Mentors
Bruce Allison
Kraiwinee Bunyaratavej
Kathleen Curran
Linda DeRoche
Malcolm D'Souza
Lynn Everett
Frank Fiedler
Susanne Fox
Jeffrey Gibson
Victor Greto
Jessica James
David Laganella
Lynn Lofthouse
Joseph Mullan
Agashi Nwogbaga
Nancy Rubino
Derald Wentzien
Ying Zhang

Scholars Day Committee
Susan Bobby
Angela D’Antonio
Lynn Everett
Frank Fiedler
Tery Griffin
Ying Zhang

Moderators & Assessors
Jack Barnhardt
Jill Cole
Colleen Di Raddo
Julie Fisher
Frank Gregory
Victor Greto
Jessica James
Richard Kashmar
William Kroen
David Laganella
Marcia Lawton
Lynn Lofthouse

Special Thanks
Patricia Dwyer
Tanner Polce and the SGA

Scholars Day
Wesley College
Dover, DE

April 13, 2011
Schedule of Events

1:00 – 1:15
Welcome & Opening Remarks
Dr. Patricia Dwyer
Vice President for Academic Affairs of Wesley College

1:20 – 2:00
Performances: Session I

2:05 – 2:45
Oral Presentations: Session II
Poster Presentations & Photography Display

2:50 – 3:30
Oral Presentations: Session III

3:35 – 4:15
Oral Presentations: Session IV

4:15
Reception & Ceremony

Oral Presentations and Performances in Wells Auditorium & Kresge Auditorium (Cannon 7)
Poster Presentations & Photography Display in College Center Lobby & DuPont Gallery
Reception & Ceremony in College Center 206

Oral Presentations: Session IV
3:35 – 4:15

Panel 1: Wells Auditorium
Moderator: Jessica James

Amazing Contributions of Women in Mathematics
Azure Johnson and Jessica Curry-Keith

African American Stereotypes
Chardiney Wood

Disregarded, Degraded, and Disrespected: How Racism Worsened in the Northeastern United States from the 1950s into the early 1970s
Jim Dorton

Panel 2: Kresge Auditorium
Moderator: Lynn Lofthouse

Abortion & Its Effects on the American Home
Victoria Hall

A Canadian at War: The Wartime Exploits of Chancy Morey, Royal Canadian Air Force
Eric Czerwinski

Expatriate Philosophy in The Sun Also Rises
Nicholas Hancock
Oral Presentations: Session III
2:50 – 3:30

Panel 1: Wells Auditorium
Moderator: Victor Greto

Style or Substance? How the Technical Evolution of Special Effects in Film has Impacted American Moviegoing Culture
Chris Agar

Importance of Mathematics in Entertainment
Ben Barile and Marquese Proctor

Panel 2: Kresge Auditorium
Moderator: William Kroen

Export Efficiency Comparisons: A Country Level Analysis
Chelsea Pratt, Songphon Kannasut, Abdu James, Paola Garces, Christopher Donisi, and Travis Vogl

Foreign Direct Investment Determinants: The case of the United States and China
Evan Day, William Sutton, Daniel Canova, and Ashley Murphy

Performances: Session I
1:20 – 2:00

Wells Auditorium
Moderator: David Laganella

Contemporary Music Ensemble
David Laganella

Wesley College Choir
James Wilson, Conductor

The Rehearsal Process
Nicholas Hancock

Oral Presentations: Session II
2:05 – 2:45

Panel 1: Wells Auditorium
Moderator: Jack Barnhardt

Reporting on College Statistics
Kim Manahan

Cultural Metaphor: America as a Schoolyard Bully / America as a Farmer
Daniel Canova and Chris Hall

Panel 2: Kresge Auditorium
Moderator: Julie Fisher

First Friday Marketing Campaign
Garrett Kaczmarczyk, Stephanie Bailey, and Mary Ellen Wood

Healthcare and the Internet
Christina Schafer and Erika Tanase
College Center Lobby & DuPont Gallery
Poster Presentations & Photography Display

**Poster Presentations**

*Students’ Perceived vs. Actual Grade in MA099*
Carlé Ax

*Predicting Success with Math Diagnostic Test*
Carlé Ax and Steven Cook

*Student’s View on How to Achieve Academic Success*
Ashley Russell & Charles Bode

*The Effects of Surrounding Land Use on Water Quality of the Choptank River, Maryland*
Rachel Bozarth

*A Linear Program That Will Schedule Employees More Efficiently*
Melissa Earley

*Chloroformates in Daily Life*
Gabriel Fernandez and James Welsh

*Database of Common Pesticides and Fertilizers in Delaware*
Aaron Givens

*Discriminant Analysis of Factors in Wesley College Students’ Graduation Success*
Abdul Hameed

*A Geospatial Analysis of the Impact of Landuse On Potential Loadings of Nonpoint Source Pollutants to Surface Waters*
Taylor Hendricks

*Kids in Chemistry*
Laura Hinkle

*Understanding Solvent Effects of sp-hybridized Chloroformate Esters*
Jaci Knapp

*Which high school math curriculum is more effective in preparing students for college level math courses?*
Keven Lion and Nicholas Cimino

*Italia*
Alexander Lopuchin and Courtney Davison

*Correlation of the rates of solvolysis of vinyl chloroformate*
Peter Lorchak

*Insights into the solvolytic mechanism of alkyl thioesters*
Brian Mahon

*Understanding Reaction Mechanism of 1-Chloroethyl Chloroformate*
Matthew McAneny

*The Modeling of Credit Card Charge-Off*
Patrick McCoy

*Determining Whether Math Pretests can Forecast the Future*
Adam McGuire, Patrick McCoy, and Erich Gillespie

*A Modeling Approach to Evaluate the Effectiveness of Agricultural Best Management Practices*
Greg McKee

*Solvolysis*
Annie O’Connor and Ashley Harmon

*Effects of Varying Landuse on Macroinvertebrate Diversity in Freshwater Streams*
Kristopher Roeske

*In Search of Traditional Irish Music*
Amanda Sanchez and Tiffany Furtak

*Reanalyzing the Solvolysis of 2,2,2-Trichloroethyl-dimethyl-chloroformate*
Brandon Sandosky

*Using GIS to Select Wind Farm Sites*
Melissa Savin

*Stabilizing Neonates: The Need For More Effective Pain Management in Neonatal Intensive Care Units*
Julias Vekasy

**Photography Display**

CJ Bacote, Aaron Benson, Chloe Dawson, Antonio Gary, Abby Hill, Amanda Horkey, Alissa Kolanko, Jonathan Salacuse, and Megan Watson