








Reconnect **Ka Mua, Ka Muri**


30 Nov – 3 Dec 2023 | Dunedin, New Zealand

Day 1: Thursday 30 November 2023		
0900	Registration (all day)	
1000-1300	Morning Pre-Conference Workshops	Venue
	Hands-on dissection <i>Facilitated by: Latika Samalia (University of Otago, New Zealand)</i>	Dissection Room, 2nd floor, Lindo Ferguson Building, Department of Anatomy
	Embracing ambiguity: Navigating the path of uncertainty <i>Facilitated by: Michelle Lazarus (Monash University, Australia)</i>	Gazebo Lounge, University Union Building
	 数字人科技 Silver Sponsor: Digihuman Workshop Creating a 3D printable anatomical model from DICOM images <i>Facilitated by: Phil Blyth (University of Otago, New Zealand)</i>	Terrace Lounge, University Union Building
1400-1700	Afternoon Pre-Conference Workshops	Venue
	 Platinum Sponsor: Melbourne Academy of Surgical Anatomy Workshop Ultrasound mastery and curriculum development for educators <i>Facilitated by: Yusuf Cakmak (University of Otago, New Zealand) & Sierra Beck (Dunedin Hospital, New Zealand)</i>	2nd floor, Lindo Ferguson Building, Department of Anatomy
	 Gold Sponsor: Elsevier Workshop The anatomy of writing for publication: thinking about how and what you write <i>Facilitated by: Susan Standring (King's College, United Kingdom) and Karen Nairn (University of Otago, New Zealand)</i>	Terrace Lounge, University Union Building
	Promoting authentic assessment in the digital era <i>Facilitated by: Laura Gregory (Queensland University of Technology, Australia), Junhua Xiao (Swinburne University of Technology, Australia), Krisztina Valter (Australian National University, Australia)</i>	Gazebo Lounge, University Union Building
1800-2000	Opening Ceremony of APICA	Venue
Guests to arrive by 1745	Mihi Whakatau, Welcome Address & Refreshments Prof. Lisa Matisoo-Smith (University of Otago, Dunedin, New Zealand) "Human settlement of the Pacific: Reconnecting to the past."	Auahi Ora, University Union Building

17.15-19.30: Visit our Dunedin i-Site stand to check out options for tourist activities.

Day 2: Friday 1 December 2023





0800	Registration (all day)	
0830-0915	 <p align="center">Plenary lecture Title: <i>Why not try the experiment?</i> Speaker: <i>Susan Stranding (King's College, London, UK)</i> Venue: Burns 1; Chair: Steph Woodley</p>	
920-1010	Presentations A Theme: Education Venue: Burns 1 Chairperson: Michelle Lazarus	Presentations B Theme: Advances in anatomy Venue: Burns 2 Chairperson: Ming Zhang
920	Valerie O'Loughlin	Enhe Jirigala
	The positive relationship between Anatomy Education Research Institute (AERI 2022) participation and engagement at the American Association for Anatomy conferences	In situ forming injectable GelMA hydrogels enable for MSC delivery and vascularized sweat gland regeneration
930	Doris George Yohannan	Rui Xiao
	Evaluating neuroanatomy teaching methods in India: A comparison of novel stereoscopic/non-stereoscopic 3D model projections and conventional board drawings	Role of cytosolic carboxypeptidase CCP1 in spermatogenesis
940	Christine Barry	Jingxing Dai
	Dissection peer review to enhance professionalism skills for medical students	The micro reconstruction of three-dimensional model of ovary
950	Junhua Xiao	Dushyant Agrawal
	A course-specific preference for multimodal digital anatomy resources	Developing a reference chart for fetal biometry in Indian population to predict growth and development of fetus
1000	Aaron McDonald	
	Preparing students for second year: The anatomy Kickstart program	
1015-1045	Networking tea/coffee break @ Auahi Ora, University Union Building Poster viewing: Group 1	
1045-1130	 <p align="center">Plenary Lecture Title: <i>Spectral photon counting for accurate anatomical imaging</i> Speaker: <i>Anthony Butler (University of Otago, Christchurch, New Zealand)</i> Venue: Burns 1; Chair: Natasha Flack</p>	
1130-1300	Focused Symposium 1 Venue: Burns 1	Focused Symposium 2 Venue: Burns 2
	<i>Neural mechanisms of brain dysfunction: Key molecular, neuroplasticity and behaviour</i> Chairpersons: <i>Hui Li, Bing-Ying Su</i> Presenters: Rao Fu, Xiaowei Guan, Hui Li, Bing-Yung Su	<i>See our body in a new way: innovative technology and clinical anatomy</i> Chairpersons: <i>Jun Ouyang, Nan Zheng</i> Presenters: In-Beom Kim, Neils Hammer, Jun Ouyang, Xiaohu Li, Chao Wu, Nan Zheng

1300-1400	 <p>Lunchtime @ Auahi Ora, University Union Building</p> <p>Platinum Sponsor: Melbourne Academy of Surgical Anatomy</p> <p>Poster viewing: Group 1</p>		
1400-1445	<p>Plenary Lecture</p> <p>Title: <i>Neuroanatomical bases of chronic pain comorbid with anxiety and depression</i></p> <p>Speaker: <i>Yun-Qing Li (The Fourth Military Medical University, Xi'an, China)</i></p> <p>Venue: Burns 1; Chair: Ming Zhang</p>		
1450-1520	<p>Presentations C</p> <p>Theme: Neuroanatomy</p> <p>Venue: Burns 1</p> <p>Chairperson: Saleem Babri</p>	<p>Presentations D</p> <p>Theme: Musculoskeletal</p> <p>Venue: Burns 2</p> <p>Chairperson: Mark Midwinter</p>	<p>Presentations E</p> <p>Theme: Education</p> <p>Venue: Burns 7</p> <p>Chairperson: Siti Nurma Hanim</p>
1450	<p>Guan Xiaowei</p> <p>Brain circuits and traditional Chinese medicine on addiction</p>	<p>Hitomi Fujishiro</p> <p>Anatomical investigation of the bone morphology of the anterior talofibular ligament attachment of fibula</p>	<p>Razif Abas</p> <p>Revolutionary 2D animation embryogenesis: Enhancing knowledge and perception among Malaysian medical students</p>
1500	<p>Shuhan Yang</p> <p>High-fat diet intake accelerates Alzheimer's disease progression of APP^{NL-G-F} mice by inhibiting the protective function of microglia</p>	<p>Christina Byun</p> <p>Age-specific variations of the sciatic nerve in the paediatric hip: an MRI study</p>	<p>Melby Tentrisanna</p> <p>StudyFlex initiative in higher education: Anatomy students perceptions and outcomes</p>
1510	<p>Wenjia Liang</p> <p>Alterations in miR-151a-3p of human plasma exosomes associated with major depressive disorders</p>	<p>Craig Short</p> <p>Functional significance of the pyramidalis muscle</p>	<p>Benjamin Fox</p> <p>Exploring the value of demonstrators in undergraduate entry medical anatomy education: A cross-sectional, qualitative study</p>
1520	<p>Dorothy Oorschot</p> <p>Cellular neuroanatomy helps attention deficit hyperactivity disorder (ADHD)</p>	<p>Kyleigh Kriener</p> <p>Preserving haptic fidelity: How cadaveric preservation methods affect the biomechanical properties of abdominal wall tissues</p>	<p>Claudia Diaz</p> <p>Science meets art: An art exhibition to promote body painting approaches to learn anatomy</p>
1530-1600	<p>Networking tea/coffee break @ Auahi Ora, University Union Building</p> <p>Poster viewing: Group 1</p>		
1600-1645	<p>ANZACA AGM (ANZACA Members only)</p>		<p>Walking tour of University campus – all delegates welcome</p>



15.15-16.30: Visit our Dunedin i-Site stand to check out options for tourist activities.


Day 3: Saturday 2 December 2023

0800	Registration (all day)		
0830-0915	<p align="center">Plenary Lecture Title: <i>Weaving equity and innovation into Parkinson's research</i> Speaker: <i>Louise Parr-Brownlie (University of Otago, Dunedin, New Zealand)</i> Venue: Burns 1; Chair: Yusuf Cakmak</p>		
0920-1000	<p align="center">Presentations F Theme: Ethics Venue: Burns 1 Chairperson: Guo-Fang Tseng</p>	<p align="center">Presentations G Theme: Education Venue: Burns 2 Chairperson: Amanda Meyer</p>	<p align="center">Presentations H Theme: Neuroanatomy Venue: Burns 7 Chairperson: Changman Zhou</p>
0920	<p align="center">Georgina Stephens Co-designing body donor program consent processes</p>	<p align="center">Syarifah Aisyah Syed Abdul Halim Reimagining anatomy core competency: A multimodal research approach</p>	<p align="center">Jessy J P Morphometric and histological analysis of circle of Willis in human adult cadavers</p>
0930	<p align="center">Joyce El-Haddad Macroethics and microethics of fetal and embryological collections: Exploring paradigms of informed consent</p>	<p align="center">Latika Samalia Difference in perception of learning regional anatomy between Pasifika and New Zealand European students</p>	<p align="center">Hiroyuki Hioki Three-dimensional structural analysis of GABAergic neurons in the mouse claustrum using tissue-clearing technology</p>
0940	<p align="center">Suresh Selvaraj Living after life: The impact of silent mentors (cadavers) on improving ethical and professional values in allied health students</p>	<p align="center">Laura Whitburn & Melissa Carroll The Global Neuroanatomy Network: An online community of practice for sharing knowledge and resources in neuroanatomy education</p>	<p align="center">Zhonghe Zhang Mapping fetal brain development of 10 weeks gestational age with 9.4T magnetic resonance imaging and histopathological sections</p>
0950	 <p align="center">Quentin Fogg Introducing the Melbourne Academy of Surgical Anatomy</p>	<p align="center">Leanne Kenway Learning anatomical language: A translanguaging approach</p>	
1000-1030	<p align="center">Networking tea/coffee break @ Auahi Ora, University Union Building Poster viewing: Group 1</p>		
1030-1115	 <p align="center">Plenary Lecture and Community Open Lecture Title: <i>The physics of physiology</i> Speaker: <i>Peter Hunter (University of Auckland, Auckland, New Zealand)</i> Venue: Burns 1; Chair: Helen Nicholson</p>		
1120-1210	<p align="center">Presentations I Theme: Technology in education Venue: Burns 1 Chairperson: Krisztina Valter</p>	<p align="center">Presentations J Theme: Bioanthropology Venue: Burns 2 Chairperson: Gareth Jones</p>	
1120	<p align="center">Awais Saleem Babri Does mixed reality have the potential to reconnect learners with human anatomy?</p>	<p align="center">Lucy Henderson A histological exploration of developmental stress in the Enamel of 19th Century Otago Settlers</p>	

1130	Connor Blythe Augmented reality in anatomy: Is it all hype?	Yu-Young Kim Utilising three-dimensional statistical shape modeling for analyzing morphological variations in the mandible between males and females	
1140	Jake Shearer Moving toward digital cadaver preservation through smartphone-based LiDAR surface scanning	Choy Ker Woon Unravelling geometric morphometric method on frontal sinus for biological profiling among Malaysian from radiograph: A novel approach in forensic anthropology	
1150	Ali Al-Rubaie 2D vs 3D imaging techniques to identify the cribriform plate profile	Aspalilah Alias Morphological analysis of thoracic vertebrae: A 3D approach for human identification	
1200	Seung-Ho Han Musculoskeletal human body model of the Digital Korean database	 Elsevier – Saeed Shokri How Complete Anatomy can revolutionise your anatomy teaching: Evidence and examples	
1215-1315	 <p>Lunchtime @ Auahi Ora, University Union Building Gold Sponsor Elsevier Complete Anatomy Workshop Title: Elevate your blended teaching journey with Osmosis and Complete Anatomy Host: Alex Wong – Product Sales Manager APAC, 3D4Medical from Elsevier</p>		
1315-1445	Focused Symposium 3 Venue: Burns 1 <i>Applied anatomy for MedTech: Wearables, simulations and interventions</i> Chairperson: <i>Yusuf Cakmak</i> Presenters: Peter Hunter, Nikola Kasabov	Focused Symposium 4 Venue: Burns 2  <i>Extending the physical anatomy environment through immersive digital technologies</i> Chairpersons: <i>Laura Gregory, Junhua Xiao</i> Presenters: Pasuk Mahakkanukrauh, Krisztina Valter, Hee-Jin Kim, Ali Al-Rubaie	Focused Symposium 5 Venue: Burns 7 <i>Envisioning anatomy education landscape in the BANI world</i> Chairpersons: <i>Razif Abas, Muhamad Saiful Bahri Yusoff</i> Presenters: Siti Nurma Hanim, Madihah Rushaidhi
	Networking, tea/coffee break @ Auahi Ora, University Union Building Poster viewing: Group 2		
1445-1515	Networking, tea/coffee break @ Auahi Ora, University Union Building Poster viewing: Group 2		
1515-1600	 <p>Plenary lecture Title: Interactive anatomy exploring the Visible Korean and facilitation of learning through anatomical comics Speaker: Min Suk Chung (Ajou University School of Medicine, South Korea) Venue: Burns 1; Chair: Quentin Fogg</p>		
1600-1700	<p>Ethics Panel Discussion Title: The ongoing challenges facing body donation across cultural divides Speakers: Gareth Jones (University of Otago, New Zealand), Guo-Fang Tseng (Tzu Chi University, Taiwan), Siti Nurma Hanim Hadie (Universiti Sains Malaysia), Joyce El-Haddad (Macquarie University, Australia) Venue: Burns 1</p>		
Free Time			
1800-2300	<p>Conference dinner Venue: Tūhura Otago Museum 1800 onwards: Join us at Tūhura for some fun in the Science Centre and pre-dinner drinks in the tropical forest (with exotic butterflies)! 1930 onwards: Buffet dinner</p>		

Day 4: Sunday 3 December 2023

0800	Registration (all day)	
0830-0915	<p align="center">Plenary Lecture</p>  <p align="center">Title: <i>The evolution of the TASKA prosthetic hand: delivering a device that restores the activities of daily living</i> Speaker: <i>David Lovegrove (TASKA Prosthetics, Christchurch, New Zealand)</i> Venue: Burns 1; Chair: Phil Blyth</p>	
0920	<p align="center">Presentations K Theme: Musculoskeletal Venue: Burns 1 Chairperson: Helen Nicholson</p>	<p align="center">Presentations L Theme: Cellular/Neuroanatomy Venue: Burns 2 Chairperson: Aaron McDonald</p>
920	<p align="center">Satoru Muro</p> <p align="center">Stratified relationship of the muscle bundles in the levator ani functional parts: Implications for pelvic floor support mechanism</p>	<p align="center">Yanqing Wang</p> <p align="center">Nsun4 and Mettl3 mediated translational reprogramming of Sox9 promotes BMSC chondrogenic differentiation</p>
930	<p align="center">Mayur Azam</p> <p align="center">The development of an automated machine learning method for the determination of tendon vascularity and innervation</p>	<p align="center">Chaeyong Jung</p> <p align="center">Temozolamide promotes matrix metalloproteinase 9 expression in glioblastoma cells mainly activating p38 MAPK pathway</p>
940	<p align="center">Brion Benninger</p> <p align="center">Occipital joint formed from occipital bone and occipital vertebrae renames 1st cervical vertebrae</p>	<p align="center">Jufang Huang</p> <p align="center">Combining anatomical and cytobiological factors to assess the efficacy of ADSC-EVs in modulating retinal excitotoxicity</p>
950		<p align="center">Kistina Mohamed</p> <p align="center">Laser microdissection of the neurosensory domains of the human inner ear for downstream gene expression analysis</p>
1000-1030	<p align="center">Networking, tea/coffee break @ Auahi Ora, University Union Building Poster viewing: Group 2</p>	
1030-1200	<p align="center">Focused Symposium 6 Venue: Burns 1</p> <p align="center"><i>Mesosopic and surgical anatomy</i></p> <p align="center">Chairpersons: <i>Ming Zhang, Niels Hammer</i> Presenters: <i>Keiichi Akita, Guoqiang Bi, Ross Calopedos, Megan Papp</i></p>	<p align="center">Focused Symposium 7 Venue: Burns 2</p> <p align="center"><i>Digital human research and applications</i></p> <p align="center">Chairpersons: <i>Shuwei Liu, Manning Wang</i> Presenters: <i>Hongkai Wang, Zhijun Li, Zhonghe Zhang, Ye Teng</i></p>
1200-1300	 <p>POWERING ANATOMY.TV</p>	<p align="center">Lunchtime @ Auahi Ora, University Union Building</p> <p align="center">Poster viewing: Group 2</p> <p align="center">Tour of the Anatomy Museum with Professor Helen Nicholson</p>

1300-1400	Presentations M Theme: Education Venue: Burns 1 Chairperson: Laura Whitburn	Presentations N Theme: Surgery Venue: Burns 2 Chairperson: Quentin Fogg
1300	Ajith Sominanda Importance of anatomy knowledge in clinical practice; an analysis of perception among three categories of medical professionals in Sri Lanka	Maryna Al-Fauri Phenotypical variability of the skull base and its importance for neurosurgery
1310	Nurul Hidayati Enhancing neuroanatomy understanding through guided self-construction of both somatic and autonomic spinal nerve model: A novel approach to active learning	Arthi Ganapathy Clinical anatomy of median arcuate ligament syndrome: Unveiling the morphology and morphometry of median arcuate ligament, celiac trunk, and superior mesenteric artery, a radio anatomical study
1320	Shane Cassar An exploration of first-year anatomy students' perceptions, experiences and outcomes when comparing sole-taught and team-taught practical classes	Ryan Homes Exploring predictive factors for frailty index scores in renal and non-renal transplant cohorts
1340	Laura Gregory and Annabelle Kimmorley More than anatomy: The long-term impact of human dissection on employability skills	 Quentin Fogg Introducing the Melbourne Academy of Surgical Anatomy
1350	Amanda Meyer The current state of histology education in Australian and Aotearoa New Zealand medical curricula	
1400-1445	Plenary Lecture Title: <i>Steering through uncharted waters: Techniques, tips and teachings for adaptively responding to uncertainty</i> Speaker: <i>Michelle Lazarus (Monash University, Melbourne, Australia)</i> Venue: Burns 1 ; Chair: Krisztina Valter	
1450-1515	Networking, tea/coffee break @ Auahi Ora, University Union Building Poster viewing: Group 2	
1515-1530	Korean Association of Anatomists: Promotion of IFAA 2024 Venue: Burns 1	
1530-1600	Awards and Conference Close ANZACA President: A/P Quentin Fogg Venue: Burns 1	

POSTER SCHEDULE – POSTER NUMBERS TO BE ADVISED (AVAILABLE AT VENUE)

Group 1: Corresponding author surname A–K. Posters up by morning tea Day 2 (Friday), down after morning tea Day 3 (Saturday).

Group 2: Corresponding author surname L–Z. Posters up by afternoon tea Day 3 (Saturday), down after afternoon tea Day 4 (Sunday).