

PIZZA WITH THE PROFS

Wednesday, March 27, 2019

12:00 pm - 1:00 pm

Sunlife Town Hall

Grand River Hospital

Freeport Campus



MECHANICS OF TISSUE DAMAGE IN OSTEOARTHRITIS – LEVERAGING THIS KNOWLEDGE TO IMPROVE CARE

In this presentation, I will provide an overview of osteoarthritis (OA), the biomechanical contributors to worsening disease and the current clinical guidelines for treating OA. I will share work conducted in my laboratory in two areas: (1) Linking knee mechanics to tissue damage and (2) Applying biomechanics to improve care. Finally, I will describe an outline for potential future work to initiate discussion on synergies and common interests.

To attend RSVP via Eventbrite

Questions? Please contact cbb@uwaterloo.ca or sarah.laferriere@grhosp.on.ca

DR. MONICA MALY

Monica Maly, PT PhD, is an Associate Professor and Director of the Mobilize Clinical Biomechanics Laboratory in the Department of Kinesiology at the University of Waterloo.

Monica's research goals are to promote physical activity among adults with OA and provide strong training experiences for academic and professional students.

She uses biomechanical methods and imaging to evaluate the impact of physical activities on joint health, mobility and productivity. This work is supported by the Natural Sciences and Engineering Research Council of Canada, Canadian Institutes of Health Research (CIHR) and the Canadian Foundation for Innovation.

Monica's work has earned awards from CIHR and the American Society of Biomechanics.

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