

West Virginia IDeA Network of Biomedical Research Excellence

SUMMER RESEARCH SYMPOSIUM

Robert C. Byrd Health Sciences Center of West Virginia University
July 31, 2008

Health Sciences Center – Room 1901

8:30 – 9:00 AM: Registration and Breakfast

9:00 – 9:15 AM: **Dr. Fred Butcher**, Interim Vice President for Health Sciences;
Dr. Gary Rankin, Principal Investigator, WV-INBRE

Opening Remarks

Keynote Speaker

9:15 – 10:15 AM: **Dr. Robert R. Ruffolo, Jr.**, President of Research and Development and Senior Vice President, Wyeth Pharmaceuticals

**"The Trials and Tribulations of a Medical Breakthrough:
The Discovery and Development of Carvedilol for Heart Failure"**

Oral Presentations by WV-INBRE Participants

10:15 – 10:30 AM: **Dr. Darrell Crick**, Concord University, WV-INBRE pilot grant recipient, **"Appalachian Ethnobiology as a Guide for Discovery of Bioactive Compounds: Activity of *Euonymus Americanus*"**

10:30 – 10:45 AM: **Dr. Tesfaye Belay**, Bluefield State College, WV-INBRE pilot grant recipient, **"Effect of Stress on Resistance to *Chlamydia trachomatis* Infection in a Mouse Model"**

10:45 – 11:05 AM: **Break**

11:05 – 11:20 AM: **Dr. Jarrett Aguilar**, West Liberty State College, WV-INBRE Project Investigator, **"Molecular Modeling of Substrate Effector Pairs in CYP 2C9"**

11:20 – 11:35 AM: Christopher Wolf, West Virginia Wesleyan College, WV-INBRE Summer Intern, **"CHMP1A Expression and Function in Colon Tumors"**

11:35 – 11:50 AM: Tierra Williams, University of Charleston, WV-INBRE Summer Intern, **"S-Adenosylmethionine Modulation of Acetaminophen Effects on Hepatic Glutathione Peroxidase Activity, MAT Enzymes and SAME Levels"**

11:50 – 12:05 PM: Jessica Johnson, Shepherd University, WV-INBRE Summer Intern, **"Effects of Environmental Tobacco Smoke on Neuropeptide Y Innervation in the Airways of Early Postnatal Mice"**

12:05 – 12:20 PM: Jason McNair, Alderson-Broaddus College, WV-INBRE Summer Intern, **"Mitochondrial Dysfunction Within Distinct Mitochondria Subpopulations in Type 2 Diabetic Heart"**

Lunch

12:20 – 1:30 PM **Health Sciences Center Cafeteria**

Poster Session

1:30 – 3:30 PM **John Jones Conference Center**

WV- INBRE participants will present posters describing their research activities.