

New Zealand 2022 Virtual Conference PoCUS Presenter Biographies in Order of Appearance

Dr Jacques Loubser

Dr Jacques Loubser trained in Medicine at the University of Stellenbosch in South Africa and emigrated to New Zealand after working in the Cape for 3 years. In New Zealand he started at Hawera Hospital, Taranaki before ending up at Christchurch where he completed his training in Emergency Medicine. He is passionate about anything that makes medicine safer for patients while giving more certainty in diagnosis as well as making the diagnostic process more efficient, satisfying and fun. Ultrasound in medicine ticks all the boxes and continues to grow as a field. He is actively promoting ultrasound education as the clinical lead for ultrasound at Christchurch Hospital Emergency Department and he is currently embarked on a DDU with ASUM.



A/Prof Abhilash Koratala

Abhilash Koratala is an academic nephrologist and Director of Clinical Imaging for Nephrology at the Medical College of Wisconsin. He is an internationally acclaimed expert in point-of-care ultrasonography (POCUS), particularly bedside hemodynamic assessment using Doppler techniques. He developed well-structured POCUS curricula for nephrology trainees, published in the *American Journal of Kidney Diseases* and *Kidney360*. In addition, he promotes POCUS on online platforms such as Twitter (handle: @NephroP) and authors a series of posts for a feature called Focus on POCUN on the Renal Fellow Network, a nephrology blog that partners with the American Society of Nephrology (ASN). His online POCUS teaching tool *NephroPOCUS.com* won the 2020 ASN innovations in kidney education award. Apart from POCUS, he enjoys all aspects of nephrology and has authored over 160 scientific publications in peer-reviewed journals to date.



Dr Segun Olusanya

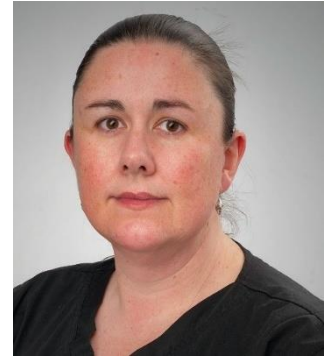
Segun is one of the UK's longest serving critical care registrars, currently working at Guy's and St Thomas' NHS Foundation Trust in London. Along the way he has acquired interests in ECMO, point of care ultrasound, medical education, and the wellbeing of the critical care practitioner. He is accredited in Advanced Critical Care Transthoracic Echocardiography with the British Society of Echocardiography and sits on the UK Focused Ultrasound in Intensive Care Committee. He has been privileged to teach and talk about POCUS all around the world.

His single greatest achievement is running a wedding cake company with his wife, Fehintola (by "running" he means "eating all the leftover cake"). You can find their creations at www.monanniecakes.com. And yes, he has scanned a cake before."



Dr Laura Joyce

Dr Laura Joyce is an Emergency Medicine Specialist based at Christchurch Hospital, New Zealand, and Senior Lecturer in Emergency Medicine at University of Otago Christchurch. She supervises multiple CCPU candidates in Christchurch and is involved in the planning of an undergraduate ultrasound curriculum for medical students. Laura's main areas of interest include ultrasound training and accreditation at undergraduate and post-graduate levels, as well as improving decision making and patient flow in the clinical context.



Carolynne Cormack

BAppSc(MedRad) GDUIt GCHPE FASA AMS

Senior Sonographer, PoCUS Educator, Monash Health, Victoria.

Carolynne is a senior sonographer and passionate ultrasound educator. She has been instrumental to the growth and success of a large point of care ultrasound (PoCUS) program at Monash Health. Carolynne was awarded Australasian Sonographers Association (ASA) Educator of the Year in 2016 and recognised as an inaugural ASA Fellow in 2018. She serves on the board of Emergency Medicine Ultrasound Groups (EMUGs) and ASUM CCPU/CAHPU special advisory group. Carolynne is currently underway with Master of Philosophy research on the development of PoCUS education in Australasia.



Martin Necas

Martin works a clinical specialist sonographer in Hamilton, New Zealand. Martin completed training in general and vascular ultrasound in Seattle, USA in 1996 and subsequently attained a Master's Degree in Sonography at the University of South Australia in 2007. Martin has practiced diagnostic ultrasound in USA, New Zealand and Australia in a wide variety of clinical settings ranging from private centers to tertiary teaching hospitals. Martin is an ultrasound enthusiast, keen clinical instructor, lecturer and a prolific conference speaker. He is an author of a range of journal articles as well as a book titled *Artifacts in Diagnostic Medical Ultrasound*.



Holly Smith

Holly studied Radiation Therapy through the University of Otago, practicing at Waikato Hospital for five years and specialising in brachytherapy (radiation delivered by intracavitary or interstitial means). During this time, the department moved from planning prostate brachytherapy using CT acquired images, to ultrasound-based planning, and also using ultrasound to check the position of the intracavitary implants used for cervical brachytherapy, piquing my interest in sonography. In early 2020 I started studying ultrasound through the University of Auckland, obtaining a training position later in the year at Waikato Hospital. Holly is loving the change and enjoys the challenge of the clinical and academic environment. In her free time, she enjoys spending time with friends and family and in the winter escaping to the snow for the weekend.



Prof Gillian Whalley

Professor Gillian Whalley is an echocardiographer and clinical researcher at the University of Otago (Dunedin, New Zealand) with interests in heart failure and indigenous cardiovascular care. Her research has evaluated the role of cardiovascular ultrasound in prognosis; the use of ultrasound to screen asymptomatic high-risk populations; and indexing heart size for body composition and ethnicity. She is currently finishing a study, funded by the Health Research Council, to establish the appropriateness of echocardiographic reference ranges for Maori and Pacific New Zealanders. Professor Whalley's lifelong passion for echocardiography began as a trainee sonographer in 1985. She started working in research in 1990 and then completed a PhD in Medicine in 2006. She has published over 150 journal papers and been involved with clinical trials, methodological studies and has an interest in meta-analyses of ultrasound data. She has supervised several successful PhD and Masters candidates. Professor Whalley has served as an Associate Editor for the several international journals including AJUM since 2018.



Jo McCann

NDMDI, BHSc (MI), DMU, PGDip (US)

Jo is a senior sonographer in New Zealand, working in a variety of clinical and educational roles. She is currently the Course Co-ordinator and Clinical Lecturer for the Clinician Performed Ultrasound (CPU) course at the University of Otago Medical School, teaching the Point of Care Ultrasound general ultrasound paper. As an appointed Honorary Teaching Fellow at the University of Auckland, Jo is supervises post-graduate students in the Medical Imaging Department. Jo has served as an ASUM Director since 2017 and is the past Chair of ASUM NZ Branch and the DMU Board of Examiners. She is currently a Board member for the Post Graduate DMU(Asia) Ultrasound programme.

Jo volunteers her time and expertise to improve the ultrasound skills in low resource nations. She travelled with WFUMB to Ethiopia in 2019 and Indonesia in 2020 to assist with the ASUM Outreach at Bumi Sehat. Further demonstrating her passion and commitment to expand ultrasound skills and knowledge globally, Jo has accepted an appointment as programme manager for RAD-AID in the South Pacific.



Nicole Curtis

Nicole may be the only nutritionist vascular sonographer in existence. Initially, she studied human nutrition at the University of Otago and worked as a nutrition researcher in Vancouver, Canada. Nicole returned to New Zealand as a medical research coordinator for the University of Otago and launched the successful abdominal aortic aneurysm (AAA) screening program in Dunedin. Over the course of this programme, she screened over 3000 at-risk people for AAA. Nicole completed the Diploma of Medical Ultrasonography and now works as a specialist vascular sonographer in Nelson, New Zealand. She is a published author of multiple vascular research articles in peer-reviewed journals and is passionate about keeping up to date with new and emerging areas of ultrasound.



Dr Luke Phillips

FACEM, MBBS, BSc(BioMed)(Hons), CCPU

Dr Luke Phillips is an Emergency Physician at Alfred Health in Melbourne and currently the Co-Director of Emergency Medicine Training. He is a passionate educator and has been fortunate enough to be able to combine this with his love of emergency ultrasound. Luke has a special interest in the use of focused ultrasound for critically unwell patients, in trauma management and in the use of ultrasound to guide procedures and improve patient safety in the ED. He is currently the Co-Chair of the Emergency Medicine Ultrasound Group (EMUGS.org) Board of Directors and holds a number of CCPU units through ASUM. Luke is also involved in the department's international education program and has developed a Certificate of Emergency Medicine which is currently being run in both Germany and India. He also has interests in human factors, debriefing (particularly after clinical events), and simulation.

His twitter handle is [@lukemphillips](https://twitter.com/lukemphillips).



Dr Sierra Beck

Sierra holds a joint clinical appointment as a Senior Lecturer in the Department of Medicine at the Otago Medical School working clinical as an emergency medicine physician at Dunedin Hospital in Dunedin, NZ. She completed an emergency medicine ultrasound fellowship at Emory University. She is interested in all things ultrasound including using ultrasound as an adjunct to physical examination, integration of ultrasound into undergraduate medical education, ultrasound guided procedures, and point-of-care ultrasound of the heart and lungs.



Dr Scott Sterling

Scott is originally from the USA. He did his post graduate training at the University of South Florida (USF) in emergency medicine. During this time Scott obtained his RDMS. He then moved to California where he was the EM ultrasound lead at a small community hospital outside San Diego. His wife missed Australia and was accepted into medical school on the Gold Coast and in 2013 they returned to Australia.

Scott became the ultrasound lead and Deputy Director at Logan Hospital in QLD. Logan is a busy ED seeing around 110K visits per annum. He is currently on the ACEM ultrasound subcommittee, enjoys filling his surf addiction on the Gold Coast's points and spending time with his amazing wife (an ED registrar!) and two children.



Dr Robyn Brady

MBBS FRACP FACEM MRCPI CCPU

Robyn is part of the first wave of PEM physicians in Australia and in a long career has focussed on the innovations that she feels have the most impact on emergency practice: scenario-based training, diagnostic reasoning, and point of care ultrasound. She has practiced or taught ultrasound in multiple diverse settings from the tertiary hospital to remote Australia, East Timor, and a temporary field hospital during the Northern Rivers floods. In 2021 she was named ASUM Educator of the year.

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