

Dr. Chris Cox

Chris's point of care ultrasound (PoCUS) journey began in 1997 in his second year at Bellevue Hospital/New York University (NYU) Emergency Medicine (EM) Residency when he lifted the probe on the behemoth US machine as the resident liaison for PoCUS. In 2002, he was credentialed in core EM PoCUS in his first community Attending position at Southern Maine Medical Center, Biddeford, Maine. After participating in an American College of Emergency Physicians (ACEP) Advanced US course, he added Cardiac, DVT, and Gallbladder PoCUS to his clinical practice.

Transitioning to Canadian EM, he acquired CEUS/C-PoCUS IP status in 2008 at Dartmouth General Hospital (DGH), Dartmouth, NS, and began instructing in CEUS/C-POCUS courses. In 2011 he was designated a CEUS/C-PoCUS Acute Care Core "Master instructor" and since has been granted the distinction of Master Instructor in Advanced Diagnostic, Musculoskeletal, Internal Medicine, and Resuscitation tracks within C-PoCUS. Chris has participated as an Assistant Director and a preceptor for PoCUS EAST IP Bootcamps since inception, a co-director for the ECCU course in 2019, and an instructor in EDE-2, and multiple CanPocus/ECCU courses. This Spring he became one of two Maritime physicians with credentials to teach in Tele-EDE courses remotely via Butterfly Tele-guidance technology and has greatly enjoyed teaching PoCUS groups live in Alberta and BC from his kitchen in Halifax, NS!

He has been fortunate to be involved in multiple publications, which include co-author of the chapter "*Early Pregnancy and Pelvic Ultrasound*" in Paul Atkinson's "*Point of Care Ultrasound for Emergency Medicine and Resuscitation*" and update author for the Clerkship Directors in Emergency Medicine (CDEM) within the Society for Academic Emergency Medicine (SAEM) of the M4 online EM curriculum chapter "*Congestive Heart Failure*". With Ryan Henneberry the DAL EM Ultrasound director, In Ultrasound, 2015, *PoCUS Series: My patient has abdominal and flank pain: Identifying renal causes*. In CJEM, 2018, "*Bilateral Ureterolithiasis: A true positive and and false negative PoCUS exam in a patient with renal colic*". In 2020, the review of the PoCUS abdominal technique in "*Small Bowel Obstruction*" in the Canadian Journal of Diagnosis. Recently with Dr Weerdenberg, their PoCUS diagnosis of a pediatric traumatic ulna artery pseudo-aneurysm, *The Case of an injured Wrist* was selected for the "Cool Case" presentation at the international Pediatric Ultrasound "P2 network" conference.

His medical education experience includes the ACEP Teaching Fellowship, 2015-16, in Dallas, Texas. His fellowship project *Use of a novel e-learning module: Emergency Medicine (EM) clerkship point of care ultrasound(PoCUS), to provide an equal medical student experience across three provinces* was featured at the World Congress of Ultrasound in Medical Education(WCUME) in Montreal, 2017. In the spirit of Free Open Access Medical Education (FOAMed), the module has been utilized in the curriculum at Dalhousie NS, and NB as well as University of Saskatchewan Medical Schools. Also, his PoCUS clinical strategy, *PoCUS: Making the diagnosis in resource limited practices* was presented to the national Rural and Remote Conference, in 2019.

Transitioning this year to post graduate education he created the curriculum for the ***PoCUS HFX Fellowship*** which recently welcomed the program's first ACE candidate Jillian Carter MD and now is currently training the worlds' next PoCUS experts.

When not holding the probe, he is an age group triathlete and enjoys exercising in the outdoors clutching a host of bike handlebars through all 4 seasons. Thanks to Halifax's Ocean proximity he enjoys paddling his longboard into waves. He is a former soccer coach for his Boys Halifax City under 18 A team and a dad fan for his sons' and daughter's frequent sport outings. He can be reached for any PoCUS related questions or to set up remote guidance assistance in the future at chriscox@dal.ca.