

Curriculum Vitae of  
**Juliet K. Brophy**

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Department of Geography and Anthropology  
E105 Howe-Russell-Kniffen Geoscience Complex  
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Evolutionary Sciences Institute  
University of the Witwatersrand  
Johannesburg, 2050  
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**EDUCATION**

- 2011            Doctoral Dissertation, Biological Anthropology. Texas A&M University, College Station.  
Dissertation title: *Reconstructing the habitat mosaic associated with Australopithecus robustus: evidence from quantitative morphological analysis of bovid teeth*. Advisor: Darryl de Ruiter
- 2004            Master of Arts, Concentration in Anthropology. University of Tennessee, Knoxville.  
Advisor: Andrew Kramer
- 2002            Bachelor of Science, Biological Anthropology and Bachelor of Arts, Latin Literature. University of Michigan, Ann Arbor.

**RESEARCH INTERESTS**

Craniodental morphometric analysis  
Hominin Evolution  
Zooarchaeology and taphonomy

**ACADEMIC POSITIONS**

- 2015-           **Assistant Professor**, Louisiana State University, Baton Rouge, Louisiana  
2011- 2015     **Lecturer**, Loyola University Chicago, Chicago, Illinois  
2010-           **Research Associate**, Evolutionary Sciences Institute, University of the Witwatersrand  
2005-2010     **Graduate Instructor**, Texas A&M University, College Station, Texas  
2002-2003     **Graduate Instructor**, University of Tennessee, Knoxville, Tennessee

**RESEARCH POSITIONS**

- 2014-           **Rising Star Researcher**, Centre of Excellence in PalaeoSciences and the Evolutionary Sciences Institute, University of Witwatersrand, Johannesburg, South Africa
- 2012-2020     **Honorary Senior Research Fellow**, Evolutionary Sciences Institute, University of Witwatersrand, Johannesburg, South Africa
- 2012-           **Malapa Research Project**, Director of Bovid Studies, Evolutionary Sciences Institute, University of Witwatersrand, Johannesburg, South Africa
- 2010-2012     **Malapa Research Project**, Research Assistant, Evolutionary Sciences Institute, University of Witwatersrand, Johannesburg, South Africa
- 2010-2014     **Research Affiliate**, Field Museum, Chicago, Illinois.
- 2008-2012     **Field Supervisor**, Mimosa Pleistocene fossil locality, Free State, South Africa
- 2007-2013     **Field Supervisor**, Matjhabeng Pliocene fossil locality, Free State, South Africa
- 2006            **Graduate Research Assistant**, Assisted a faunal specialist in South Africa
- 2003-2004     **Graduate Research Assistant**, University of Tennessee, Knoxville, Tennessee
- 2003-2004     **Paleoanthropology Field School Graduate Teaching Assistant**, Plovers Lake Cave, South Africa. Duke University/ University of Witwatersrand Field School

2000 **Archeological Field School Teaching Assistant**, Belize, Central America. College of Lake County Field School

### PEER REVIEWED PUBLICATIONS

**Brophy, J.K.**, Elliot, M., Delezene, L.K., Berger, L.R. 2019. Dental remains from Dinaledi Chamber of the Rising Star Cave System (2013-2014 excavations): Excavation, catalogue, spatial associations, and morphological identifications. *In prep*

Delezene, L.K., Skinner, M.W., **Brophy, J.K.**, Bailey, S., Irish, J.D., Berger, L.R. 2019. Dental remains of *Homo naledi* from the 2013–2015 excavations of the Dinaledi Chamber, Site U.W. 101, within Rising Star Cave, South Africa. *Journal of Human Evolution*. *In prep- completed manuscript*

de Ruiter, D.J., **Brophy, J.K.**, van der Merwe, R., Smilg, J.S., Churchill, S.E., Berger, L.R. New Mandibular Fragment of the Holotype Specimen of *Australopithecus sediba*. *Journal of Human Evolution*. *In prep- completed manuscript*

**Brophy, J.K.**, Matthews, G.J., Thiruvathukal, G.K. 2018. An analysis on the effect of wear on bovid tooth identification. *South African Journal of Science*. *Revise and Resubmit*

**Brophy, J.K.**, Moggi-Cecchi, J., Matthews, G. J., Bailey, S. E. 2018. Comparative morphometric analyses of the deciduous teeth of *Homo naledi*. *Journal of Human Evolution*. *Revise and Resubmit*

Bailey, S. E., **Brophy, J.K.**, Moggi-Cecchi, J. 2018. The deciduous dentition of *Homo naledi*: A comparative study. *Journal of Human Evolution*. *Resubmitted*

L'Engle Williams, F., **Brophy, J. K.**, Matthews, G. J., Hart, E., Marie-Antoinette, M.-A., Becam, G. 2018. Comparison of crown shapes of Neandertal mandibular molars from Hortus cave using elliptical Fourier analysis. *Bulletins et Mémoires de la Société d'Anthropologie de Paris*. *In press*.

de Ruiter, D.J., Laird, M.F., Elliott, M., Schmid, P., **Brophy, J.K.**, Hawks, J., Berger, L.R. *Homo naledi* cranial remains from the Lesedi Chamber of the Rising Star Cave System, South Africa. 2018. *Journal of Human Evolution*. *In press*.

**Brophy, J.K.**, Irish, J.D., Churchill, S.E., de Ruiter, D.J., Berger, L.R. 2018. A comparison of hominin teeth from Lincoln Cave, Sterkfontein L/63, and the Dinaledi Chamber, South Africa. *South African Journal of Science*. *In press*.

de Ruiter, D.J., Carlson, K.B., **Brophy, J.K.**, Churchill, S.E., Carlson, K.J., Berger, L.R. 2018. The skull of *Australopithecus sediba*. *PaleoAnthropology*. Special Issue: 56–155.  
doi:10.4207/PA.2018.ART112

Lazagabaster, I.A., **Brophy, J.K.**, Sanisidro, O., Pineda-Munoz, S., Berger, L.R. 2018. A new cranium of *Metridiochoerus* (Suidae, Artiodactyla) from Malapa, South Africa. *Journal of African Earth Sciences*. 145, 49-52.

Matthews, G.J., **Brophy, J.K.**, Luetkemeier, M.P., Gu, H., Thiruvathukal, G.K. 2018. Classification of Bovid Teeth: a comparison of machine learning techniques for taxonomic classification of teeth from the Family Bovidae. *J. Applied Statistics*. 1-15.

Matthews, G.J., Thiruvathukal, G.K., Luetkemeier, M.P., **Brophy, J.K.** 2017. Examining the use of Amazon's Mechanical Turk for edge extraction of the occlusal surface of fossilized bovid teeth. *Plos One* 12(7): e0179757.

Hawks, J., Elliott, M., Schmid, P., Churchill, S.E., de Ruiter, D.J., Garvin, H.M., Williams, S.A., Delezene, L.K., Feuerriegel, E.M., Kivell, T.L., Laird, M.F., Tawane, G., DeSilva, J.M., Bailey, S.E., **Brophy, J.K.**, Meyer, M.R., Skinner, M.M., Tocheri, M.W., VanSickle, C., Walker, C.S., Berger, L.R. New fossil remains of *Homo naledi* from the Lesedi Chamber, South Africa. 2017. eLife, 24232.

Dembo, M., Radovicic, D., Garvin, H.M., Laird, M.F., Schroeder, L., Scott, J.E., **Brophy, J.K.**, Ackermann, R.R., Musiba, C.M., de Ruiter, D.J., Moores, A.Ø., Collard, M., 2016. The evolutionary relationships and age of *Homo naledi*: an assessment using dated Bayesian phylogenetic methods. *Journal of Human Evolution* 97, 17–26.

**Brophy, J.K.**, de Ruiter, D.J., Fortelius, M., Bamford, M., Berger, L.R. 2016. Pleistocene Bovidae (Mammalia) from Malapa, Gauteng Province, South Africa. *Palaeontologia Electronica* 19(2): 1-22.

Berger, L.R., Hawks, J., de Ruiter, D.J., Churchill, S.E., Schmid, P., Delezene, L.K., Kivell, T.L., Garvin, H.M., Williams, S.A., DeSilva, J.M., Skinner, M.M., Harcourt-Smith, W.E.H., Ackermann, R.R., Bastir, M., Bogin, B., Bolter, D., **Brophy, J.**, Cofran, Z.D., Congdon, K.A., Deane, A.S., Dembo, M., Drapeau, M., Elliot, M.C., Feuerriegel, E.M., Garcia-Martinez, D., Green, D.J., Gurtov, A., Irish, J.D., Kruger, A., Laird, M.F., Marchi, D., Meyer, M.R., Nalla, S., Negash, E.W., Orr, C.M., Radovicic, D., Schroeder, L., Scott, J.E., Throckmorton, A., Tocheri, M.W., VanSickle, C., Walker, C.S., Wei, P., Zipfel, B. 2015. *Homo naledi*, a new species of the genus *Homo* from the Dinaledi Chamber, South Africa. *eLife* 4, e09560.

**Brophy, J.K.**, de Ruiter, D.J., Athreya, S., DeWitt, T.J. 2014. Quantitative morphological analysis of bovid teeth and its implications for paleoenvironmental reconstructions in South Africa. *Journal of Archaeological Science* 41:376-388.

de Ruiter, D.J., DeWitt, T.J., Carlson, K.B., **Brophy, J.K.**, Schroeder, L., Ackermann, R.R., Churchill, S.E., Berger, L.R. 2013. Mandibular remains support taxonomic validity of *Australopithecus sediba*. *Science* 340.6129.

**Brophy, J.K.**, Crisman, K. 2013. A taphonomic analysis of three pork barrels from the steamboat *Heroine*. *Historical Archaeology* 47(4): 71-85.

de Ruiter, D.J., Churchill, S.E., **Brophy, J.K.**, Berger, L.R. 2011. Regional Survey of Middle Stone Age Fossil Vertebrate Deposits in the Virginia-Theunissen area of the Free State, South Africa. *Navorsing van die Nasionale Museum Bloemfontein* 27: 1-20.

de Ruiter, D.J., **Brophy, J.K.**, Lewis, P.J., Kennedy, A.M., Stidham, T.A., Carlson, K.B., Hancox, P.J. 2010. Preliminary investigation of Matjhabeng, a Pliocene fossil locality in the Free State of South Africa. *Palaeontologia Africana* 45:11-22.

de Ruiter, D.J., **Brophy, J.K.**, Lewis, P.J., Churchill, S.E., Berger, L.R. 2008. Faunal assemblage composition and paleoenvironment of Plovers Lake, a Middle Stone Age locality in Gauteng Province, South Africa. *Journal of Human Evolution* 55:1102-1117.

**Brophy, J.K.**, de Ruiter, D.J., Lewis, P.J., Churchill, S.E., Berger, L.R. 2006. Preliminary Investigation of the New Middle Stone Age Site of Plovers Lake, South Africa. *Current Research in the Pleistocene* 23:41-43.

#### PUBLISHED ABSTRACTS AND PAPERS PRESENTED

**Brophy, J.K.**, de Ruiter, D.J., Bailey, S.E., van der Merwe, R., Matthews, G.J., Berger, L.R. 2018. New craniodental remains of the type specimen of *Australopithecus sediba* and a morphological assessment of the mandibular third premolars. Poster Demonstration, European Society for the Study of Human Evolution, Faro, Portugal, 13-15 September 2018. [https://www.eshe.eu/static/eshe/files/PESHE/PESHE\\_Online\\_2018.pdf](https://www.eshe.eu/static/eshe/files/PESHE/PESHE_Online_2018.pdf)

de Ruiter, D.J., **Brophy, J.K.** Van der Merwe, R., Smilg, J.S., Churchill, S.E. and Berger, L.R. 2018. Poster presented at the 87<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Austin, TX, April 11-14, 2018. Abstract in American Journal of Physical Anthropology Supplement. 165:65-66.

**Brophy, J.K.** and de Ruiter, D.J. 2018. Investigating molar crown shape variation of australopithecines at Sterkfontein and Makapansgat, South Africa. Poster presented at the 87<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Austin, TX, April 11-14, 2018. Abstract in American Journal of Physical Anthropology Supplement. 165:36-37.

**Brophy, J. K.**, Bailey, S. E., Moggi-Cecchi, J., Delezene, L. K. 2017 Crown shape and relative cusp analyses of *Homo naledi* deciduous molar teeth from Dinaledi Chamber, Rising Star cave system, South Africa. Poster Demonstration, European Society for the Study of Human Evolution, Leiden, Netherlands, 20-24 September 2017. [https://www.eshe.eu/static/eshe/files/PESHE/PESHE\\_2017\\_FINAL.pdf](https://www.eshe.eu/static/eshe/files/PESHE/PESHE_2017_FINAL.pdf)

**Brophy, J.K.**, Bailey, S.E., Moggi-Cecchi, J., Delezene, L.K., Skinner, M., de Ruiter, D.J. 2017. A morphometric analysis of *Homo naledi* teeth from Dinaledi Chamber, Rising Star cave system, South Africa. Paper presented at the 86<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, New Orleans, LA, April 19-22, 2017. Abstract in American Journal of Physical Anthropology Supplement. 162:130.

Delezene, L.K., Irish, J.D., Skinner, M.W., **Brophy, J.K.**, Hawks, J., Berger, L.R. 2017. Metric variation in *Homo naledi* molars. Paper presented at the 86<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, New Orleans, LA, April 19-22, 2017. Abstract in American Journal of Physical Anthropology Supplement. 162:160.

Williams, F., **Brophy, J.K.** 2017. Comparison of Neandertal Mandibular First Molar Occlusal outlines using Elliptical Fourier Function Analysis. Poster presented at the 86<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, New Orleans, LA, April 19-22, 2017. Abstract in American Journal of Physical Anthropology Supplement. 162:260.

**Brophy, J.K.**, Delezene, L.K., Gurtov, A.N., Hawks, J., Irish, J.D., Berger, L.R., de Ruiter, D.J. A morphometric examination of *Homo naledi* teeth from Dinaledi Chamber, Rising Star cave system, South Africa. Paper presented at the 85<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Atlanta, GA, April 13-16, 2016. Abstract in American Journal of Physical Anthropology Supplement 159: 58.

Delezene, L.K , **Brophy, J.K.**, Skinner, M.M., Gurtov, A.N., Hawks, J., Irish, J.D., Berger, L.R., de Ruiter, D.J. Metric and nonmetric features of the Homo naledi dentition. 2016. Paper presented at the 85<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Atlanta, GA, April 13-16, 2016. Abstract in American Journal of Physical Anthropology Supplement. 159: 46.

de Ruiter, D. J., L. R. Berger , J. Hawks, S. E. Churchill, P. Schmid, L. K Delezene, T. L. Kivell, H. M. Garvin, S. A. Williams, J. M. DeSilva, M. M. Skinner, C. M. Musiba, N. Cameron, T. W. Holliday, W. Harcourt-Smith, R. R. Ackermann, M. Bastir, B. Bogin, D. Bolter, J. K. **Brophy**, Z. D. Cofran, K. A. Congdon, A. S. Deane, M. Dembo, M. Drapeau, M. C. Elliot, E. M. Feuerriegel, D. Garcia-Martinez, D. J. Green, A. Gurtov, J. D. Irish, A. Kruger, M. F. Laird, D. Marchi, M. R. Meyer, S. Nalla, E. W. Negash, C. M. Orr, D. Radovic, L. Schroeder, J. E. Scott, Z. Throckmorton, M. W. Tocheri, C. VanSickle, C. S. Walker, P. Wei and B. Zipfel. *Homo naledi*: A new species of hominin from the Dinaledi Chamber, South Africa. Paleoanthropology Society Meetings, Atlanta, GA, April 12-13 2016.

**Brophy, J.K.**, de Ruiter, D.J., Berger, L.R., Schmid, P., Churchill, S.E. 2015. Morphometric analyses of maxillary and mandibular first molars of Pleistocene hominins. Paper presented at the 84<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 25-29, 2015. Abstract in American Journal of Physical Anthropology Supplement. 156:94.

de Ruiter, D.J., Carlson, K.B., Carlson, K.J., McNulty, K.P., **Brophy, J.K.**, Berger, L.R. 2014. Further insights into the skull of *Australopithecus sediba*. Poster presented at the 83<sup>rd</sup> annual meeting of the American Association of Physical Anthropologists, Calgary, Canada, 8-12 April 2014. Abstract in American Journal of Physical Anthropology Supplement. 153:103.

**Brophy, J.K.**, de Ruiter, D.J. 2014. Identifying trends in the environmental heterogeneity at *Australopithecus robustus* sites. Podium presented at the 83<sup>rd</sup> annual meeting of the American Association of Physical Anthropologists, Calgary, Canada, 8-12 April 2014. Abstract in American Journal of Physical Anthropology Supplement 153:85.

**Brophy, J.K.**, Randolph-Quinney, P., Berger, L.R. 2014. A taphonomic assessment of the bovids from Malapa, South Africa, and its implications for the accumulation of *Australopithecus sediba* fossils. Poster presented at the Annual Meeting of the Paleoanthropology Society, Calgary, Canada, 7-8 April 2014. Abstract on *Paleoanthropology Society* website:  
[http://paleoanthro.reedd.webfactional.com/static/Paleoabstracts\\_2014\\_mtg\\_version.pdf](http://paleoanthro.reedd.webfactional.com/static/Paleoabstracts_2014_mtg_version.pdf)

Randolph-Quinney, P., Pokines, J., Symes, S.A., L'Abbé, E.N., Backwell, L., **Brophy, J.K.**, Parkinson, A., Val, A., Berger, L.R. 2014. The Prodigal Child returns: the application of forensic taphonomic analyses to palaeoanthropological assemblages – case examples from the Malapa hominin deposit. Poster presentation accepted for the 66<sup>th</sup> annual meeting of the American Academy of Forensic Sciences, Seattle, WA, 17-22 February 2014.

**Brophy, J.K.**, de Ruiter, D.J., Berger, L.R. 2013. Analysis of bovid remains from Malapa, South Africa and implications for the paleoenvironment of *Australopithecus sediba*. Poster presented at the 82<sup>nd</sup> annual meeting of the American Association of Physical Anthropologists, Knoxville, TN, 9-13 April 2013. Abstract in *American Journal of Physical Anthropology* Supplement. 150:89.

**Brophy, J.K.** 2012. A reconstruction of the habitat mosaic associated with *Australopithecus robustus*. Poster presented at the Annual Meeting of the Paleoanthropology Society, Memphis, TN, 17-18 April 2012. Abstract on *Paleoanthropology Society* website:  
[http://www.paleoanthro.org/static/pdfs/Abstracts\\_2012.pdf](http://www.paleoanthro.org/static/pdfs/Abstracts_2012.pdf)

**Brophy, J.K.** 2012. Reconstructing the habitat mosaic associated with *Australopithecus robustus*. Paper presented at the 81<sup>st</sup> annual of the American Association of Physical Anthropologists, Portland, OR, 11-14 April 2012. Abstract in *American Journal of Physical Anthropology* Supplement 147.

**Brophy, J.K.**, de Ruiter, D.J., Churchill, S.E., Schmid, P., Berger, L.R. 2011. An examination of hominin tooth morphology using EFFA. Poster presented at Paleoanthropology Society meeting, Minneapolis, MN, 12-13 April 2011. Abstract on *Paleoanthropology Society* website: [http://www.paleoanthro.org/static/pdfs/psoc\\_2011\\_fullabstracts.pdf](http://www.paleoanthro.org/static/pdfs/psoc_2011_fullabstracts.pdf)

de Ruiter, D.J., Carlson, K.B., **Brophy, J.K.**, Carlson, K.J., Churchill, S.E., Schmid, P., Kibii, J.M., Berger, L.R. 2011. Craniodental remains for *Australopithecus sediba* from Malapa, South Africa. Paper presented at the 80<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Minneapolis, MN, 13-16 April 2011. Abstract in *American Journal of Physical Anthropology* Supplement 144.

**Brophy, J.K.** 2011. The use of CT scans for quantifying bovid tooth morphology and its implications for reconstructing past hominin environments. Poster presented at the 80<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Minneapolis, MN, 13-16 April 2011. Abstract in *American Journal of Physical Anthropology* Supplement 144.

**Brophy, J.K.** 2011. An examination of three pork barrels from the steamboat *Heroine*. Paper presented at the Society for Historical Archaeology Conference, Austin, TX, 5-9 January 2011.

**Brophy, J.K.** 2010. The use of CT scans for quantifying bovid tooth morphology and its implications for reconstructing past hominin environments. Poster presented at the 4<sup>th</sup> annual Texas Association of Biological Anthropologists, Waco, TX, November 2010.

**Brophy, J.K.** 2010. The quantification of bovid tooth morphology and its implication for reconstructing past hominin environments. Poster presented at the 79<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Albuquerque, NM, 14-17 April 2010. Abstract in *American Journal of Physical Anthropology* Supplement 141.

**Brophy, J.K.** 2009. The quantification of bovid tooth morphology and its implication for reconstructing past hominin environments. Poster presented at the 3<sup>rd</sup> annual meeting of the Texas Association of Biological Anthropologists, Austin, TX, 13-14 November 2009.

**Brophy, J.K.**, de Ruiter, D.J., Brink, J. 2009. Mimosa: a new Middle Stone Age fossil locality in the Free State of South Africa. Poster presented at the 78<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Chicago, IL, 1-4 April 2009. Abstract in *American Journal of Physical Anthropology* Supplement 139.

de Ruiter, D.J., **Brophy, J.K.**, Lewis, P.J., Kennedy, A.M., Stidham, T.A., Carlson, K.B., Hancox, P.J. 2009. Preliminary investigation of Matjhabeng, a Pliocene fossil locality in the Free State of South Africa. Poster presented at the Annual Meeting of the Paleoanthropology Society, Chicago, IL, 31 March- 1 April 2009. Abstract on *Paleoanthropology Society* website: <http://www.paleoanthro.org/static/pdfs/psoc09program1.pdf>

Lewis, P.J., Kennedy, A.M., de Ruiter, D.J., **Brophy, J.K.** 2009. Preliminary analysis of the small mammal fauna from Matjhabeng, Free State, South Africa. Poster presented at the Annual Meeting of the Paleoanthropology Society, Chicago, IL, 31 March- 1 April 2009. Abstract on *Paleoanthropology Society* website: <http://www.paleoanthro.org/static/pdfs/psoc09program1.pdf>

**Brophy, J.K.**, de Ruiter, D.J., Brink, J.S. 2008. Mimosa: a new Middle Stone Age fossil locality in the Free State of South Africa. Paper presented at the 2<sup>nd</sup> annual meeting of the Texas Association of Biological Anthropologists, College Station, TX, 14-15 November 2008.

Stidham, T.A., **Brophy, J.K.** 2007. Relative dating of South African Middle Stone Age Sites (MSA) using variation in ostrich eggshell morphology. Poster presented at the 76<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Philadelphia, PA, 28-31 March 2007. Abstract in *American Journal of Physical Anthropology* Supplement 132.

**Brophy, J.K.**, de Ruiter, D.J., Churchill, S.E., Berger, L.R. 2006. Accumulating agent and paleoenvironment of the hominin-bearing site of Plovers Lake, South Africa. Paper presented at the 75<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Anchorage, AK, 7-12 March 2006. Abstract in *American Journal of Physical Anthropology* Supplement 129.

**Brophy, J.K.** 2005. Signature bone fragmentation: An actualistic study identifying bone fragments exhibiting no distinguishing marks resulting from percussion. Poster presented at the 74<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Milwaukee, WI, 6-9 April 2005. Abstract in *American Journal of Physical Anthropology* Supplement 126:79.

**Brophy, J.K.** 2005. Signature bone fragmentation: An actualistic study identifying bone fragments exhibiting no distinguishing marks resulting from percussion. Poster presented at Student Research Week, College Station, TX.

## AWARDS AND GRANTS RECEIVED

### *Field Work Grants*

- |      |  |
|------|--|
| 2018 | <b>National Science Foundation</b> , Statistical analysis of partially observed shapes in two dimensions, \$24971.00 proposed, Funded.   |
| 2018 | <b>LSU Manship Research Grant</b> , \$5000.  |
| 2017 | <b>LSU Council of Research Summer Stipend Grant</b> , \$5000.  |
| 2016 | <b>Summer Research Grant</b> , \$5000.   |
| 2016 | <b>Wenner Gren Dental Workshop Grant</b> , South Africa, ~\$3,000.   |
| 2016 | <b>National Science Foundation</b> , Identifying past environments and their relation to hominin evolution in southern African Plio-Pleistocene, \$289284 proposed, Not Funded           |
| 2015 | <b>Student Excellence Fee</b> , \$21,120, College of Humanities and Social Sciences Instructional Impact Committee   |
| 2015 | <b>LSU Grant, Invited talk</b> , 4 <sup>th</sup> International Symposium on Biological Shape Analysis, Los Angeles, CA, June 2015. \$1000.   |
| 2015 | <b>National Science Foundation</b> , Cyber enabled, machine learning classification of fossil bovid teeth: Reconstructing paleoenvironments in Plio-Pleistocene South Africa, Not Funded |
| 2014 | <b>Rising Star Research Grant</b> , \$500, \$300 from College of Arts and Sciences, \$200 from Loyola University Chicago Anthropology  |

- 2013 **Anthropology Research Grant**, \$250 from Loyola University Chicago Anthropology for research in South Africa in August 2013
- 2012 **Anthropology Research Grant**, \$300 from Loyola University Chicago Anthropology for research in South Africa in June-July 2012
- 2011 **College of Liberal Arts Dissertation Research Award**, \$5,000 to support research for dissertation, awarded February 2011.
- 2009 **Dean of Liberal Arts Research Grant**, \$1000.00, with matching \$1000.00 grant from the Department of Anthropology. Funds were used to gather data in South Africa, May-Aug 2009.

*Conference Grants*

- 2018 **LSU Office of Research and Economic Development Faculty & Junior Faculty Travel Grant**, \$650.
- 2018 **LSU HSS International Travel Support**, LSU HSS, \$800 awarded.
- 2017 **LSU Office of Research and Economic Development Faculty & Junior Faculty Travel Grant**, \$1000.
- 2017 **LSU College of Humanities and Social Sciences Travel Grant**, \$800.
- 2016 **Anthropology Travel Grant**, LSU for travel to American Association of Physical Anthropology Conference in Atlanta, Georgia, 13-16 April 2016.
- 2015 **Anthropology Professional Travel Grant**, \$400 from Loyola University Chicago for travel to American Association of Physical Anthropology Conference in St. Louis, Missouri, 25-29 March 2015.
- 2014 **Anthropology Professional Travel Grant**, \$400 from Loyola University Chicago for travel to American Association of Physical Anthropology Conference in Calgary, Canada, 8-12 April 2014.
- 2013 **Anthropology Professional Travel Grant**, \$400 from Loyola University Chicago for travel to American Association of Physical Anthropology Conference in Knoxville, Tennessee, 10-14 April 2013.
- 2012 **Anthropology Professional Travel Grant**, \$700 from Loyola University Chicago for travel to Paleoanthropology Society Meetings and American Association of Physical Anthropology Conference in April 2012.
- 2011 **Paleoanthropology Society Travel Grant Award**, \$350.00 for travel to the 2011 Paleoanthropology Society meeting in Minneapolis, Minnesota, 12-13 April 2011.
- 2011 **Anthropology Department Travel Grant**, \$250.00 from Texas A&M for travel to American Association of Physical Anthropology Conference in Minneapolis, Minnesota, 13-17 April 2011.
- 2010 **Nautical Archaeology Travel Grant, Invited Symposium**, \$350.00 from Texas A&M for travel and accommodations at the Society of Historical Archaeology Conference, Austin, Texas, 5-9 January 2011.

- 2010 **Anthropology Department Travel Grant**, \$375.00 from Texas A&M for travel to American Association of Physical Anthropology Conference in Albuquerque, New Mexico, 14-17 April 2010.
- 2009 **Anthropology Department Travel Grant**, \$350.00 from Texas A&M for travel to American Association of Physical Anthropology Conference in Chicago, Illinois, 30 March- 4 April 2009.
- 2007 **Anthropology Department Travel Grant**, \$100.00 from Texas A&M for Texas Association of Biological Anthropologists, Austin, Texas, 9-10 November 2007.
- 2007 **Ecology and Evolutionary Biology Faculty Travel Grant**, \$800.00 from Texas A&M for travel to American Association of Physical Anthropology in Philadelphia, Pennsylvania, 28 March- 1 April 2007.
- 2006 **Anthropology Department Travel Grant**, \$428.57 from Texas A&M for travel to American Association of Physical Anthropology in Anchorage, Alaska, 7-12 March 2006.
- 2006 **Ecology and Evolutionary Biology Faculty Travel Grant**, \$571.43 from Texas A&M for travel to American Association of Physical Anthropology in Anchorage, Alaska, 7-12 March 2006.

*Awards*

- 2018 **Tiger Athletic Foundation Undergraduate Teaching Award**
- 2016 **College of Humanities and Social Sciences Instructional Impact Funds**, \$21120.
- 2012 **Nominee: Provost's Award for Excellence in Teaching Freshman at Loyola**
- 2010 **Student Research Week Poster Prize**, \$250.00 for my poster, Student Research Week, Texas A&M University, March, 2010.
- 2009 **Texas Association of Biological Anthropology Poster Award**, \$50.00 award for Most Outstanding Poster at the Texas Association of Biological Anthropologists Conference, Austin, Texas, 13-14 November 2009.
- 2008 **Texas Academy of Science Student Research Award**, \$500.00, Texas Academy of Science.

**TEACHING***Evaluations*

<b>2018 Semester: Fall</b>	<b>Enrollment</b>	<b>Course Evaluation</b>	<b>Instructor Evaluation</b>	<b># of Student Evaluators</b>
ANTH 1001: INTR PHYS ANTH/PRHIS - 001	69	4.5	4.8	37
ANTH 4997: SPECIAL TOPICS ANTH - 003	8	4.68	4.57	7
ANTH 7901: INTRO TO GRAD STUDY - 001	13	3.3	3.8	7
<b>2018 Semester: Spring</b>	<b>Enrollment</b>	<b>Course</b>	<b>Instructor</b>	<b># of</b>

		Evaluation	Evaluation	Student Evaluators
ANTH 1001: INTR PHYS ANTH/PRHIS - 001	48	4.6	4.65	20
ANTH 3997: SELECTED TOPICS - 001	29	4.83	4.87	15
<b>2017 Semester: Fall</b>	<b>Enrollment</b>	<b>Course Evaluation</b>	<b>Instructor Evaluation</b>	<b># of Student Evaluators</b>
ANTH 1001: INTR PHYS ANTH/PRHIS - 1	68	4.14	4.35	22
ANTH 7901: INTRO TO GRAD STUDY - 1	9	4.84	5.0	8
ANTH 7909: SEL TOPICS IN ANTH - 001	9	5.0	5.0	1
<b>2017 Semester: Spring</b>	<b>Enrollment</b>	<b>Course Evaluation</b>	<b>Instructor Evaluation</b>	<b># of Student Evaluators</b>
ANTH 1001: INTR PHYS ANTH/PRHIS - 1	49	4.11	4.12	16
ANTH 1001: INTR PHYS ANTH/PRHIS - 2	64	4.11	4.0	14
ANTH 8000: THESIS RESEARCH - 11	1			
<b>2016 Semester: Fall</b>	<b>Enrollment</b>	<b>Course Evaluation</b>	<b>Instructor Evaluation</b>	<b># of Student Evaluators</b>
ANTH 1001: INTR PHYS ANTH/PRHIS - 2	117	4.38	4.44	63
ANTH 4997: SPEC TOP IN ANTHROP - 2	8	4.57	4.68	7
ANTH 7901: INTRO TO GRAD STUDY - 1	10	4.41	4.29	6
<b>2016 Semester: Spring</b>	<b>Enrollment</b>	<b>Course Evaluation</b>	<b>Instructor Evaluation</b>	<b># of Student Evaluators</b>
ANTH 1001: INTR PHYS ANTH/PRHIS - 2	82	4.38	4.38	31
ANTH 4040: BIOLOGICAL ANTH - 1	50	4.4	4.28	42
<b>2015 Semester: Fall</b>	<b>Enrollment</b>	<b>Course Evaluation</b>	<b>Instructor Evaluation</b>	<b># of Student Evaluators</b>
ANTH 1001: INTR PHYS ANTH/PRHIS - 2	148	4.48	4.53	75
ANTH 1001: INTR PHYS ANTH/PRHIS - 3	55	4.67	4.74	32

### *Courses Taught*

#### **2018**

Semester	Course Prefix & Number	Course Name	Section #	Enrollment
Fall	ANTH 1001	INTR PHYS ANTH/PRHIS	001	69
Fall	ANTH 4997	SPECIAL TOPICS ANTH	003	8
Fall	ANTH 7901	INTRO TO GRAD STUDY	001	13
Spring	ANTH 1001	INTR PHYS ANTH/PRHIS	001	48
Spring	ANTH 3997	SELECTED TOPICS	001	29

**2017**

Semester	Course Prefix & Number	Course Name	Section #	Enrollment
Fall	ANTH 1001	INTR PHYS ANTH/PRHIS	1	68
Fall	ANTH 7901	INTRO TO GRAD STUDY	1	9
Fall	ANTH 7909	SEL TOPICS IN ANTH	1	9
Spring	ANTH 1001	INTR PHYS ANTH/PRHIS	1	49
Spring	ANTH 1001	INTR PHYS ANTH/PRHIS	2	64
Spring	ANTH 8000	THESIS RESEARCH	11	1

**2016**

Semester	Course Prefix & Number	Course Name	Section #	Enrollment
Fall	ANTH 1001	INTR PHYS ANTH/PRHIS	2	117
Fall	ANTH 4997	SPEC TOP IN ANTHROP	2	8
Fall	ANTH 7901	INTRO TO GRAD STUDY	1	10
Spring	ANTH 1001	INTR PHYS ANTH/PRHIS	2	82
Spring	ANTH 4040	BIOLOGICAL ANTH	1	50

**2015**

Semester	Course Prefix & Number	Course Name	Section #	Enrollment
Fall	ANTH 1001	INTR PHYS ANTH/PRHIS	2	148
Fall	ANTH 1001	INTR PHYS ANTH/PRHIS	3	55

*New Courses Developed***2017**

Semester	Course Prefix & Number	Course Name	Section #	Enrollment
Fall	ANTH 7909	SEL TOPICS IN ANTH	1	9

**2016**

Semester	Course Prefix & Number	Course Name	Section #	Enrollment
Fall	ANTH 4997	SPEC TOP IN ANTHROP	2	8
Fall	ANTH 7901	INTRO TO GRAD STUDY	1	10
Spring	ANTH 4040	BIOLOGICAL ANTH	1	50

*Students***MAJOR PROFESSOR**

Margaret Neuman, Major Professor, Masters Student, Projected Graduation May 2020.

Maddisen Neuman, Major Professor, Masters Student. Graduation May 2017.

**COMMITTEE MEMBER**

Antonio Otero, Committee Member, Masters Student, Projected Graduation May 2019.

Emilee Hart, Committee Member, Masters Student, Graduation May 2018.

Dominique Bodoh, Committee Member, Masters Student. Graduation May 2017.

Alyxandra Stanco, Committee Member, Masters Student. Graduation May 2017.

#### UNDERGRADUATE THESIS COMMITTEE MEMBER

Andrew Osborne, Committee Member, Senior Honors Thesis. Projected Graduation May 2020.

Jake Mendoza, Committee Member, Senior Honors Thesis. Graduated May 2016.

#### SUPERVISED RESEARCH IN LAB

Jude Sterkx, Lab Manager, Fall 2017-

Riley Kloostra, Student worker, Fal 2018-

#### DEAN'S REPRESENTATIVE

Amy Wright, Dean's Repräsentative, Doctoral Student, Graduation Dec 2018.

Scott Blanchard, Dean's Repräsentative, Doctoral Student, Graduation Dec 2018.

#### SERVICE

##### *Professional Activities*

#### DEPARTMENT

**Transfer Orientation 2: Information Fair**, 2018.

**Orientation Information Fair**, 2018.

**FOAP 1 & 2: Information Fair**, 2018.

**Research and Scholarship Committee**, Department of Geography and Anthropology, LSU, Fall 2015-present

**Webinar, "NSF CAREER Award Webinar"**, LSU, 15 May 2018.

**Speakers Committee**, Department of Geography and Anthropology, LSU, Spring 2015

**Workshop, "Write Winning Grant Proposals"**, The Office of Research Advancement, LSU, 15 September 2015.

**STEM Teachers Summit Participant**, represented the Texas A&M Anthropology Department and College of Liberal Arts, 28 January 2011

**Texas Aggeland Saturday Participant**, represented the Texas A&M Anthropology Department, February 2011

**Women's Week Coordinator**, Sept 2009-March 2010 and October 2010 Dept of Anthropology, Texas A&M University

#### COLLEGE

**Instructional Impact Committee**, 2018 LSU

**Dean of Liberal Arts Search Advisory Committee** March 2009-Feb 2010, Texas A&M University

**Graduate Student Council Representative**, May 2008-May 2010, Texas A&M University

**Sustainability and Environmental Management Systems Committee**, May 2008-2011, Texas A&M University

**Invited Guest Lecturer for MSC Freshman Leadership International Group**, October 2010.

**Student Research Week Poster Judge**, March 2008, March 2010, Texas A&M University

**Graduate Member of the Ecology and Evolutionary Biology Faculty**, May 2009-2011, Texas A&M University

**Ecological Integration Symposium Poster Judge**, March 2008 Texas A&M University

**Ecological Integration Symposium Committee Board Member** 2007 Texas A&M University

#### SOCIETY ACTIVITIES

**Programming and Local Arrangements Committee, American Association of Physical Anthropology**, April 2016-2017.

**Journal of Archaeological Science Reviewer**, 2017.

**National Science Foundation Reviewer**, 2013

**Field Museum Affiliate**, Field Museum Chicago, Illinois

**American Association of Physical Anthropology Programming Committee Member**  
since 2012

**Poster Session Chair, American Association of Physical Anthropology**, Poster Session 10  
Paleoanthropology: Earlier Human Evolution, 14 April, 2011.

*Continuing Education*

**MEDIA**

**TED.com**, 1 March 2019.

**LSU Foundation Magazine**.

**TEDxLSU**, 3 March 2018.

**TED Ideas Blog**, 2018.

**NPR Interview Jim Engster Show**, <http://wrkf.org/post/juliette-brophy-newly-discovered-human-ancestor>

**NOVA Special Interview**, NOVA special: <http://www.pbs.org/wgbh/nova/evolution/dawn-of-humanity.html>

**Advocate Interview**, “LSU Researcher part of team that found early ancestor may have coincided with modern humans.” [http://www.theadvocate.com/baton\\_rouge/news/education/article\\_7516d7f2-34cd-11e7-9f21-3bf5980e0d03.html](http://www.theadvocate.com/baton_rouge/news/education/article_7516d7f2-34cd-11e7-9f21-3bf5980e0d03.html)

**Advocate Interview**, “LSU professor among researchers who identified new human species, *Homo naledi*” <http://theadvocate.com/news/13540639-48/lsu-professor-among-researchers-who>

**NPR Interview**, “New Human Ancestor Raises Questions about genus *Homo*” 28 September 2015.  
<http://wrkf.org/programs/louisianas-lab>

**Reveille Interview**, “Anthropology professor helps discover new human ancestor” 27 February 2016.  
[http://www.lsunow.com/daily/anthropology-professor-helps-discover-new-human-ancestor/article\\_c238ceb6-5a66-11e5-a75d-379e11407ffb.html](http://www.lsunow.com/daily/anthropology-professor-helps-discover-new-human-ancestor/article_c238ceb6-5a66-11e5-a75d-379e11407ffb.html)

**INVITED TALKS**

**Eastern New Mexico University**, Portales, NM. March 2018

**NOLA Science Café**. New Orleans, LA. 28 March 2018.

**Delta Kappa Gamma, LSU**. 30 January 2018.

**Copper Mill Elementary**. Zachary, LA 1 June 2017.

**Spoke to Donor's at Dean Haynie's Request**, New Orleans, June 2017.

**Roger Hadfield Ogden Honors College, LSU**. 2 Nov 2017.

**School of Nutrition and Food Sciences, LSU**. Baton Rouge, LA. 16 Nov 2016.

**Baton Rouge Chapter of Louisiana Archaeological Society**, 28 September 2016.

**Science Saturday**, LSU Department of Physics and Astronomy. 24 September 2016.

**LSU Science Café**. Baton Rouge, LA. 29 March 2016.

**NOLA Science Café**. New Orleans, LA. 8 March 2016.

**LSU Tri Beta Honors Society**. 7 March 2016.

**Darwin Day**, Tulane University, New Orleans, LA. 20 February 2016

**LSU Museum of Natural Science Seminar Series**. 29 January 2016.

**Department of Sociology and Anthropology, University of Mississippi**. Oxford, MS. 11 Nov 2015.

**4th International Symposium on Biological Shape Analysis**, Los Angeles, CA, June 2015.

**Benedictine University**, Lisle, IL. October 2014.

**Ohio University**, Athens, OH. November 2014.

**University of Wisconsin-Madison**, Madison, WI. November 2014

**GUEST LECTURES**

**Guest Lecture** Kristine DeLong’s GEOG 4083 Ice Age Class 2015

**Guest Lecture** Kristine DeLong’s GEOG 4083 Ice Age Class 2017

**Guest Lecture** Ginny Listi ANTH 1001 Human Origin Class 2015

*Society Memberships*

**American Association of Physical Anthropology Member** since 2001

**Paleoanthropology Society Member** since 2003

**Texas Association of Biological Anthropologists Member** 2007-2011