

**West Virginia IDeA Network of Biomedical Research Excellence
SUMMER RESEARCH SYMPOSIUM**

Marshall University
Huntington, WV
August 2, 2007

Memorial Student Center - Don Morris Room

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

9:00–9:15 AM: **Dr. Charles H. McKown, Jr.**, Dean and Vice President
for Health Sciences, Joan C. Edwards School of Medicine

Dr. Gary Rankin, Principal Investigator, WV-INBRE

Opening Remarks

Oral Presentations by WV-INBRE Participants

9:15–9:30 AM: **Dr. Charlie Chen**, Alderson-Broaddus College - **“Inhibition of Cell Growth and VEGF Transcription in Ovarian Cancer Cells by Flavonoids”**

9:35–9:50 AM: **Dr. Barbara Fenner**, Wheeling Jesuit University - **“The role of HUVEC cells on neurite outgrowth in SH-SY5Y cells”**

9:55–10:05 AM: **Dr. Daniel Phillips**, Bethany College – WV-INBRE Summer Fellow – **“Synthesis and Characterization of a C8-Methoxymethylphenylguanine Modified DNA Oligonucleotide to Study B Form to Z Form Transitions in DNA Secondary Structure”**

10:10–10:20 AM: **Joshua Briscoe**, West Virginia Wesleyan College – WV-INBRE Summer Intern: **“Particulate Matter Exposure and Microvascular Responsiveness to Adenosine”**

10:25–10:45 AM: **Break**

10:45–10:55 AM: **Virginia Hunter**, West Virginia State University – WV-INBRE Summer Intern: **“N-acetyl-L-cysteine (NAC) enhances all-trans retinoic acid (ATRA)-mediated differentiation through modulation of retinoid receptor transcriptional activity”**

11:00–11:10 AM: **Gina Cottrill**, Glenville State College – WV-INBRE Summer Intern: **“The immune response to T-independent and T-dependent antigens is enhanced by the pesticide 3,4-dichloropropionanilide”**

11:15–11:25 AM: **Kelley Reneau**, Bethany College – WV-INBRE Summer Intern: **“REM sleep and short-term spatial memory function in rats”**

Keynote Speaker

11:30–12:25 PM: **Dr. Sidney A. McNairy, Jr.**, Associate Director for Research Infrastructure and Director, Division of Research Infrastructure, National Center for Research Resources, National Institutes of Health:

“What It Takes to Succeed in the Biomedical Sciences”

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Lunch

12:25–1:30 PM **John Marshall Room**

Poster Session

1:30–3:30 PM **Don Morris Room**