

Start Time	End Time	Title	Location	First Name	Last Name
<b>Saturday, October 21, 2023</b>					
3:00 PM	5:30 PM	SNS Check-In (Badge Pick-Up) *Will be available during sessions throughout the week depending on arrival.	Lillie Laboratory: Clapp Auditorium		
4:00 PM	6:00 PM	Housing Check-in Swope Hall	Swope Hall		
5:30 PM	6:45 PM	Dinner	Swope Dining Hall		
7:00 PM	7:30 PM	<b>Welcome, Introduction, and Course Objectives</b>	Lillie Laboratory: Clapp Auditorium	Linda	Liau
7:30 PM	8:15 PM	<b>Neurosurgical Research in Parkinson's Disease</b>	Lillie Laboratory: Clapp Auditorium	Aviva	Abosch
8:15 PM	8:30 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
8:30 PM	10:30 PM	Mixer	Swope Hall: Meigs Room (2nd Floor)		
<b>Sunday, October 22, 2023</b>					
7:45 AM	8:45 AM	Breakfast	Swope Dining Hall		
9:00 AM	9:45 AM	<b>Science of Concussion</b>	Lillie Laboratory: Clapp Auditorium	Gerry	Grant
9:45 AM	10:00 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
10:00 AM	10:30 AM	Coffee Break and Networking with Course Faculty	Clapp Auditorium Lobby		
10:30 AM	11:15 AM	<b>Observations: Progressive Microvascular Dysfunction following Stroke and the evolving landscape of clinical translation</b>	Lillie Laboratory: Clapp Auditorium	E. Sander	Connolly
11:15 AM	11:30 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
11:30 AM	12:30 PM	Lunch	Swope Dining Hall		
12:45 PM	1:30 PM	<b>The Search for Truth in Spine Surgery: RCTs, Registries, and now AI</b>	Lillie Laboratory: Clapp Auditorium	Zoher	Ghogawala
1:30 PM	1:45 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
1:45 PM	2:30 PM	<b>Health Data Science: How to Leverage Data to Change Care</b>	Lillie Laboratory: Clapp Auditorium	Timothy	Smith
2:30 PM	2:45 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
2:45 PM	3:15 PM	Coffee Break and Networking with Course Faculty	Clapp Auditorium Lobby		
3:15 PM	4:00 PM	<b>Applying Physical and Data Science in Neurosurgical Oncology</b>	Lillie Laboratory: Clapp Auditorium	Daniel	Orringer
4:00 PM	4:15 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
4:15 PM	5:00 PM	<b>Cell Therapy in the CNS</b>	Lillie Laboratory: Clapp Auditorium	Bob	Carter
5:00 PM	5:15 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
5:15 PM	6:30 PM	Dinner	Swope Dining Hall		
6:30 PM	8:30 PM	Mixer	Swope Hall: Meigs Room (2nd Floor)		
<b>Monday, October 23, 2023</b>					
7:45 AM	8:45 AM	Breakfast	Swope Dining Hall		
9:00 AM	9:45 AM	<b>Peripheral Nerve Regeneration and Repair: Possibilities and Challenges</b>	Lillie Laboratory: Clapp Auditorium	Rajiv	Midha
9:45 AM	10:00 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
10:00 AM	10:30 AM	Coffee Break and Networking with Course Faculty	Clapp Auditorium Lobby		
10:30 AM	11:15 AM	<b>Intraoperative Visualization and Therapy: Advancing a Career in Translational Neurosurgery</b>	Lillie Laboratory: Clapp Auditorium	Costas	Hadjipanayis
11:15 AM	11:30 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
11:30 AM	12:30 PM	Lunch	Swope Dining Hall		
12:45 PM	1:30 PM	<b>Pharmacotherapeutic Targets for the Treatment of Cerebral Aneurysms</b>	Lillie Laboratory: Clapp Auditorium	Brian	Hoh
1:30 PM	1:45 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
1:45 PM	2:30 PM	<b>Bringing your Research from the Lab to the Clinic</b>	Lillie Laboratory: Clapp Auditorium	E. Antonio	Chiocca
2:30 PM	2:45 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
2:45 PM	3:15 PM	Coffee Break and Networking with Course Faculty	Clapp Auditorium Lobby		
3:15 PM	4:00 PM	<b>Developing New Approaches to Brain Tumor Therapy</b>	Lillie Laboratory: Clapp Auditorium	Henry	Brem
4:00 PM	4:15 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
4:15 PM	5:00 PM	<b>Liquid Biopsy Approaches in Neuro-Oncology</b>	Lillie Laboratory: Clapp Auditorium	Chetan	Bettgowda
5:00 PM	5:15 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
5:15 PM	6:30 PM	Dinner	Swope Dining Hall		
<b>Tuesday, October 24, 2023</b>					
7:45 AM	8:45 AM	Breakfast	Swope Dining Hall		
9:00 AM	9:45 AM	<b>Functional Neurosurgical Approaches for Restoring Motor and Cognitive Function</b>	Lillie Laboratory: Clapp Auditorium	Tim	Lucas
9:45 AM	10:00 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
10:00 AM	10:30 AM	Coffee Break and Networking with Course Faculty	Clapp Auditorium Lobby		
10:30 AM	11:15 AM	<b>Role of Caspase Cell Death Pathways in Neurological Diseases</b>	Lillie Laboratory: Clapp Auditorium	Robert	Friedlander
11:15 AM	11:30 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
11:30 AM	11:45 AM	RUNN Course Group Photo *All attendees & faculty to wear RUNN hoodie			
11:45 AM	12:45 PM	Lunch	Swope Dining Hall		
12:30 PM	9:00 PM	Free Exploration of Woods Hole & Surrounding Areas			
5:00 PM	6:45 PM	Dinner Attendance not mandatory, available for those on campus.	Swope Dining Hall		
<b>Wednesday, October 25, 2023</b>					
7:45 AM	8:45 PM	Breakfast	Swope Dining Hall		
9:00 AM	9:45 AM	<b>Translational Multi-Omics of Pediatric Neurosurgical Disorders</b>	Lillie Laboratory: Clapp Auditorium	Kristopher	Kahle
9:45 AM	10:00 AM	Q&A	Lillie Laboratory: Clapp Auditorium		

10:00 AM	10:30 AM	Coffee Break and Networking with Course Faculty	Clapp Auditorium Lobby		
10:30 AM	11:15 AM	<b>BrainGate: Clinical Trials in Intracortical Brain-Computer Interfaces for the Restoration of Communication and Mobility</b>	Lillie Laboratory: Clapp Auditorium	Leigh	Hochberg
11:15 AM	11:30 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
11:30 AM	12:30 PM	Lunch	Swope Dining Hall		
12:45 PM	1:30 PM	<b>Meningioma: Precision versus Accuracy</b>	Lillie Laboratory: Clapp Auditorium	Linda	Bi
1:30 PM	1:45 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
1:45 PM	2:30 PM	<b>Inspiration and Neurosurgical Research - How to Start a Project, Grant or Paper</b>	Lillie Laboratory: Clapp Auditorium	Robert	Dempsey
2:30 PM	2:45 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
2:45 PM	3:15 PM	Coffee Break and Networking with Course Faculty	Clapp Auditorium Lobby		
3:15 PM	4:00 PM	<b>Surgical treatment principles and biology of spinal and sacral chordomas</b>	Lillie Laboratory: Clapp Auditorium	Ziya	Gokaslan
4:00 PM	4:15 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
4:15 PM	5:00 PM	<b>Bench to Bedside and Back to the Bench: Translational Opportunities in Spinal Cord Injury</b>	Lillie Laboratory: Clapp Auditorium	Ann	Parr
5:00 PM	5:15 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
5:15 PM	6:30 PM	Dinner	Swope Dining Hall		
6:30 PM	8:30 PM	Mixer	Swope Hall: Meigs Room (2nd Floor)		
<b>Thursday, October 26, 2023</b>					
7:15 AM	8:15 AM	Breakfast	Swope Dining Hall		
8:30 AM	9:15 AM	<b>Neurosurgical Investigations of Human Visual Cortex</b>	Lillie Laboratory: Clapp Auditorium	Daniel	Yoshor
9:15 AM	9:30 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
9:30 AM	10:00 AM	Coffee Break and Networking with Course Faculty	Clapp Auditorium Lobby		
10:00 AM	10:45 AM	<b>Updates on the science and clinical treatment of brain metastases</b>	Lillie Laboratory: Clapp Auditorium	Melanie	Hayden-Gephart
10:45 AM	11:00 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
11:00 AM	11:30 AM	<b>Squid Lab Presentation</b>	Lillie Laboratory: Clapp Auditorium	Bruce Jim Robert	Andersen Galbraith Keating
11:30 AM	12:30 PM	Lunch	Swope Dining Hall		
12:30 PM	6:45 PM	<b>Squid Lab &amp; Tour of the MBL</b>	Loeb Laboratory: Loeb 260	Bruce Jim Robert	Andersen Galbraith Keating
5:00 PM	6:45 PM	Dinner	Swope Dining Hall		
7:00 PM	7:45 PM	<b>The Art and Science of Lesioning the Brain: From Lobotomies to Focused Ultrasound</b>	Lillie Laboratory: Clapp Auditorium	Robert	Gross
7:45 PM	8:00 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
<b>Friday, October 27, 2023</b>					
7:45 AM	8:45 AM	Breakfast	Swope Dining Hall		
9:00 AM	9:45 AM	<b>From Patient-Oriented Research to Therapy: Musings from the Valley of Death</b>	Lillie Laboratory: Clapp Auditorium	Jeff	Ojemann
9:45 AM	10:00 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
10:00 AM	10:30 AM	Coffee Break	Clapp Auditorium Lobby		
10:30 AM	11:15 AM	<b>Tools for Understanding and Repairing the Brain</b>	Lillie Laboratory: Clapp Auditorium	Edward	Boyden
11:15 AM	11:30 AM	Q&A	Lillie Laboratory: Clapp Auditorium		
11:30 AM	12:30 PM	Lunch	Swope Dining Hall		
12:45 PM	1:30 PM	<b>Integra LifeSciences: MIS Intracerebral Hemorrhage (ICH), Embracing and Initiating Novel Translational Research</b>	Lillie Laboratory: Clapp Auditorium	Christopher	Kellner
1:30 PM	1:45 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
1:45 PM	2:30 PM	<b>Brainlab, Inc.: Brainshift in Mindset: Technologies Bringing Neuronavigation into the Future</b>	Lillie Laboratory: Clapp Auditorium	Chad Bogdan	Jacobs Valcu
2:30 PM	2:45 PM	Q&A	Lillie Laboratory: Clapp Auditorium		
2:45 PM	5:00 PM	Course Break			
5:00 PM	6:00 PM	Pre-Dinner: Wine & Beer	Swope Hall: Meigs Room (2nd Floor)		
6:00 PM	8:30 PM	Dinner	Swope Hall: Main Dining Room		
<b>Saturday, October 28, 2023</b>					
7:00 AM	9:30 AM	Breakfast	Swope Dining Hall		
		Check Out by 10:00 am			