

Canadian Musculoskeletal Conference (CMC) Young Investigators' Training Day (Theme: Musculoskeletal Imaging)

Co-chairs: Andy Kin On Wong / Marta Erlandson

TIME	AGENDA ITEM	PRESENTER
7:45 am – 8:15 am	Continental Breakfast & Poster Session	
8:15 am – 8:30 am	Introduction and Overview of MSK Research	Andy Kin On Wong, PhD Marta Erlandson, PhD
8:30 am – 9:30 am	Bone Biology and Biomechanics	
8:30 am – 9:00 am	Introduction to bone biology	Robert Josse, MD
9:00 am – 9:30 am	Muscle force production, gait & balance	Andrew Laing, PhD
9:30 am – 10:00 am	Break & Poster Session	
10:00 am – 11:00 pm	Musculoskeletal Imaging	
10:00 am – 10:30 am	Imaging technologies & image acquisition	Sarah Manske, PhD
10:30 am – 11:00 am	Bone, muscle and fat image segmentation	Andy Kin On Wong, PhD
11:00 am – 12:00 pm	Select Oral Poster Presentations	
11:00 am – 11:20 am	Obesity affects irisin in 6-9 y olds	Neil Brett PhD Candidate
11:20 am – 11:40 am	SPPB Predicts ED visits and Hospitalization	Ahmed Negm, MD, MSc, PhD Candidate
11:40 am – 12:00 pm	Parental non-hip fractures and offspring fracture risk	Shuman Yang, PhD, MSc
12:00 pm – 1:30 pm	Lunch / Poster Session / Photography	
1:30 pm – 3:00 pm	Practical Issues with Research	
1:30 pm – 2:00 pm	Setting up your own lab / research group	Richard Kremer, MD PhD
2:00 pm – 2:30 pm	Framing your research question & hypotheses	Angela Cheung, MD
2:30 pm – 3:00 pm	Sample size calculation and power analysis	George Tomlinson, PhD
3:00 pm – 4:00 pm	Break & Poster Session	
4:00 pm – 5:00 pm	Analyzing Data	
4:00 pm – 4:30 pm	Structural equation modeling	Andy Kin On Wong, PhD
4:30 pm – 5:00 pm	Classical & Bayesian approaches to combining data	Olga Gajic-Veljanoski, PhD
5:00 pm	Closing Remarks & Evaluation Submission	Andy Kin On Wong, PhD Marta Erlandson, PhD

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