CELEBRATE!
2011 GUIDE
Student Achievements in Academics and the Arts

EVENTS SCHEDULE
Tuesday, April 26 ........................................ 2
Wednesday, April 27 .............................. 3-24
(SURF Day)
Thursday, April 28 ............................... 25-28
Friday, April 29 .................................... 29-30
Saturday, April 30 ............................... 30
Sunday, May 1 .......................................... 31
Monday, May 2 ......................................... 32
TUESDAY, APRIL 26

All day

‘Mixed Media’ Student Art Exhibit
Enjoy an eclectic selection of student art in multiple formats.
Oak Grove Lounge, First Floor Belk Library

1 PM-2:30 PM

Dance Concert on the Patio
An entertaining hour of witty, beautiful, and whimsical dances ranging from solo to group performances by Jane Wellford’s improvisation classes.
Pardue Court, Center for the Arts
(Rain Location: Center for the Arts, Dance Studio C, Room 111)

2:30 PM-4 PM

Professional Writing and Rhetoric Showcase
PWR students display their work, demonstrating connections between the liberal arts and the post-graduate world. The presentations are diverse, ranging from fundraising materials for a local non-profit to a grant writing guide to an examination of the impact of word count limits on students’ writing processes.
www.elon.edu/pwr
Erin Blackwell, Henry Clougherty, Thomas Duncan, Marie Jarvis, Jenny Schnaak, and Sarah Talbott.
Alamance 318
4:10 PM - 5:10 PM

Experiential Excellence in Environmental Studies

The Environmental Studies Department will gather to recognize and celebrate those students majoring in Environmental Studies and Environmental and Ecological Science who have participated in professional internships, undergraduate research, Elon College Fellows research, Honors research, and international environmental study experiences. Refreshments will be provided.

Powell House Backyard
(Rain Location: Powell House First Floor)

6:00 PM

Selections from Spoon River Anthology by Edwin Lee Masters

Acting majors will portray various characters from the play Spoon River Anthology. They will display the techniques of character acting that are used to minimize trickery (vocalization, makeup) and maximize the cathartic effects of point-of-view usage and the speaking of elevated text with justification.

104 S. Williamson Ave. (the downtown Acting Studio, next to All That J.A.S.)

7:30 PM - 8:30 PM

Katherine Bates, Senior Voice Recital

Voice Performance major Katherine Bates will sing works by Haydn, Massenet, Bellini, Mozart, and Bernstein, accompanied by Dr. Billy Summers.

Holt Chapel

WEDNESDAY, APRIL 27

All day

‘Mixed Media’ Student Art Exhibit

Enjoy an eclectic selection of student art in multiple formats.

Oak Grove Lounge, First Floor Belk Library
CELEBRATION OF FACULTY SCHOLARSHIP

All faculty poster presentations: 9 AM-10 AM, McKinnon Hall

Dr. David Neville
3D Digital Game-Based Learning for Second Language Acquisition

Dr. Meredith Allison
Alibi Evidence: When Do Mock Jurors Find Alibis Hard to Believe? (with Dr. Sandy Jung and Dr. Linzy Bohn)

Dr. Rissa Trachman
Articulating Ancient Maya Social Organization: Multiscale Archaeological Investigations at the Site of Dos Hombres, Belize

Dr. Jessie Moore, Dr. Kim Pyne, and Prof. Paula Patch
Assessing Student Learning in a Modified Summer Section of ENG 110 for Elon Academy Students

Dr. Naeemah Clark
Change: Young Voters Speak during the 2008 Presidential Election Season

Dr. Michael Terribilini
Computational Biology and Bioinformatics

Dr. Victoria Moore
Dissecting the Molecular Pathways of Apoptosis in Disease Models

Dr. Chad Awtrey
Irreducible Quintic Polynomials and Their Solvability by Radicals

Dr. Honglin Xiao
Land Use Land Cover Change under a Market Economy – A Case Study from Guizhou Province, China from 1988 to 2008 Using Satellite Images

Dr. Antonio Izzo
Molecular Microbial Ecology

Dr. Derek Lackaff
New Opportunities in Personal Network Data Collection

Dr. Kevin Otos
Dr. Wally Bixby  
The Impact of Acute Exercise on Affect and Cognition

Dr. Yoram Lubling  
The Person Vanishes: John Dewey’s Philosophy of Experience and the Self (2011, Peter Lang Publishing)

Michelle L. Kusel and Dawn Simounet  
Transgender College Students: An Exploratory Study of Perceptions, Experiences, and Outcomes (with Dr. John Dugan)

Dr. Cindy Fair, Dr. Kristen Sullivan, and Avra Stackpole  
Transition Expectations of Adolescents Living with HIV and Their Guardians (with Rachel Dizney)

Dr. Alan Scott  
Walking between the Lines: Nonvisual Cues for Establishing and Maintaining Heading during Street Crossings (with Dr. David Guth, Dr. Richard Long, Billie Louise Bentzen, Janet Barlow, and Christopher Cunningham)

STUDENT UNDERGRADUATE RESEARCH FORUM (SURF)

9 AM-11 AM  Student Poster Session I  
Authors present from 9:30 AM-11 AM.  
McKinnon Hall  

Mary Bedard  
Binding Analysis Study of Estrogenic Compounds and Humic Substances Using NMR Spectra  
Faculty Mentors: Dr. Lisa Ponton and Dr. Karl Sienerth
Amanda L. Clark
Understanding the Role of the Body’s Immune System in Atherosclerosis through Analysis of TLR4 and Fibrinogen Interactions
Faculty Mentor: Dr. Kathy Matera

Anthony Pratt
The Effect of Amyloid-Beta on Acetylcholinesterase
Faculty Mentor: Dr. Kathy Matera

Julie Corbett Ronecker
Temperature-Dependent Release of a Model Drug from Ferroelastomeric Microspheres for the Purpose of Targeted Drug Delivery
Faculty Mentor: Dr. Benjamin Evans

Molly S. Strayer
Characterizing Residues Causing Misfolding and Aggregation Properties of SUP35 Yeast Prion Protein
Faculty Mentor: Dr. Kathy Matera

Meghan R. Clark
Fungal Population Response to Increased Temperatures in Soil
Faculty Mentor: Dr. Antonio Izzo

Brittany Diana Corbin
Titanium Dioxide Nanoparticle Toxicity in Neuronal Cells
Faculty Mentor: Dr. Tonya Train

Alyssa Drosdak
The Effect of Titanium Dioxide Nanoparticles on T-Cell Survival and Signaling
Faculty Mentor: Dr. Tonya Train

John Furniss
Atmospheric Pollution and Tree Core Chemistry in High Elevation Forests of Great Smoky Mountains National Park
Faculty Mentor: Dr. David Vandermast

Katherine C. Jones
The Origin and Classification of the Spinal Accessory Nerve
Faculty Mentor: Dr. Matthew Clark

Jon J. Mirabito
An Examination of Bacterial Associations with Ectomycorrhizae of the Elon Forest
Faculty Mentor: Dr. Antonio Izzo

Alexandra Pedicone
Effects of Gasoline on Soil Fungi Diversity and Composition
Faculty Mentor: Dr. Antonio Izzo
Kara E. Salpeter
Evidence for Biotic Resistance to Invasion across Spatial Scales in Riparian Forest Vegetation
Faculty Mentor: Dr. David Vandermast

Victoria Van Vliet and Geoffrey F. Hall
Project-Based Laboratory Development
Faculty Mentor: Dr. Dan Wright

David Muñoz
The Impact of Human Scent on Efficiencies of Camera Traps in Wildlife Studies
Faculty Mentor: Dr. Joshua Kapfer

Julia M. Crowley
Water Quality and Availability Differences in Rural and Urban Sri Lanka
Faculty Mentor: Dr. Crista Arangala

9:30 AM - 10:30 AM
College Coffee
Moseley Center

12 PM - 2 PM
Student Poster Session II
Authors present from 12:30 PM-2 PM.
McKinnon Hall

Stuart H. Batten and George Wentz
The Impact of Varying Carbohydrate-Electrolyte Solutions on Exercise Performance in the Heat
Faculty Mentors: Dr. Paul C. Miller and Dr. Stephen P. Bailey

Courtney Graham, Rachel M. Perron, Jamie R. Feldman, and Rebecca A. Moffett
Do Exergames Allow Children to Achieve Physical Activity Intensity Commensurate with National Guidelines?
Faculty Mentor: Dr. Eric Hall
Jordan T. Lee
The Effects of an Acute Overspeed Warm-Up on Sprint Performance in Collegiate Athletes
Faculty Mentor: Dr. Wally Bixby

Krysten W. Malcolm
Kinetics and Kinematics of Passé Relevé Balance in Dancers
Faculty Mentor: Dr. Caroline Ketcham

Rachel M. Perron and Courtney A. Graham
Exergaming in Adults: Can Appropriate Intensity Levels be Achieved for Health Benefits?
Faculty Mentor: Dr. Eric Hall

Meredith L. Ramsey
The Relationship between Personality, Motivation to Exercise, and Physical Activity Habits
Faculty Mentor: Dr. Eric Hall

Julianne A. Taylor
Kinematics of Aiming Movements in 2 – 5-Year-Old Children
Faculty Mentor: Dr. Caroline Ketcham

Lindsey B. Wolson and Bridget Cashen
Fine and Gross Motor Skill Development in Pre-School Aged Children
Faculty Mentor: Dr. Caroline Ketcham

Bridget Kelly
The Kinematic Differences between Novice and Advanced Dancers when Performing Tendus, Dégagés, and Battements
Faculty Mentor: Dr. Caroline Ketcham

Sarah A. Baker and Katelyn M. Barbiasz
Impact of a Multi-Faceted Intervention on Increasing Physical Activity among Students on a College Campus
Faculty Mentor: Dr. Wally Bixby

Stuart H. Batten and Robert B. Rosell
Physical Activity and Exercise Adherence in College Students: The Effect of a Multiple-Psychological Theory Based Exercise Intervention
Faculty Mentor: Dr. Wally Bixby

Elizabeth E. Cooper
The Effect of Supplemental Support via E-Mail and Text Messages on Perceptions of Body Image, Self-Esteem, and Social Support in 4th and 5th Grade Participants in Alamance Girls in Motion
Faculty Mentor: Prof. Elizabeth Bailey
Sabrina D. Fogleman, Emerald A. Graham, and Jessica A. Foust
Motivating University Students to Exercise Using the Constructs of the Self-Determination Theory
Faculty Mentor: Dr. Wally Bixby

Drew Gardner
The Influence of Concussion History on Cognitive Performance in College Athletes
Faculty Mentor: Dr. Eric Hall

Andrew Genova and Francesco P. Worley
Reliability of the Three Point Shoe Test
Faculty Mentor: Dr. Joyce Davis

Justin Gianni, Hilary A. Fogle, and Emily B. Fournier
Preventing Exercise Relapse after Spring Break
Faculty Mentor: Dr. Wally Bixby

Andrew Garrison
Impacts of Educational Attainment Risk Factors on Wages
Faculty Mentor: Dr. Mark Kurt

Charles P. Smith
“Virtual Water” and Its Effects on GDP Growth
Faculty Mentor: Prof. Dae Hyun Yoo

Jennifer A. Kirts
An Investigation of the Effectiveness of Extensive Sustainability Strategies on the World’s Largest Hotel Groups
Faculty Mentor: Dr. Susan Manring

2:30 PM- 4:30 PM Student Poster Session III
Authors present from 3 PM-4:30 PM.
McKinnon Hall

Alison Deatsch
Production of Magnetic Microspheres for Application in Magnetic Drug Delivery
Faculty Mentor: Dr. Benjamin Evans
Aaron C. Summers
Using NASA’s Suzaku X-Ray Observatory to Study Black-Hole Accretion in the Radio-Loud Galaxy NGC-6251
Faculty Mentor: Dr. Dan Evans

Lauren Kolodrubetz
Cold War Cultural Influences: A Content Analysis Study of TIME Advertisements
Faculty Mentor: Dr. Harlen Makemson

Stephanie Olsen
Dance for the Camera
Faculty Mentor: Dr. Nicole Triche

Amy Kenney
French and American Perceptions Regarding the Role of Social Media in Their Undergraduate Study Abroad Experience
Faculty Mentor: Dr. Sophie Adamson

Katherine N. Atkins
Visibility of Pedestrian Signals by Pedestrians with Varying Levels of Vision
Faculty Mentor: Dr. Alan Scott

Meghan Elizabeth Braun and Molly H. Campbell
Undergraduates’ Knowledge of North Carolina Crime
Faculty Mentor: Dr. Meredith Allison

Jennifer Champ and Katy J. Milizio
A Study of the Effects of Associative Encoding in Younger and Older Adults: Improvement of Memory for Pairs
Faculty Mentor: Dr. Amy Overman

Lauren Finn
Parental Teaching at Home: Children’s Engagement in Literacy and Numeracy while Cooking with Parents and Siblings
Faculty Mentor: Dr. Maureen Vandermaas-Peeler

Charles Fleischmann
Examining the Mechanisms of Information Integration in Speech Perception
Faculty Mentor: Dr. Amy Overman

Anna L. Hulett
Helping Yourself by Helping Others: An Examination of Personality Perceptions
Faculty Mentors: Dr. Patrick Rosopa and Dr. Chris Leupold

Kelly R. Molin
Social Perceptions of Alcohol-Risk Behaviors as Affected by Age, Gender, and Gender Role Ideology
Faculty Mentor: Dr. Gabie Smith
Stephanie Alayne Robinson
The Effect of Encoding Strategies, Semantic Relatedness, and Practice on Memory
Faculty Mentor: Dr. Amy Overman

Laura Sweeney
Crime Beliefs: Stereotypes of Criminals and Crime Victims
Faculty Mentor: Dr. Meredith Allison

Willem Prins
Optimization of a Novel Material for Application in Magnetic Microactuators
Faculty Mentor: Dr. Benjamin Evans

Michael F. Caputo
Effects of Thimerosal on Survival and Biochemical Signaling Pathways in Jurkat T-Cells
Faculty Mentor: Dr. Tonya Train

10:40 AM — Session I — Student Undergraduate Research Forum

Moderator: Dr. Mat Gendle
LaRose Digital Theatre

Megan McGrath (10:40 AM)
Can the 8 Coil Shakti Alter Subjective Emotional Experience? A Randomized, Placebo-Controlled Study
Faculty Mentor: Dr. Mat Gendle

Anna K. Stroman and Danielle P. Mullin (11:00 AM)
Effect of Crude Kava Root Extract on Helstead Category Test Performance in Young Adults
Faculty Mentor: Dr. Mat Gendle

Chris Gay (11:20 AM)
The Relationship between Online Avatar Use and Self-Discrepancy Theory
Faculty Mentor: Dr. Maurice Levesque
Brendan J. Igoe (11:40 PM)
The Effect of Mood and Cognitive Load on Nonverbal Sensitivity
Faculty Mentor: Dr. Maurice Levesque

Alexandra M. Dunn and Renee D. Robinson (12:00 PM)
How are College Students’ Time Perception, Prospective Memory, and Self-Concept Affected by Attention Problems?
Faculty Mentor: Dr. Linda Wilmshurst

Moderator: Dr. Glenn Scott
KOBC 200

Brittany L. Dewey (10:40 AM)
Executive Compensation at Banks Receiving Federal Assistance under the Troubled Asset Relief Program
Faculty Mentor: Dr. David Copeland

Kirsten Bennett, Andre J. Smith, and Samantha Baranowski
(11:00 AM)
Global Internet Core Values from Internet Governance Forum 2011
Faculty Mentor: Dr. Glenn Scott

Paul Billings (11:20 AM)
Culture, Communication, and Christianity: The Challenges of Contextualizing the Gospel in the 21st Century
Faculty Mentor: Dr. Melody van Lidh de Jeude

Moderator: Dr. Clyde Ellis
KOBC 208

Jacob Chitwood (10:40 AM)
Assimilating Athletics: The Role of Football at the Carlisle Indian Boarding School
Faculty Mentor: Dr. Clyde Ellis

Kristen Lee DelForge (11:00 AM)
A County in Crisis: A Critical Analysis of the 1988 Robeson County Newspaper Office Hostage Situation
Faculty Mentor: Dr. Clyde Ellis

Carl W. Dagger (11:20 AM)
Lacrosse and Passports: Tribal Sovereignty in the 21st Century
Faculty Mentor: Dr. Clyde Ellis

Hannah K. Gardner (11:40 PM)
“Indians Love Baseball, but We Don’t Set up Camp in the Ballpark”: The Controversy over Indian Mascots in Collegiate Sports, and the Case at UNC-Pembroke
Faculty Mentor: Dr. Clyde Ellis
Moderator: Dr. Katy Rouse
KOBC 211

Ian J. Grady (10:40 AM)
The Intertemporal Choice of Subprime Borrowing
Faculty Mentor: Dr. Greg Lilly

Stephanie A. Franz (11:00 AM)
A Re-Examination of the Environmental Kuznets Curve: A Cross-Country Analysis of the Impact of Trade and Economic Growth on Water Pollution
Faculty Mentor: Dr. Steve DeLoach

Micah P. Boomer (11:20 AM)
Homosexual Wage Discrimination in the 21st Century
Faculty Mentor: Dr. Katy Rouse

Kaylyn E. Swankoski (11:40 PM)
The Influence of School on Childhood Weight Gain
Faculty Mentor: Dr. Katy Rouse

Daniel Shulman (12:00 AM)
The Profitability of Small-Market Baseball Teams
Faculty Mentor: Dr. Anthony Amoruso

Moderator: Dr. Barbara Miller
KOBC 242

James Alex Moss (10:40 AM)
Death-Related Media’s Impact on News and Donation Preferences
Faculty Mentor: Dr. Barbara Miller

Stephen Ferguson (11:00 AM)
A Church under Fire: The Roman Catholic Church in America through Online and Social Media
Faculty Mentor: Dr. Kenn Gaither

Gabrielle Dean (11:20 AM)
Courage through Faith: A Look at Religion and Immigration
Faculty Mentor: Dr. Brooke Barnett

Carolyn Baumgarten (11:40 PM)
Chirping for Charity: How U.S. Nonprofit Organizations Are Using Twitter to Foster Dialogic Communication
Faculty Mentor: Dr. Vic Costello
Moderator: Dr. Prudence Layne
KOBC 244

Jensen Suther (10:40 AM)
Joyce’s Razor: A Misreading of The Divine Comedy in Ulysses
Faculty Mentor: Dr. Kevin Boyle

Caitlyn E. Byrne (11:00 AM)
Narrative Medicine: The Expression of Healing – An Examination of Contemporary Medical Literature Written by Physicians
Faculty Mentor: Dr. Cassie Kircher

Courtney N. McClelland (11:20 AM)
The Aim of the Tale: Edgar Allan Poe and the Psychological Grotesque
Faculty Mentor: Dr. Prudence Layne

Alexandra G. Hanner (11:40 AM)
So Much to Write, So Little Time: Measuring the Successes and Challenges of Community Creative Writing
Faculty Mentor: Prof. Paula Patch

Morgan Ferretti (12:00 AM)
Returning to My Italian Roots: Food and Travel Writing as Cultural Research
Faculty Mentor: Prof. Michael Strickland

Moderator: Dr. Cindy Fair
KOBC 310

Alexandra Pierce Lawrence (10:40 AM)
“The Pediatric Social Worker Really Shepherds Them through the Process”: Care Team Member Roles in Transitioning Adolescents with HIV to Adult Care
Faculty Mentor: Dr. Cindy Fair

Emily Anne Wise (11:00 AM)
“It Was Really Cool Because We Could Share Our Stories”: Assessing the Impact of a Creative Writing Group for Youth Living with HIV
Faculty Mentor: Dr. Cindy Fair

Virginia A. Fischer (11:20 AM)
The Wake County Student Assignment Policy: The Politics and Consequences of Snubbing the Public
Faculty Mentor: Dr. Beth Warner

Jesse Lee (11:40 AM)
From the Factory to the Bookshop: The Story of Elon’s Garments through Pictures
Faculty Mentor: Dr. Thomas Arcaro
Jack Dodson and Chas Smith (12:00 PM)
The Effects of Sri Lankan Culture on Its Environment
Faculty Mentor: Dr. Thomas Arcaro

Moderator: Dr. Ryan Kirk
KOBC 346

Sam Shoge (10:40 AM)
The Impacts of Impervious Surface Change on Water Quality in Alamance County: 1984-2010
Faculty Mentor: Dr. Ryan Kirk

Danielle Nicole Whitman (11:00 AM)
Enzyme Activity in the Hyporheic Region of Piedmont Streams
Faculty Mentor: Dr. Janet MacFall

Elizabeth Winchester (11:20 AM)
A New Look at Environmental Attitudes: Relationships to Other Social Issues
Faculty Mentor: Dr. Aaron Peeks

Katherine Lampe (11:40 AM)
Evaluating the Success of Rural Education Initiatives and Development Projects – Sokode, Ghana:
A Case Study
Faculty Mentor: Dr. Brian Digre

Moderator: Dr. Rissa Trachman
KOBC 353

Jana Murdock (10:40 AM)
The Role of Environmental Degradation in Collapse as Studied through the Ancient Maya in the Eastern Petén Forest of Northwestern Belize
Faculty Mentor: Dr. Rissa Trachman

Brett Evans (11:00 AM)
Jainism’s Intersection with Contemporary Ethical Movements: An Ethnographic Examination of a Diaspora Jain Community
Faculty Mentor: Dr. Amy Allocco

Hannah Dowling (11:20 AM)
New Conceptions of Motherhood: The Context and Implications of Embryo Adoption and Donation
Faculty Mentor: Dr. Amy Allocco

Amanda Olmstead (11:40 AM)
Charity or Justice: The Response of a Faith-Based Community Organizing Group
Faculty Mentor: Dr. Rebecca Peters
Session II — Student Undergraduate Research Forum

Moderator: Dr. Kimberly Epting
LaRose Digital Theatre

Laura Sweeney (12:40 PM)
Decision-Making in Criminal Justice
Faculty Mentor: Dr. Meredith Allison

Kaya S. Forstall, Jenna R. Chenault, Kelly A. Means, and Victoria E. Hill (1:00 PM)
Student, Faculty, and Community Members’ Motivation in Academic Service-Learning
Faculty Mentor: Dr. Alexa Darby

Meg Gourd and Gabrielle Newman (1:20 PM)
Teachers’ Ways of Dealing with Emotional Situations
Faculty Mentor: Dr. Alexa Darby

Sarah Borowski, Elizabeth N. Palmer, Traci A. Weisberg, and Candice B. Bowers (1:40 PM)
Project Emo: Influences of Writing about Personal Experiences on Production and Content
Faculty Mentor: Dr. Kimberly Epting

Julia Sage Telfer (2:00 PM)
Self-Processes and Depression: Therapeutic Implications
Faculty Mentor: Dr. Paul M. Fromson

Moderator: Dr. Kathy Matera
KOBC 208

Meredith N. Frazier (12:40 PM)
Investigating the Oxidative Abilities of Amyloid-Beta
Faculty Mentor: Dr. Kathy Matera

Kevin Clark Harrison (1:00 PM)
Preventing Heart Disease: Myeloperoxidase Lipid Oxidation Product Determination
Faculty Mentor: Dr. Kathy Matera
Hannah Grace Lane (1:20 PM)
Investigation of a New Method for Analysis of Explosives
Faculty Mentor: Dr. Karl Sienerth

Anthony Rizzuto (1:40 PM)
Study of BMIM-PF6: Acetonitrile Mixtures as Solvents for Electrochemical Studies Involving CO₂
Faculty Mentor: Dr. Karl Sienerth

Moderator: Dr. Michael Matthews
KOBC 211

Anna E. Powell (12:40 PM)
The Decline of African-American Farmers in the American South: The Role of the Land-Grant College System, the Cooperative Extension Service, and the United States Department of Agriculture’s Farm Service Agency
Faculty Mentor: Dr. James Bissett

Amber M. Woods (1:00 PM)
That “Wild and Fanatical Spirit”: Controlling the Slavery Debate amongst Kentucky Evangelicals
Faculty Mentor: Dr. Charles Irons

Caitlin Clarke (1:20 PM)
Judgment at Nuremburg: Defining a Society through Film
Faculty Mentor: Dr. Scott Windham

Christopher Carleton Jarrett (1:40 PM)
Hacia el buen convivir: Experiments in ‘Development with Identity’ in the Ecuadorian Amazon
Faculty Mentor: Dr. Michael Matthews

Renee Zale (2:00 PM)
The Influence of Memory on the Returned Exile Experience in Post-Dictatorship Chile
Faculty Mentor: Dr. Michael Matthews

Moderator: Dr. David Vandermast
KOBC 242

Gabrielle A. Burn (12:40 PM)
Contrasting Plant-Water Relations and Performance Indexes in Two Understory Plant Species in a Coastal Maritime Forest
Faculty Mentor: Dr. Brant Touchette

Emily C. Adams (1:00 PM)
Salinity Stress on Different Age Classifications of Black Needle Rush as Determined through Chlorophyll Fluorescence
Faculty Mentor: Dr. Brant Touchette
Daniel R. Millemann (1:20 PM)
Harmful Algal Blooms in Estuarine Rivers of North Carolina
Faculty Mentor: Dr. Brant Touchette

Stephanie Matson (1:40 PM)
Effect of Experimental Shading on a Wintergreen Plant, the Crane-Fly Orchid (*Tipularia discolor*), in the Piedmont of North Carolina
Faculty Mentor: Dr. David Vandermast

Lora L. Sigmon (2:00 PM)
Composition and Structure of Mature Second Growth Riparian Forests along the Haw River in Central North Carolina
Faculty Mentor: Dr. David Vandermast

Moderator: Dr. Evan Gatti
KOBC 244

Meg Hemmingson (12:40 PM)
The Effects of Domesticity and Heterosexual Relationships on the Portrayal of Gender in *Buffy the Vampire Slayer* and *Supernatural*
Faculty Mentor: Dr. Michelle Trim

Erin Day (1:00 PM)
Theoretical Perspectives on the Nature of Art Collecting
Faculty Mentor: Dr. Evan Gatti

Amanda B. Kennedy (1:20 PM)
A Culture Ignored: The Looting of the Iraq National Museum
Faculty Mentor: Dr. Evan Gatti

Maggie Pahos (1:40 PM)
Undergraduate Study Abroad: The Approach and the Question of Transformation
Faculty Mentor: Dr. Evan Gatti

Moderator: Dr. Jason Kirk
KOBC 310

McKenzie Young (12:40 PM)
North Carolina: Partisanship and Ideological Changes in an Evolving Southern State
Faculty Mentor: Dr. Hunter Bacot

Kelsey E. Renner (1:00 PM)
Politics of Power Sector Reform in Tamil Nadu and Uttar Pradesh, India
Faculty Mentor: Dr. Jason Kirk
Catherine T. Serex (1:20 PM)
Transcending the Security Dilemmas: A Comparative Multilevel Study of Trust in Peace Processes
Faculty Mentor: Dr. Jason Kirk

Linda Kurtz (1:40 PM)
Online: A Case Study of Nonprofit Communication Strategies in the United States and the United Kingdom
Faculty Mentor: Dr. Laura Roselle

Taylor N. Foshee (2:00 PM)
Poverty and Environmental Stress: Africa in the Post-Millennium Development Goal Era
Faculty Mentor: Dr. Sharon Spray

Moderator: Dr. Richard Landesberg
KOBC 346

Catherine E. Reynolds (12:40 PM)
Relationship-Building and Other Uses of Social Networking Tools by Nonprofit Organizations
Faculty Mentor: Dr. Amanda Gallagher

Laura Schutter (1:00 PM)
Free Marketing Strategies for Socially Responsible Startups: A Case Analysis of Four Effective Organizations
Faculty Mentor: Dr. Derek Lackaff

Jennifer Henricks (1:20 PM)
The Content and Effectiveness of Social Media in Election Campaigns
Faculty Mentor: Dr. Richard Landesberg

Evann P. Clingan (1:40 PM)
The Relationship of Participation in Online Sports Sites with Self-Identities as Fans and Commentators
Faculty Mentor: Dr. Glenn Scott

Moderator: Dr. Lynn Huber
KOBC 353

Elizabeth Dobbins (12:40 PM)
Peter of Cluny: Interpreter of Islam and a History Interpreted
Faculty Mentor: Dr. Evan Gatti

Andrew T. Black (1:00 PM)
Rhetorical Battlefields: Examining the Dialectical Components of Islamic Intra-Sectarian Conflict and Competition in Post-Ba’athist Iraq
Faculty Mentor: Dr. Michael Pregill
Kiva Shiri Nice-Webb (1:20 PM)
Reconsidering the Goddess in the Saint: Reading Brigit through a Postcolonial Lens
Faculty Mentor: Dr. Lynn Huber

Katelyn Elise O’Dunne (1:40 PM)
Female Ordination in the Anglican Church
Faculty Mentor: Dr. Jeffrey Pugh

Meghan E. Zapiec (2:00 PM)
Religious Ritual or Drug Abuse? The Justification of Peyote in the Native American Church
Faculty Mentor: Dr. Jeffrey Pugh

2:40 PM- Session III — Student Undergraduate
Research Forum

Moderator: Dr. Michael Terriblini
LaRose Digital Theatre

Erin Keim (2:40 PM)
Directional Selection in the Mitochondrial DNA of Lizards Caused by Living in Extreme Environments
Faculty Mentor: Dr. Greg Haenel

Bryan A. Strelow (3:00 PM)
Exploring Species Boundaries: Morphological Evidence for Interactions between North American Cricket Frogs, Acris crepitans and A. gryllus
Faculty Mentor: Dr. Greg Haenel

Lauren Stranahan (3:20 PM)
Antidepressant Impairs Zebrafish Motor Development and Behavior: Ramifications of Pharmaceutical Drugs in the Environment
Faculty Mentor: Dr. Linda Niedziela
V. Claire James (3:40 PM)
Peptide Binding Affinity of the Rheumatoid Arthritis Susceptibility Allele HLA-DRB1*0401 through Molecular Dynamics Simulation
Faculty Mentor: Dr. Michael Terribilini

Moderator: Dr. Joel Karty
KOBC 208

Kelly A. Giffear (2:40 PM)
Estrogenic Activity of Wastewater Effluent in the Piedmont Triad Area Using a Four-Hour Yeast Bioassay
Faculty Mentor: Dr. Lisa Ponton

Leah Krieger (3:00 PM)
Y-Aromatics in the Trimethylenemethane Dianion and the Guanidinium Ion: Contributions by Resonance and Inductive Effects toward the Stability of Each Ion
Faculty Mentor: Dr. Joel Karty

Caroline M. Peckels (3:20 PM)
Investigating the Role of Gallic Acid Derivatives in the Treatment of Alzheimer’s Disease
Faculty Mentor: Dr. Joel Karty

Moderator: Dr. Karen Yokley
KOBC 211

Allison Stolte (2:40 PM)
Earthquakes and Their Effect on Infant Mortality Rates in Indonesia
Faculty Mentor: Dr. Steven Bednar

Kevin Sheridan (3:00 PM)
State Laws and Foreclosure Rates: A Brief Analysis
Faculty Mentor: Dr. Thomas Tiemann

Lauren Kay Flood and Anna L. Hulett (3:20 PM)
The Impact of the Elon Experiences on Student Growth Outcomes
Faculty Mentor: Dr. Christopher Leupold

Danica A. Shipley (3:40 PM)
The Impact of Emerging Mediums for Customer Service Delivery in Online Purchasing: A Study of Customer Satisfaction and Loyalty among College Students
Faculty Mentor: Dr. Sharon Hodge

Gregory C. Mader (4:00 PM)
Differential Equation Model for Malaria Endemic Populations
Faculty Mentor: Dr. Karen Yokley
Moderator: Dr. Mark Enfield  
KOBC 242

Jon Moore (2:40 PM)  
Musical Attitudes in Pre-Soviet Russia: Glazunov and the Saxophone  
Faculty Mentor: Dr. Victoria Fischer Faw

Lauren Rodriguez-McCleary (3:00 PM)  
Why Isn’t Science Being Taught? Investigating Constraints on Elementary Teachers  
Faculty Mentor: Dr. Mark Enfield

Christy Zimmerman (3:20 PM)  
Reported Experiences of Elementary General Educators Working with English Language Learners  
Faculty Mentor: Dr. Mary Knight-McKenna

Lindsay R. Mann (3:40 PM)  
A Case Study Comparison of Dual Language Programs and English as a Second Language Pull-Out Programs: Differential Outcomes on Student Learning  
Faculty Mentor: Dr. Carolyn Stuart

Kaitlyn Fay (4:00 PM)  
The Effects of Learning Jazz Improvisation on Student Performance in Second Language Acquisition  
Faculty Mentor: Dr. Matthew Buckmaster

Moderator: Dr. Hui-Hua Chang  
KOBC 244

Kelie Evans (2:40 PM)  
The Reality of Livia’s Power in Imperial Rome  
Faculty Mentor: Dr. Hui-Hua Chang

Marissa R. Semon (3:00 PM)  
Why Were the Punishments for Adultery So Severe in Classical Athens?  
Faculty Mentor: Dr. Hui-Hua Chang

Megan Wynn (3:20 PM)  
The Real Spartan Military  
Faculty Mentor: Dr. Hui-Hua Chang

Joanna N. Rabiej (3:40 PM)  
From Betty to Peggy and Everywoman in between: The Shift from Housewife to Career Woman in Three Leading Women’s Magazines, 1963-1978  
Faculty Mentor: Dr. Rod Clare
Moderator: Dr. Duke Hutchings  
KOBC 310

Katherine Vogt (2:40 PM)  
Co-Located Collaborative Sensemaking on a Large High-Resolution Display with Multiple Input Devices  
Faculty Mentor: Dr. Duke Hutchings

Daniel Robert Cresse (3:00 PM)  
Creating a Virtual World and Navigating through It Using Gesture Recognition  
Faculty Mentor: Dr. Shannon Duvall

Andrew Z. Sutherland (3:20 PM)  
Exploring Data Visualization  
Faculty Mentor: Dr. Shannon Duvall

Amy Eubanks (3:40 PM)  
Catching Fireflies: A Persuasive Augmented Reality Game for Android Phones  
Faculty Mentor: Prof. Joel Hollingsworth

Carter Kozak (4:00 PM)  
Automated Collection of Code-Level Metrics for the Debian Package Repository  
Faculty Mentor: Dr. Megan Squire

Moderator: Dr. Nina Namaste  
KOBC 346

Abby Rosalyn Broughton (2:40 PM)  
Frolics in Lyon: My Six Months in France’s Second City  
Faculty Mentor: Dr. Sophie Adamson

Jacy Lance (3:00 PM)  
The Impact of International and Domestic Factors on the Success of the Zapatista Movement in Chiapas, Mexico  
Faculty Mentor: Dr. Donna Van Bodegraven

Melissa Kansky (3:20 PM)  
Günter Grass through the Looking Glass: The Memoir of a Once Beloved Holocaust Perpetrator  
Faculty Mentor: Dr. Scott Windham

Amanda McBride (3:40 PM)  
Madres, mujeres y trabajadoras: protesta implicita por Chilenas en Paula (1973-1979) [Mothers, Women, and Female Workers: Implicit Protest by Chilean Women in Paula (1973-1979)]  
Faculty Mentor: Dr. Nina Namaste
Moderator: Dr. Laura Roselle
KOBC 353

Elizabeth Leman (2:40 PM)
The Role of International Humanitarian Law in Three International Conflicts: World War II, Rwanda, and Sri Lanka
Faculty Mentor: Dr. David Crowe

Natalie P. Lampert (3:00 PM)
Glitter or Gloom?: Natural Resource Extraction and Community Standards in Ghana
Faculty Mentor: Dr. Bud Warner

Zachary L. Jordan (3:20 PM)
Colonel Sanders vs. Ronald McDonald: A Comparative Case Study of KFC and McDonald’s in China
Faculty Mentor: Dr. Laura Roselle

Catherine T. Serex (3:40 PM)
Mediation Hegemony: The United States as a Third Party Mediator in the 1990s
Faculty Mentor: Dr. Laura Roselle

Kelsey L. Glover (4:00 PM)
Ikhwan Al-Muslimin: Their Strategic Narrative and Its Metamorphosis over Time
Faculty Mentor: Dr. Laura Roselle

4:30 PM- 5:30 PM SURF Reception
5:30 PM McKinnon Hall

6:30 PM-8 PM Teacher Candidate Excellence Ceremony
This ceremony officially welcomes teacher education candidates into the program.
LaRose Digital Theatre

7:30 PM Faculty Violin/Piano Recital
Yeager Recital Hall, Center for the Arts
THURSDAY, APRIL 28

All day

‘Mixed Media’ Student Art Exhibit
Enjoy an eclectic selection of student art in multiple formats.
Oak Grove Lounge, First Floor Belk Library

12 PM-1:30 PM

Eat, Think, and Be Merry: Students Read from Their Work
Students will read poems and excerpts from their short stories and personal essays.
Carlton 209

1:30 PM-3:30 PM

CELEBRATE! Service-Learning
Come hear outstanding students discuss their valuable experiences with Academic Service-Learning. Please feel free to attend any portion of the event that you can. Refreshments will be available throughout the session.
Courtney Graham, Alex Moss, Anne Hellweg, Molly Cox, Elizabeth Moy, Alex Harrington, Hannah Gardner, Cait Fitzpatrick, and Rachel Banner.
Oaks 212

4:15 PM-5:15 PM

Omicron Delta Kappa Annual Awards Day Ceremony
Omicron Delta Kappa is honored to sponsor the Annual Awards Day Ceremony. Since 1977, Elon’s Circle of ODK has recognized juniors and seniors who have demonstrated outstanding leadership skills while maintaining high academic standards. The Circle’s core components include academics, multicultural experiences, athletics, campus/community service, social/religious activities, campus government, creative and performing arts, and journalism, speech, and mass media.
Whitley Auditorium
School of Communications Student Awards Ceremony
Studio B, McEwen Communications Building

ANNUAL AWARDS

Omicron Delta Kappa Awards
Whitley Auditorium
- Algernon Sydney Sullivan Award
- Ella Brunk Smith Award
- Iris Holt McEwen Community Services Award
- James S. and Marilyn A. Denton Award
- John W. Barney Memorial (Top GPA) Award
- Perito Award
- Phi Kappa Phi Graduate Fellowship Award
- Outstanding Academic Service-Learning Student Paper Award
- Student Communications Media Award
- Truitt Center Reconciliation Award
- W.L. Monroe Christian Education and Personality Award
- Willliam Moseley Brown Leadership Award

Incoming 2011-2012 ODK OFFICERS
President: Daniel Baquet
Vice President: Louisa Sloan
Secretary: Danielle Martinelli
Treasurer: Brittany White

Outgoing 2010-2011 ODK OFFICERS
President: Kristen Allen
Vice President: Stacey Markham
Secretary: Chelsea LeValley
Treasurer: Erin Blackwell

School of Communications Awards
Studio B, McEwen Communications Building
- A.J. Fletcher Communications Award
- Anthony and Olga Duke Communications Scholarship
- D’Angelo Family Scholarship in Honor of Bill Leonard
- Dubois Legacy Scholarship
- James F. Hurley Legacy Scholarship
- Outstanding Senior in Broadcast Communications Award
- Outstanding Senior in Cinema Award
- Outstanding Senior in Strategic Communications Award
- Outstanding Senior in Journalism Award
- Priestley Scholarship
- Times-News Scholarship
- Michael Foreman Scholarship
- Sport and Event Management Major of the Year
- Sport and Event Management Scholarship
The Martha and Spencer Love School of Business presented awards on April 14
LaRose Digital Theatre
- Academic Excellence Award in Accounting
- Alpha Kappa Psi Scholarship Key and Award Certificate
- Challenge and Expect Award in Accounting
- John Kappas Economics Award
- NCCPA Exam Award
- Benjamin Grover Johnston Award
- Walter Hattenbach Award
- *Wall Street Journal* Student Achievement Award
- Student Achievement in Economics Award
- Student Achievement in Entrepreneurship Award
- Student Achievement in Finance Award
- Student Achievement in International Business Award
- Student Achievement in Management Award
- Student Achievement in Marketing Award
- Love School of Business Responsible Leadership Award

The School of Education will present awards at the School of Education Faculty and Student Award Ceremony on May 6 at 4:30 PM
Moseley 215
- Arnold Strauch Award
- Janie P. Brown Emerging Professional Award
- Outstanding Major in Physical Education Award

Elon College, the College of Arts and Sciences, will present awards at the Elon College Faculty and Student Excellence Awards on May 5
McCrary Theatre, Center for the Arts
- Al and Ruby West Human Services Scholarship
- Alpha Kappa Delta Award
- American Institute of Chemists’ Student Award
- Basnight Award
- Billy Crocker Jazz Award
- Biology Department Outstanding Student Award
- Computer Science Academic Achievement Award
- Computing Sciences Department Service Award
- CRC Press Freshman Chemistry Achievement Award
- Durward Turrentine Stokes Outstanding Graduating Senior Award
- Elon University Programming Contest Award
- Elon’s Engineering Excellence Award
- Emerson Philosophy Award for Outstanding Philosophical Engagement
- Emerson Philosophy Award for Outstanding Philosophical Achievement
- English Scholar Award
- Foreign Language Award
- Geography Program Paper Prize Award
- GlaxoSmithKline Women in Science Scholar Award
- Golden Oak Award
- Howard Gravett Award
- Human Services Award
• Information Systems Academic Achievement Award
• International Studies Outstanding Senior Award
• J. Albert Carpenter Scholarship Award
• Martha Smith Award for Outstanding Graduating Women’s and Gender Studies Minor Award
• Mathematics Academic Achievement Award
• Mathematics Department Service Award
• Mathematics Research Award
• Outstanding Criminal Justice Student Award
• Outstanding Major in Exercise/Sport Science Award
• Outstanding Political Science Student Award
• Outstanding Psychology Student Award
• Outstanding Senior Anthropology Student Award
• PERCS Outstanding Ethnographic Project Award
• Presser Music Scholarship Award
• Religious Studies Award
• Senior Spanish Award
• Senior World Language Award
• Shackley Keyboard Award
• Uli Stroszeck Award

6 PM-7 PM  
about:belk Video Contest
Student winners of the video contest to showcase Belk Library’s resources will be announced. Check the blog for a list of the prizes awarded to the top three videos! http://blogs.elon.edu/aboutbelk
Belk Library 102

7 PM-8 PM  
Colonnades Unveiling
Colonnades, Elon’s exclusive literary and art magazine, will be unveiled. Come hear your fellow students read their work and pick up a copy of the magazine for your personal enlightenment. If you like good art and good literature, this is the place for you! Snacks will be served.
Trollinger House

7:30 PM  
Student-Directed Full-Length Play
Please join us for a performance produced entirely by Elon Performing Arts majors. Admission: $5 at the door. Note: Viewer discretion advised.
Black Box Theatre, Center for the Arts

7:30 PM-9 PM  
E3: Elon Electric Ensemble
The Department of Music’s pop/rock ensemble performs an exciting show as part of CELEBRATE! The concert will showcase an eclectic mix of music including original songs by Elon students and faculty.
Philip Anderson, Rob Burrell, Frank Hurd, Kara Johnson, Luis Sanchez, Ben Soldate, and Bobby Watts.
McCrary Theatre, Center for the Arts
FRIDAY, APRIL 29

All day

'Mixed Media' Student Art Exhibit
Enjoy an eclectic selection of student art in multiple formats.
Oak Grove Lounge, First Floor Belk Library

2 PM-3:30 PM

Department of Performing Arts presents
Music Theatre Senior Recital
The program will include solos, duets, and trios from music theatre favorites such as
Damn Yankees, She Loves Me, Floyd Collins, and many others.
Jill Vanderoef, Jamie Lowe, and Vinnie Meduri with faculty pianists Haidee Dollak and Tyson Hankins.
Lindner Suites 209 and 212

3 PM-4 PM

Anthropology Senior Poster Session
The 2011 Anthropology seniors will present their original research during this poster session.
Lindner 209

5:00 PM

Alana Read, Senior Piano Performance Degree Recital
The program includes works by Bach, Cimarosa, Schumann, Poulenc, and Bonds. One hour of great classical piano music.
Whitley Auditorium

7:30 PM

Student-Directed Full-Length Play
See listing for Thursday, 7:30 PM
Black Box Theatre, Center for the Arts
Elon University World Percussion Ensemble Presents Global Rhythm Fusion
Major rhythm centers from around the globe including Africa, Cuba, Brazil, India, and the Middle East are studied and infused into a comprehensive percussion experience performed by Elon students.
Isabella Cannon Room, Center for the Arts

SATURDAY, APRIL 30

All day
'Mixed Media' Student Art Exhibit
Enjoy an eclectic selection of student art in multiple formats.
Oak Grove Lounge, First Floor Belk Library

2 PM and 7:30 PM
Student-Directed Full-Length Play
See listing for Thursday, 7:30 PM
Black Box Theatre, Center for the Arts
SUNDAY, MAY 1

---

All day

‘Mixed Media’ Student Art Exhibit
Enjoy an eclectic selection of student art in multiple formats.
Oak Grove Lounge, First Floor Belk Library

---

1 PM

2011 Bachelor of Fine Arts Thesis Exhibition, Opening Reception
A group exhibition and the culmination of an Elon art major’s capstone experience. Each installation delineates an artist’s undergraduate art-making endeavors. At the opening, participants will offer remarks and provide context to their theses. Exhibition continues until May 10.
Arts West Gallery

---

7:30 PM-9 PM

Department of Music presents A British Choral Invasion
Director of Choral Activities Stephen A. Futrell conducts the combined choirs of Elon Camerata and Chorale, with organ and piano. Featured works include William Walton’s “Jubilate Deo,” Henry Purcell’s “Ode for St. Cecilia’s Day (1692),” Ralph Vaughan Williams’ “Serenade to Music,” and Benjamin Britten’s “Rejoice in the Lamb.”
www.elon.edu/music
Featuring the Williams High School Choral Ensemble with director Laura Sam, faculty pianist Sharon LaRocca, and special guest organist David Ratchford.
Front Street United Methodist Church
MONDAY, MAY 2

All day

‘Mixed Media’ Student Art Exhibit
Enjoy an eclectic selection of student art in multiple formats.
Oak Grove Lounge, First Floor Belk Library

5:30 PM-6:30 PM

College Writing/English 110 Showcase
The Fourth Annual College Writing Showcase will feature student projects completed in support of the ENG 110 course objectives. In addition to displaying the College Writing projects, students’ electronic poster presentations will reflect on the writing processes undertaken to complete the projects.
Alamance 201

6:00 PM

Phi Kappa Phi Induction
The Honor Society of Phi Kappa Phi recognizes the outstanding academic achievements of students from all disciplines. The annual induction ceremony welcomes our new members into the Society.
McKinnon Hall