LOOKING BEYOND ACADEMIA

Are you wondering what opportunities may lay outside the ivory walls of academia? All CSB student attendees are invited to take part in the 2012 Student Workshop. This event is designed to highlight career paths that stray from that of the tenure track. Students will have the unique opportunity to hear from a panel of three leading industry experts from a range of fields including forensic biomechanics, ergonomics, and pediatric orthopedics. Each speaker will discuss their background, why and how they chose their respective career path, and share some of their experiences working in industry. Following the speaker panel, students will have an opportunity to network and connect with speakers in a relaxed environment.

THE EVOLUTION OF AN ERGONOMIST
Dan Robinson
Robinson Ergonomics Inc., Coquitlam, BC

Dan Robinson is a Canadian Certified Professional Ergonomist (CCPE) who has been consulting in ergonomics for more than twenty years, and operating Robinson Ergonomics Inc. since 2000. Dan completed his PhD and MSc. degrees at Simon Fraser University in the School of Kinesiology. Dan’s consulting experience spans a wide variety of applications that includes military, medical, mining, manufacturing, trucking, warehousing, construction, laboratory, office, hazardous waste and the performing arts. He has authored several journal articles, many conference papers, and provided technical input to a series of graphic novels.

FROM THE LAB TO LITIGATION: FORENSIC BIOMECHANICS
Robert Parkinson
Giffin Koerth Forensics, Toronto, ON

Dr. Robert Parkinson is a Biomechanist and Certified Kinesiologist at Giffin Koerth Forensics, in Toronto, Ontario and holds a Doctorate degree in Biomechanics from the University of Waterloo. Dr. Parkinson specializes in injury biomechanics, biomechanical modeling of human movement, as well as occupational injury and ergonomics, and has published in numerous international scientific journals including the Journal of Biomechanics and the Spine Journal. Dr. Parkinson holds an Adjunct Professor position at the University of Waterloo, and has been asked to speak at multiple Universities, conferences, and industry events.

THE ROLE FOR CLINICALLY RELEVANT BIOMECHANICS IN PAEDIATRIC ORTHOPAEDICS
Alec Black
Sunny Hill Health Centre for Children, Vancouver, BC

Alec Black is the Director, and one of the founders of the Shriners Gait Lab (SGL) at Sunny Hill Health Centre for Children. The SGL is a biomechanics tool that helps clinicians to develop interventions for children with walking disorders including cerebral palsy, spina bifida, club feet and traumatic brain injury. The Gait Lab was started in 1996 and since then has seen over 250 children per year. Alec’s research interests focus on clinically relevant outcomes. Recently he and his group have been working on a multi segmented biomechanical foot model that can be used clinically on children with cerebral palsy and club feet.