



# *Honors Day Symposium*

**JAMES H. THOMASON LIBRARY  
EDMUNDS HALL  
HARPER CENTER  
HARRINGTON-PEACHTREE**

**APRIL 18, 2013**



PRESBYTERIAN COLLEGE  
IS AN INSTITUTIONAL MEMBER OF THE  
COUNCIL ON UNDERGRADUATE RESEARCH

*Learning Through Research*

# Honors Day Symposium

8:00-9:00 a.m.

## HP 214

### **History Capstone I\*** **Presider: Stefan W. Wiecki, Ph.D.**

- McKenzie Jackson "Bushido or Bull? Justifying Japanese War Violence Through Culture"  
Allston LaBruce "The Changing Roles of Women in Nazi Germany"

8:45-9:00 a.m.

## **Library Reading Room**

### **Welcome** **Claude C. Lilly, Ph.D.** **President, Presbyterian College**

9:00-10:00 a.m.

## Library 39

### **Memory and Developmental Issues\*** **Presider: Claude C. Lilly, Ph.D.**

- Lindsay Krause & Maggie Stalls "The Effects of Texting on Cognitive Mapping and Working Memory"  
Sarah Bumgarner "Links between Parenting Style and Internalizing and Externalizing Problems in Adolescents"

## Library 54

### **Analysis of Microorganisms\*** **Presider: Stuart Gordon, Ph.D.**

- Allison Karabinos & Katie Wilson "Functional Analysis of the Maize Phyllosphere Microbiome"  
Meredith Shieder Jenkins "The Evaluation of Triclosan Transdermal Penetration Using a Parallel Artificial Membrane Permeability Assay (PAMPA)"

## Library Reading Room

### **Health, Development, and Well-being** **Presider: Thomas R. Parrish (Trustee, Presbyterian College)**

- Patrick Haile "The Relationship between Religion and Happiness"  
K. Jennifer Carter "Antipsychotic Rechallenge Following Neuroleptic Malignant Syndrome: Examination of Second Generation Antipsychotics"  
Katie Rebecca Wilson "Normal Stages of Osteogenesis of the Avian Hind Limb: A Microscopic Study"  
Kaitlyn Lollis "Impact of Medication on Driving"

---

\*30 minute presentations

## *Honors Day Symposium*

9:00-10:00 a.m.

### **Library 214**

#### **Identity Issues\***

**President: Margaret T. McGehee, Ph.D.**

Grace Aldridge

“Mother Dearest to Mother Monstrous: The Intersection Between Motherhood, Region, and Monstrosity in Southern Women's Writing”

Mary Ellis Glymph

“England versus France: Unearthing Linguistic Identity through Early Modern Lexicography”

### **HP 214**

#### **History Capstone II\***

**President: Stefan W. Wiecki, Ph.D.**

Jay Yarborough

“D-Day: The Changing U.S. Soldiers’ Experience”

Murray Corbett

“Shell Shock and PTSD through Movies and Memoirs”

### **HP 209**

#### **History Capstone III\***

**President: Richard R. Heiser, Ph.D.**

S. Montgomery Cornelson

“Elizabeth I: A Queen, not a Soldier”

Garrett E. Warren

“The Findings and Makings of Common Ground and Peace”

10:05-11:05 a.m.

### **Library 39**

#### **Making the World a Better Place\***

**President: Chad Rodekoher, Ph.D.**

Mitchell Joseph Isaac

“Mathematical Analysis of Braided Rope”

Ethan R. Woodard

“The True Green Project”

### **Library 54**

#### **Pain\***

**President: Jeffery Grim, Ph.D.**

Joanne Petz

“Using Herpes Simplex Virus Mediated Gene Therapy to Decrease Neuronal Activation in Neuropathic Pain”

Jonathan Tyler Hammett

“Sickle cell pain: Protein kinase C gamma expression in the periaqueductal gray following peripheral endothelin-1 administration”

### **Library Reading Room**

#### **Family and Gender Issues**

**President: Laura Crary, Ph.D.**

Catherine Tarvin

“Age of Marriage”

Grace Aldridge

“The Construction of Heroine in the Novels of Jane Austin”

Graham Hope

“‘GRΣΣK’ and Gender Inequality”

Meghan King

“The Female Nude in Art History: Depictions and Implications”

---

\*30 minute presentations

## *Honors Day Symposium*

10:05-11:05 a.m.

### **Library 214**

#### **Family Issues**

**Presider: Brian Reese**

- |                       |  |
|-----------------------|--|
| Mirhanda Alewine      | “The Importance of Naming in ‘The Poisonwood Bible’” |
| Mary Catherine Heard  | “Elizabeth I: Ascending the Throne Against all Odds” |
| Anderico R. Bailey    | “Education’s Influence on Spanking”                  |
| Krishonda D. Burnside | “Parents' Influence on Their Children's Education”   |

### **HP 214**

#### **History Capstone IV\***

**Presider: Stefan W. Wiecki, Ph.D.**

- |              |   |
|--------------|---|
| Julia Burger | “The Changed American Homefront: What Happened to Uncle Sam?”                       |
| Emily James  | “The Myth of Resistance: The Evolution of Italian Representations of the Holocaust” |

### **HP 209**

#### **History Capstone V\***

**Presider: Richard R. Heiser, Ph.D.**

- |                   |   |
|-------------------|---|
| Thomas R. Geene   | “Tudor Women and Their Role in the English Reformation” |
| Timothy F. Fowler | “The Transformation or Stagnation of Henry VIII”        |

11:10-12:10 p.m.

### **Library 39**

#### **Small Particles\***

**Presider: Latha Gearheart, Ph.D.**

- |                                       |   |
|---------------------------------------|---|
| Jasmine Herndon &<br>Reona Broadwater | “Development of Siderophore-conjugated Antimicrobials for the Treatment of Topical Wound Infections”                            |
| Julianne Profilet Lenti               | “Synthesis of Gold and Silver Nanoparticles in Deep Eutectic Solvent: Potential Catalysts in the Relaxation of Supercoiled DNA” |

### **Library 54**

#### **Economic and Parasitic Impacts\***

**Presider: L. Thompson Lawson III (Trustee, Presbyterian College)**

- |                              |   |
|------------------------------|---|
| Abby Scott &<br>Kayla Yerden | “Economic Impact of Presbyterian College on Laurens County” |
| Jeanette Traver              | “The Effects of Toxoplasma on Driving”                      |

---

\*30 minute presentations

## *Honors Day Symposium*

**11:10– 12:10 p.m.**

### **Library Reading Room**

### **Animal Studies\***

**President: Karen Buckland, D.M.A.**

Det Cullum

“Learned Avoidance in the Male Syrian Hamster”

Det Cullum, Erik Haugsnes,  
& Michael Hanna

“Learned Avoidance in the Male Syrian Hamster: Effects of Glucocorticoid Antagonist on Memory Reconsolidation”

### **Library 214**

### **Government and Economy**

**President: Robert H. Hopkins (Trustee, Presbyterian College)**

Laura Blanco

“The Economy of Germany”

Mary Honan

“Taking Guernica by the Horns: Modern Art’s Battle to Avoid the Flames”

Janet E. Langley

“Bloody Mary”

Rebecca Settle

“The Relationship between Education Levels and Views about Foreign Aid”

### **HP 214**

### **History Capstone VI\***

**President: Stefan W. Wiecki, Ph.D.**

Kirsten Witry

“‘A Misinformation Campaign’: The Internment of German-Americans during World War II”

Zack Robertson

“Native American Involvement in American Society after World War II”

### **HP 209**

### **History Capstone VII\***

**President: Richard R. Heiser, Ph.D.**

Joseph M. Lettig

“Whose Wife is She Anyway?”

Andrew B. Williams

“The Pursuit of Perpetual Peace”

**12:10-1:10 p.m.**

**Lunch**

---

\*30 minute presentations

## *Honors Day Symposium*

### **Keynote Address**

### **Edmunds Hall**

**1:15-1:45 p.m.**

Introduction

Donald R. Raber II, Ph.D.  
Provost

"Keep Doing Economics"

Jody W. Lipford, Ph.D.

Professor of Economics and Business Administration

2012 Faculty Scholarship Award Winner

**2:00-4:00 p.m.**

## **SENIOR ART PROJECTS**

### **Harper Center Gallery**

Megan Carn

Zach DeBernardi

Bess Reynolds

Joey Lookabill

Nick Bozard

**2:30-3:30 p.m.**

## **MUSIC HONORS RECITALS**

### **Edmunds Hall**

Tianna M. Smith                      Voice

James T. Brannon                      Guitar

Cassidy Jarrett                      Percussion

Joshua R. Harrington                      Organ

Elizabeth Derrick                      Voice

Jo Anna McAnally                      Viola

Zachary W. Wells                      Voice

Brenda Abigail Sease                      French Horn

Tyler P. McDaniel                      Trumpet

---

\*30 minute presentations

## POSTERS

### Library Reading Room

Ronnie McCall Anderson	“Do Water Fleas Feel Cold? Evidence for TRPM8 Expression in <i>Daphnia Magna</i> ”
Laura Dajani & Danielle Van Delden	“FGD1 Mutations in Breast Tumors”
Lyndsay Raye Gormley	“Y-site Physical Compatibility of Intensive Care Unit Admixtures with Cisatracurium”
Edward Keith Snead IV	“Are Thermal Islands Real in Small-Scale Cities?”
Ayla Pittman	“Bacterial Functional Genomics: <i>Acidovorax</i> subspecies <i>avenae</i> Mutagenesis”
Megan Danielle Sumner	“Y-site Physical Compatibility of Commonly Used Medications in an Intensive-Care Unit: A Focus on Esomeprazole, Electrolyte, and Insulin Infusions”
Ambreona Thomas	“Can Water Fleas Sense Acidity? Evidence for ASIC3 Expressions in <i>Daphnia</i> ”

### Library 39

#### Corn and Kudzu

President: Suann Yang, Ph.D.

Julia Goeckel	“Microscopic Characterization of Maize Leaves using Founders of the NAM Population”
Theresa Freeman	“Kudzu Inhibits the Germination and Development of <i>Monarda didyma</i> and <i>Penstemon digitalis</i> by Allelopathy”
Lindsay Rutledge	“Phenotypic Response to <i>Acidovorax avenae</i> Infection in the IBM 94 Maize Population”

### Library 54

#### Economic and Academic Outcomes

President: Suzanne J. Smith, Ph.D.

Derl Howard	“The Postive Effects that Occupation Status Has on the Health and Well-being of Workers”
Andrew Kocis	“From Offshoring to Reshoring”
Sarah Bumgarner & Drew Brandel	“Parenting Style, Internalizing and Externalizing Problems, and Academic Performance in Adolescents”*

---

\*30 minute presentations

## *Honors Day Symposium*

**1:50-2:50 p.m.**

### **HP 214**

#### **History Capstone VIII\*** **President: Stefan W. Wiecki, Ph.D.**

Yates Atkinson

“Chivalry in Aviation during World War I and World War II”

Patrick Kennedy

“Bending History: Martin Sherman’s Bent and the Evolution of Popular Portrayals of Gay Holocaust Victims”

### **HP 209**

#### **History Capstone IX\*** **President: Richard R. Heiser, Ph.D.**

Gordon Ball

“The Role of the Sweating Sickness in Tudor England”

Aaron R. Mayes

“Tudor Punishment: A History Blemished by Public Executions”

**2:55-3:55 p.m.**

### **HP 214**

#### **History Honors Presentations\*** **President: Stefan W. Wiecki, Ph.D.**

Will Lewis

“Broker of Power: Alexander McGillivray, Politics, and Diplomacy in Eighteenth Century Creek Country”

Drew Brandel

“Some Curse the Darkness, Some Play Hide and Seek: A Study of the Psychological Benefits of Art, Writing, and Play for Children in the Terezin Concentration Camp”

## **Belk Auditorium**

## **Honors Convocation**

### *Honors Day Symposium*

Robert H. Freymeyer, Ph.D., Organizer and Program Chair

C. Clinton Harshaw, Ph.D., Editor, Abstract Book