

Symposium Schedule

Human Disease Research in the 21st Century

Saturday, March 28, 2009

8:00-9:00a.m. Breakfast, Registration and Student Poster Set-up

9:00-10:00a.m. Welcome: Drs. Chris Korey and Beth Meyer-Bernstein
(*Physicians Auditorium*)

Keynote: **Huntington's Disease - Genetics and Neuroscience**

Dr. Marcy E. MacDonald, Ph.D.

Center for Human Genetics Research, Harvard Medical School

10:00-10:45a.m. Student Platform Session I (*Physicians Auditorium*)

- **Novel GABAA Receptor Mutations Exhibit Subunit-Selective Effects on Receptor Properties**
Shana Dykema, University of South Carolina
- **Long-Term Potentiation in a Sprouted Hippocampal Pathway**
Sarah Rhodes, Davidson College
- **The Role of Dopamine D2 and D3 Receptor in Adolescent Nicotine Sensitization and Conditioned Hyperactivity in Rats D2-receptor Primed as Neonates: Sex Differences**
Julia Lehmann, East Tennessee State University

10:45-11:00a.m. Coffee Break

11:00-12:00 Poster Session I (Even Posters in *Alumni Hall*)

12:15-1:45p.m. Lunch/Student Workshops (*Rita Liddy Hollings Science Center*)

- Session I: 12:15-1:00 p.m.; Session II: 1:00-1:45 p.m.

2:00-3:00p.m. Poster Session II (Odd Posters in *Alumni Hall*)

3:00-3:30p.m. Student Platform Session II (*Physicians Auditorium*)

- **Altered Peripheral and Spinal Innervation Patterns in a Rodent Model of Fetal Alcohol Exposure: Implications for Somatosensation and Nociception**
Jeet Guram, University of South Carolina
- **Self-Administration of Heroin and Incubation of Drug-Seeking Behavior in Adolescent and Adult Male Rats**
James Doherty, Georgia State University

3:30-4:30 p.m. Closing Keynote:
Dr. Misha Angrist
Duke Institute of Genome Science and Policy

4:30 p.m. Closing Remarks

Lunch Workshops

Each workshop discussion will last 45 minutes and will be presented twice (12:15-1:00pm and 1:00pm-1:45pm).

Workshop: Scientific Writing

Location: Science Center Room 108

Leader: Jennifer G. Schnellmann, Ph.D., E.L.S., Medical University of South Carolina

Workshop: AMCAS Enhancement Tips

Location: Science Center Room 218

Leader: Karen Eippert, Director of Pre-professional Health Advising, College of Charleston

Workshop: Applying to Graduate School

Location: Science Center Room 239

Leader: James Buggy, Ph.D. Dean of the Graduate School, University of South Carolina

Workshop: Alternative Careers in Neuroscience

Location: Science Center Room 227

Leaders: Christine Lauay, Ph.D. (Medical Writer), Yashmin Karten, Ph.D. (Technology Transfer)

Workshop: Personal Genomics and Modern Medicine

Location: Science Center Room 317

Leader: Dana Waring, Harvard Medical School

The following workshops will only be presented only once:

Workshop: Teaching Undergraduate Neuroscience in the Digital Age

Location: Science Center Room 133

Leader: Chris Korey, College of Charleston

Workshop: Brain Awareness Week

Location: Science Center Room 133

Leader: Open Discussion