Workshop on Stereotaxic Surgery in the Laboratory Mouse
November 16 - 19, 2020, Bar Harbor, ME

Registered attendees will be provided with breakfast, lunch and to-go dinners on all workshop days. Attendees must adhere to all institutional and local travel and safety policies.

**Workshop Schedule**

**Monday, November 16th**

8:00-8:30 Arrivals & Breakfast

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

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
**Tuesday, November 17th**

8:00-8:30  Arrivals & Breakfast

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

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

**Wednesday, November 18th**

8:00-8:30  Arrivals & Breakfast

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

1:00-3:00  **Practice or Free Time**

3:00-3:30  Clean-up