

Undergraduate Expo 2008

Western Carolina University

March 24-27

Welcome

The tenth Undergraduate Expo is the largest ever, with some 220 student presenters and 65 faculty sponsors, spread over 27 departments and four days. During this week, Western Carolina University celebrates undergraduate achievement, with presentations representing the creative thinking, research, practice, service, calculation, writing, and editing that occurs every day our institution is open, in studios, labs, classrooms, and out in the field. *Please take some time out this week to attend a presentation, even one that is out of your discipline, to learn more about what is taught and learned at your university.*

The Expo Reception

The reception for students, faculty sponsors, and the community at large will begin at 5:00 p.m. on Monday, March 24, in the Grand Room at the University Center. Certificates of appreciation will be distributed to student presenters and faculty or staff sponsors. A brief program will start at 6:00 p.m. in the Grand Room, where special faculty presentations will be announced.

Poster Session

The Expo Poster Session will be held in and around the University Center Grand Room from 5:00 p.m. to approximately 6:30 p.m. on Monday, March 24.

Press Releases for Student Presenters

All student presenters are asked to arrive at the Expo Reception by 4:30 p.m., so their pictures can be taken for press releases and so those with posters will have time to set up their materials. Name tags and certificates will be distributed at that time.

National Conference on Undergraduate Research

Western Carolina University will send 39 students to the 2008 conference in Salisbury, Maryland. Please check the program on the next page for the complete list of NCUR22 abstracts accepted; this year, WCU ranked sixth in the nation in number of accepted abstracts.

Acknowledgments

Without students to do the work and faculty members to mentor them, there would be no Expo. Many thanks to them, and to the deans, associate deans, directors, and department heads who did so much to help promote the Expo this year ~ our biggest ever!

National Conference on Undergraduate Research 2008

Presentations at the 22nd National Conference on Undergraduate Research will be held at Salisbury University, Salisbury, MD, April 10-12, 2008. Below are the projects accepted, titles, student presenters, and their sponsors.

Anthropology/Sociology

From the Mudpit to the Hearth: Exploring Cherokee Pottery Making

Student Presenter: Jessica Compton

Sponsor: Jane Eastman

Beyond Band Aids: A Study of the Healthcare Workforce Shortage in Western North Carolina

Student Presenter: James Picker

Sponsor: Peter P. Nieckarz, Jr.

Art/Interior Design

Museum Interaction: A Friendly Dialogue

Student Presenter: Dawn Treneman

Sponsor: Jane Nichols

Biology

Preliminary Work Toward Development of a DNAzyme for Probing RNA Secondary Structure

Student Presenter: Alan D. Curtis

Sponsor: Christopher Coburn

Traditional Cherokee Medical Techniques Antioxidant Properties

Student Presenter: Steven Hollenback

Sponsor: Lori Seischab

Chemistry and Physics

Ions at the Air/Water Interface: Inhibition or Enhancement of Neutral Solute Adsorption?

Student Presenter: Katie Blumsack

Sponsor: Carmen Huffman

Substrate Specificity of Soluble Quinoprotein Glucose Dehydrogenase

Student Presenter: Alisha Hunter

Sponsor: Aster Dewanti

Education/Allied Professions

ABC's or Back to the Basics?

Student Presenter: Emily A. Collman

Sponsor: Pam Buskey

Electrical Engineering

Design of a Single Mode Active Waveguide Using Comsol[®] Software

Student Presenters: ... Shawn S. Dowdell,

Jason D. Hull, and Lami M. Kamba

Sponsor: Weiguo Yang

English

"She Was Shy and Simple and Young": Our Lady of Trilogy

Student Presenter: Maleah Pusz

Sponsor: Annette Debo

Dare I Eat a Peach? A Debate Over the Usage of Dante's Inferno in Eliot's The Love Song of J. Alfred Prufrock

Student Presenter: Catherine Connor

Sponsor: Brent Kinser

Hamlet's Problem

Student Presenter: David Young

Sponsor: Terry Nienhuis

Hurston's Ishmael: The Use of Biblical Exile Narrative in "Jonah's Gourd Vine"

Student Presenter: Isaac Sturgill
Sponsor: Annette Debo

I Hadde The Beste Quonyam Myghte Be: Feminine Sexuality, Chaucer and Lollardy

Student Presenter: Kendra Coker
Sponsor: Brian Gastle

Indian Killer

Student Presenter: Stephanie Jamison
Sponsor: Brian Railsback

Lonely Monsters

Student Presenter: Timothy McNeely
Sponsor: Brent Kinser

Mothers of the Road: Hope for the Future

Student Presenter: Chele Whalen
Sponsor: Annette Debo

Selkies and Fox Brides: The Dangers of Marriage

Student Presenter: Kirsten Huscusson
Sponsor: James Addison

Entrepreneurship

Social Entrepreneurship: Programs for Prisoners and the Homeless

Student Presenter: Linda Gardner
Sponsors: Bethany Davidson and Frank Lockwood

Geosciences and Natural Resource Management

A Spatial Model Predicting Location of Winter Hibernacula and Summer Gestation Sites for Timber Rattlesnakes in Western North Carolina

Student Presenter: Jennifer Slagle
Sponsor: Ronald W. Davis

Health Sciences

Evaluation of an Air Sampling Protocol for Nanoscale Particles

Student Presenter: Michaela Hall
Sponsor: Tracy Zontek

History

From Coughs to Catastrophe: An Analysis of Ancient Egyptian Medical Practices

Student Presenter: Leia Hays
Sponsor: Laura Cruz

SDS: Demonstrations and Destruction

Student Presenter: Kasey Wilson
Sponsor: Alexander Macaulay

The Transmigration of Values: Generational Shifts in American Educational Focus in the Latter Half of the Twentieth Century

Student Presenter: Shawn Rhodes
Sponsor: Laura Cruz

We Should All Gray: A Biased Society's Portrayal of Genocide

Student Presenter: Byron Burnette
Sponsor: Scott Philyaw

William Holland Thomas: Protector of the North Carolina Cherokee

Student Presenter: Chad Simons
Sponsor: Laura Cruz

International Business

The Impact of International Law on the Global Marketplace

Student Presenters: ... John Barbacci
Sponsor: Lorrie Willey

Business Law, Hospitality and Tourism Management, and Sport Management

*Investigating the Impacts of Global Warming in the
Hospitality and Tourism Industry*
Student Presenters: ... Rebecca B. Weddle and
Virginia S. Haas
Sponsor: Kyuho Lee

Music

*"Give the Devil His Due:" Portrayals of the Demonic
in Music*
Student Presenter: Rebecca Frank
Sponsor: Michael Lanford

Philosophy and Religion

*Consciousness Shall Start the Revolution: The Role
of Language and Consciousness within the German
Ideology*
Student Presenters: ... Matt Kirby
Sponsor: John Whitmire

*De-gendering God: The Relationship Between
Culture and the Gender of Deity*
Student Presenter: Kate N. Rath
Sponsor: Beth Walden

*Do Infants Think?: Wittgenstein and the Problem
of Other Minds*
Student Presenter: Aaron Morgan
Sponsor: Christopher Hoyt

Environmental Protection as a Moral Obligation
Student Presenter: James Beaver
Sponsor: John Whitmire

*Exploration of College Athletes: Through the
Breaking of a Promise*
Student Presenter: Andy Horn
Sponsor: John Whitmire

*Extraordinary Pursuits of Simple Psyches:
An Integration Of Psychoanalysis and Buddhism*
Student Presenter: Jared Utecht
Sponsor: John Whitmire

*Human Embryonic Stem Cell Research: Its Promise
for Future Regenerative Medicine*
Student Presenter: Laura Holler
Sponsor: John Whitmire

*Private Impartiality, Public Neutrality: A Look at the
Idea of the Separation of Church and State*
Student Presenter: Judy L. Gregory
Sponsor: Daryl Hale

Satan From Jewish Antiquity to Early Christianity
Student Presenter: Carrie Eidson
Sponsor: John Whitmire

The Axiology of Jean-Paul Sartre
Student Presenter: Jonathan Bell
Sponsors: James Mclachlan / Laura
Cruz

*The Origin of Our Species: Why Humans are Not
Analogous to Animals*
Student Presenter: Michael G. O'shea
Sponsor: Christopher Hoyt

*The Process Of Philosophy: How Wittgenstein Turns us
Into Humans*
Student Presenter: Maleah Pusz
Sponsor: John Whitmire

*Torture: An Unthinkable Crime or A Necessary
Survival Tactic?*
Student Presenter: Parker Cox
Sponsor: Christopher Hoyt

Political Science

*Politics and Higher Education: Partisan Diversity
Among Political Science Professors in the University
of North Carolina System*

Student Presenter: Katheryn D. Ballard

Sponsor: Gibbs Knotts

*Religious Affiliation and Congressional Voting on
Stem Cell Research*

Student Presenter: Courtney Swartwout

Sponsor: Christopher Cooper

Stage and Screen

*Constructional Methods for the Musical Instruments
of the Appalachian South*

Student Presenter: William E. Ritter

Sponsor: Luther Jones

*Encouraging Globalization Through the Exploration
and Application of Japanese Theatrical Traditions*

Student Presenter:Cara Ward

Sponsor: Susan Brown-Strauss

Undergraduate Expo 2008

Presentations will be held at Western Carolina University, March 24-27, according to college and department. Below are the project titles, presenters, sponsors, time, and place of presentation.

* ~ denotes a presentation also selected for NCUR22

Poster Sessions

Monday March 24

5:00 - 6:30 PM ~ University Center Grand Room & Lobby

This evening's accompaniment will be provided by pianist Patrick Thomas, who will be graduating from The Honors College this May with a Bachelor's in Music Performance. His repertoire will include original compositions, arrangements, and selections by Chopin and Debussy.

College of Arts and Sciences

Biology

16S rDNA Sequences: Are They the Gold Standard for Bacterial Identification?

Student Presenters: Stephen Briggs, Chris Kearney, Tyler Melton, and Candice Roberts
Sponsor: Dr. Sean O'Connell

Assessment of Antioxidant Activity in Traditional Cherokee Remedies for Rheumatoid Arthritis
Student Presenter: Steven Hollenback *
Sponsor: Dr. Lori Seischab

Geosciences and Natural Resources Management

Deer Effects on Forest Regeneration in Western North Carolina
Student Presenters: Weston VanDenabeele, Erin Beck, and Christopher Brad Elliot
Sponsor: Dr. Peter Bates

Evaluating Crop Tree Release Treatments in Southern Appalachian Coppice Stands
Student Presenters: Jennifer Mozeley and Kevin Griffin
Sponsor: Dr. Peter Bates

Mathematics and Computer Science

The History and Definition of Julia and Fatou Sets
Student Presenter: Katelan Price
Sponsor: Dr. Julia Barnes

19th Century Mathematics Education in the United States
Student Presenter: Megan Cavanah
Sponsor: Dr. Sloan Evans Despeaux

Blaise Pascal: Proving the Existence of God in Mathematics
Student Presenter: Laurel Cobb
Sponsor: Dr. Sloan Evans Despeaux

Ratios and Music: Pythagoras to Present
Student Presenter: Jaymi Jeffery
Sponsor: Dr. Sloan Evans Despeaux

The Aftermath of "New Math"
Student Presenter: Kerri Bernhardt
Sponsor: Dr. Sloan Evans Despeaux

Philosophy and Religion

Bridging the Gap: Masculine and Female Perceptions of Swedish Women's Experiences in Christianity

Student Presenter: Maleah Pusz

Sponsor: Ms. Beth Walden

College of Business

Accounting, Finance and Economics

A Regional Economic Impact Analysis of the Millennial Initiative

Student Presenters: Bryan Shore, Amanda Heagy, and Grant Kantsios

Sponsor: Dr. Inhyuck Steve Ha

An Economic Assessment of the Construction Project on the I-26 Connector in Asheville, North Carolina

Student Presenters: Ryan Jaskot, Alison Joseph, and Bryan Vaughn

Sponsor: Dr. Inhyuck Steve Ha

An Economic Impact Analysis of the Harrah's Cherokee Casino and Hotel in Western North Carolina

Student Presenters: Blake Rogers and Derek Keener

Sponsor: Dr. Inhyuck Steve Ha

An Economic Impact Analysis of the Tourism Industry in Jackson County, North Carolina: A Focus on Retail and Restaurants

Student Presenter: Colette Duniec

Sponsor: Dr. Inhyuck Steve Ha

To Build or Not To Build: Southern Loop

Student Presenters: Lottie Barker, Tina Hooks, and Abby Todd

Sponsor: Dr. Inhyuck Steve Ha

Business Law, Hospitality and Tourism Management, and Sport Management

Investigating the Impacts of Global Warming in the Hospitality and Tourism Industry

Student Presenters: Virginia Haas * and Rebecca Weddle *

Sponsor: Dr. Kyuho Lee

Employee Turnover: How Low Can We Go?

Student Presenters: Holly Jones and Shane Price

Sponsor: Dr. Cynthia Deale

Food Safety Knowledge Among Different Age Groups

Student Presenters: Meredith McNeill and Jessica Rogers

Sponsor: Dr. Cynthia Deale

Molecular Gastronomy in Relation to Beverage Operation

Student Presenter: Ryan Fussell

Sponsor: Dr. Cynthia Deale

NASCAR Hospitality

Student Presenter: Chris Beaver

Sponsor: Dr. Cynthia Deale

The Effects of Smoking on Food Enjoyment

Student Presenters: Rebecca Weddle, Katie Peak, and Evan Lindsey

Sponsor: Dr. Cynthia Deale

What do People Eat for Breakfast Around the World?

What are the Sanitation Codes Internationally?

Student Presenter: Brandi Gregory

Sponsor: Dr. Cynthia Deale

Wholistic Foods: Crock or Crackpot?

Student Presenters: Wesley Taylor and Kendra Johnson

Sponsor: Dr. Cynthia Deale

College of Education and Allied Professions

Health, Physical Education and Recreation

The Importance of Identification and Treatment of Benign Congenital Hypermobility

Student Presenter: Mary Bryson

Sponsor: Dr. Maridy Troy

Psychology

Sex Differences in Basic Moral Values

Student Presenters: Cory Combs, Kelly Cooke, Philip Cope, Jessica Darnell, Brandy Gribble, Regina Hathaway, Jessica Howell, Kelly Litfin, Fredrick Royal, Jordan Shuping, and Jocelyn Tipton

Sponsor: Dr. Hal Herzog

College of Fine and Performing Arts

School of Art and Design - Interior Design

Assisted Living: Main Street, U.S.A.

Student Presenter: Dawn Treneman *

Sponsor: Ms. Jane Nichols

Cube Model

Student Presenter: Linsey Wilson

Sponsor: Ms. Jane Nichols

Cube Model

Student Presenter: Nick Savell

Sponsor: Ms. Jane Nichols

Modular Building Design

Student Presenter: Natasha Cheremnykh

Sponsor: Ms. Jane Nichols

Modular Housing Design

Student Presenter: Kristen Hart

Sponsor: Ms. Jane Nichols

Modular Housing Design

Student Presenter: Kim Garren

Sponsor: Ms. Jane Nichols

Modular Housing Design

Student Presenter: Heather Krause

Sponsor: Ms. Jane Nichols

Optimal Pediatric Hospital Design

Student Presenter: Amanda Looney

Sponsor: Ms. Jane Nichols

Sullo Suites Modular Housing Design

Student Presenter: Jessica Sullo

Sponsor: Ms. Jane Nichols

Tatami Heights Housing Model

Student Presenter: Danielle Shaurette

Sponsor: Ms. Jane Nichols

Double Shotgun House

Student Presenter: Katy Garrett

Sponsor: Ms. Candace Roberts

Shotgun Home and Remodel

Student Presenter: Buffy Burge

Sponsor: Ms. Candace Roberts

Shotgun House

Student Presenter: Frederick Frey

Sponsor: Ms. Candace Roberts

Shotgun House

Student Presenter: Amber Aldridge

Sponsor: Ms. Candace Roberts

Shotgun House

Student Presenter: Andria Ford

Sponsor: Ms. Candace Roberts

Shotgun Project

Student Presenter: Jennifer Lathan

Sponsor: Ms. Candace Roberts

Shotgun Residential Project

Student Presenter: Mark Allen McConnell

Sponsor: Ms. Candace Roberts

The Carter Residence: Presentation of a Double Shotgun House

Student Presenter: Lindsey Michelle Wheeler
Sponsor: Ms. Candace Roberts

School of Music

Original Student Composition: A Grief Passage for Tuba Quartet

Student Presenter: Mike Young
Sponsor: Dr. Michael Schallock

Stage and Screen

Costume Design for Dogwood's Search
Student Presenter: Leeanne Deaver
Sponsor: Ms. Glenda Hensley

Wigs and Styling for Guys and Dolls

Student Presenters: Kelli Flynn and Ashley Savage
Sponsor: Ms. Glenda Hensley

Construction Methods of Musical Instruments in Appalachia

Student Presenter: William E. Ritter *
Sponsor: Mr. John Luther Jones

College of Health and Human Sciences

Health Sciences

Lateral Elbow Pain in a Collegiate Female Volleyball Player

Student Presenter: Megan Gibson
Sponsors: Dr. James Scifers and Jill Manners

Medial Patellar Ligament Reconstruction in a Collegiate Football Player

Student Presenter: Susan Hays
Sponsors: Dr. James Scifers and Jill Manners

Traumatic Posterior Hip Dislocation in a Collegiate Football Player

Student Presenter: Brandon Auton
Sponsors: Dr. James Scifers and Jill Manners

Unusual Presentation of Head Injury in a Collegiate Athlete

Student Presenter: Angela Arndt
Sponsors: Dr. James Scifers and Jill Manners

Determining the Impact of Oil-Based Painting Classes at FPAC

Student Presenter: Trey Schneller
Sponsors: Dr. Tracy Zontek and Dr. Burt Ogle

Evaluation of an Airsampling Protocol for Nanoscale Particles

Student Presenter: Michaela A. Hall *
Sponsors: Dr. Tracy Zontek and Dr. Burt Ogle

When Art Creates a Hazard: Evaluation of an Iron Pour on the Campus of WCU

Student Presenter: Amy F. Jackson
Sponsors: Dr. Tracy Zontek and Dr. Burt Ogle

Nursing

Organ Donation: The Gift of Life
Student Presenter: Zoe Q. Cline
Sponsor: Mr. Steve Forst

Child Soldiers: A Global Health Concern

Student Presenters: Nicholette Heim, Rebecca Miller, Jamie Anderson, Jillian Sapp-Moody, Lauren Gillespie, Christy Erwin, Kayla Painter, and Sefani Lahaie
Sponsor: Ms. Bonnie Garner

Delivering the Message of Pediatric Mental Health Advocacy: Sealed with a KySS

Student Presenter: Brittany L. Underwood
Sponsor: Ms. Bonnie Garner

Nutrition and Dietetics

Comparison of Weight Status Between Childhood and Young Adult College Students

Student Presenter: Jill Lowe

Sponsor: Dr. Wayne Billon

Females' Perceived Body Image in Relation to Fitness and BMI

Student Presenter: Melia Jade Pinnix

Sponsor: Dr. Wayne Billon

Healthy Snack Intake of College Students Compared to Healthy Snack Consumption as a Child

Student Presenter: Lindsey Brock

Sponsor: Dr. Wayne Billon

Media Influences on the Eating Habits of College Students

Student Presenter: Ruhamah Nuccio

Sponsor: Dr. Wayne Billon

The Effect Previous Sports Participation has on College Students' Activity Level

Student Presenters: Jamie Cline and Elizabeth Lippard

Sponsor: Dr. Wayne Billon

The Effect Urban and Rural Environments Have on the Diet of Adolescents and Young Adults

Student Presenters: Gigeey Cheek and Betty Holtsclaw

Sponsor: Dr. Wayne Billon

To Determine if Parents had Influence on their Child's Eating Habits

Student Presenter: Kimberly Welch

Sponsor: Dr. Wayne Billon

Extent of Media Influence on College Students' Self-image

Student Presenter: Cara Perdue

Sponsors: Dr. Wayne Billon and Dr. Marianne Hollis

Kimmel School of Construction Management, Engineering and Technology

Engineering Technology

Wheelchair Disc Brake System

Student Presenters: Nathanael Moore, John Redmon, Ryan Cook, and Robert Gammons

Sponsor: Mr. Chip W. Ferguson

Wheelchair Foot Pedal Loss Prevention System

Student Presenters: David Griffith, Tyler Bennett, and Steve Matichak

Sponsor: Mr. Chip W. Ferguson

Seating Assist Device

Student Presenters: Stefan Gruber, Jarrod Sams, and Justin Ramseur

Sponsor: Dr. Phillip Sanger

Wheelchair IV Attachment Kit

Student Presenters: Matt Holling, Natalie Cantler, and Mickey Maxwell

Sponsor: Dr. Phillip Sanger

Ankle Rehabilitation Device

Student Presenters: Justin Spormann, Michael Riddle, and Colin Lewis

Sponsor: Dr. Wesley Stone

Leg Rehabilitation Device

Student Presenter: Justin Johnson, Michael Turner, and Andrew Hess

Sponsor: Dr. Wesley Stone

I.V. Stand Holder

Student Presenters: Josh Gasaway, Clay Hefner, and Jeremy Burress

Sponsor: Dr. Wesley Stone

Monday, March 24, 2008

College of Arts and Sciences

Anthropology and Sociology

Time: 12:15-1:15 PM Place: McKee 103
Ethnographic Examination of WCU Wellness
Topics
Student Presenters: Richard J. Ray and Paul
Denkenberger
Sponsor:s Dr. Philip E. Coyle and Karrie Joseph

Chemistry and Physics

Time: 11:15 AM Place: Natural Science 308
The Physics behind NMR and MRI Spectroscopy
Student Presenter: Emily Nantz
Sponsor: Dr. Mesfin Woldeyohannes

English

Time: 10:00 AM Place: Coulter 102
Hope on The Road
Student Presenter: Chele Whalen *
Sponsor: Dr. Bill Spencer

Time: 10:10 AM Place: Coulter 102
Anthropomorphism in Children's Literature
Student Presenter: Brittany L. Keating
Sponsor: Ms. Deidre Elliott

Time: 10:10 AM Place: Coulter 102
My Mother is a Fat Woman, Too
Student Presenter: Sara Champion
Sponsor: Ms. Deidre Elliott

Time: 10:10 AM Place: Coulter 303
Declining Mortality Among Athletes
Student Presenter: Alan Goggins
Sponsor: Ms. Katherine Cipriano

Time: 4:45 & 5:15 PM Place: University Center
Multicultural Center
Global Green Solutions
Student Presenter: Michael Stratton
Sponsor: Mr. Eric R. Hendrix

Time: 4:45 & 5:15 PM Place: University Center
Multicultural Center
Muslims and the Media
Student Presenter: Colinda Petrus
Sponsor: Mr. Eric R. Hendrix

History

Time: 2:30 PM Place: McKee 210
*Britain on the High Seas: A History of Naval Warfare,
1805-1914*
Student Presenter: Michael Frixen
Sponsor: Dr. David Dorondo

Time: 2:30 PM Place: McKee 209
*From Coughs to Catastrophe: An Analysis of Ancient
Egyptian Medical Practices*
Student Presenter: Leia Hays *
Sponsor: Dr. Laura Cruz

Time: 2:30 PM Place: McKee 209
*Haunted Places: North Carolina and the Social Meaning
of Death*
Student Presenter: Lindsay Johnston
Sponsor: Dr. Laura Cruz

Time: 2:30 PM Place: McKee 209
The United Provinces 1581-1795: A Republic or Not?
Student Presenter: John Scott
Sponsor: Dr. Laura Cruz

Time: 2:30 PM Place: McKee 210
William Holland Thomas: Protector of the NC Cherokee
Student Presenter: Chad Simons *
Sponsor: Dr. Laura Cruz

Time: 3:30 PM Place: McKee 210
*Ars Monindi: Teaching Death to Elementary Age
Students*
Student Presenter: Stephanie Jamison *
Sponsor: Dr. Laura Cruz

Time: 3:30 PM Place: McKee 209
*Myth of the TVA: The Tennessee Valley Authority and
the Transformation of Mountianeer Culture 1933-1960*
Student Presenter: Benjamin Sheehan
Sponsor: Dr. H. Tyler Blethen

History (continued)

Time: 3:30 PM Place: McKee 209
Occult Symbols and Government Conspiracy Theories
Student Presenter: Matt Kirby *
Sponsor: Dr. Laura Cruz

Time: 3:30 PM Place: McKee 210
SDS: Demonstrations and Destruction
Student Presenter: Kasey Wilson *
Sponsor: Dr. Alex Macaulay

Time: 3:30 PM Place: McKee 209
Zombies: Historical Perspectives on Mchu Sanety
Student Presenter: John Bartlett
Sponsor: Dr. Laura Cruz

Philosophy and Religion

Time: 1:00 - 5:00 PM Place: Stillwell 225
Descartes and His Meditating
Student Presenter: Kessha Scianti
Sponsor: Dr. Daryl L. Hale

Time: 1:00 - 5:00 PM Place: Stillwell 225
Descartes' Innate Idea of God
Student Presenter: Andy Horn *
Sponsor: Dr. Daryl L. Hale

Time: 1:00 - 5:00 PM Place: Stillwell 225
Sophism, Education, and the Platonic Response
Student Presenter: Jonathan Bell
Sponsor: Dr. Daryl L. Hale

Philosophy and Religion (continued)

Time: 1:00 - 5:00 PM Place: Stillwell 226
The Ruse of Natural Selection
Student Presenter: Michael Frixen
Sponsor: Dr. Daryl L. Hale

Time: 1:00 - 5:00 PM Place: Stillwell 225
Consciousness Shall Start the Revolution: The Role of Language and Consciousness within the German Ideology
Student Presenter: Matt Kirby
Sponsor: Dr. John Whitmire

Political Science and Public Affairs

Time: 2:30 PM Place: Stillwell 424
Just How Accurate are Polls, Anyway?
Student Presenter: Matthew Neely
Sponsor: Dr. H. Gibbs Knotts

Time: 2:30 PM Place: Stillwell
Resolving Reality: The War in Iraq from the British Perspective
Student Presenter: Diandra Frommer
Sponsor: Dr. C. Don Livingston

College of Fine and Performing Arts

School of Art and Design - Interior Design

Time: 12:30 PM Place: Belk 308
Amenities in Airport Facilities
Student Presenter: Frederick Frey
Sponsor: Ms. Jane Nichols

Time: 12:30 PM Place: Belk 308
Designing for Assisted Living Residents' Needs
Student Presenter: Buffy Burge
Sponsor: Ms. Jane Nichols

Stage and Screen

Time: 10:10 AM Place: Stillwell 259
Encouraging Globalization Through the Exploration and Application of Japanese Theatrical Traditions
Student Presenter: Cara Ward *
Sponsor: Ms. Susan Brown-Strauss

Tuesday, March 25, 2008

College of Business

Accounting, Finance and Economics

Time: 6:00 - 8:30 PM Place: Belk 407

10,000 TEU Ship Fuel Consumption

Student Presenter: Doug Mills

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Containership Fuel Consumption at 12,000 TEUs

Student Presenter: Vanessa K. Moore

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Fuel Efficiency of a Hypothetical 14,000 TEU Ship

Student Presenter: Diamond A. Rice

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Impacts of 19,540 Deadweight Tonnage Ship

Student Presenter: Erin Beck

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Ship Fuel Economy Estimate for a 9,000 TEU Ship

Student Presenter: Tina Hooks

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Estimate of Ship Fuel Consumption for a Fully Loaded Cargo Ship

Student Presenter: Weston VanDenabeele

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Fuel Consumption of Very Large Container Vessels

Student Presenter: John Sanders

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Fuel Efficiency in Large Scale Shipping

Student Presenter: J.R. Moody

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Ship Fuel Economy Estimate

Student Presenter: Colette Duniec

Sponsor: Dr. Robert F. Mulligan

Accounting, Finance and Economics (continued)

Time: 6:00 - 8:30 PM Place: Belk 407

Ship Fuel Economy Estimate

Student Presenter: Christopher Brad Elliot

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Ship Fuel Economy Estimate

Student Presenter: Daniel Ferguson

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Ship Fuel Economy Estimate

Student Presenter: Tyson Halford

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Ship Fuel Economy Estimates and Environmental Impacts

Student Presenter: Jenny Mozeley

Sponsor: Dr. Robert F. Mulligan

Time: 6:00 - 8:30 PM Place: Belk 407

Shipping and Fuel Consumption

Student Presenter: Chris Hastings

Sponsor: Dr. Robert F. Mulligan

Business Law, Hospitality and Tourism Management and Sport Management

Time: 9:30 AM Place: Belk 323

Campus R/T Broadcasting: Legal Considerations

Student Presenter: Joe Mullins

Sponsor: Dr. Debra Burke

Time: 9:30 AM Place: Belk 323

The Changing Nature of Supervision and Its Implications for Labor/Management Relations in the 21st Century

Student Presenter: John Hensley

Sponsor: Dr. Debra Burke

College of Arts and Sciences

Anthropology and Sociology

Time: 2:05 - 3:20 PM Place: McKee 103
A Premier University? Problems Facing the Ghanaian Education System
Student Presenter: JennieV. Dowlle
Sponsor: Dr. Nyaga Mwaniki

English

Time: 2:05 PM Place: Coulter 102
Dare I Eat a Peach
Student Presenter: Catherine Connor *
Sponsor: Dr. Brent Kinser

Time: 2:05 PM Place: Coulter 102
Lonely Monsters: Power & Isolation in "Caliban upon Setebos"
Student Presenter: Tim McNeely *
Sponsor: Dr. Brent Kinser

Time: 2:05 PM Place: Coulter 102
'she was shy and simple and young': Our Lady of Trilogy
Student Presenter: Maleah Pusz *
Sponsor: Dr. Annette Debo

Mathematics and Computer Science

Time: 1:30 PM Place: Stillwell 424
Topology and Prime Numbers
Student Presenter: Andrew Penland
Sponsor: Dr. Risto Atanasov

Philosophy and Religion

Time: 3:35 PM Place: McKee 223
Process Philosophy: The Business of Becoming
Student Presenter: Maleah Pusz *
Sponsor: Dr. Christopher Hoyt

Division of Student Affairs

Counseling and Psychological Services/Health Services: Campus Leaders Advocating Wellness

Time: 12:45 PM Place: University Center Multipurpose Room
HPV (Human Papilloma Virus): Causes, Symptoms, Diagnosis, and Prevention
Student Presenter: Shaadia Moore
Sponsors: Ms. Karrie Joseph and Arika Shafer

Wednesday, March 26, 2008

College of Business

Accounting, Finance and Economics

Time: 9:05 AM Place: Killian 111
Comparative Financial Analysis - Citi Corp
Student Presenter: Susanna Sjokvist
Sponsor: Dr. J. Michael Arnott

Time: 9:05 AM Place: Killian 111
Comparative Financial Analysis - Jackson Savings Bank
Student Presenter: Bryan Shore
Sponsor: Dr. J. Michael Arnott

Accounting, Finance and Economics
(continued)

Time: 9:05 AM Place: Killian 111
*Comparative Financial Analysis - USAA Federal
Savings Bank*
Student Presenter: Brandon Wiegand
Sponsor: Dr. J. Michael Arnott

College of Education and Allied Professions

Health, Physical Education and
Recreation

Time: 10:00 AM - noon Place: Reid 122H
Active Aging through Functional Fitness
Student Presenters: Leah Daino, Nicole Bost,
Elliott Bridges, and Billy Tessenair
Sponsor: Ms. Debby Singleton

Time: 10:00 AM - noon Place: Reid 122H
Climbing Spire Heart Rate
Student Presenters: Carrie Worley, Tameka
Buchanan, and Zack Stephenson
Sponsor: Dr. Ben Tholkes

Time: 10:00 AM - noon Place: Reid 122H
Fighting Obesity through Adventure Education in Ireland
Student Presenters: Alison Hughes and Alan
Dowling
Sponsor: Ms. Debby Singleton

Time: 10:00 AM - noon Place: Reid 122H
Rafting and Decision-Making
Student Presenters: Greg Demonet and Matt
Bishop
Sponsor: Dr. Maurice Phipps

Health, Physical Education and
Recreation (continued)

Time: 10:00 AM - noon Place: Reid 122H
Walking in Jackson County
Student Presenters: Jessica Hobart and Stephen
Page
Sponsor: Dr. Ben Tholkes

Time: 10:00 AM - noon Place: Reid 122H
Mount Mitchell State Park
Student Presenters: Robbie McGraw and Chris
Herndon
Sponsor: Dr. Maurice Phipps

Time: 10:00 AM - noon Place: Reid 122H
South Mountain State Park
Student Presenters: Chris Osterhoudt and Joshua
Purdy
Sponsor: Dr. Ben Tholkes

Time: 10:10 - 11:00 AM Place: Reid 122H
Using PROCESS for Problem Solving
Student Presenters: Rob Stewart, Kurt Bivens, and
Evan Agee
Sponsor: Dr. Maurice Phipps

Psychology

Time: 11:15 AM Place: University Center Grand Room

Using Podcasting in Teaching Psychology

Student Presenters: Ashan Davis and Wes Cone

Sponsor: Dr. Robert Crow

Division of Student Affairs

Student Media

Time: 4:00 PM Place: Old Student Union Student Media Center Conference Room

Conundrums of Cooking: Part II, Making a TV Station

Student Presenter: Joseph Mullins

Sponsor: Ms. Katherine Duff Smith

Thursday, March 27, 2008

College of Health and Human Sciences

Applied Criminology

Time: 3:00 - 5:00 PM Place: Belk 412
The Purpose of Hazard Identification: Why and When Should it be Done?
Student Presenter: Christopher J. Love
Sponsor: Dr. Robert T. Berry

Time: 3:00 - 5:00 PM Place: Belk 412
To Evacuate or Not to Evacuate: Influences as to How to Decide
Student Presenter: Bryan K. Devinney
Sponsor: Dr. Robert T. Berry

Social Work

Time: 11:00 AM Place: McKee G13
Mental Illness: Everyone Needs to Know
Student Presenter: Nancy Madenyika
Sponsor: Ms. Dottie Greene

Social Work (continued)

Time: 11:00 AM Place: McKee G13
Mental Illness: Everyone Needs to Know - Bipolar Disorder
Student Presenter: Lisa Weeks
Sponsor: Ms. Dottie Greene

Time: 11:00 AM Place: McKee G13
Mental Illness: Everyone Needs to Know - Obsessive Compulsive Disorder
Student Presenter: Brenda Pace Jones
Sponsor: Ms. Dottie Greene

Time: 11:00 AM Place: McKee G13
Mental Illness: Everyone Needs to Know - Schizophrenia
Student Presenter: Turkessa Baten
Sponsor: Ms. Dottie Greene

College of Education and Allied Professions

Elementary and Middle Grades Education

Time: 6:00 PM Place: Killian 265
ABC's or Back to the Basics
Student Presenter: Emily Collman *
Sponsor: Ms. Pam Buskey

College of Arts and Sciences

English

Time: 12:35 PM Place: Coulter 103
Political and Religious Influences on Medieval Fashion
Student Presenter: Sophi Cox
Sponsor: Dr. Gayle Miller

College of Business

Accounting, Finance and Economics

Time: 8:00 AM Place: Coulter 302
Companies & Stocks Going Green
Student Presenter: Nichole Wildman
Sponsor: Dr. Grace Allen

Time: 8:00 AM Place: Coulter 302
Comparing and Contrasting Mutual Funds and ETFs
Student Presenter: Paterne Forkam Teda
Sponsor: Dr. Grace Allen

Kimmel School of Construction Management, Engineering and Technology

Construction Management

Time: 4:00 PM Place: Belk 104
Berkshire Park: Phase One Windemere, Florida
Student Presenters: Kate Vafai, Michele Bretz, John Foti, Blaze Porter, Berl Childers, and Wil Owens
Sponsor: Mr. Gary Burke

Undergraduate Research Grants

Awarded 2007-2008

Initiated by Chancellor John Bardo in 1996, the Undergraduate Academic Projects Grant Program funds a variety of student projects.

Members of the UAPGP Committee are

Debra Burke (Business)
Hal Herzog (Education and Allied Professions)
Kathy Matthews (Arts and Sciences)
Brian Railsback (Honors)
Ron Rash (Arts and Sciences)
Marya Roland (Fine and Performing Arts)
John Schweikart (International Programs)
Tracy Zontek (Health and Human Sciences)

The committee awarded over \$15,000, and therefore 2007-08 was a record year.

Art & Design

Extinguish: Anything But(t) Litter

Student Recipient: Tara Jones

Faculty Sponsor: Marya Roland

Geosciences and Natural Resources Management

An Examination of Oak Advanced Regeneration One Growing Season After a Prescribed Understory Burn

Student Recipient: Mark Roloff

Faculty Sponsor: Peter Bates

Changes in Woody Debris Following Harvesting in Southern Appalachian Headwater Catchments

Student Recipient: Christopher Miller

Faculty Sponsor: Peter Bates

Deer Effects on Forest Regeneration in Western North Carolina

Student Recipient: Weston VanDenabeele, Erin Beck, and Brad Elliott

Faculty Sponsor: Peter Bates

Geosciences and Natural Resources Management (continued)

Evaluating Crop Tree Release Treatments in Southern Appalachian Coppice Stands

Student Recipients: Jennifer Mozeley, Kevin Griffin, Mason Phillippi, and John Austin

Faculty Sponsor: Peter Bates

Mapping Existing River Cane Sites within Jackson County, North Carolina using Visible Aerial Photography

Student Recipient: Carey Burda

Faculty Sponsor: Joni Bugden-Storie

Health Sciences

Chronic Buttock and Spine Pain in a Female Collegiate Soccer Player

Student Recipient: Tammy Jones

Faculty Sponsor: Jill Manners

College Female's Perceived Body Image in Relation to Fitness and BMI

Student Recipient: Melia Pinnix

Faculty Sponsor: Wayne Billon

Comparison of Weight Status Between Childhood and Young Adult Students

Student Recipient: Jill Lowe

Faculty Sponsor: Wayne Billon

Health Sciences (continued)

Evaluation of an Air Sampling Protocol for Nanoscale Particles

Student Recipient: Michaela Hall

Faculty Sponsor: Tracy Zontek

Extent of Media Influence on College Student's Self-Image

Student Recipient: Cara Perdue

Faculty Sponsor: Wayne Billon

Food Insecurity Awareness Project

Student Recipients: Personal Nutrition Seminar
ND 190.03 & 190.05

Faculty Sponsor: April Tallant

Healthy Snack Intake of College Students Compared to Healthy Snack Consumption as a Child

Student Recipient: Lindsey Brock

Faculty Sponsor: Wayne Billon

Lateral Elbow Pain in a Collegiate Female Volleyball Player

Student Recipient: Megan Gibson

Faculty Sponsor: Jill Manners

Lower Right Quadrant Pain in a College Female

Student Recipient: Katlyn Joyner

Faculty Sponsor: Jill Manners

Media Influences on the Eating Habits of College Students

Student Recipient: Ruhamah Nuccio

Faculty Sponsor: Wayne Billon

Medial Patellar Ligament Reconstruction in a Collegiate Football Player

Student Recipient: Susan Hays

Faculty Sponsor: Jill Manners

Parents Influence on Nutrition Knowledge and Dietary Practices of College Students

Student Recipient: Kimberly Welch

Faculty Sponsor: Wayne Billon

Proximal Avulsion of Hamstring Tendons in a Recreational Bowler

Student Recipient: Stephanie Stark

Faculty Sponsor: Jill Manners

Health Sciences (continued)

Sacroiliac Joint Dysfunction in a College Female

Student Recipient: Katlyn Joyner

Faculty Sponsor: Jill Manners

The Effect Previous Sports Participation has on College Students Activity Levels

Student Recipients: Jamie Michelle Cline and Elizabeth Lippard

Faculty Sponsor: Wayne Billon

The Effect Urban and Rural Environments have on the Diet of Adolescents and Young Adults

Student Recipient: Gigeey Cheek

Faculty Sponsor: Wayne Billon

Traumatic Posterior Hip Dislocation in a Collegiate Football Player

Student Recipient: Brandon Auton

Faculty Sponsor: Jill Manners

Traumatic Upper Arm Injury in a Male College Student

Student Recipient: Adam Graham

Faculty Sponsor: Jill Manners

Unusual Traumatic Brain Injury in a Female College Athlete

Student Recipient: Angela Arndt

Faculty Sponsor: Jill Manners

Mathematics and Computer Science

A Glimpse at Monte Carlo

Student Recipient: Truly Lucman

Faculty Sponsor: Erin McNelis

Smoky Mountain Undergraduate Research Conference on the History of Mathematics

Student Recipients: Laci Bogan and Jaymi Jeffery

Faculty Sponsor: Sloan Despeaux

The Aftermath of "New Math"

Student Recipient: Kerri Bernhardt

Faculty Sponsor: Sloan Despeaux

Music

Horn

Student Recipients: Sarah Gregory, Amber Mattatall, Brandon Meeks, Ryan Reed, Mitchell Boughman, Tommy Chekelelee, Elizabeth Morantz, Justin Carter, Justin Rose, Ashleigh Cook, Kelisa Underwood, Cameron Murray
Faculty Sponsor: Travis Bennett

Performance at the U.S. Navy Band Saxophone Symposium

Student Recipients: Sheldon Frazier, Joseph Basile, Ryan Cameron, and Rachel Drew
Faculty Sponsor: Ian Jeffress

Nursing

Delivering the Message of Health Advocacy: Sealed with a KySS

Student Recipient: Brittany Underwood
Faculty Sponsor: Bonnie Garner

Psychology

Should Professors Utilize Social Networking Websites? and Student's Views Concerning Appropriateness of Professors Using Social Networking Websites

Student Recipients: Heather Hines and Mallory McDaniel
Faculty Sponsor: Alvin Malesky

The Effects of Race and Sex on Job Applicant Ratings

Student Recipients: Ruby Burns and Stacey McClellan
Faculty Sponsor: Millicent Abel

Stage and Screen

Costume Design: Dogwood's Search - A Journey from Research to Presentation

Student Recipient: Leanne Deaver
Faculty Sponsor: Glenda Hensley