## Workshop Schedule

### Monday, 4 June 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00 am to 10:30 am</td>
<td>Bus from Providence to Newport</td>
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<tr>
<td>10:30 am to 11:00 am</td>
<td>Room Check-in at Salve Regina</td>
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<tr>
<td></td>
<td>Wallace Hall</td>
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<tr>
<td>11:00 am to 11:30 am</td>
<td>Optional Campus tour</td>
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<tr>
<td></td>
<td>“Wyss Center Overview and Mission”</td>
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<td>Tracy Laabs, Ph.D.</td>
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<tr>
<td>11:30 am to 12:30 pm</td>
<td>Deputy Director Wyss Center</td>
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<td></td>
<td>O’Hare Academic Center, Hall 260</td>
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<tr>
<td>12:30 pm to 1:30 pm</td>
<td>Lunch</td>
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<tr>
<td></td>
<td>Miley Dining Hall</td>
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<tr>
<td>1:30 pm to 3:00 pm</td>
<td>Christopher Moore, Ph.D.</td>
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<tr>
<td></td>
<td>Professor of Neuroscience, Brown University</td>
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<td></td>
<td>Associate Director, Carney institute for Brain Sciences</td>
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<tr>
<td></td>
<td>O’Hare Academic Center, Hall 260</td>
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<tr>
<td>3:00 pm to 3:15 pm</td>
<td>Break</td>
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<tr>
<td>3:15 pm to 4:45 pm</td>
<td>Adrien Roux, Ph.D.</td>
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<tr>
<td></td>
<td>Researcher, Tissue Engineering Lab at HEPIA – HES</td>
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<td></td>
<td>O’Hare Academic Center, Hall 260</td>
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<tr>
<td>5:30 pm to 6:30 pm</td>
<td>Dinner</td>
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<td></td>
<td>Miley Dining Hall</td>
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<tr>
<td>6:30 pm to 8:00 pm</td>
<td>Welcome Mixer</td>
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<td>Founders Hall</td>
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### Tuesday, 5 June 2018

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>9:00 am to 10:30 am</td>
<td>Jennifer Li, Ph.D.</td>
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<td>Research Fellow, Rowland Institute at Harvard University</td>
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<td>Drew Robson, PhD</td>
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<tr>
<td></td>
<td>Research Fellow, Rowland Institute at Harvard University</td>
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<td></td>
<td>O’Hare Academic Center, Hall 260</td>
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<tr>
<td>Time</td>
<td>Event</td>
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<td>----------------------------------------------------------------------</td>
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<tr>
<td>10:30 am to 10:45 am</td>
<td>Break</td>
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| 10:45 am to 12:15 am | “Robotics for assessment of brain function and dysfunction”  
Stephen Scott, Ph.D.  
GSK Chair of Neuroscience, Queen’s University  
O’Hare Academic Center, Hall 260 |
| 12:15 pm to 1:15 pm | Lunch                                                                |
| 1:15 pm to 2:45 pm | Earl Miller, Ph.D.  
Professor, Massachusetts Institute of Technology  
O’Hare Academic Center, Hall 260 |
| 2:45 pm to 3:00 pm | Break / Walk to computer Lab                                        |
| 3:00 pm to 6:00 pm | Lecture and Tutorial  
Stephanie Jones, Ph.D.  
Professor of Neuroscience, Brown University  
Ted Carnevale  
Senior Research Scientist in Neuroscience, Yale School of Medicine  
Michael Hines  
Senior Research Scientist in Neuroscience, Yale School of Medicine  
Sam Neymotin  
Associate Professor of Research of Neuroscience, Brown University  
McKillop Library, Lab 005 |

**Wednesday, 6 June 2018**

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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| 9:00 am to 10:30 am | Aaron Batista, Ph.D.  
Professor, University of Pittsburgh  
O’Hare Academic Center, Hall 260 |
| 10:30 am to 10:45 am | Break                                                                |
| 10:45 am to 12:15 am | Gregor Ranier, Ph.D.  
Professor, University of Fribourg / EPFL  
O’Hare Academic Center, Hall 260 |
| 12:15 pm to 1:15 pm | Lunch                                                                |
Miley Dining Hall

**Michael Frank, Ph.D.**
Professor of Cognitive, Linguistic & Psychological Sciences, Brown University
O’Hare Academic Center, Hall 260

1:15 pm to 2:45 pm

2:45 pm to 3:00 pm
Break / Walk to computer Lab

*Lecture and Tutorial*

**David Borton, Ph.D.**
Professor of Engineering, Brown University

**Thomas Serre, Ph.D.**
Professor of Cognitive, Linguistic & Psychological Sciences, Brown University
McKillop Library, Room 106

3:00 pm to 6:00 pm

O’Hare Academic Center, Hall 260

7:00 pm to 8:30 pm
Dinner
Ochre Court

8:30 pm to 10:00 pm
Poster Session
Ochre Court

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**Thursday, 7 June 2018**

Tyton Academic Center, Hall 260

**Sydney Cash, M.D., Ph.D.**
Professor, Harvard Medical School / Researcher, Massachusetts General Hospital
O’Hare Academic Center, Hall 260

9:00 am to 10:30 am

10:30 am to 10:45 am
Break

**Friedhelm Hummel, M.D.**
Professor, Center for Neuroprosthetics at EPFL
O’Hare Academic Center, Hall 260

10:45 am to 12:15 am

12:15 pm to 1:15 pm
Lunch
Miley Dining Hall

**Cameron MacIntyre, Ph.D.**
Professor, Case Western University
O’Hare Academic Center, Hall 260

1:15 pm to 2:45 pm

2:45 pm to 3:00 pm
Break

“Medical Devices and Research Tools to Interface the Nervous System”

Jessi Mischel, Ph.D.
Ripple
O’Hare Academic Center, Hall 260

Optional: Industry Cocktail Hour
John Simeral

Beata Jarosiewicz
Jessi Mischel
Founders Hall

Friday, 8 June 2018

The Story of BrainGate: From Neuroscience to Translation

"Motor cortical control of reaching and grasping actions in non-human primates"

Carlos Vargas-Irwin, Ph.D.
Professor of Neuroscience, Brown University
O’Hare Academic Center, Hall 260

Beata Jarosiewicz, Ph.D.
NeuroPace
O’Hare Academic Center, Hall 260

Lunch
Miley Dining Hall

“Moving Benchtop to Bedside: System Architecture for the BrainGate BCI”

John Simeral, Ph.D.
Professor of Engineering, Brown University
Biomedical Engineer, VA RR&D Center for Neurorestoration and Neurotechnology, Rehabilitation R&D Service, Providence VAMC
O’Hare Academic Center, Hall 260
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<tr>
<td>2:45 pm to 3:00 pm</td>
<td>Break</td>
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</table>
| 3:00 pm to 3:45 pm | **Leigh Hochberg, M.D., Ph.D.**  
Director, Center for Neurotechnology and Neurorecovery, Neurocritical Care and Acute Stroke Services, Department of Neurology, MGH  
Professor of Engineering, Brown University  
Director, VA RR&D Center for Neurorestoration and Neurotechnology, Rehabilitation R&D Service, Providence VAMC  
Senior Lecturer on Neurology, Harvard Medical School  
O’Hare Academic Center, Hall 260 |
| 3:45 pm to 4:00 pm | Break                                                                 |
| 4:00 pm to 4:45 pm | **A. Bolu Ajiboye, Ph.D.**  
Investigator, Cleveland FES Center  
Assistant Professor, Department of Biomedical Engineering, Case Western Reserve University  
Research Associate, Louis Stokes Cleveland VAMC  
O’Hare Academic Center, Hall 260 |
| 4:45 pm to 5:00 pm | Break                                                                 |
| 5:00 pm to 6:00 pm | Panel Discussion  
O’Hare Academic Center, Hall 260  
Group Dinner |
| TBD                |                                                                      |

**Saturday, 9 June 2018**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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| 9:00 am to 10:00 am| Brunch  
O’Hare Academic Center, Hall 260 |
| 10:00 am to 12:00 pm| Student Presentations  
O’Hare Academic Center, Hall 260  
Closing Remarks |
| 12:00 pm to 1:00 pm| **John Davenport, Ph.D.**  
Assistant Director, Carney Institute for Brain Sciences  
O’Hare Academic Center, Hall 260 |
| 1:00pm to 2:00 pm | Bag Lunches Available  
O’Hare Academic Center, Hall 260 |
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 9:30 am to 10:00 am | Check-out  
Wallace Hall and Founders Hall |
| TBD        | Bus departs for TF Green and PVD            |