Workshop on Stereotaxic Surgery in the Laboratory Mouse  
November 15-19, 2020, Bar Harbor, ME

**Sunday, November 15th**
- 5:00 Informal Reception: Light refreshments and beverages - *(Highseas 1st floor)*
- 6:00 Dinner *(Highseas 1st floor)*

**Monday, November 16th**
- 7:00-8:15 Breakfast *(Highseas 1st floor)*
- 8:15-8:30 Shuttle to GRB Training Laboratory (meet in Highseas lobby)
- 8:30-8:45 Welcome & Introductions
- 8:45-9:45 Survival Surgery Standards  
  Bonnie Lyons, D.V.M., The Jackson Laboratory
- 9:45-10:45 Biomethods  
  Kristin Cough, B.S., The Jackson Laboratory
- 10:45-11:45 Introduction to Stereotaxic Instruments and Critical Accessories  
  Stereotaxic Instruments (Standard, UltraPrecise, Digital, Digital UltraPrecise and Motorized), Important Accessories (Drill, Light, Magnification and Warmer)  
  Richard Mills, Ph.D., Stoelting
- 11:45-12:45 Lunch (provided)
- 12:45-1:30 Introduction to Your Workstation (tool attachment, how QSI works, manual controls, entering coordinates, etc)  
  Richard Mills, Ph.D., Stoelting
- 1:30-2:00 Vernier Scale and Surgical Instruments  
  Andree Lapierre, B.S., The Jackson Laboratory
- 2:00-5:00 Fundamentals of Positioning Animals, Intracranial Injection, Brain Dissection and Lateral Ventricle Target Validation (Placement in Snout Clamp and Ear Bars, Identifying Bregma, Intracranial Drilling and Microinjection)  
  Andree Lapierre, B.S., Kevin Kane, L.A.T., Jennifer Corrigan, M.S., and Alison Kieffer, MBA, The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
5:00  Shuttle back to Highseas
6:00  Dinner (*Highseas 1st floor*)

**Tuesday, November 17**th

7:00-8:15  Breakfast (*Highseas 1st floor*)
8:15-8:30  Shuttle to GRB Training Laboratory (meet in Highseas lobby)
8:30-11:30 ICVC – Brain Cannulation in Lateral Ventricle (Cannula Types, Securing Cannulas and Wound Closure)
Andree Lapierre, B.S., Kevin Kane, L.A.T., Jennifer Corrigan, M.S., and Alison Kieffer, MBA, The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
11:30-1:30  Lunch (provided)
  **Weather permitting: optional hike to vista point (~1 mile each way)**
  Richard Mills, Ph.D., Stoelting
1:30-4:00  Bi-Lateral Brain Cannulation (Cannula Types, Securing Cannulas and Wound Closure)
Andree Lapierre, B.S., Kevin Kane, L.A.T., Jennifer Corrigan, M.S., and Alison Kieffer, MBA, The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
4:00  Shuttle back to Highseas
6:00  Dinner (*Highseas 1st floor*)

**Wednesday, November 18**th

7:00-8:15  Breakfast (*Highseas 1st floor*)
8:15-8:30  Shuttle to GRB Training Laboratory (meet in Highseas lobby)
8:30-12:00 Cerebral Spinal Fluid (CSF) Collection
Alison Kieffer, MBA, Jennifer Corrigan, M.S. and Andree Lapierre, B.S., The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
12:00-1:00  Lunch (provided)
1:00-3:00  Practice or Free Time
3:00-3:30  Clean-up
3:30  Shuttle back to Highseas
6:00  Dinner (*Highseas 1st floor*)

**Thursday, November 19**th

7:00-8:15  Breakfast (*Highseas 1st floor*)
9:00  Room check-out