

Kerryn A. Warren

Dissertation Coach at Grad Coach International, Ph.D.

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About me

I have been incredibly fortunate to have participated, guided and helped develop research in diverse fields and using diverse methodologies. My own research has varied, from 3D morphometrics to interventional pedagogical research, allowing me to explore and understand the value of a range of research approaches. More importantly, I have experience in communication, outreach and education regarding science and my own research, as well as (through my coaching) in helping others participate, understand and contribute to academic research themselves.

Experience

Grad Coach International / Dissertation and research coach

2020 - PRESENT, INTERNATIONAL

Coaching graduate students and postdoctoral students in conceptualising, actioning, and writing up their research, which includes diverse projects from across fields and institutions. Have participated in the creation of online content and outreach.

University of Cape Town/ Postdoctoral Fellow

2018 - 2020, CAPE TOWN

Researching the understanding and acceptance of evolution education among South African high school learners through action research. Involved in community-government engagement.

South African Environmental Observation Network (SAEON) / Stakeholder Engagement

2017 - 2018, CAPE TOWN

Coordinating, evaluating and presenting on GIS and big data for government and private stakeholders in BioEnergy and Risk & Vulnerability analytical projects.

University of Cape Town / Course convener and lecturer

2016-2017, 2018-2020, CAPE TOWN

Course creation, adaptation and lecturing for blended learning in Archaeology during #FeesMustFall and the pandemic. Experience and growth in online pedagogy and communication.

Skills

Research development and planning

Research writing and review

Presentation skills

R, SPSS, Excel, QGIS

Data analysis and statistics

Data visualisation and storytelling

Science communication: written and verbal

Course development and science education

Teamwork

Coaching and mentoring

Education

University of Cape Town / Ph.D. in Archaeology

2013 - 2017, CAPE TOWN

Dissertation: *Of mice and hominins: using the craniomandibular morphology of hybrid mice to better understand hybrid morphologies in the Hominin fossil record.*

University of Cape Town /M.Sc. in Archaeology

2011 - 2013, CAPE TOWN

Dissertation: *Population variation within the Iron Age of southern Africa: An assessment using dental anthropological and craniomandibular metric techniques.*

Publications

Malukiewicz, J., **Warren, K.A.**, Boere, V., Bandeira, I.L., Curi, N.H., das Dores, F.T., Fitorra, L.S., Furuya, H.R., Igayara, C.S., Milanelo, L. and Moreira, S.B., 2023. *Pelage Variation and Morphometrics of Closely Related Callithrix Marmoset Species and Their Hybrids.* bioRxiv.

[ONLINE TEXTBOOK: Kerryn Warren, Lindsay Hunter, Navishni Naidoo, Silindokuhle Mavuso, Kimberleigh Tommy, Rosa Moll, Nomawethu Hlazo. 2020 \(Updated 2022\). CHAPTER 9: Early Hominins. In Explorations: An Open Invitation to Biological Anthropology.](#)

Ackermann, R.R., M.L. Arnold, J. Cahill, L. Cortes-Ortiz, B. Evans, P.R. Grant, B.R. Grant, B. Hallgrímsson, R. Humphreys, C.J. Jolly, M.D. Nidiffer, C.J. Percival, T. Ritzman*, C. Roos, C.C. Roseman, L. Schroeder, F.H. Smith, **K.A. Warren**, R. Wayne, D. Zinner. *Alphabetical order. 2019. *Hybridization in Human Evolution: Insights from other organisms.* Evolutionary Anthropology: Issues, News and Reviews, 28(4): 189-209. DOI: 10.1002/evan.21787.

Warren, K. A., T.B. Ritzman, R.A. Humphreys, C.J. Percival, B. Hallgrímsson and R.R. Ackermann. 2018. *Craniomandibular form and body size variation of first generation mouse hybrids: A model for hominin hybridization.* Journal of Human Evolution, 116:57-74. DOI: 10.1016/j.jhevol.2017.12.002.

Warren, K.A., S. Hall and R.R. Ackermann. *Variation in Iron Age populations of southern Africa using dental anthropology and 3D craniomandibular techniques.* South African Archaeological Bulletin, 70 (201): 76-88. JSTOR, www.jstor.org/stable/24643610.

Warren, K.A., S. Hall and R.R. Ackermann. *Craniodental continuity and change between Iron Age peoples and their descendants.* South African Journal of Science, 110 (7-8):1-11. DOI: <https://doi.org/10.1590/sajs.2014/20130275>.

Warren, K.A., T. Ritzman, C. Percival, B. Hallgrímsson, R.R. Ackermann. *Covariance and integration of craniomandibular elements in mouse hybrids: an explanation for the morphology of the Oase 1 mandible.* In prep.

Warren, K.A., W. Black, R.R. Ackermann, S. Hall. *Dental modification in southern Africa over time.* In prep.

Academic Conference Output

Acceptance of evolution among South African Matric (final year high school) learners. 2022. **Kerryn A. Warren**, Cornelius T. Mushangwe, Lindsay K. Hunter, Rebecca R. Ackermann. American Association of Physical Anthropology (online presentation).

Evolving evolutionary pedagogy: a learner-centred approach. 2021. **Kerryn A. Warren**, Robyn Humphreys, Lindsay Hunter, Silindokuhle Mavuso, Kimberleigh Tommy, John Parkington, Rebecca R Ackermann. STEMM and Belief in Diverse Contexts (online presentation).

The efficacy of human evolution education in South Africa. Accepted for 2020. Authors: **Kerryn A. Warren**, Robyn A. Humphreys, Rebecca R. Ackermann. American Association of Physical Anthropology (podium).

Test of high-frequency GPR for identifying hominin skeletal deposits in the Rising Star Cave. Accepted for 2020. Authors: Marina C. Elliott, Becca Peixotto, Corey Jaskolski, Kenneth Broad, Dirk Van Rooyen, Maropeng

Ramalepa, Mathabela Tsikoane, **Kerryn A. Warren**, John Hawks, Lee R. Berger. American Association of Physical Anthropology (podium).

Using R Stats To Teach About Hominins And Adorable Primates. 2019. Authors: **Kerryn A. Warren**, Marc Kissel. American Association of Physical Anthropology (poster).

Of Hybrid Mice And Hominins: Disintegration Key To Understanding Hominin Hybrid Morphologies. 2017. Authors: **Kerryn A. Warren**, Christopher J Percival, Terrence Ritzman, Benedikt Hallgrímsson, Rebecca R. Ackermann. American Association of Physical Anthropology (podium).

Using A Mouse Model To Understand The Relationship Between Skeletal And Ectodermal Trait Variation In Mammalian Hybrids. 2017. Authors: Robyn A. Humphreys, Terrence Ritzman, **Kerryn A. Warren**, Christopher J. Percival, Benedikt Hallgrímsson, Rebecca R. Ackermann. American Association of Physical Anthropology (podium).

Using Extant Taxa To Model Variation In Hominin Hybrid Populations. 2016. Authors: **Kerryn A. Warren**, Lauren Schroeder, Terrence Ritzman, Christopher J. Percival, Benedikt Hallgrímsson, Rebecca R. Ackermann. American Association of Physical Anthropology (podium).

Variation In The Skeletal And Ectodermal Phenotype Of Mouse Hybrids. 2016. Authors: Robyn A. Humphreys, Terrence Ritzman, **Kerryn A. Warren**, Christopher J. Percival, Charles C. Roseman, Benedikt Hallgrímsson, Rebecca R. Ackermann. American Association of Physical Anthropology (poster).

Mouse Models For Identifying Hybridization In The Hominin Fossil Record: Preliminary Results. 2015. Authors: **Kerryn A. Warren**, Terrence Ritzman, Christopher J. Percival, Benedikt Hallgrímsson, Rebecca R. Ackermann. American Association of Physical Anthropology (podium).

Dental Variation In Iron Age Populations Of Southern Africa. 2013. Authors: **Kerryn A. Warren**, Simon Hall, Rebecca R. Ackermann. American Association of Physical Anthropology (poster).

Morphological Variation Within The Iron Age Of Southern Africa. 2013. Authors: **Kerryn A. Warren**, Simon Hall, Rebecca R. Ackermann. Association of Southern African Professional Archaeologists (podium).

Professional development and outreach

Reports and Children's Journals (Volunteer research and outreach)

- **Warren, K.A.**, Ritzman, T.B., Ackermann, R.R. 2022. [What Would the Child of a Human and a Neanderthal Look Like?](#) Frontiers for Young Minds.
- Rubeena Parker, Katherine Morris and Jane Hofmeyr, with research by **Kerryn Warren**, Demichelle Petherbridge, Astrid Coombes, Shirley Eadie, Brenda Van Wyk, Lebohang Neo, Pretty Marota, Fezile Shandu and Reneiloe Ditshego. 2020. [Education, inequality and innovation in the time of COVID-19](#). JET Education Services, Johannesburg.
- Black, W., L. Ward, **K.A. Warren**. 2018. *Bringing the community to archaeology: an educational workshop for teachers*. The Digging Stick, 34(3): 11-13.

Invitations for presenting and hosting

- ASAPA students council. *Balancing burnout and deadlines*. 2022.
- Soapbox Science, hosted by Jive Media, Cape Town. 2019.
- Teach the Teachers Workshop, Iziko Museums. 2018/2019.
- School outreach: *Rising Star Excavations*. 2019.
- Pint of Science, Cape Town. 2019. *There and Back again: A Homo naledi tale*.
- UCT, Summer School. 2018. *What would a human-neanderthal hybrid look like?*
- Pint of Science, Cape Town. 2018. *What would a human-neanderthal hybrid look like?*
- The Good Food and Wine Show, Cape Town - 2016: *The Evolution of Diet and Finding the Original Sugarman*

Workshops

- CommSciPaleo 2020 Symposium at the Perot Museum, Dallas. 2020.
- University of Stellenbosch Science Communication Online Course; sponsored by SAASTA, NRF. 2018.

Other

- American Association of Biological Anthropology: Education Program Sub-committee. 2020-2022
 - #LearnRInTweets course developer. 2020
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Awards

Winner of the National Science and Technology (SET) division for Three-Minute Thesis Competition (2017).

Runner-up of the SAASTA Young Science Communicators Competition in the Audio Division (2017).

Recipient of a Student Travel Award for the American Association of Physical Anthropology (2018).

CoE in Palaeosciences, Postdoctoral Fellowship (2017, 2018, 2019).

NRF-DST Centre of Excellence in Palaeosciences, Ph.D. fellowship (2014, 2015).

NRF Grantholder, Ph.D. Fellowship (2013).

Harry Crossley Full Fellowship for Master's and Honours (2010, 2011, 2012).

NRF Foundation Scholarship for Honours (2010).

UCT awards: Dean's merit list (2008, 2009), Book Award for Human Evolution (2008).
