

MASc and PhD Positions in Traumatic Injury Biomechanics

The Impact Dynamics Research Lab (www.carleton.ca/impact) is looking for qualified candidates to investigate traumatic injury biomechanics. Our current work focuses are blunt impact trauma to the lungs and head. These position are for 2019 start dates and could be as early as May.

Our research group has access to unique imaging facilities and experimental diagnostics, including a high-speed x-ray capability (featured here:

<https://www.youtube.com/watch?v=A3zV3cVay5E>). Our research team is currently working on several industrial collaborations, both nationally and internationally, related to behind armour trauma and concussion. Interested candidates will be involved in experimental investigations into impact injury, which will include

We are seeking individuals with a Master's or Bachelor's degree in a relevant Engineering or Physics discipline. Candidates with prior experimental experience or experience with medical image processing are encouraged to apply. Willingness to work with cadavers and animal tissues is an asset. Interested applicants are encouraged to contact Oren Petel (email: oren.petel@carleton.ca). Please provide a CV and a short description of your research interests.