Hotchkiss Brain Institute
Research Day 2020
Thursday, May 28, 2020
9 am – 6 pm
Libin Theatre
The HBI’s 16th Annual Research Day  
May 28, 2020  |  Libin Theatre  
Registration 8:30 am  |  Full day program begins 9 am  
Poster session abstract deadline April 3, 2020

Agenda

9:00 - 9:05  Welcome and Introduction: Dr. David Park, PhD

**Session #1 Injury & Rehabilitation – Chair: Dr. Tuan Trang, PhD**

9:05 - 9:25  Dr. Aaron Phillips, PhD  
* A Neuroprosthetic For Managing Sympathetic Dysfunction After Spinal Cord Injury

9:25 - 9:45  Dr. Patrick Whelan, PhD  
* The Control Of Descending Locomotion. Taking Dopamine For A Spin

9:45 - 10:00  Brandon Craig (PhD student, Dr. Adam Kirton, MD)  
* Understanding Developmental Structural Neuroplasticity In Children With Perinatal Stroke Using Advanced Mri Techniques

10:00 - 10:30  **Coffee Break – HRIC Atrium**

**Session #2 Extreme Physiology – Chair: Dr. Marc Poulin, PhD**

10:30 - 10:50  Dr. Richard Wilson, PhD  
* Autonomic Inflammoreceptors: Decisive Role of the Carotid Bodies in Disease

10:50 - 11:10  Dr. Catherine Lebel, PhD  
* Brain Development in Children with Prenatal Exposures

11:10 - 11:25  Trainee – TBC

11:25 - 12:00  **DATA BLITZ (Trainees to present posters 1min/1 slide)**  
Co-chairs: Berkeley Scott, Ryan Rosentreter

12:00 - 1:30  **Lunch – HRIC Atrium**

12:30 - 1:30  **Poster session – HRIC Atrium**
### Session #3 Trainees of the year – Chair: Dr. Sarah MacFarlane, PhD

1:30 - 1:50  Postdoctoral Fellow of the Year: Dr. Junting Huang, PhD  
*Decoding A Long-Range Brain Circuit For Neuropathic Pain*

1:50 - 2:10  PhD Researcher of the Year: Dr. Stefan Lang, PhD  
*Mapping Brain-Behavior Relationships in Parkinson’s Disease*

### Session #4 Cannabis & Mental Health – Chair: Dr. Signe Bray, PhD

2:10 - 2:30  Dr. Matthew Hill, PhD  
*Endocannabinoid, Stress and Anxiety: From Rodents to Humans*

2:30 - 2:50  Dr. Jean Addington, PhD  
*Cannabis Use in Individuals at Clinical High Risk for Psychosis*

2:50 - 3:30  **Coffee Break – HRIC Atrium**

### Session #5 Keynote lecture: Dr. Margaret McCarthy, PhD – Chair: Dr. Quentin Pittman, PhD

3:30  Keynote introduction: Dr. Quentin Pittman, PhD

3:30 - 4:30  Keynote lecture: Dr. Margaret M. McCarthy, PhD, James and Carolyn Frenkil Dean’s Professor and Chair, Dept of Pharmacology, Director Program in Neuroscience, University of Maryland School of Medicine  
*Immune Origins of Sex Differences in the Brain*

4:30  Announcement of poster winners: Co-chairs: Berkeley Scott and Ryan Rosentreter

4:35  Closing remarks: Dr. Richard Frayne, PhD

4:40 - 6:00  **Reception – HRIC Atrium**