Workshop on Stereotaxic Surgery in the Laboratory Mouse
April 14th – 18th, 2020
Bar Harbor, ME
Schedule subject to change

Tuesday, April 14th
5:00pm     Refreshments - Highseas
6:00pm     Dinner (Highseas 1st floor)

Wednesday, April 15th
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
             Terri Iwata, D.V.M., 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)
Thursday, April 16th
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. and Jennifer Corrigan, M.S., 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)
  Jonathan Wood, B.A., The Jackson Laboratory and 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. and Jennifer Corrigan, M.S., The Jackson Laboratory, Richard Mills, Ph.D., Stoelting
4:00  Shuttle back to Highseas
5:00  Informal Reception: Light refreshments and beverages (Highseas 1st floor)
6:00  Banquet Dinner: Lobster, Steak or Vegetarian (Highseas 1st floor)

Friday, April 17th
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, M.B.A., Andree Lapierre, B.S. and Jennifer Corrigan, M.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)

Saturday, April 18th
7:00-8:15  Breakfast (Highseas dining room)
9:00am  Room check-out