**mGluRs 2012 Schedule**

Saturday, September 29, 2012

Time Activity Location .

8:30-9:00 am Registration Wishart Lobby

Breakfast Freedlander Lobby

9:00 am Welcome by Provost Carolyn Newton Lean Lecture Hall

Presentation by Peter Erdi, Kalamazoo College

Co-Director of the Budapest Semester in Cognitive Science

Announcement by 2013 mGluRs host, Karen Gunther,

Wabash College

9:30-10:30 am Breakout Session I:

***Alternative Careers in Science*** Wishart 104

Laura Grimm, M.S. Plant Pathology, The Ohio State University

8th grade science teacher, Dalton OH Intermediate

Donald M. Steffy, Senior Technical Writer, Ethicon Endo-Surgery, Inc., a Johnson & Johnson Company

Kathy Corcoran, D.V.M. The Ohio State University, J.D. Case Western Reserve University, Program Manager Veterinary Technology, Cuyahoga Community College

***Medical School Panel*** Wishart 101

Paul Bonvallet, Ph.D. University of Wisconsin

College of Wooster Pre-Health Advisor

Charu Swamy, Case Western Reserve University

Residency in Orthodontics, The Ohio State University D.D.S. Program

Lakshmana Swamy, College of Wooster ‘05

5th year M.D./M.B.A. student at the Boonshoft School of Medicine at Wright State University

Warren Swegal, College of Wooster ‘08

5th year M.D. student at Cleveland Clinic Lerner College of Medicine of Case Western Reserve University

***Faculty Discussion*** Wishart 102

Council on Undergraduate Research: Characteristics

of Excellence in Undergraduate Research

Karen Gunther, Ph.D., Wabash College, CUR councilor

Meagen Pollock, Ph.D., College of Wooster, CUR councilor

10:30-11:30 am Poster Session 1 and Coffee Break Freedlander Lobby

Posters #1 through #17

11:30-12:15 pm Buffet Style Lunch Lean Lecture Hall

Time Activity Location .

12:15-1:15 pm Keynote Address: Scott Thompson, Ph.D. Lean Lecture Hall

Department of Physiology, University of Maryland

School of Medicine

*“Excitatory synapses get the blues: a new way to think about depression”*

Summary: The ‘serotonin hypothesis of depression’ has been with us for more than 50 years, and has led to the development of Prozac and other effective medications, but what is really wrong in the depressed brain? What does serotonin do that is so important for keeping the brain working right? Join us for a re-examination of these questions!

1:15-2:30 pm Breakout Session II:

***Graduate School Sponsor Panel***  Wishart 102

Daniel Wesson, Ph.D.

Case Western Reserve University

James Eliassen, Ph.D. and Kim Seroogy, Ph.D.

University of Cincinnati

Kathrin Engisch, Ph.D.

Wright State University

Taryn Aubrecht, College of Wooster ‘11

The Ohio State University, 2nd year graduate student

Scott Thompson, Ph.D.

University of Maryland School of Medicine, Baltimore

***Faculty Discussion*** Wishart 104 Introduction to Neuroscience course:

best practices and common problems

2:45-3:30 pm Student Platform Presentations Lean Lecture Hall

David George, Duquesne University

*“Inhibition of metabotropic glutamate receptor 5 reduces on-going spontaneous pain as measured by conditioned place preference in mice.”*

Zane Kalik, Youngtown State University

*“Regulation of the L-type calcium current by sex steroids: a mechanism for increased arrhythmia vulnerability in the female heart.”*

Greg Norris, College of Wooster

“*Administration of a novel chemotherapy agent in a pediatric brain tumor mouse model.”*

3:30-4:30 pm Poster Session #2 and Dessert Freedlander Lobby

Posters #18 through #34

4:30PM Presentation of the BSCS Prize

Wrap-up, Thank you and Goodbye