

Neuroscience Institute Newsletter

Volume 2, Issue 1, February, 2004

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From the Interim Director

The Frontiers in Neuroscience Research Day will be March 19, 2004 at the Francis Marion Hotel. Please see the information below and register for the meeting. If you have any news that you would like to communicate to the Neuroscience community, please send the information to us at mooreme@musc.edu.

-Mark S. Kindy, Ph.D

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Administrative Structure of the Neuroscience Institute

Mark Kindy.....Interim Director

Kathleen Brady.....Associate
Director for Clinical Research

Naren Banik.....Associate
Director for Basic Research

Bernie Maria.....Associate
Director for Translational Research

Advisory Board.....Howard Becker,
Ken Bergmann, Craig Crosson, Judy
Dubno, Mark George, Jim Krause,
Jakie McGinty, Jacob Mintzer,
Ranjiv Saini, Inderjit Singh, Eve
Spratt, Istvan Tackas, Cynthia Welsh

Development Officer.....Debbie
Bordeau

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Brain Awareness Week is March 15-21, 2004, and **Frontiers in Neuroscience** will be held on Friday March 19, 2004. We are planning activities at MUSC, Charleston County Public Schools, and Community Centers around Charleston. Please contact Melissa Moore if you are willing to participate in any of these community service programs. Frontiers day will focus on imaging and cognitive function. We have invited Dr. Thomas Paus from McGill University in Canada and Helene Benvenista from Brookhaven National Labs. Watch for the abstract form to submit abstracts for poster presentations. We have received funding from Janssen Pharmaceuticals to help defray the costs of the Brain Awareness Week and Frontiers in Neuroscience. If you would like to help, please contact Melissa Moore at 792.0559 or moorme@musc.edu. For more information, go to www.musc.edu/neuroscienceinstitute.

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Fifth Annual Frontiers in Neuroscience Day Schedule

- 7:45-8:30** Continental Breakfast/
Registration
- 8:30-10:00** Neuroscience Institute
Business Meeting
- 10:00-10:30** Break
- 10:30-11:30** *From Centers to
Networks: In Vivo Studies
of Neural Connectivity in
the Human Brain.*
Thomas Paus, M.D.,
McGill University.
- 11:30-12:00** *Imaging Cognitive
Dysfunction Following
Stroke.* Gordon Baylis,
Ph.D., USC.
- 12:00-12:30** *Progress and Pitfalls in
Combining Brain
Stimulation and Imaging
to Assess Functional
Connectivity.* Mark
George, M.D., MUSC.
- 12:30-1:30** Lunch and Posters
SC Society for
Neuroscience Meeting
- 1:30-2:30** *Micro MRI.* Helene
Benveniste.
- 2:30-3:00** *Imaging Dendritic Spine
Dynamics and Calcium.*
Judson Chandler, Ph.D.,
MUSC.
- 3:00-3:30** *Recognition Memory in
Infants.* John Richards,
Ph.D., USC.
- 3:30-4:00** Break
- 4:00-4:30** *Visualizing Joubert's
Syndrome.* Bernard
Maria, M.D., MUSC.
- 4:30-5:30** *Understanding the
Origins of MR Signals in
Tissue; Models, Modeling,
and Meddling with
Magnets.* Steven
Blackband, Ph.D.,
University of Florida.
- 5:30-7:00** Wine and Posters

Community Outreach

The Neuroscience Institute is working with the Charleston County School District and LabLearner to develop a science program in the elementary schools (K-5). LabLearner will set up an entire laboratory in the school and provide the necessary learning tools to establish a scientific knowledge base in the elementary years. We would like individuals of the Neuroscience Institute to participate in school presentations to help educate and interest the students in science. We hope this will help improve scores in the Palmetto Science testing and interest more students to pursue a career in science.

Go Red For Women (National Heart Month)

Heart disease and stroke are the No. 1 and No. 3 killers of women. They are two of the many cardiovascular diseases that kill nearly 500,000 women each year. That's more than the next seven causes of death combined, including all forms of cancer. Fortunately, you can do a lot to prevent these killers. Go Red For Women helps you discover unique lifesaving power by learning about heart disease and stroke and taking positive action to reduce your risk of both. Red is the American Heart Association's color for women and heart disease. Make it your color, too.

Other

We are working on the development of the Strategic Plan and Business Plan for the Neuroscience Institute. In addition, we are developing a brochure for the Neuroscience Institute to outline the basic and clinical neuroscience research at MUSC. The website has been updated. Please review the information and send any corrections to Melissa Moore at mooreme@musc.edu. If you have not updated your information, please do so and send to Melissa. If you have any news that you feel is appropriate for the Newsletter, please forward to Melissa.

Brain Awareness Week Schedule of Events (12:00 p.m.-2:00 p.m. Monday through Friday Neuroscience Table in Front of the Administration Library Building)

Seabrook Island Community Center. March 16, 2004. 7-8 p.m. *Stress, Aging, and the Brain.* Dr. Kenneth Bergman, Neurology and Dr. Charlotte Granholm, Physiology and Neuroscience.

Dunes West, Thomas Lynn Hall. March 16, 2004. 7:30-8:30 p.m. *Stress, Aging, and the Brain.* Dr. Bernie Maria, Pediatrics and Dr. Mark Kindy, Physiology and Neuroscience.

Wild Dunes Community Center. March 16, 2004. 5:30-6:30 p.m. *Stroke and Alzheimer's Disease.* Dr. Tim Carter, Neurology and Dr. Dan Lackland, Biometry.

Kiawah Island Community Center. *To be Determined.*

Brain Awareness Week School Visits

03/15/04	Trident Academy Bernie Maria
03/16/04	Cario Middle School Mark Kindy
03/16/04	Buist Academy Narayan Bhat
03/16/04	Whitesides Kumar Sambamurti

Grand Rounds Schedule February, 2004 - March, 2004

2/19/04	Chris Power, M.D. (V.A. Candidate) <i>What Happens to People with MS? Natural History, Studies, Clinical Decision Making, and Research Application</i> Neurology
2/26/04	TBA Neurosci/Aging
3/04/04	David Griesemer, M.D. <i>Stroke Minisymposium</i> Neurology
3/11/04	Edward Hall, Ph.D. <i>Calpain-Mediated Cytoskeletal Damage in Traumatic Brain Injury and Neuroprotective Effects via Indirect Inhibition of Calpain</i> Neurosci/Aging
3/18/04	Eric J. Nestler, M.D., Ph.D. <i>Molecular Mechanisms of Drug Addiction</i> Psychiatry
3/25/04	Snajay Asthana, Ph.D. <i>Alzheimer's Disease: Recent Updates in the Diagnosis and Treatment</i>

Aging Research Day March 16, 2004

The deadline for submission of abstracts for the first Annual Aging Research Day has been extended by 1 week to **February 13, 2004** and the deadline for registration is Thursday, February 26, 2004. Free Breakfast and lunch will be served. You must register to attend. For more information, email Sherry Cannon at cannonss@musc.edu