

### Potential PM&R Research Supervisors

Name	Academic Position	Research Focus	Available undergrad MD project(s)	Available resident project(s)	Available grad student project(s) - program	Contact
<b>Mark Bayley</b>	Clinician Quality & Innovation	<ul style="list-style-type: none"> <li>• Concussion</li> <li>• Stroke recovery research</li> <li>• Guideline development and implementation</li> <li>• Health services delivery using large administrative databases</li> <li>• telerehabilitation</li> </ul>	<ul style="list-style-type: none"> <li>• Concussion service is looking for assistance</li> <li>• Assistance with robotics research</li> <li>• Updating a smartphone app by reviewing evidence</li> </ul>	<p>Concussion recovery could examine our data</p> <p>Stroke recovery research with my post doctoral fellow.</p>	<p>Have postdoctoral fellow, master students and PHD students already</p> <p>Not currently looking for more grad students</p>	<a href="mailto:Mark.bayley@uhn.ca">Mark.bayley@uhn.ca</a>
<b>Chris Boulias</b>	Community Researcher	n/a	n/a	n/a	n/a	n/a
<b>Anthony Burns</b>	Clinician-Investigator	n/a	n/a	n/a	n/a	n/a
<b>Carolina de Campos Gonzaga Carvalho</b>	Clinician-Educator	<ul style="list-style-type: none"> <li>• CV Prevention and Rehabilitation</li> <li>• Women's CV Health</li> <li>• Cardiometabolic</li> <li>• Education for physicians and healthcare providers</li> </ul>	no	Yes	yes	<a href="mailto:carolina.carvalho@uhn.ca">carolina.carvalho@uhn.ca</a>
<b>Cathy Craven</b>	Clinician-Scientist	<ul style="list-style-type: none"> <li>• Sublesional Osteoporosis</li> <li>• SCI Health Services</li> <li>• Patient Engagement</li> </ul>	no	Yes	yes	<a href="mailto:Cathy.craven@uhn.ca">Cathy.craven@uhn.ca</a>

		<ul style="list-style-type: none"> <li>EMD Risk</li> </ul>				
<b>John Flannery</b>	Clinician-Educator	Chronic Pain -ECHO Project		CQI in Pt flow for system change CP	CQI for Pt Flow system change in CP	<a href="mailto:john.flannery@uhn.ca">john.flannery@uhn.ca</a>
<b>Christian Fortin</b>	Clinician Quality & Innovation		no			
<b>Andrea Furlan</b>	Clinician-Scientist	<ul style="list-style-type: none"> <li>Chronic Pain</li> <li>Project ECHO</li> <li>Social media for patient education</li> <li>Implementation Science</li> <li>Systematic reviews</li> </ul>	<p>Patient's surveys</p> <p>Pre-post ECHO questionnaires</p>	<p>Systematic review</p> <p>Data analysis of existing databases</p> <p>Research about social media impact</p>	Implementation Science of ECHO in Canada: interviews, data collection from multiple hubs across Canada	<a href="mailto:andrea.furlan@uhn.ca">andrea.furlan@uhn.ca</a>
<b>Julio Furlan</b>	Clinician-Investigator	Neurorehabilitation in SCI		<ul style="list-style-type: none"> <li>Clinical neurophysiology in SCI</li> <li>Retrospective cohort study on sleep apnea and osteoporosis after SCI</li> </ul>		<a href="mailto:Julio.Furlan@uhn.ca">Julio.Furlan@uhn.ca</a>
<b>Matthew Godleski</b>	Clinician Quality & Innovation	n/a	n/a	n/a	n/a	n/a
<b>Meiqi Guo</b>	Clinician Quality & Innovation	<ul style="list-style-type: none"> <li>Patient Safety</li> <li>Telerehab</li> <li>Acquired brain injury</li> <li>Anything "out-of-the-box" - I am open to new ideas! (ex. topics in equity, FND, plant</li> </ul>	I always have projects going on. Would always appreciate help from med students who are interested in screening/abstract	<ul style="list-style-type: none"> <li>Developing a real-time prediction score for falls in rehab</li> <li>Bibliometric analysis of priorities in</li> </ul>	No	<a href="mailto:meiqi.guo@uhn.ca">meiqi.guo@uhn.ca</a>

		therapy... use your imagination!)	ion for scoping or systematic reviews, interviewing/analyzing qualitative data from interviews/focus groups, or helping with the data analysis and write-up for quantitative projects	rehab research (my hypothesis is that research isn't lining up with patient needs and this is creating inequity <ul style="list-style-type: none"> <li>• ExerciseHero! - Analyzing the outcomes of a web-based app to promote the mobility of rehab inpatient</li> <li>• Residents can also feel free to bring their own ideas!</li> </ul>		
<b>Shane Journey</b>	Community Researcher	<ul style="list-style-type: none"> <li>• Inpatient rehab and comorbidity in amputees, bone health and fracture rehab,</li> <li>• Occupational injury and rehab (MSK and neuro (TBI &amp; other)</li> </ul>	<ul style="list-style-type: none"> <li>• systematic or scoping review on a range of topics in PM&amp;R</li> <li>• retrospective studies with inpatient data</li> <li>• PREP reviews for AJPM&amp;R</li> </ul>	<ul style="list-style-type: none"> <li>• systematic or scoping review on a range of topics in PM&amp;R</li> <li>• retrospective studies with inpatient data</li> <li>• Other topics ...willing to discuss !</li> </ul>	No	<a href="mailto:shane.journey@utoronto.ca">shane.journey@utoronto.ca</a>

			where possible.			
<b>Dinesh Kumbhare</b>	Clinician-Scientist	n/a	n/a	n/a	n/a	n/a
<b>Shannon MacDonald</b>	Clinician-Investigator	Factors that impact access to and outcomes in stroke rehabilitation	No	Yes	At capacity for 2024/25 academic year	<a href="mailto:shannon.macdonald@sinaihealth.ca">shannon.macdonald@sinaihealth.ca</a>
<b>Heather MacNeill</b>	Clinician-Educator	<ul style="list-style-type: none"> <li>• Educational technology eg. generative AI, Hyflex learning, podcasting, etc</li> <li>• Faculty Development</li> <li>• Occasional small rehab research, esp if involves technology enabled rehab</li> </ul>	Yes	Yes	Yes	<a href="mailto:heather.macneill@sinaihealth.ca">heather.macneill@sinaihealth.ca</a>
<b>Amanda Mayo</b>	Clinician Quality & Innovation	<ul style="list-style-type: none"> <li>• 3D printing of prosthetics and orthotics</li> <li>• TMR/RPNI and other treatments or neuromas in amputees</li> <li>• Quality of life post upper extremity limb loss</li> </ul>	No - for this students go through SRI process with our research lab scientists	Yes	projects available and funded by grants	<a href="mailto:amanda.mayo@sunnybrook.ca">amanda.mayo@sunnybrook.ca</a>
<b>Paul Oh</b>	Clinician-Investigator	<ul style="list-style-type: none"> <li>• Exercise and behavioural interventions for chronic disease prevention and management</li> </ul>	yes	yes	yes	<a href="mailto:Paul.oh@uhn.ca">Paul.oh@uhn.ca</a>

		<ul style="list-style-type: none"> <li>• patient education to improve health knowledge, literacy and outcomes</li> <li>• technology (e.g., smartwatch and App) to support rehab</li> </ul>				
<b>Alexandra Rendely</b>	Clinician Quality & Innovation	Musculoskeletal rehab, sports medicine, COVID rehab	not at this time	MSK Matters - sports and exercise podcast	no	<a href="mailto:alexandra.rendely@uhn.ca">alexandra.rendely@uhn.ca</a>
<b>Robert Simpson</b>	Clinician-Investigator	<ul style="list-style-type: none"> <li>• Multiple sclerosis rehabilitation</li> <li>• Mindfulness in rehab</li> <li>• Compassion in rehab</li> <li>• Long COVID rehabilitation</li> <li>• Burnout</li> </ul>	Possible	Possible	Have 3 PhD students, one PDF	<a href="mailto:Robert.simpson@uhn.ca">Robert.simpson@uhn.ca</a>
<b>Alan Tam</b>	Clinician Quality & Innovation	<ul style="list-style-type: none"> <li>• Economic Evaluation of Rehab interventions</li> <li>• Evaluation of TBI care and outcomes using administrative data</li> <li>• Quality of Life outcomes in ABI populations</li> <li>• Clinical interventions in acute concussion</li> </ul>	Possible – can discuss potentially small/specific project within existing larger projects	<ul style="list-style-type: none"> <li>• Early whiplash intervention in concussion patients with concurrent whiplash</li> <li>• evaluation of concussion administrative and patient level data</li> <li>• review of resource</li> </ul>	no	<a href="mailto:Alan.tam@uhn.ca">Alan.tam@uhn.ca</a>

				utilization of return to driving assessments following change in practice <ul style="list-style-type: none"> <li>• quality of life  outcomes  from  rehabilitation  through  community  re-integration  in ABI</li> </ul>		
<b>Nimish Mittal</b>	Clinician- Investigator	musculoskeletal ultrasound, hypermobility disorders				

n/a = no information provided

Current as of May 2024