



# Neuroscience Center of Excellence



## Calendar of Events 1997

### Seminars

- March 26** Dr. R. Miller\*, Department of Physiology, University of Minnesota  
Tulane University School of Medicine, Lecture Room 6001  
*Counting Every Active Synapse in a Live Retina Using a Confocal Microscope*
- April 15** Grass Lecturer, Dr. M. Hatten\*, Professor and Head, Laboratory of Developmental Neurobiology, Rockefeller University  
Medical Education Building, Seminar Room 10, 4:00 p.m.  
*Molecular Mechanisms of Cell Specification and Migration in the Developing CNS*
- November 14** Dr. Dale Birkle, Associate Professor, Department of Pharmacology and Toxicology and Behavioral Medicine and Psychiatry, West Virginia University, Morgantown, WV  
Medical Education Building, Seminar Room 10, 4:00 p.m.  
*Developmental Biology of Fear: Significance of Corticotrophin Releasing Factor*

\*Neuroscience Center/GNOSN Speaker

### Distinguished Lecturer Series

- February 1** Dr. Solomon Snyder, Department of Neuroscience, Johns Hopkins University School of Medicine  
Keynote speaker at the 9th Annual LSU Neuroscience Center of Excellence Retreat  
UNO University Center  
*Nitric Oxide Regulated by Large and Small Molecules*
- April 8** Dr. Donald L. Price, Professor of Pathology, Neurology, and Neuroscience, Johns Hopkins University School of Medicine, Alzheimer's Disease Research Center  
Medical Education Building, Seminar Room 10, 4:00 p.m.  
*Models of Neurodegenerative Disease: Mechanisms and Potential Therapies*
- April 11** Dr. Edward F. Dudek, Department of Anatomy and Neurobiology, Colorado State University, Fort Collins  
Medical Education Building, Seminar Room 10, 4:00 p.m.  
*Functional Consequences of Mossy Fiber Sprouting in the Dentate Gyrus: A Working Hypothesis for the Mechanism of Epileptogenesis*
- April 30** Dr. D. Millhorn, Department of Molecular and Cell Physiology, Cincinnati College of Medicine  
Medical Education Building, Seminar Room 5, 4:00 p.m.  
*Oxygen regulation and gene expression*
- October 23** Dr. Anders Bjorklund, Department of Physiology and Neuroscience, Section of Neurobiology, Wallenberg Neuroscience Center, Lund University, Sweden  
Medical Education Building, Seminar Room 10, 4:00 p.m.  
*Neural Transplantation in Parkinson's Disease: Current Status and Future Perspectives*
- Date TBA** Dr. Stanley Cohen, 1986 Nobel Laureate in Medicine, Distinguished Professor, Department of Biochemistry, Vanderbilt University School of Medicine, Nashville, Tennessee  
*EGF Signaling in the Intact Mouse*

### The Ninth Annual LSU Neuroscience Center Retreat\*

Saturday, February 1, 1997, 8:00 a.m. to 2:00 p.m.  
University of New Orleans

**Keynote Lecturer: Solomon Snyder, MD,**

Dean's Award Lecturer in Neuroscience,

Department of Neuroscience, Johns Hopkins University School of Medicine

*Nitric Oxide Regulated by Large and Small Molecules*

Posters (8' wide by 4' high) of current research may include data recently presented or which are to be presented at a future meeting. Informal layouts of ongoing projects are also encouraged. Please send abstracts by January 17, 1997 to the LSU Neuroscience Center.

Fourteen awards to be used to present a paper at a scientific meeting will be given for the best posters presented by postdoctoral fellows, residents, or students.

For commercial exhibits, please contact Dr. Ken Kratz at (504) 568-4011/4015, KKratz@lsu.edu, or Dr. James May at (504) 280-6770.

\*Joint meeting with the GNOSN.

### Symposium: Eighth International Symposium on Stroke, Neurotrauma, and Other Neurological Diseases

July 9-13, 1997

Satellite of the 1997 Joint Meeting of the International Society for Neurochemistry and the American Society for Neurochemistry  
Sheraton New Orleans Hotel, New Orleans

### Symposium: Lipid Messengers in the Nervous System

July 26-30, 1997

Post-Meeting Satellite of the 1997 Joint Meeting of the International Society for Neurochemistry and the American Society for Neurochemistry  
Sheraton New Orleans Hotel, New Orleans

### Symposium: Nitric Oxide and Other Diffusible Signals in Brain Development, Plasticity, and Disease

November 24-25, 1997

Satellite Symposium for the Society for Neuroscience  
LSU Medical Center, New Orleans

A satellite symposium for the Society for Neuroscience will be held on October 24-25, 1997 at the LSU Medical Center in New Orleans. This meeting, "Nitric Oxide and Other Diffusible Signals in Brain Development, Plasticity, and Disease," is being organized by Drs. R. Ranney Mize and Michael J. Friedlander. The symposium will focus on the role of nitric oxide in long term potentiation and depression, brain development, and brain degeneration and injury. Participants include John Garthwaite, Columbia University; Roger Tsien, University of California in San Diego; Ted and Valina Dawson, Johns Hopkins University; Nicolas Bazan, LSU Medical Center; and Stuart Lipton, Harvard Medical School.

### Brain Awareness Week

#### LSUMC Neuroscience Center of Excellence

(Part of a nationwide effort by the Society for Neuroscience and the Dana Alliance for Brain Initiatives)

March 17-23, 1997

Diseases of the brain continue to present medical science with its most perplexing questions. Neurological disorders such as stroke, Alzheimer's dementia, epilepsy and many others devastate the lives of millions of people each year in this country. An incomplete understanding of how the brain functions to provide behavior and how disease processes affect the brain unfortunately means that the devastating effects of many neurological diseases cannot be effectively treated, cured, or even prevented. "Brain Awareness Week," as declared by the national Society for Neuroscience, in conjunction with the Dana Alliance, is meant to bring attention to the tremendous need for continued basic and clinical research to confront diseases which limit, cripple, and even kill their victims. The LSUMC Neuroscience Center is pleased to host a series of events during this week to heighten awareness and provide an educational outreach program for those in the community interested in brain function or in neurological disorders. Activities will include a symposium with lectures, a panel discussion, and a question and answer period concerning attention deficit disorders (ADD). During this week, LSUMC neuroscientists will also make presentations to elementary and high school classes around the state.

#### Public Talks on Attention Deficit Disorders

(Lafayette, Baton Rouge, and New Orleans)

Dr. Nicolas G. Bazan and Dr. Jane Fell Greene, co-chairpersons

**Ann H. Tilton, M.D.,** Associate Professor of Neurology and Pediatrics, acting Director of Child Neurology at LSUMC, and Co-Director of the Rehabilitation Center at Children's Hospital  
*What is ADHD/ADD?*

**Carmela L. Tardo, M.D.,** Department of Neurology at LSUMC and Medical Director of the Children's Hospital Epilepsy Center  
*ADD/ADHD in the Decade of the Brain*

**Raga Malaty, M.D., Ph.D.,** Assistant Professor of Psychiatry at LSUMC and Medical Director of the LSUMC Developmental Neuropsychiatry at East Lake Hospital in New Orleans  
*ATTENTION DEFICIT DISORDER/HYPERACTIVITY DISORDER: Psychosocial and Community Intervention*

**Larry A. Carver, M.D.,** Associate Professor of Psychiatry and Neuroscience at LSUMC and Co-Director of the Neuroscience Center Brain Tissue Bank and Research Laboratory  
*"Adult Attention Deficit Disorder, does it exist?"*

Anyone having questions regarding our "Brain Awareness Week" activities should contact Dr. Nicolas Bazan (568-6700, ext. 321) or Dr. Kenneth Kratz (568-4015).

### Summer Undergraduate Neuroscience (SUN) Program and the High School Neuroscience Program

The LSU Neuroscience Center SUN Program is a unique opportunity for exceptionally well-qualified undergraduate and high school students from Louisiana to experience state-of-the-art neuroscience research in the laboratory working along with investigators and their research teams. During the eight week Program, students attend a formal lecture series highlighting the cellular and molecular aspects of the nervous system, and meet with the many distinguished neuroscientists that visit the campus. Excellent stipend support is provided to the selected undergraduate students. Nineteen-ninety-seven will be the fourth year of the SUN Program. Undergraduate students should have completed the second year of college, be a Louisiana resident, or attend college in Louisiana. High school students should be from the New Orleans area and will participate in an abbreviated form of the Program. Research experience is not necessary. Inquiries should be addressed to Dr. Roger W. Beuerman, Neuroscience SUN Program, LSU Eye Center Suite B, 2020 Gravier Street, New Orleans, LA 70112.

### Interdisciplinary PhD Program in Neuroscience

Applications are now being accepted for the Interdisciplinary PhD Training Program in Neuroscience. The intensive training provided by this program reflects the breadth of faculty research programs -- including behavioral neuroscience and molecular neurobiology -- with concentrations ranging from genes, to cells, to human behavior. Stipend support is available on a competitive basis. Highly qualified individuals should send inquiries to: Nicolas G. Bazan, MD, PhD, or R. Ranney Mize, PhD, Co-Directors of the Interdisciplinary PhD Program, c/o LSU Neuroscience Center of Excellence.