

Start Time	End Time	Title	First Name	Last Name
Saturday, October 21, 2023				
4:00 PM	6:00 PM	Check-In Swope Hall		
6:00 PM	7:00 PM	Dinner		
7:00 PM	7:30 PM	Welcome, Introduction, and Course Objectives	Linda	Liau
7:30 PM	8:15 PM	Neurosurgical Research in Parkinson's Disease	Aviva	Abosch
8:15 PM	8:30 PM	Q&A		
8:30 PM	10:30 PM	Mixer		
Sunday, October 22, 2023				
7:45 AM	8:45 AM	Breakfast		
9:00 AM	9:45 AM	Science of Concussion	Gerry	Grant
9:45 AM	10:00 AM	Q&A		
10:00 AM	10:30 AM	Coffee Break and Networking with Course Faculty		
10:30 AM	11:15 AM	Observations: Progressive Microvascular Dysfunction following Stroke and the evolving landscape of clinical translation	Sander	Connolly
11:15 AM	11:30 AM	Q&A		
11:30 AM	12:30 PM	Lunch and Networking with Course Faculty		
12:45 PM	1:30 PM	The Search for Truth in Spine Surgery: RCTs, Registries, and now AI	Zoher	Ghogawala
1:30 PM	1:45 PM	Q&A		
1:45 PM	2:15 PM	Coffee Break and Networking with Course Faculty		
2:15 PM	3:00 PM	Health Data Science: How to Leverage Data to Change Care	Timothy	Smith
3:00 PM	3:15 PM	Q&A		
3:15 PM	4:00 PM	Applying Physical and Data Science in Neurosurgical Oncology	Daniel	Orringer
4:00 PM	4:15 PM	Q&A		
4:15 PM	5:00 PM	Cell Therapy in the CNS	Bob	Carter
5:00 PM	5:15 PM	Q&A		
5:15 PM	6:30 PM	Dinner		
6:30 PM	8:30 PM	Mixer		
Monday, October 23, 2023				
7:45 AM	8:45 AM	Breakfast		
9:00 AM	9:45 AM	Peripheral Nerve Regeneration and Repair: Possibilities and Challenges	Rajiv	Midha
9:45 AM	10:00 AM	Q&A		
10:00 AM	10:30 AM	Coffee Break and Networking with Course Faculty		
10:30 AM	11:15 AM	Intraoperative Visualization and Therapy: Advancing a Career in Translational Neurosurgery	Costas	Hadjipanayis
11:15 AM	11:30 AM	Q&A		
11:30 AM	12:30 PM	Lunch and Networking with Course Faculty		
12:45 PM	1:30 PM	Pharmacotherapeutic Targets for the Treatment of Cerebral Aneurysms	Brian	Hoh
1:30 PM	1:45 PM	Q&A		
2:15 PM	3:00 PM	Bringing your Research from the Lab to the Clinic	E. Antonio	Chiocca
3:00 PM	3:15 PM	Q&A		
3:15 PM	3:45 PM	Coffee Break and Networking with Course Faculty		
3:45 PM	4:30 PM	Meningioma: Precision versus Accuracy	Linda	Bi

4:30 PM	4:45 PM	Q&A		
4:45 PM	5:30 PM	Liquid Biopsy Approaches in Neuro-Oncology	Chetan	Bettegowda
5:30 PM	5:45 PM	Q&A		
5:45 PM	7:00 PM	Dinner		
Tuesday, October 24, 2023				
7:00 AM	7:40 AM	Breakfast		
7:40 AM	4:00 PM	Exploration of Woods Hole and/or Martha's Vineyard		
4:00 PM	4:45 PM	Functional Neurosurgical Approaches for Restoring Motor and Cognitive Function	Tim	Lucas
4:45 PM	5:00 PM	Q&A		
5:00 PM	5:45 PM	Role of Caspase Cell Death Pathways in Neurological Diseases	Robert	Friedlander
5:45 PM	6:00 PM	Q&A		
6:00 PM	7:00 PM	Dinner		
Wednesday, October 25, 2023				
7:45 AM	8:45 PM	Breakfast		
9:00 AM	9:45 AM	The SUR1-TRPM4 Channel – Rationale for Clinical Trials	Marc	Simard
9:45 AM	10:00 AM	Q&A		
10:00 AM	10:30 AM	Coffee Break and Networking with Course Faculty		
10:30 AM	11:15 AM	BrainGate: Clinical Trials in Intracortical Brain-Computer Interfaces for the Restoration of Communication and Mobility	Leigh	Hochberg
11:15 AM	11:30 AM	Q&A		
11:30 AM	12:30 PM	Lunch		
12:45 PM	1:30 PM	Developing New Approaches to Brain Tumor Therapy	Henry	Brem
1:30 PM	1:45 PM	Q&A		
1:45 PM	2:30 PM	Inspiration and Neurosurgical Research - How to Start a Project, Grant or Paper	Robert	Dempsey
2:30 PM	2:45 PM	Q&A		
2:45 PM	3:15 PM	Coffee Break and Networking with Course Faculty		
3:15 PM	4:00 PM	Surgical treatment principles and biology of spinal and sacral chordomas	Ziya	Gokaslan
4:00 PM	4:15 PM	Q&A		
4:15 PM	5:00 PM	Bench to Bedside and Back to the Bench: Translational Opportunities in Spinal Cord Injury	Ann	Parr
5:00 PM	5:15 PM	Q&A		
5:15 PM	6:30 PM	Dinner		
6:30 PM	8:30 PM	Mixer		
Thursday, October 26, 2023				
7:00 AM	8:15 AM	Breakfast		
8:30 AM	9:15 AM	Neurosurgical Investigations of Human Visual Cortex	Daniel	Yoshor
9:15 AM	9:30 AM	Q&A		
9:30 AM	10:00 AM	Coffee Break and Networking with Course Faculty		
10:00 AM	10:45 AM	Updates on the science and clinical treatment of brain metastases	Melanie	Hayden-Gephart
10:45 AM	11:00 AM	Q&A		
11:00 AM	11:30 AM	Squid Lab Presentation	Bruce	Andersen
			Jim	Galbraith
			Robert	Keating

11:30 AM	12:30 PM	Lunch		
12:30 PM	6:45 PM	Squid Lab 160 Loeb & Tour of the MBL/Aquarium Bruce Anderson, Jim Galbraith		
5:00 PM	6:30 PM	Dinner		
6:45 PM	7:30 PM	The Art and Science of Lesioning the Brain: From Lobotomies to Focused Ultrasound	Robert	Gross
7:30 PM	7:45 PM	Q&A		
Friday, October 27, 2023				
7:45 AM	8:45 AM	Breakfast		
9:00 AM	9:45 AM	From Patient-Oriented Research to Therapy: Musings from the Valley of Death	Jeff	Ojemann
9:45 AM	10:00 AM	Q&A		
10:00 AM	10:30 AM	Coffee Break		
10:30 AM	11:15 AM	Tools for Understanding and Repairing the Brain	Edward	Boyden
11:15 AM	11:30 AM	Q&A		
11:30 AM	12:30 PM	Lunch		
12:45 PM	1:30 PM	Integra LifeSciences: MIS Intracerebral Hemorrhage (ICH), Embracing and Initiating Novel Translational Research	Christopher	Kellner
1:30 PM	1:45 PM	Q&A		
1:45 PM	2:15 PM	Coffee Break		
2:15 PM	3:00 PM	Brainlab, Inc.: Brainshift in Mindset: Technologies Bringing Neuronavigation into the Future	Chad Bogdan	Jacobs Valcu
3:00 PM	3:15 PM	Q&A		
3:15 PM	5:00 PM	Course Break		
5:00 PM	6:00 PM	Pre-Dinner: Wine & Beer		
6:00 PM	8:30 PM	Dinner		
Saturday, October 28, 2023				
		Check Out by 10:00 am		