



## The Emory Neuroscience Initiative Newsletter

### Action Potential

**February 20**  
[Show & Tell Connectivity Event](#)

**March 5-7**  
[Joint Southeast Nerve Net – GA/SC Neuroscience Consortium](#)

**March 15-21**  
[Bain Awareness Week](#)

**March 16**  
[Neuroscience Faculty Lunch Program Grants](#)

**March 21-25**  
[6th World Congress for Neurorehabilitation](#)



**April 10-17**  
[American Academy of Neurology Annual Meeting](#)

**April 14**  
[Neuroscience Faculty Lunch Spotlight on Stroke](#)

**May 1-5**  
[American Association of Neurological Surgeons](#)

**May 6-8**  
[Therapeutic Frontiers in Acute CNS Injury](#)

**May 13**  
[Neuroscience Faculty Lunch Spotlight on Rehab Medicine](#)

**May 22-26**  
[American Psychiatric Association Annual Meeting](#)

**June 19-22**  
[Society of Neurological Surgeons](#)

## Welcome to the Neuroscience E-Newsletter

Welcome to the inaugural e-newsletter for the Emory Neurosciences Initiative (NI)! We hope this newsletter, sent out quarterly, will prove to be a convenient way for interested members of our university (and the larger Atlanta-area) neurosciences communities to keep abreast of goings on within Emory's large and distributed neurosciences effort. At last count, more than 480 Emory faculty members, based in virtually all administrative units including more than 30 departments and 7 Schools, have a major academic interest in the workings of the brain or mind; additionally Emory has many active collaborations with neuroscientists nearby at Georgia Tech, Morehouse, Georgia State and the CDC. At first pass this is a surprisingly large number of faculty for a university of our size, but not when one considers that the human mind is of course the substrate for all scholarship, and that therefore understanding the nature and attributes of the mind has the potential to inform a wide range of scholarly activities. Emory's NI seeks specifically to facilitate connectivity across the many faculty, postdoctoral fellows, residents, graduate students, and undergraduates engaged in study of the neurosciences, to promote interdisciplinary conversations, and to encourage the emergence of new lines of inquiry. This newsletter, distributed quarterly to start, is one of the ways the NI aims to aid community connectivity. We invite you to contribute news, perspectives, or discussions. As you hear of events or think of topics that may be of interest to Emory neuroscientists, please pass the information along to Maryam Carn using the link below.

### Spotlight Events

#### [2nd Annual Neurosciences "Show & Tell" Connectivity Event](#)

The NI also sponsors several events designed to bring the community together and catalyze collaborations. Join us this weekend, for a "no-prep" poster session and "Show & Tell" event on Saturday morning from 9a-1p in the WHSCAB lobby. Please come! Great opportunity to catch up with colleagues, share ideas, and form collaborations. No excuses! Zero preparation is required, and both food and childcare will be provided.

#### [Therapeutic Frontiers in Acute Central Nervous System Injury](#)

Planning is currently underway for the second annual NI scientific symposium, dinner and community outreach event, which will take place May 7-8, 2010. It will focus on acute CNS injury and repair.

#### [Southeast Nerve Net - GA/SC](#)

Another key upcoming event is the Joint Southeast Nerve Net – GA/SC Neuroscience Consortium annual meeting that Emory is hosting on March 6-7 in Cox Hall. For more information, please contact Sonia Hayden [shayden@emory.edu], or the Emory organizers, Astrid Prinz [aprinz@emory.edu] or Larry Young [lyoun03@emory.edu].

#### [Neurosciences Faculty Luncheons](#)

Also keep in mind the regular NI luncheons, usually held in the Winship Ballroom at the Dobbs University Center. This year, following the excellent lead of the CLS initiative, we have arranged for brief faculty or student research updates at each meeting, still allowing enough unscheduled time for informal networking.

### EVENT SCHEDULE

8:30 am	Continental Breakfast
9:00 am	Dennis Choi - Initiative Update
9:30 am	Amy Anderson Zose – Graduate Student <i>The Effects of Prenatal Exposure to Maternal Depression on Social Cognition and Neuro-Development in Offspring 4-6 Years Old Using fMRI</i>
9:45 am	Paul Marvar – Post-Doctorate Scholar <i>Stress-Induced Hypertension and the Role of the Neuro-Immune System</i>
10:00 am	Break
10:15 am	No Prep Poster Session - 1 <sup>st</sup> Rotation
11:15 am	No Prep Poster Session - 2 <sup>nd</sup> Rotation
12:15 pm	Luncheon and Networking

### 2<sup>ND</sup> ANNUAL NEUROSCIENCE "SHOW & TELL"



*"The no-prep poster session is a great opportunity to share ideas and form collaborations."*



## **2<sup>ND</sup> ANNUAL NEUROSCIENCE “SHOW & TELL”**

**9:00 AM – 1:00 PM**

**WOODRUFF HEALTH SCIENCES CENTER ADMINISTRATION BUILDING  
WHSCAB LOBBY**

**SATURDAY, FEBRUARY 20, 2010**

Back by popular demand! Don't miss this opportunity to attend the much anticipated 2<sup>nd</sup> Annual Emory Neurosciences “Show & Tell” (“Connectivity”) Event! Once again, we are providing a casual setting in which to discuss ongoing research projects and possible future collaborations. Come enjoy meeting researchers from different departments and schools on our Emory campus, and find out what is happening in various labs.

Our main event will be the two-hour “no prep” poster session. Participants will be assigned poster space (flip charts), and everyone will receive markers and be encouraged to share ideas! This year we will split the poster presentation into two one-hour rotations so that everyone has a better chance to present their own work and also view the ideas of others.

### **EVENT SCHEDULE**

08:30 am	Continental Breakfast
09:00 am	Dennis Choi - Initiative Update
09:30 am	Amy Anderson Zose – Graduate Student <i>“The Effects of Prenatal Exposure to Maternal Depression on Social Cognition and Neuro-Development in Offspring 4-6 Years Old Using fMRI”</i>
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10:15 am	No Prep Poster Session - 1 <sup>st</sup> Rotation
11:15 am	No Prep Poster Session - 2 <sup>nd</sup> Rotation
12:15 pm	Luncheon and Networking

*We will provide a playroom for parents who would like to bring their children. We will have games, movies and Emory College students on hand to help entertain (and watch) the children.*

RSVP to [Maryam Carn](#) with the information on the following page.

*Sponsored by Emory University Neurosciences Initiative*

# 2<sup>ND</sup> ANNUAL NEUROSCIENCE “SHOW & TELL”

9:00 AM – 1:00 PM

WOODRUFF HEALTH SCIENCES CENTER ADMINISTRATION BUILDING

WHSCAB LOBBY

SATURDAY, FEBRUARY 20, 2010

## RSVP

\_\_\_\_\_ I will attend

\_\_\_\_\_ I will require child care (indicate number of children)

\_\_\_\_\_ I will bring guests/students (number: \_\_\_\_\_)

\_\_\_\_\_ I would like to have “no prep” poster space (whiteboard area and pen to support a completely informal discussion of ideas or questions. Perfect opportunity to ask colleagues for help thinking through an issue, or locating a resource!)

General description of work: \_\_\_\_\_

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General category of work:

\_\_\_\_\_ Molecular

\_\_\_\_\_ Cellular

\_\_\_\_\_ Systems

\_\_\_\_\_ Behavioral

\_\_\_\_\_ Cognitive

\_\_\_\_\_ Other: \_\_\_\_\_

*Sponsored by Emory University Neurosciences Initiative*

## Faculty Networking Luncheons

### 2010 Schedule

<u>Date</u>	<u>Time</u>	<u>Location</u>	<u>Theme</u>
January 14, 2010	12:00 -1:30 PM	Winship Ballroom	<i>Journal Clubs</i>
February 15, 2010	12:00 -1:30 PM	Cox #5	<i>Spotlight on Psychiatry</i>
March 16, 2010	12:00 -1:30 PM	Cox #5	<i>Program Grants</i>
April 14, 2010	12:00 -1:30 PM	Cox #5	<i>Stroke</i>
May 13, 2010	12:00 -1:30 PM	Winship Ballroom	<i>Spotlight on Rehab</i>
June 14, 2010	12:00 -1:30 PM	TBD	<i>Neurosciences Educational Program</i>
July 13, 2010	12:00 -1:30 PM	TBD	<i>Autism</i>
August 11, 2010	12:00 - 1:30 PM	TBD	<i>Spotlight on Neurosurgery</i>
September 16, 2010	12:00 - 1:30 PM	TBD	<i>Office of Grants &amp; Contracts</i>
October 18, 2010	12:00 - 1:30 PM	TBD	<i>Spotlight on Neurology</i>
November 16, 2010	12:00 - 1:30 PM	TBD	<i>Sleep</i>
December 16, 2010	12:00 - 1:30 PM	TBD	<i>Histology Core</i>

SAVE THE DATE \* SAVE THE DATE \* SAVE THE DATE

## EMORY Neurosciences

### *Therapeutic Frontiers in Acute CNS Injury*

Friday, May 7, 2010

9:00am-5:00pm

White Hall Auditorium, Emory University

### *Cellular Mechanisms and Therapeutic Targets*

*Michael A. Moskowitz, MD (Massachusetts General Hospital)*

*“Cortical Spreading Depolarizations and the Neurovascular Unit: From Mouse to Human”*

*Roger Simon, MD (Legacy Health Systems)*

*“Acid Sensing Ion Channels in Brain, a New Therapeutic Target for Stroke”*

### *Clinical Translation and Enhancing Repair*

*Walter Koroshetz, MD (National Institute of Neurological Disorders and Stroke)*

*“Current and Future Directions for Translational Research in CNS Injury and Stroke at NINDS”*

*Jeffrey L. Saver, MD (UCLA Stroke Center)*

*“Meeting the Challenge of Translational Research in Acute Stroke”*

*Randolph J. Nudo, PhD (University of Kansas Medical Center)*

*“Progress and Discovery in Mechanisms of Repair and Recovery After Stroke”*

### *Traumatic CNS Injury*

*Edward D. Hall, PhD (University of Kentucky Medical Center)*

*“Toward a More Effective Approach for Inhibiting Reactive Oxygen Species-Induced Oxidative Damage in Traumatic Brain Injury”*

*Lisa McKerracher, PhD (LM Consulting)*

*“The Quest for Discovering a Therapeutic Strategy in Acute Spinal Cord Injury”*

### *Clinical Issues and Best Practices*

Panel Discussion with Emory Physicians

*Daniel Barrow, MD*

*Jacques E. Dion, MD*

*Fadi Nahab, MD*

*Owen Samuels, MD*

*Steven L. Wolf, PhD*

*David W. Wright, MD*

For additional information, please contact Maryam Carn at 404-727-0680 or [Maryam.carn@emory.edu](mailto:Maryam.carn@emory.edu) .

## Joint South East Nerve Net and Georgia/South Carolina

### Neuroscience Consortium Conference 2010

The 2010 South East Nerve Net (SENN) and Georgia/South Carolina Neuroscience Consortium (GA/SC/NC) conferences will be held jointly at Emory University in Atlanta, GA, Friday, March 5<sup>th</sup>, 2010, at 6:00 pm through 12:00 noon on Sunday, March 7<sup>th</sup>.

This combined meeting will showcase neuroscience research in the Southeastern US and provide an opportunity for junior researchers, students and postdocs, to present their work in a friendly and collaborative setting. The deadline for abstract submissions has passed but all are still invited to attend the conference. **Late registration deadline, February 26, 2010**

Faculty: \$100

Post-doc/student: \$50

### KEYNOTE SPEAKERS

Friday, March 5, 2010 at 7:00 pm

**Steve Potter, Ph.D.**

Associate Professor, Laboratory for NeuroEngineering, Coulter Dept. of Biomedical Engineering, Georgia Institute of Technology

**“Closed-loop Neural Interfaces for Studying Learning, Memory, and Network Dynamics”**



Saturday, March 6, 2010 at 6:30 pm

**Catherine Dulac, Ph.D.**

Professor of Molecular and Cellular Biology, Howard Hughes Medical Institute Investigator, Dept. of Molecular & Cellular Biology, Harvard University

**“Sex Battles in the Brain”**



#### **Organizers:**

Astrid Prinz<sup>1</sup>, Larry Young<sup>1</sup>, Paul Katz<sup>2</sup>  
Tomasz Smolinski<sup>1</sup>, Cengiz Gunay<sup>1</sup>, Sonia Hayden<sup>1</sup>  
<sup>1</sup>Emory University  
<sup>2</sup>Georgia State University

**Dinner and Entertainment:** Saturday night there will be a dinner with ample opportunity for networking. After dinner, Dennis Choi and his band, The Mnemonics will provide entertainment! It should be a fun time for all.

If you have specific questions you may email [astrid.prinz@emory.edu](mailto:astrid.prinz@emory.edu) or call at 404-727-5191. To be added to our mailing list, send your email contact information to [sonia.hayden@emory.edu](mailto:sonia.hayden@emory.edu)

For full conference details please visit - [http://www.biology.emory.edu/research/Prinz/senn\\_gascnc/index.html](http://www.biology.emory.edu/research/Prinz/senn_gascnc/index.html)