

PKP Student Research and Fine Arts Conference
March 12, 2008
All sessions (except keynote address) are in Science Building

Keynote Address

"Ebola Viral Infections: History and an Approach to Therapy"
Professor Stewart Schneller
Department of Chemistry and Biochemistry Auburn University
University Hall 170, 11am

Opening Remarks/Performance 12:30-12:50 - Atrium

“Of War and Water” - 1:00 pm - Room W-1002

Ula Gaha
Abstract: "Paranoia and the American Conscience in the Films

Travis Miller
"Social Psychology in Mr. Smith Goes to Washington and The Manchurian
Candidate"

MaryÅ>ka Connolly-Brown
"Eve Exposed: Of Apples and Queens in The Manchurian
Candidate and Election"

Death in William Shakespeare's Hamlet
G W Hitchcock II, Department of Communications and Professional Writing

Recycled Water
Ryan M. Gay, Pre-Marketing

“Biological Identities” - 1:00 pm - room W-1008

Predatory Identification of the Fiddler Crabs Using Angular Stimulus

Approaches

Charles A. Brown, Lewis Boykin, Patrick Smith, Jessie Amador Biology

A Computational Method for Predicting Bacterial Culture Growth
Roy Wireman, Computer Science and Brian Lumpkin, Biology

Identification of a Streptomyecete Possessing Antimicrobial Properties
David A. Schulte, Chemistry

Identification of Pigmented and Tetracycline-Resistant Bacteria by 16S
rRNA Sequencing
Vernon D Horst, Dept. of Biology

“Politics & Poetry” - 1:00 - Room W-1001

Ripken, the Greenjackets, and the Politics and Economics of Stadium-building
Andrew Jensen, Political Science

Examining External Factors Affecting Participation in College Student Government: An
Institutional Perspective
By Miguel Trujillo, Political Science

Symbiosis: Expansion of Artistic Creation and Multiperspectival
Cognitive Expansion
Melissa A. Wetmore, Department of English and
Foreign Languages

“Methods of Investigation” - room E-1053 - 1:00 pm

A Computer Information System as an Educational Aid for Inquiry-Based
Learning of Calculus I
James Attwood, Computer Science

Picrotoxin Attenuates Taste Aversions Based on Ethanol and Nicotine
Shalon M. Howard, Psychology

A COMPUTATIONAL AND EXPERIMENTAL STUDY OF THE VACUUM
CANNON
Rebecca L. Sawyer, Physics

Nuclear Fluorination of Various 1,3,5-Triphenylpyrazoles with NFS
Jason W. Eades, George M. Hinnant, and LeAnn Walton

The Process of Identifying Glass Bottles
Maggie M. Needham, History, Anthropology and Philosophy

“Homeland Security” - room W-1001 at 2:30

Homeland Security: Issues and Challenges
Student Presenters: Scott Argo, Kelly Edwards, Medina Marirene Edwards, and Jeane
Silva, Master of Public Administration Program

How Safe is Our Food Supply?
Scott Argo, Master of Public Administration Program, Political Science

The EMS Identity Crisis
Kelly W. Edwards, Master of Public Administration Program, Political Science

The REAL ID Act: Good Idea or Real Nightmare
Marirene Medina Edwards Master of Public Administration Program

Microbiology and Biodefense
Jeane Silva, Master of Public Administration Program

“Novels and Newspapers” - room W-1002 at 2:30

Hawthorne’s Use of Landscape in *The Scarlet Letter*
Ashley E. Gutierrez, English and Foreign Languages

How the Garcia Girls Lost Their Accents: Rewriting Chekhov’s *Kashtanka*
Zoe Tolson, English and Foreign Languages

The Alexandria Gazette and its Community of Journalism

By Morgan Riney, Nikkita Britt, Drew Landrum, and Kenny Walter

Coverage by Two Leading Newspapers During the Civil War: Dailies vs.
Illustrated Weeklies

By Justin Williams and Amanda Phillips

“Women Then and Now” - 2:30 - room E-1053

Doug Holley

The Belle of the Fall: Ellen Glasgow and â€œJordan's Endâ€

Heidi Williams

Modernism and the Southern Belle

Crystal Lancaster

Transmogrified in the Telling: Granny Youngerâ€™s Version of Events

Women's Rights Abuses in Pakistan

Author: Chris Harrison

Student-Mothers

Tracee Davis-Cullum, Communications Department; Molly Sheffler, History
Department; Maggie Needham, History Department

Environmental and Human Health, Room W-1008, 2:30

Macroinvertebrates as Indicators of Stream Health:

Sampling Georgiaâ€™s Ecoregions

Kelley Jonske and Chassie Beckworth, Biology

Distribution of Lead in Radishes Grown in Contaminated Soil

Robin Giesecking, Chemistry

Synthesis of Tellurophene and Stille Couplings of the Tin Derivatives

Daniel P. Sweat and Chad E. Stephens

Variable Chemoselectivity in the Nitro Reduction of

1-(Cyanomethylsulfonyl)-2-Nitrobenzene

Joseph E. Banning, Chemistry and Physics

Dating Communities by Soil Lead Content

Whitney L. Jones, Chemistry and Physics

POSTER SESSION – Atrium – 12-2:30 p.m.

The Vanishing South

By Edgar Miles, Jessica Helms, Andrea Bennett,
Nikki Britt, and Timothy Burrows

The Subprime Mortgage Crisis
Jaclyn Fortson, Political Science

The Business Dominance and Pluralist Models Applied to King Coal
Casey Wolfe, Political Science

What's On Your Agenda?
Vicki L. Seal, Kenya Waltower, Brookey Bentley, and Courtney Bell

Practical Applications for a 1-D Geophysical Resistivity Apparatus: Field tests and
simulation
John Allison and Michael Nadolsky, Chemistry and Physics

Perceptions of Direct, Indirect, and Passive Aggression
Jennifer L. Fortenberry, Psychology

Synthesis of 2-Amino-3-cyanofuran and -pyrrole Using Sonication or
Microwave Irradiation
Aditya Parikh, Paul S. Howell and Chad E. Stephens

Implicit Association Tests for Eye Color Preference:
In-Group Biases Revealed
Ryan Emmett, Adam Underwood, Bre Savelkoul, Psychology

CO2 Footprint Reduction of the ASU Science Building
Brandon L. Hammond, Biology and Jeramy Barry, Physics

A group theoretical study of multiferroic compounds
Anthony Zamberlan

Initial Social Acquaintance and Food
Christina S. Khal, Natalie A. Murphy, and Dr. Deborah Richardson

Nursing Implications with Cardiovascular Disease in Women
Beth McCutcheon, Nursing

The Role of Nursing in Alzheimer's Disease
April Hope Hall, Nursing

A Look at Raynaud's Disease and the Role of the Nurse
Cecilia L. Smith, Nursing Student

Parkinson's Disease and the Nurse's Role
Kellie R. James, Nursing

Nursing Management of Asthma in Children
Heather H. Hunter-Watson, Nursing Student

Attention Deficit Hyperactivity Disorder
Maliaka P. Bigger, Nursing Student

Patient Education of Migraines
Christine Baker, Nursing

Pulmonary Artery Hypertension-The Nurse's Role
Sarah Jo Jackson, Nursing

Nursing Care for Alzheimer's Patients and Families
Donna Oman Nursing Department

Nursing Management of Tuberculosis
Rebecca Oberzan, Nursing

Hinduism in Augusta
Richard Spencer, Hull College of Business, and Kathryn Calkins, Political Science

The Rise of Online Gaming into Popular Culture
Travis Wagner, Anna Revolinski and Alexander Bauer, Communications and
Professional Writing

An Analysis of Gene Regulation in the bacterium *Vibrio fischeri*
Mary Y. Truitt, Biology