



CONFERENCE SCHEDULE

Monday 12th of December

8:00am	Registration and collection of conference packs
8:30am	<p>Introduction and Opening Keynote: Associate Professor Gretchen Perry, University of Canterbury, Christchurch New Zealand <i>"Mothers versus Mother-in-Laws: Matrilineal affiliation and alloparental assistance in patrilocal environments"</i> Chair: Sarah Croker</p>
9:30am	<p>Session 1: Primates Chair: Tanya Smith</p> <ol style="list-style-type: none"> 1. Alison Behie, Mary SM Pavelka, and Kayla Hartwell. <i>Subgroup formation is associated with lower fecal cortisol levels in a wild primate population</i> 2. Cyril C. Grueter, Stefan Lüpold <i>Primate ornaments as tools for navigating the wider social sphere</i> 3. Jennifer Hale*, Nic Malone, and Bruce Floyd <i>Considering social context when investigating social dynamics in a group of captive Javan gibbons (<i>Hylobates moloch</i>)</i> 4. Holly Steiner*, Nicholas Malone, Heather Battles <i>Exploring the intricacies of siamang social group dynamics through the lens of behavioural endocrinology: implications for conservation and captive welfare</i> <p>Discussion</p>
11:00am	Morning Tea
11:30am	<p>Panel: Ethics in Biological Anthropology Research Siân Halcrow and Alison Behie</p>
12:30pm	Lunch
1:30pm	<p>Session 2: Multidisciplinary Concepts, Resources and Technologies Chair: Georgia Stannard</p> <ol style="list-style-type: none"> 1. Melandri Vlok <i>What are we really doing with our lives? A discussion on opportunities for real change stemming from human biology research.</i> 2. Lucille Pedersen*, Kate Domett, Anna Willis, Justyna Miskiewicz, Helen Anscumb, Lit Chien Cheah, Rod Cook <i>Introducing James Cook University's modern Australian thin section bone sample for histological research</i> 3. Benjamin Smith*, Stephanie Woodley and Siân Halcrow <i>Assessing the foetal position: Teaching and learning osteology using three-dimensional digital approaches.</i> 4. David A. Coall, Francesca Robertson, Noel Nannup, Daniel McAullay, Alison Nannup, and Braden Hil <i>Embedding Aboriginal perspectives into human biology curricula through Koodjal djinang (two-way seeing)</i> <p>Discussion</p>
3:00pm	Afternoon Tea

3:30pm	Session 3: Anatomy, Physiology and Ancestry Chair: Siân Halcrow
	1. Laura A. B. Wilson, Jo Menard, Joe Lynch, Catherine R. Galvin, and Paul N Smith <i>Sex differences in patella shape among individuals with osteoarthritis compared to a healthy cohort</i>
	2. Tanya M. Smith <i>Inferring Nursing Histories from Trace Elements in Teeth: Promises and Pitfalls</i>
	3. Matheus Pinto*, Kazunori Nosaka and Anthony Blazeovich <i>Effect of fatiguing exercise on belly gear during eccentric contractions</i>
	4. Lumila Menéndez* <i>Bridging southern peoples and revisiting old models: ancient affinities between South Americans and Australasians</i>
	Discussion



Tuesday 13th of December

9:00am	Session 4: Bioarchaeology 1 Chair: Melandri Vlok
	1. Stacey M Ward, Gizeh Rangel-de Lazaro, Caitlin Raymond, Laura A. B. Wilson, Marcelo R. Sánchez-Villagra <i>Investigating the Global Spatiotemporal Distribution of Intentional Cranial Modification</i>
	2. Nicola Czaplinski*, Melandri Vlok, Catherine Frieman & James Flexner <i>Bioarchaeology from the Neolithic to Iron Age Britain: Twenty years of advancement</i>
	3. Robyn Blucher*, Kate Domett, and Anna Willis <i>An adaptable frailty index: overcoming issues with skeletal preservation</i>
	4. Christine Cave <i>Osteoarthritis and old age: a seriation approach</i>
	Discussion
10:30am	Morning Tea
11:00am	Session 5: Bioarchaeology 2 Chair: Stacey Ward
	1. Daniel Franklin, Jacqueline Noble, Ambika Flavel, and Lauren Swift <i>Bioarchaeology in the Kingdom of Saudi Arabia (BAKSAU)</i>
	2. Kathryn King*, Judith Littleton and Ethan Cochrane <i>Effects of environmental variation on stable isotope analyses in Waya Island, Fiji.</i>
	3. Matilda McVicar, Bruce Floyd, and Judith Littleton <i>Degenerative joint disease at Roonka, South Australia: Searching for evidence of gender roles.</i>
	4. Rossella Paba*, Dario D'Orlando, Anna Willis, and Kate Domett <i>Life and death at the Monte Luna Necropoli: the osteobiography of Tomb 27</i>

	Discussion
12:30pm	Lunch
1:30pm	Session 6: Forensic Anthropology and Palaeoanthropology Chair: Varsha Pilbrow <ol style="list-style-type: none"> Luca Fiorenza, Waseem Habashi, Jacopo Moggi-Cecchi, Stefano Benazzi, Rachel Sarig <i>Relationship between interproximal and occlusal wear in <i>Australopithecus africanus</i> and Neanderthal molars</i> María Hernaiz*, Clément Zanolli, Arnaud Mazurier, Stefano Benazzi, Rachel Sarig, and Luca Fiorenza <i>Dietary and ecological information of the Neanderthal specimen <i>Bourgeois-Delaunay 1</i> (Charente, Southwestern France) derived from dental macrowear analysis.</i> Lauren Swift*, Zuzana Obertova, and Daniel Franklin <i>Cranial Sex Estimation Predictive Models for the Contemporary Australian Population</i> Scott A Williams, Iris Zeng, Jordan S Guerra, Shahed Nalla, Marina C Elliot, John Hawks, Lee R Berger, and Marc R Meyer <i>Quantification of Vertebral Wedging using a new 3D method in <i>Homo naledi</i></i>
	Discussion
3:00pm	Afternoon Tea
3:30pm	Final Keynote: <i>Dr Denis Donlon, Anatomy, The University of Sydney</i> Chair: Melandri Vlok
6:45pm	Dinner: The Duck Inn Chippendale



Wednesday 14th of December

9:00am	Session 7: Human Evolution and Behaviour Chair: Christine Cave <ol style="list-style-type: none"> Adam Bode* <i>Psychological and biological evidence suggests that romantic love evolved by co-opting mother-infant bonding</i> Cynthia Parayiwa*, D Harley, A Richardson and Alison M Behie <i>Exploring an association between cyclone disasters and sex-specific birth outcomes in Queensland, Australia</i> Shivali Amin* and Alison Behie <i>Predestined Development: The impact of maternal smoking and drinking during pregnancy on age at sexual maturity in Australian adolescents</i> Rebecca Bullingham <i>Why do grandparents care?</i>
	Discussion
10:30am	Morning Tea and Poster Session <ol style="list-style-type: none"> Christine Cave and Lorna Tilley <i>Acceptance: An Early-Anglo Saxon baby with a disability prospers</i>

	<p>2. Kajaal Prasad*, Carol Hartmann, Stefania Penkala, Liz Thyer, Manisha Dayal <i>Evolution of anatomy education: Functional 3D printed foot model</i></p> <p>3. Declan Price, Karen Ginn, Mark Halaki, Darren Reed <i>Latissimus dorsi has a limited contribution to trunk movement and control. A systematic review and meta-analysis</i></p>
11:30am	<p>Session 8: Human Biology and COVID-19 Chair: Cynthia Parayiwa</p> <p>1. Hannah Goodman*, David Coall, Nicolas Fay, Bradley Walker and Cyril C. Grueter <i>Level of health predicts the attractiveness of male risk takers as potential mates</i></p> <p>2. Julia Daphne D. Ocampo*, Joshua Bryan E. Evangelista, Franchesca Emery M. Santiago, and Richard Jonathan O. Taduran <i>Mutations and Mortality: Excess Deaths in the Philippines during the COVID-19 Pandemic</i></p> <p>3. Alexzandra Faye A. Castillo, Hanzvic Clarisse B. Dellomas, John Joshua Noel L. Macapia, Kim Alexander S. Miguel, and Richard Jonathan O. Taduran <i>The Correlation of Elevations and COVID-19 in the Philippines</i></p> <p>Discussion</p>
12:30pm	Lunch
1:30pm	Annual General Meeting and Awards
3:00pm	Afternoon Tea and Conclusion of Conference