

Emily Young

Accounting

*The Adequacy of Duty Segregation in Churches
to Prevent Fraudulent Activities*

William Baker, Ph.D.

Dawn Medlin, Ed.D.

Dominic Ysidron

Psychology and Philosophy

*Warmth and Competence: Social Inference Reac-
tion Times*

Andrew Monroe, Ph.D.

Matt Ruble, Ph.D.



The Honors College

APPALACHIAN STATE UNIVERSITY

UNIVERSITY HONORS COMMENCEMENT CEREMONY

May 11th, 2018

8:30 – 10:30 AM

Parkway Ballroom of the Plemmons Student Union

Commencement Program

Dean Jeff Vahlbusch:
Greetings & Introduction of Staff

Louis Gallien Jr., Ph.D.	Heather Waldroup, Ph.D.
Rick Klima, Ph.D.	Jessica Yandow, M.P.A.
Garrett McDowell, Ph.D.	Ted Zerucha, Ph.D.
Angela Mead, Ed.D.	

Recognition of Special Guest

Darrell Kruger, Ph.D.
Provost and Executive Vice Chancellor

Provost Darrell Kruger:
Welcome

Presentation of University Honors Candidates

Connor James Watts
History
Conquest From Behind these Walls: The Role of Castles and Fortified Towns in the Anglo-Norman Occupation of Wales
Mary Valante, Ph.D.
Alexandra Sterling-Hellenbrand, Ph.D.

Ashlyn Whitesell
Chemistry
Advancements in Synthetic Organic Chemistry Using Novel Materials
Nicholas Shaw, Ph.D.
Michael Ramey, Ph.D.
Ted Zerucha, Ph.D.

Lyndsay Wilcox
Social Work
Exploring Coping Skills of Hospitalized Children: A Children's Book Proposal
Peter Fawson, Ph.D.
Denise Brewer, M.Ed.
Robert Broce, Ph.D.

Natalie Willmschen
Sustainable Development
Choreographing Climate Change: A Phenomenological Study of Using Dance to Communicate the Human Dimensions of Climate Change
Laurie Atkins, M.F.A.
Laura England, M.S.

James Yoakum
History
Witchcraft, Magic, and Heavy Metal
Jason White, Ph.D.
Christina Carter, Ph.D.

Emily Yontz
Mathematics
Developmental Mathematics Students' Fractional Understanding
Michael Bosse, Ph.D.
Jan Stanley, M.Ed.

Silas York
Accounting
Mortgaging Away Our Future: An Examination of U.S. Congressional Opinion Regarding the Home Mortgage Interest Deduction
Mary Stolberg, Ph.D.
Robert Eskridge, Ph.D.

Lillian Shaw

Sociology and Spanish
Swinging Towards Social Change: How Lindy Hop Promotes Gender Equality
Joesph Gonzalez, Ph.D.
Bradley Nash, Ph.D.

Margaret Smith

Biology
A Proposed Mouse Model for Childhood Malaria and Immunity
Michael Opata, Ph.D.
Kara Dempsey, Ph.D.

Andrew Smith

Spanish and Recreation
Management
Modern Route Setting in Commercial Climbing Gyms: A Comprehensive Guide to Hiring, Training, and Maintaining a Talented Staff and Healthy Users
Erik Rabinowitz, Ph.D.
Anthony Love, Geology

Samantha Steyl

Chemistry
Overexpression of Mitochondrial Superoxide Dismutase Leads to Defects in Oxidative Phosphorylation in Mouse Liver
Brooke Christian, Ph.D.
Darren Seals, Ph.D.

Brooke Sweeney

Political Science
Le Sexe Est Vendeur: Representation of the Female Form in French Advertisements During the Art Nouveau Movement and the Cognitive Effects of these Advertising Strategies
Darci Gardner, Ph.D.
Michael Behrent, Ph.D.

Rachel Tapia

English
Kill the Messenger: Fiction on Opportunity and Privilege
Zackary Vernon, Ph.D.
Ellen Lamont, Ph.D.

University Honors Candidates

Alice Albl

Nutrition and Foods
A Review of Creatine and Its Role in Muscle Strength and Balance
Lisa McAnulty, Ph.D.
Amanda Howell, Ph.D.

Lindsey Bearss

Biology
Reasons for Initiation and Continued Use of Electronic Cigarettes: A Systematic Review of the Literature
Christopher Seitz, Ph.D.
Andrew Bellemer, Ph.D.

Haley Behm

Communication Sciences & Disorders
Sign Language and Spoken Language Development in Normal Hearing Children, Children with Mild Hearing Impairments, and Autism Spectrum Disorder
Benjamin Russel, Ph.D.
Derek Davidson, Ph.D.

Emily Berdal

Exercise Science
Investigating the Relationship Between Anxiety Sensitivity and Chronic Illness: A Replication and Extension
Joshua Broman-Fulks, Ph.D.
Kim Fasczewski, Ph.D.

Sydney Blume

Sustainable Development and Spanish
Vamos Adelante: Zapatismo as Resistance to Global Hegemony
Brian Burke, Ph.D.
Dana Powell, Ph.D.

Mackenzie Brown

Biology
*Construction of a Δ potBA_{vpsL} Mutant and the Effects on Biofilm Formation in *Vibrio cholerae**
Ece Karatan, Ph.D.
Jonathon Stickford, Ph.D.

Nicholas Cassidy

Marketing
The Effect of Scarcity Types on Consumer Preference in the High-End Sneaker Market
Dave McEvoy, Ph.D.
Jeffrey Foreman, Ph.D.

Emily Cluen

Recreation Management
Out of the Cabin, Out of the Closet: The Transformative Experiences of Camp and Identity Exploration
J. Joy James, Ph.D.
Mary Ballard, Ph.D.

Chamian Cruz

Communication, Journalism
The Media, Public Perception, and Policy Decisions: An Analysis of Two Racially Different Newsrooms’ Coverage of BLM and DACA
Lynette Holman, Ph.D.
Garrett McDowell, Ph.D.

Kelly Dancy

English, Secondary Education
Empowering Students to Think Critically and Compassionately by Teaching Social Justice through Literature
Christopher Osmond, Ph.D.
Greg McClure, Ph.D.

Amber Daniel

Exercise Science
An Exploration of Potential Hurdles to Student Success
Alex Howard, Ph.D.
Ben Asma, M.A.

Brooklyn Eschenbaugh

Psychology
Do Motor Actions Influence Creative Cognition? A Replication of Friedman and Förster (2002)
Andrew Smith, Ph.D.
Paulette Marty, Ph.D.

Jaelyn Felder

Communication,
Electronic Media/Broadcasting
Incidents in the Life of a Black Woman: A Comparative Analysis of Black Women in the Media and Slave Rhetoric
Newly Paul, Ph.D.
Kimberly Green, Ed.D.

Sean Flaherty

Accounting
Bookkeeping in the Cloud: Advancements in Accounting Software
Scot Justice, D.B.A.
Bill Phillips, M.B.A.

Samuel Plato

Music Education
How the Instrument Shapes the Musician: Looking at Baroque Flute Repertoire With Boehm Flute in Hand
Elizabeth Shulstad, Ph.D.
Kay Borkowski, M.A.

Elizabeth Pope

Communicaton
Look Up: Technology’s Impact on Attention, Connection, and Creativity
Janice Pope, Ph.D.
Megan Hayes, M.B.A.

Joanna Powers

Child Development
Helping Hand: A Guide for Siblings to Understand, Cope, Grieve, and Heal
Teresa Sumrall, Ph.D.
Bret Zawilski, Ph.D.

Emily Rabe

Supply Chain Management and Market-
ing
Green is the New Black
Janice Pope, Ph.D.
Nancy Oliver, Ph.D.

Nicole Rosenbaum

Psychology
Exercise: An Alternative Solution for Experiential Avoidance
Josh Broman-Fulks, Ph.D.
Jamie Moul, Ed.D.

Carolina Rushing

Exercise Science
Cardiovascular and Autonomic Responses to Resistance Training in Individuals with Down Syndrome
Scott Collier, Ph.D.
Ted Zerucha, Ph.D.

Paige Schurter

Accounting
The Effects of Priming on an Accountant’s Decision Making
Rebecca Hutchins, Ph.D.
Shawn Bergman, Ph.D.

Tanner Sciara

Chemistry and Biology
Moringa oleifera Phytochemical Composition and the Influence of Environmental Growing Conditions
Jennifer Cecile, Ph.D.
Chishimba Nathan Mowa, Ph.D.

Caitlyn Murray

Social Work
What Balance of Social Programs and Economic Development Initiatives are Necessary for Community Well Being and Resilience in the Appalachian Region of North Carolina? A Comparative Case Study
Leah Hamilton, Ph.D.
Kathryn Holten, Ph.D.

Liam Nield

Psychology
Inferring Decision-Making Styles from Job Search Behaviors
Yalcin Acikgoz, Ph.D.
William Hicks, Ph.D.

Joseph Nuhfer

Computer Science
NuhSchedule: A Web Application for Automated Course Scheduling
Raghuveer Mohan, Ph.D.
Gregory Rhoads, Ph.D.

Tanner Orders

Biology
The Antibacterial Efficacy Of Ethanolic Whole-Leaf Moringa oleifera Sub-Fractions On Escherichia coli
Chishimba Nathan Mowa, Ph.D.
Nicholas Shaw, Ph.D.

Megan Pavelka

Psychology
On the Nature of Neural Activity: Effects of Periodic and/or Acute Exposure to Environmental Enrichment on Hippocampal c-FOS Expression in Adolescent Rats
Mark Zrull, Ph.D.
Andrew Bellemer, Ph.D.

Ella Perrin

Exercise Science
Cytokine and Grip-Strength Response to Apple Wax Triterpenoid Consumption
Kevin Zwetsloot, Ph.D.
Martin Root, Ph.D.

Margaret Ann Pharr

Recreation Management and Sociology
The Benefits of Camp: Necessity of the Outdoors and Community in the Digital Age
J. Joy James, Ph.D.
Beth Davison, Ph.D.

Alyssa Phillips

Biology
Cytogenetic Tools to Investigate the Compilospecies
Matt Estep, Ph.D.
Brooke Christian, Ph.D.

Kelly Flanders

Mathematics
Sophie Germain and the Struggles of Women During the French Revolution
Gregory Rhoads, Ph.D.
Jean-François Fournier, Ph.D.

Evangeline Giaconia

Anthropology
“Look, Son, This is Your Country”: Spatializing Influence on Perceptions of Indigeneity
Timothy Smith, Ph.D.
Rebecca Witter, Ph.D.

Colleen Gillooley

Psychology and Spanish
Dual Mechanisms of Cognitive Control in Bipolar Disorder
Lisa Emery, Ph.D.
Kelli Bettenhausen

Ashley Goodman

English
Appalachia and Us: Human Relationships with the Environment
Kathryn Kirkpatrick, Ph.D.
Carolyn Edy, Ph.D.

Janet Hammond

History
Capitalizing on Taboos in Advertising: The Cigarette Card Series of W. Duke, Sons & Co.
Michael Behrent, Ph.D.
Katherine Ledford, Ph.D.

Margaret Hancock

Psychology
Informants’ Race and Accent Influence Preschoolers’ Uptake of Irregular Nouns and Verbs
Robyn Kondrad, Ph.D.
Denise Brewer, Ph.D.

Lydia Harris

Chemistry
A Tale of Two Subunits: Co-expression Using the Dual Plasmid Approach of the Two Subunit Proteins Dimethylsulfide Monooxygenase from Hyphomicrobium Sulfonivorans
Megen Culpepper, Ph.D.
Cara Fiore, Ph.D.

Rebecca Howell

Nutrition and Foods

Experiences of those with Celiac Disease in Rural Versus Urban Areas of Western North Carolina

Martin Root, Ph.D.

Adam Hege, Ph.D.

William Johnson

Chemistry

Influence of 20-Hydroxyedrysore on Inflammatory Process in Muscle Injury and Repair

Kevin Zwetsloot, Ph.D.

Jennifer Cecile, Ph.D.

Rachel Jordan

Biology

Winter Ecophysiology of Fraser Fir (Abies fraseri)

Howard Neufeld, Ph.D.

Angela Mead, Ed.D.

Zoe Kaplan

English

The Book of Naomi: A Novel

Mark Powell, M.F.A.

Rabbi Stephen Roberts, Temple of the High Country

Shaina Katz

Political Science

Jordan within the Shifting Balance of Middle East Politics

Cary Fraser, Ph.D.

Or Honig, Ph.D.

Jessica Kleeen

English

Adapting to the Digital Age: An Analysis of the Rise and Fall of Small Businesses When Faced with Transitioning to a Web-Based Platform

Sarah-Beth Hopton, Ph.D.

Matthew VanDyke, Ph.D.

Emma Labovitz

Political Science and Global Studies

Rhetoric vs. Reality: How U.S. Media Depicts Refugees in Sweden and Its Implications for U.S. Policy

Renee Scherlen, Ph.D.

Joe Gonzalez, Ph.D.

Mackenzie Laney

History

Doing Digital History as a Public Historian: The Implications and Uses of the Growing Digital History Field for Public History

Kristen Baldwin Deathridge, Ph.D.

Garrett McDowell, Ph.D.

Nile LaTowsky

Psychology

The Fantasy of Wealth: Attracting College Graduates into the Workforce

Shawn Bergman, Ph.D.

Jim Westerman, Ph.D.

Jacob LeBlanc

Industrial Design

The Development and Fabrication of Consumer-Specific Adaptable Retail Display Elements

Donald Corey, M.In.Dsn.

Teri Brooks

Emily Lucero

Biology

The Cytotoxic Effects of Vesicular Stomatitis Virus on THP-1 Macrophages

Darren Seals, Ph.D.

Megen Culpepper, Ph.D.

Cole Maita

Marketing

An Exploratory Study on Consumer Perceptions of Amazon Alexa

David Shows, D.B.A.

Hillary Davidson

Mary Kathleen McCann

Global Studies and French & Francophone Studies

The Debate Concerning French Interior Security Policy since the 2015 Terrorist Attacks: Security vs. Civil Liberties

Michael Behrent, Ph.D.

Jean-François Fournier, Ph.D.

Caleb McMahan

Music Performance

Appalachia Re-Imagined: Jazz Septet Arrangements of Appalachian Folk Songs

Anderson Page, M.M.

Michael Dale, Ph.D.

Amanda Mericle

Music Performance

Hierarchical Form in Prokofiev’s Flute Sonata, op. 94 II, Scherzo

Jennifer Snodgrass, Ph.D.

Bret Zawilski, Ph.D.