

Scholars Day

Wesley College
Dover, Delaware



April 15, 2014

Schedule of Events

Wells Auditorium (Slaybaugh Hall 107)

1:00 – 1:05

Welcome & Opening Remarks

Dr. Patricia Dwyer

Provost & Vice President for Academic Affairs of Wesley College

Wells Auditorium (Slaybaugh Hall 107)

1:05 – 1:25

Keynote Address: Matthew Gallagher

Senior Operations Consultant, Bank of America

Session I

1:35-2:15

Musical Performances

Oral Presentations

Session II

2:25-3:05

Musical Performances

Oral Presentations

Poster Presentations

Session III

3:15-3:55

Musical Performances

Oral Presentations

Session IV

4:05-4:45

Musical Performances

Oral Presentations

Poster Presentations

The Student Photography Show will remain throughout the day in the DuPont Gallery

5:00-6:00

Reception & Ceremony

Poster Presentations in College Center Lobby

Musical Performances in the Chapel,

Oral Presentations in Wells Auditorium (Slaybaugh Hall 107),

Slaybaugh Hall 104, Cannon Hall 7,

Cannon Hall 109, Cannon Hall 110 and Parker Library 208

Reception & Ceremony in College Center 206

Musical Performances: Session I

1:35 – 2:15

Chapel

Moderator: Jonathan Kidd

Wesley Jazz Band presents the Music of Duke Ellington;

David Laganella, Conductor

Wesley College Symphonic Band;

Brian Cass, Conductor

Wesley College Clarinet Trio

Esmeralda Elsakahawy, Leah Lowery and Kylie Liberty

Recitations: Session I

1:35 – 2:15

Cannon Hall 109

Moderator: Agashi Nwogbaga

Assessor: TBD

Epic of James Morrison

Shane Yost

PoetryByKJ

Kevin Johnson II

Oral Presentations: Session I

1:35-2:15

Panel 1: Cannon Hall 7

Moderator: William Kroen

Assessor: Jill Cole

Kinetics of Phenyl Tosylate: A Research Proposal

Jasbir Deol

*Kinetics Study of *n,n*-Diisopropyl Carbamoylchloride*

Victor DeBarros, II

Panel 2: Cannon Hall 110

Moderator: Alban Urbanas

Assessor: Richard Kashmar

A Study into the Infectious Rates of Lyme Disease among Deer Ticks in Delaware
James M. Welsh

Anaplasmosis and its Prevalence in Deer Ticks in the State of Delaware
Asia Addison

Panel 3: Parker Library 208

Moderator: Victor Greto

Assessor: TBD

World War II
Zachary Prescott

The Progressive Era
Amanda Davis

Panel 4: Wells Theater (Slaybaugh Hall 107)

Moderator: Jessica James

Assessor: Elizabeth Siemanowski

The Variations of Stalking Legislation
Taylor Elizabeth Trapp

A Case Study of Domestic Violence: Implications for Psychology and the Law
Tenaj Moody

Panel 5: Slaybaugh Hall 104

Moderator: Rebecca Benson

Assessor: TBD

The Effects of Riparian Buffers on Water Quality
David Payne

Microbial Biofilm Disinfectant Study: Contact Lenses
Angela M. Clemmons

Musical Performances: Session II

2:25 – 3:05

Chapel

Moderator: Jonathan Kidd

College Choir
James Wilson, Conductor

Wesley College Gospel Choir
Karla Jones, Conductor

Oral Presentations: Session II
2:25-3:05

Panel 1: Cannon Hall 7
Moderator: William Kroen
Assessor: Jill Cole

The Effects of Science in the Religiosity of Students
Rachel E. Hausler

Proving Bolzano-Weierstrass Theorem and Convergence of Special Sequences
Brittany N Kowalewski

Panel 2: Cannon Hall 110
Moderator: Alban Urbanas
Assessor: TBD

Esquivel's Reincarnation of Shakespeare
Terrance Olivo

Where Hip Hop and America Clash
Lance Toomer

Panel 3: Parker Library 208
Moderator: Victor Greto
Assessor: TBD

Icelandic Music Culture
Alex Dello Buono

The Impact of the Gaelic Revival Movement on Modern Irish Culture
Nia Fortier and Nicole Fortier

Panel 4: Wells Theater (Slaybaugh Hall 107)
Moderator: Jessica James
Assessor: TBD

United States Influence on Syrian Civil War
Kira Tieman

From Geronimo Pratt to H. Rap Brown
Terrance Wingate

Panel 5: Slaybaugh Hall 104
Moderator: Rebecca Benson
Assessor: Elaine Guertler

How the Tablet Industry is Changing Business and Society
Devan Bartell, Michael Chiedi, Hannah Martin, and Anthony Tagliaferro

A Look Into Creating a Wesley College App for Smartphones
Karen Wearden and Sean Hopkins

Poster Presentations Session II

2:25-3:05 p.m.

College Center Lobby

Empowerment: Self-advocacy in the Management of a Cancer Diagnosis
Andrea Forsyth

College Students and “Grit”: An Investigation of the Relationships Among Impulsivity, Academic Self-Efficacy, Efficacy for Self-Regulated Learning, and Mindsets
Chris Fucetola

The Impact of Chronic Pain on Family Dynamics
Rebecca Martin

#Save The Wetlands
Brandon Reynolds and Christopher Gendreau

“I Control My Own Destiny”: An Analysis of Professionalism Levels of College Students in Relation to Self- Control and Self- Regulation Levels
Janel McCray

Child Life Development
Brenda Hollingsworth, Danielle Tearl, Beth Mooshegian, Megan Aiello, and Madison Saunders

A Comparison of the Rates of Solvolysis of 3-Chloropropyl Chloroformate at 25.0 Celsius and 32.0 Celsius
Ross Beauchamp

The Effect of Hunting on Population Dynamics of Delaware Wild Turkeys
Ashley Harmon

Analysis of 3-Chloropropyl Chloroformate in Methanol, EtOH-TFE, TFE, and HFIP Mixtures
Maryeah T. Pavey

Wesley College Efforts During National Chemistry Week
Kyle Gillespie

Enzymology
Wendi Clark

Bioremediation and Biodegradation
Tabitha Lambert

Lipid Profiling: An Important Test In Medicine
Jasbir Deol

Identification of Escherichia coli Strains Derived from the St. Jones River
Brett M. Sansbury

The Benefits of Sponsorship; Who Reaps More the Sponsor or the Organization?
Jasmine L. Belcher

Disseminating STEM Student Research Outcomes on Dynamic Webpages
Catherine Gross

Solvolytic Studies of Cyclohexyl Chloroformate
Laura Malinowski and Catherine Gross

Is Sea-level Rise Reflected in the Annual Rings of Marsh Fringing Trees?
Brooke Thompson

Studying Brewer's Yeast Metabolism Using BioLog
Gabriel Alejandro Fernandez Bueno

Jeffrey MacDonald: Guilty or Innocent?
Rachel Kurtz

Origins of Life: Experiments in Molecular Self-Replication and Directed Evolution
Karri-Jo E. Walls

Musical Performances: Session III

3:15 – 3:55

Chapel

Moderator: Saharat Pongsree

Whispering

Jana Dean

Composition Recital

Nick Oakley and Kia Smith

Oral Presentations: Session III

3:15-3:55

Panel 1: Cannon Hall 7

Moderator: Lynn Everett

Assessor: Marcia Lawton

BMI, Impedance and Caliper Test for Comparison of Body Fat

Catherine Gross

Solvolysis of Diallylcarbamyl Chloride

Kyle Gillespie

Panel 2: Cannon Hall 110

Moderator: Paul Olsen

Assessor: Pat Sherblom

Kinetics of Yeast in Beer

Maryeah T. Pavey

The Distribution of the Lone Star Tick, Amblyoma americanum, and the Disease Human Monocytic Ehrlichiosis in the State of Delaware

Amber Wiltbank

Panel 3: Parker Library 208

Moderator: Julie Fisher

Assessor: TBD

California Bay Country

Samantha Mahoski and Kourtney Lake

Broad to Haight : A Students Guide from East to West but Nothing in Between!
Frederic Sotnick and Julian Borris

Panel 4: Wells Theater (Slaybaugh Hall 107)
Moderator: Colleen Di Raddo
Assessor: Elizabeth Siemanowski

Writing Codes for Computer Assisted Instruction
Riza C. Bautista

The Collaboration Between Media Arts and the New First Year Seminar
Danielle Reid, Jennifer Holland, Dylan Cochran and Derrick Schleich

Panel 5: Slaybaugh Hall 104
Moderator: Frank Fiedler
Assessor: Angela D'Antonio

Cincinnati v. Mapplethorpe
Isnara St. Phard

Hip-Hop on Trial: The case against Lil Kim
Tamisha Thomas

<p><u>Oral Presentations: Session IV</u> 4:05-4:45</p>
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Panel 1: Cannon Hall 7
Moderator: Lynn Everett
Assessor: Marcia Lawton

The Whetstone Goes Multimedia: How Multimedia Packages are Conceived and Produced for the Web
Brian Baker and Warren Gross

It's Elementary, My Dear Watson: Unraveling the Mystery of Thesis Statements in Peer Tutoring
Erin Bifferato

Panel 2: Cannon Hall 110
Moderator: Paul Olsen
Assessor: Pat Sherblom

Making the grey fox, weasel, and skunk a game species in Delaware
Alex Niezgoda

Changes in Sea Level Rise and how they affect Riparian Buffer Zones in the Broadkill Watershed
Kyle Frame

Panel 3: Parker Library 208

Moderator: Julie Fisher

Assessor: TBD

1920s: Prosperity and Panic

Caitlin Chaney

Sicily Diversity Background

Valarie Shorter

Panel 4: Wells Theater (Slaybaugh Hall 107)

Moderator: Colleen Di Raddo

Assessor: TBD

Asthma in College Students: Coping & Compliance

Taylor R. Harvey

The Relationship between Facility-Related Factors and Client Performance

Charlesha A. Harris

Panel 5: Slaybaugh Hall 104

Moderator: Frank Fiedler

Assessor: Angela D'Antonio

Madness in Me: The Insanity of John du Pont the Wealthiest Murder Defendant

John Jackson

The Story of Amy Grossberg and Brian Peterson

Sherleen Sabin

Poster Presentations Session IV

4:05-4:45 p.m.

College Center Lobby

Creation of a Smartphone App for Common Pesticides Used in Delaware

Benjamin Barile

Regression: Basic statistical tool in chemometrics

Jasbir Deol

Hypoxia Induced Metabolic Changes in Cancer Cells
Catherine Gross

Importance of Carotenoids, Anthocyanin and Vitamins to the Human Body
Doris Kwame

Medical and Ethical Implications of Inexpensive Genome Sequencing
Maryeah T. Pavey

Beta Carotene & Anthocyanin: A Biochemical Analysis for the Consumer
Victor DeBarros, II

Proving Bolzano-Weierstrass Theorem and Convergence of Special Sequences
Brittany N. Kowalewski

Writing Codes for Computer Assisted Instruction
Riza Bautista

The Effects of Diet, Exercise, Stress and Genetics on Aging
Rachel Hausler

The Economics of Microarrays
Thoria Custis

Centralized Database for Chloro- and Fluoro-formate Esters
Gabriel Alejandro Fernandez Bueno

The Positive and Negative Aspects of Food Additives
James M. Welsh

Treatment of Triple-Breast Cancer (TNBC): The interplay of Cancer, Chemotherapy and DNA Repair
Angela Clemmons

Understanding reaction pathways of agrochemical precursors
Brett M. Sansbury and Tabitha Lambert

Carbohydrate Metabolism
Brett M. Sansbury

Meningitis Around Your Campus
Cierra Brown, Chelsie Rogers, Fritz Corneille, Quiana Nixon, Glenn Patrick Aruta, Ruth Ann Elston and Ashten Bodofsky

The Relationship Between Impervious Surfaces, Urban Runoff, and Freshwater Discharge - A Case Study of Dover, DE
Zakary Fisch

Correlation of BMI to Gender, Lifestyle Factors and Behaviors Of College Students
Karri-Jo E. Walls

Biochemical Process of Major Diseases
Mouad Bekka

HIV Awareness and Prevention in the Nigerian Community in Delaware
Justina Okereh

A Calculus Based Approach to Estimate the Volume of Asteroids
Kasey Thompson

Wildcat Landfill
Becara Dalton

Reception in honor of all Scholars Day student participants

5:00-6:00

College Center 206

Members: Wesley College Choir

Emily Bentz Valerie Bucior
Natalie Bradley Yasmine Johnson
Julianne Morris Erika Plez
Marissa Richardson Teledalase Ogundipe
Emily Temple Victoria Stayton
Elizabeth Hazlett Beverly Joy Gordy-Stith
Jelynn Frisby

Members: Wesley College Symphonic Band

Crystal Meredith Jason Kennedy
Aubrey Krabill Nicholas Oakley
Victoria Stayton José Santana
Esmeralda Elsakahawy Leah Lowery
Alainna-Caitlyn Earl Valarie Shorter
Kylie Liberty Eugene Nelson Jr.
Amber Wiltbank Alec Alicea-Rivera
Rebecca Kolenkiewicz

Members: Wesley Jazz Band

Kylie Liberty Eugene Nelson Jr.
Alec Alicea-Rivera Duane Wade
Alyssa Moat Jason Kennedy
Marissa Richardson Nicholas Oakley
Esmeralda Elsakahawy

Members: Wesley Gospel Choir

Shaylynn Bivens JaiRonna Boskett
Cory Brown Aniah Cole
Shelby Cowans Essenam Danku
Ruben Desane Leah Eubanks-Matress
Devante Ford Jelynn Frisby
Elizabeth Hazlett Jessica Holder
Destiny Hollis Natasha Hurditt
Thearne Minick Muriel Murray
Jabresha Nelson Francis Quartey
Amanda Reed Althema Richardson
Alyssa Smith Briana Smith
Andrea Stern Shantae Taylor
Natasha Warnock

Photographers

Rebeccah L Clifton	Shanae B Higgenbotham	Cheyenne D Lazarus	Briana Matthews
Jasmine R.Oden	Khadijah R. Sanders	Kennard A. Squirrel	Rebecca K. Tham
Charles J. Tyson	John W. Wolgamot		

Mentors

Barbara Abbott	Susan Bobby	Brian Cass	Kathleen Curran
Angela D'Antonio	Malcolm D'Souza	Linda De Roche	Charlisa Edelin
Lynn Everett	Frank Fiedler	Susanne Fox	Frank Gregory
Victor Greto	Tery Griffin	Kathleen Jacobs	Jessica James
Karla Jones	Jonathan Kidd	William Kroen	David Laganella
Fairuz Lutz	Cynthia Newton	Agashi Nwogbaga	Karen Panunto
Jessica Pilewski	Britannia Redington	Nancy Rubino	Elizabeth Siemanowski
Diane Stetina	Stephanie Stotts	Judith Strasser	Yu Tian
Alban Urbanas	Derald Wentzien	James Wilson	

Moderators

Jessica James	Rebecca Benson	Victor Greto	Lynn Everett
Bill Kroen	Julie Fisher	Paul Olsen	Alban Urbanas
Jonathan Kidd	Agashi Nwogbaga	Frank Fiedler	Colleen Di Raddo
Saharat Pongsree			

Assessors

Jill Cole	Marcia Lawton	Pat Sherblom	Elizabeth Siemanowski
Richard Kashmar	Elaine Guertler	Angela D'Antonio	

Volunteers

Edmund Baysah	Alexis Branca	Bianca Walkes	Darrylyn Wilson
Ashley Calandra	Cara Baldrige	Ravyn Johnson	Kayla Hodges
Shiela Mathis	Heather Bush	Fedelina Paul	Ashley Hudson
Regine Walley	Markita Jones	Oliver Korngor	Sam Lyon Kelly
Ade Ricky Cole	Molly Johnson	Myla Lyles	Ahjee Davis
Matilda Avvey	Katelyn Millar	Rose Bondoe	Brittani Moss
Jasmine White	Cordon Whaley	Jennifer Dieudonne	

Special Thanks

Jessica Cook	Malcolm D'Souza	Patricia Dwyer	Anh Gibson
April Mahoney	Louise Major	Kris McGlothin	Matt Montgomery
Emily Woods	Kira Tieman and the SGA		

Scholars Day Committee

Valerie Perez	Elizabeth Marchioni	Kraiwinee Bunyaratavej	Kathleen Curran
Jerry Mench	Derald Wentzien		



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