

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,

National Conference on Undergraduate Research 2008

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

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 *

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

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

College of Health and Human Sciences

Health Sciences

Lateral Elbow Pain in a Collegiate Female Volleyball Player

Student Presenter: Megan Gibson

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

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. R.t.F. Time: 6:00 - 8:30 PM Place: Belk 407

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

Student Presenter: DTna UHook

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Sponsor: Dr. R.t.F. Time: 6:00 - 8:30 PM Place: Belk 407

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

Psychology

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

Using Podcasting in Teaching Psychology

Student Presenters: Ashan Davis and Wes Cone

Division of Student Affairs

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

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

Health Sciences

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

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