### TRCHR Education Fund Award Recipients – 2016

<table>
<thead>
<tr>
<th>Trainee</th>
<th>Project</th>
<th>Supervisor(s)</th>
<th>Institution(s)</th>
<th>Collaborator(s)</th>
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<tbody>
<tr>
<td><strong>Post Doctoral Fellowship (6)</strong></td>
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<tr>
<td>Uros Kuzmanov (Renewal)</td>
<td>Phosphoproteomics-based elucidation of disturbed signaling pathways in myocardial tissues from patients with end-stage cardiomyopathy</td>
<td>Anthony Gramolini</td>
<td>UofT</td>
<td>Phyllis Billia, UHN Peter Backx, UHN Andrew Emili, UofT</td>
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<tr>
<td>Rohan Alves</td>
<td>“Multicolor” MRI tracking of multiple cell types in cardiac regenerative medicine</td>
<td>Hai-Ling Margaret Cheng</td>
<td>UofT</td>
<td>Michael Laflamme, UHN</td>
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<tr>
<td>Sarah Dick</td>
<td>The role of embryonic-derived cardiac macrophages in the initiation of heart failure</td>
<td>Slava Epelman</td>
<td>UHN</td>
<td>Boris Hinz, Milica Radisic, UofT Michael Laflamme, UHN</td>
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<tr>
<td>Daniel Keir</td>
<td>Elucidating mechanisms for paradoxical sympathetic excitation during exercise in heart failure and the impact of conventional exercise training to inform future patient-specific protocols</td>
<td>John Floras</td>
<td>UHN</td>
<td>Anne Dipchand, SickKids James Duffin, UofT Paul Oh, UHN</td>
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<tr>
<td>Davide Marini</td>
<td>Heart failure management in pregnancy – the role of advanced MRI for materno-fetal hemodynamic monitoring</td>
<td>Mike Seed</td>
<td>SickKids</td>
<td>Rachel Wald, UHN Mathew Sermer, Mount Sinai</td>
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<tr>
<td>Li Wang</td>
<td>Development of novel devices and methods to evaluate the cardiac activity of pharmaceuticals</td>
<td>Yu Sun, Jason Maynes</td>
<td>UofT</td>
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<td><strong>PhD (3)</strong></td>
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<td>Natalie Galant (Renewal)</td>
<td>Therapeutic monoclonal antibodies to detect and halt TTR-related cardiac amyloidosis</td>
<td>Avijit Chakrabartty</td>
<td>UHN</td>
<td>Christopher Yip, UofT</td>
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<td>Juarez Rosso de Braga</td>
<td>Utilization of myocardial viability testing in ischemic heart failure</td>
<td>Douglas Lee</td>
<td>UHN</td>
<td>ICES</td>
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<tr>
<td>Yimu Zhao</td>
<td>Biowire platform for modelling of cardiac fibrosis</td>
<td>Milica Radisic</td>
<td>UofT</td>
<td>Craig Simmons, UofT Shoumo Bhattacharya, Oxford</td>
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<td><strong>Summer student (2)</strong></td>
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<td>Ioana Stochitoiu</td>
<td>The effects of pregnancy on maternal cardiac function and materno-fetal hemodynamic interactions in women with pre-existing heart disease as assessed by cardiac Magnetic Resonance Imaging</td>
<td>Mike Seed, Rachel Wald</td>
<td>SickKids, UHN</td>
<td>Rachel Wald, UHN Mathew Sermer, Mount Sinai</td>
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<tr>
<td>Colin White-Dzuro</td>
<td>Proteomic analysis of cardiac PMCA4b overexpression before and after onset of heart failure</td>
<td>Mansoor Husain</td>
<td>UHN</td>
<td>Anthony Gramolini, UofT</td>
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