtoday.ucr.edu/53725>
- 2018 Interviewed as an Expert on Demand by the Big Bear Grizzly Newspaper about an ultra-marathon winner and the endurance of the human body
- 2017 Anthropologist on the Street podcast interviewed me and featured my research – Episode 7: <https://anthropologistonthestreet.com/2017/08/21/episode-7-ancient-bones-peaceful-coexistence-with-dr-sara-k-becker/>
- 2017 Forbes featured my research presented at the American Association of Physical Anthropologists conference in the article, “In Ancient Peru, Archaeologists Find Rare Spinal Possible Inbreeding” <https://www.forbes.com/sites/kristinakillgrove/2017/04/27/in-ancient-peru-archaeologists-find-rare-spinal-condition-and-possible-inbreeding>
- 2016 Spoke with Dr. Allison Davis, Cultural Heritage Researcher at the U.S. Department of State Cultural Property Advisory Committee about bilateral cultural property agreement between the U.S. and Bolivia, went on record for the State Department as part of the Memorandum of Understanding (MOU - Docket DOS-2016-0008)
- 2015 Forbes featured my journal article from Latin American Antiquity in the article “Gruesome Evidence Of Political Torture Found On Precolumbian Skulls” <https://www.forbes.com/sites/kristinakillgrove/2015/05/17/gruesome-evidence-of-political-torture-found-on-precolumbian-skulls>
- 2015 Interviewed for UCR Highlander Newspaper <https://highlandernews.org/18919/ucr-bioarchaeologist-finds-evidence-of-torture-in-pre-columbian-skulls/>
- 2016 Interviewed by Jörn Auf dem Kampe, writer for GEO magazine about activity in the past
- 2014 Invited Speaker, *Labor and Bioarchaeology in the Past*, LIVE! Lecture series at the Residential Living Facility, the Village at Kelly Drive
- 2013-2014 “Letters to a Pre-Scientist” Pen Pal Program, exchanging letters with an elementary school student from Chicago, IL - <http://www.prescientist.org>
- 2009 Invited Speaker, *How Anthropologists Use Math*, Cabrillo High School, Lompoc, CA
- 2006-2011 Volunteer for North Carolina Archaeology Day (yearly)

## **SARA K. BECKER**

2007 Interviewed and appeared in the Discovery Channel television program “Bone Detectives,” Episode: *Mystery of the Abandoned Child*; aired January 2008

### **LANGUAGES STUDIED/SPOKEN (ABILITY LEVEL)**

Spanish (Con conversationally Fluent, Reading Competent, and Technically Proficient)

German (Con conversationally Fluent, Reading Competent)

French (Elementary, Reading Competent)

Aymara (Beginner)

### **SPECIAL TECHNICAL SKILLS**

Expert User MS Office Suite; Programming languages: HTML, XML, KML; Proficient User - Adobe Photoshop; Statistical expertise in SAS statistical software package

### **ORGANIZATION MEMBER**

- American Association of Physical Anthropologists (AAPA)
- American Association of University Women (AAUW)
- Graduate Women in Science (GWIS), Rho Tau Chapter
- Institute of Andean Studies – elected, Active member
- Paleopathology Association (PPA)
- Sigma Xi, The Scientific Research Society
- Sociedad de Arqueología de La Paz/Archaeology Society of La Paz (SALP)
- Society for American Archaeology (SAA)
- UCR Women’s Faculty Association
- Western Bioarchaeology Group (WeBiG)