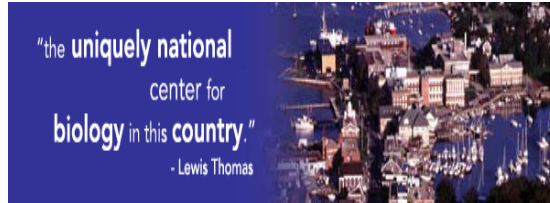


Faculty and Topics May Change Prior to the Beginning of the Course



MARINE BIOLOGICAL LABORATORY



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For Questions Please Contact:

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Faculty and Topics

**RESEARCH UPDATE IN
NEUROSCIENCE FOR
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October 17-24, 2009

**Marine Biological Laboratory
Woods Hole, MA**

Course Directors

Allan H. Friedman
Robert M. Friedlander

Co-Directors

Isaam A. Awad, Bruce Andersen,
Henry Brem, Robert Dempsey,
Charles Hodge, Jr., Edward Oldfield

Andersen, Bruce / Galbraith, Jim
Idaho Neurological Institute / NIH
Squid Lab

Awad, Issam
Northwestern University
“Philosophy of Science and Neurosurgery”
and “Translational and Integrational Research:
Cavernous Angioma as a Paradigm”

Bednar, Martin
Pfizer
“Academic-Pharma Collaborations: A Critical
Alliance” and “Neurorestoration:
The Next Horizon”

Benowitz, Larry
Harvard University
“Rewinding the Injured CNS”

Benzel, Edward
Cleveland Clinic
“ Science, Clinical Practice, and the Quest of
Academic Excellence”

Bernstein, Kerry
Vermont State Guard
“On The Evolution of an Electronic Species”

Born, Richard
Harvard Medical School
“Modularity and Integration in the Primate
Visual Cortex”

Brem, Henry
Johns Hopkins University
“Brain Tumor Therapy”

Burns, Mark
Georgetown University
“Acute CNS Injury and Chronic Neurodegenerative
Disease: Common Pathways and
Therapeutic Targets”

Chiocca, Nino
Ohio State University
“Translational Therapeutics for Brain Tumors:
From the Lab to the Clinic and Back”

Connolly, E. Sander
Columbia University
“Neuroinflammation/Adhesion Molecules”

D’Armore, Patricia
Harvard Medical School
Schepens Eye Institute
“Angiogenesis and Neoplasia”

Dempsey, Robert
University of Wisconsin
“Research and Balance in an Academic
Neurosurgery Career. Getting started: How do I
Write a Grant or paper?”

Dirks, Peter
University of Toronto
“Probing the Relationship between Stem Cells and
Brain Cancer”

Edgerton, V. Reggie
UCLA Medical Center
“Activity Dependent Mechanisms that
Enhance Sensorimotor Function Following
Spinal Cord Injury”

Fehlings, Michael
University of Toronto
“Repair and Regeneration of the Injured Spinal
Cord: From Molecule to Man”

Friedlander, Robert
Harvard Medical School
“Mechanisms of Cell Death in Neurologic Diseases”

Gunel, Murat
Yale University
“Molecular Genetics and Biology of Intracranial
Aneurysms and Cavernous Malformations”

Haglund, Michael
Duke University
“Optical Imaging of Epileptiform Activity:
From Brain Slices to the Operating Room”

Harbaugh, Robert
Penn State University
“Biostatistics and Clinical Trial Design”

Hochberg, Leigh
Harvard Medical School
“Intracortically-based Brain-Computer Interfaces”

Lichtman, Jeff
Harvard Medical School
“ Connectomics”

Lozano, Andres
University of Toronto
“Adjusting the Activity in Human Brain Circuits”

Parada, Luis Keynote Speaker
University of Texas Southwestern
“Gliomas in Mice”

Reese, Thomas
NIH
“History of the MBL”

Setton, Lori
Duke University
“Tissue and Cellular Engineering Approaches to
Regeneration and Repair of the Intervertebral Disc”

Silver, Jerry
Case Western Reserve University
“Functional Regeneration Beyond the Glial Scar”

Simard, Marc
University of Maryland
“The SUR1-regulated NC(Ca-ATP) Channel – a New
Player in CNS Ischemia”

Sinclair, David
Harvard Medical School
“Genes and Small Molecules that Extend Lifespan”