

Student	Project	Supervisor(s)	Institution(s)	Collaborator(s)
2015				
Post Doctoral Fellowship				
<i>Yousef Shafieyan</i>	Benchmarking of a novel device for cardiomyocyte-based high-throughput screening of cardiovascular drugs	Boris Hinz	UofT	Christopher Caldarone, SickKids Jason Maynes, SickKids
<i>Azad Eshghi</i>	Development of fluid shear force screening technologies for identification of small molecule inhibitors of bacterial attachment to cardiac valve endothelia	Tara Moriarty; Craig Simmons	UofT; IBBME/UofT	Andrew Simor, SHSC
<i>Pedro Marques</i>	Determinants of inflammation in atherosclerosis, a major cause of heart failure	Sergio Grinstein	SickKids	Myron Cybulsky, UHN
<i>Uros Kuzmanov</i>	Phosphoproteomics-based elucidation of disturbed signaling pathways in myocardial tissues from patients with end-stage cardiomyopathy	Anthony Gramolini	UofT	Phyllis Billia, UHN Peter Backx, UHN Andrew Emili, UofT
<i>Keith Dadson</i>	Control of cardiac growth and energy metabolism by Mule	Phyllis Billia; Vivek Rao	UHN	Anthony Gramolini, UofT
PhD				
<i>Jun Liu</i>	Automated gap junction function measurement and high-throughput drug screen to identify therapies for arrhythmogenic cardiomyopathies	Yu Sun; Robert Hamilton	UofT; SickKids	--
<i>Natalie Galant</i>	Developing targeted monoclonal antibody therapies to detect and reverse cardiac amyloidoses	Avijit Chakrabartty	UHN	Christopher Yip IBBME/UofT
<i>Michael Sugiyama</i>	LDL transcytosis in the initiation of atherosclerosis: Identifying the mechanisms that link sex and LDL levels to disease progression	Warren Lee	SMH/UofT	Myron Cybulsky, UHN; David Hwang, UHN; Gang Zheng, UHN; SickKids Imaging Facility

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Masters				
<i>Shin-Haw Lee</i>	Reep5 is essential for formation, maintenance, and function of the endoplasmic reticulum in cardiac muscle	Anthony Gramolini	UofT	Ian Scott, SickKids
<i>Jillian Macklin</i>	<i>In vivo</i> ontogeny based targeting of monocyte-derived macrophages and prevention of ischemic cardiac injury	Slava Epelman	UHN	Milica Radisic, UofT SickKids Biobank
Undergraduate/Summer				
<i>Colin White-Dzuro</i>	Proteomics analysis of the overexpression of PMCA4b pre- and post-Heart Failure	Mansoor Husain	UHN	Anthony Gramolini, UofT
<i>Ioana Stochitoiu</i>	The effects of pregnancy on maternal cardiac structure and function and materno-fetal hemodynamics in women with pre-existing heart disease as assessed by cardiac magnetic resonance imaging	Mike Seed; Rachel Wald	SickKids; UHN	--
TRCHR Scholar				
<i>Sina Hadipour-Lakmehsari</i>	Role of Receptor Expression Enhancing Protein 5 (Reep5) in cardiomyocyte response to ER stress and heart failure	Anthony Gramolini	UofT	Ian Scott, SickKids
<i>Alexandra Lucato</i>	Preventing congestive heart failure with first trimester HUCPVC treatment after MI	Clifford Librach	UofT	Ren-Ke Li, UHN