

The 11<sup>th</sup> Annual  
Moravian College  
Student Scholarship and Creative Endeavors  
Day

April 20, 2016

This year, 103 students, representing 31 different areas of study, are participating in the 2016 Scholars Day activities. Congratulations to these student scholars for all of their accomplishments, and many thanks to their 41 faculty sponsors. Since the inception of this event 11 years ago, 709 students have shared their scholarly accomplishments with the Moravian College community.

# The 11<sup>th</sup> Annual Moravian College Undergraduate Student Scholarship and Creative Endeavors Day April 20, 2016

## Schedule of Events

8:45 a.m.	Welcome and Opening Remarks <i>SNYDER - Hauptert Union Building</i>
8:55 a.m. – 10:10 a.m.	Session I: Snyder, Student Oral Presentations Session I: UBC, Student Oral Presentations
10:20 a.m. – 11:35 a.m.	Session II: Snyder, Student Oral Presentations Session II: UBC, Student Oral Presentations
11:45 a.m. – 12:45 p.m.	Student Poster Presentations I <i>Hauptert Union Building, Gallery</i>
12:05 p.m. – 12:50 p.m.	Session III: Snyder, Student Oral Presentations
1:10 p.m. – 2:25 p.m.	Session IV: Snyder, Student Oral Presentations Session IV: UBC, Student Oral Presentations
2:35 p.m. – 4:10 p.m.	Session V: Snyder, Student Oral Presentations Session V: UBC, Student Oral Presentations
4:00 p.m. – 5:00 p.m.	Student Poster Presentations II <i>Hauptert Union Building, Gallery</i>
12:00 p.m. – 4:00 p.m.	Senior Art Exhibits, <i>Payne Art Gallery – South Campus</i>
4:00 p.m.	Reception (All Welcome), <i>Hauptert Union Building, Fireplace Lounge Area</i>

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# SESSION III

## **Oral Presentations**

**Session III Snyder: Moderator – Dr. Michael Bertucci**

**SNYDER ROOM**

12:05 PM

Sabrina Signorelli

Art Education &  
Graphic Design

# SESSION V

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## Oral Presentations

**Session V**



**4:00 PM - 5:00 PM**  
**Poster Presentations II**

**H**



**12:00 PM- 4:00 PM**  
**Senior Art Exhibits**  
**Payne Art Gallery - South Campus**

Students	Advisor
Karli Franiak <i>Senior Show Art Showing</i>	Camille Murphy
Stephanie Dengler <i>Ag + You</i>	Camille Murphy
Rebecca Zabel <i>Mountain Travel App Design</i>	Camille Murphy
Gigi Dasilva	Angela Fraleigh

## Acknowledgements

The 11<sup>th</sup> Annual Moravian College Student Scholarship and Creative Endeavors Day would not have been possible without the commitment of many people at Moravian College.

In addition to all of the participating students and faculty listed in this program and all other faculty and students who collaborated on research projects this year, we would like to acknowledge the contributions of the following individuals and offices:

The Rokke Endowment for Student Research and The SOAR Program

President Grigsby and the President's Office

Center for Career and Civic Engagement

Moravian College Honors Program

The HUB Management Staff

Jan Ciganick, Art Department

Food Services and Facilities Management

Student Oral Presentations I: Snyder Room  
8:55 - 10:15 AM

Moderator: Dr. John Black

**Title:**     **The k-**



**Title:** From Non-Moral Normativity to Moral Normativity

**Students:** Lily DiMattia



**Title:** **Economic Effects of the Clean Power Plan in Pennsylvania**

**Students:** Ross Traphagen, Shannen Mager, Rachelle Antoine, Andrew Null, Abdullah Almgugheer, Ignatios Draklellis

**Advisor:** Dr. John Reynolds

**Location:** HUB UBC Room

10:35 AM









Student Oral Presentations IV: UBC Room  
1:

Student Oral Presentations V: Snyder Room  
2:35 - 3:50 PM

Moderator: Dr. Kelly Denton-Bourhaug

**Title:** **Uncivil Shock**  
**Students:** Joe Nehme, Hazel Swaid  
**Advisor:** Dr. Debra Wetcher-Hendricks  
**Location:** HUB Snyder Room

2:35 PM - 2:50 PM

**Title: John Mackie's Error Theory**

Students: Elainea Horan

Advisor: Dr. Bernie Cantens

Location: HUB Snyder Room

3:20 PM - 3:35 PM

**Title: Teaching Philosophy and Leadership Through Children's Literature and Puppetry:  
Summer Art Camp Partnership with William Penn Elementary School**

Students: Melissa Walko, Renee Liedig

Advisor: Dr. Kristin Baxter

Location: HUB Snyder Room

3:35 PM - 3:50 PM

Student Oral Presentations V: UBC Room



**Title:** **Perspectives on Education in Twentieth-Century African-American Literature**

**Students:** Kayleigh Ficarra, Brianna Gammel, Marne Wigfield

**Advisor:** Dr. Joyce Hinnefeld

**Location:** HUB UBC Room

3:35 PM - 4:10 PM





**Title:** **Monitoring Invasive Plant Species and Interpreting Their Origins Along the Northern Half of the Appalachian Trail**  
**Students:** David Mest  
**Advisor:** Dr. Diane Husic

**Title:** Pesticide Degradation  
**Students:** Kyle Hagerty  
**Advisor:** Dr. Alison Holliday







**Title: Computer Interfacing of a Granular Material Experiment**

Students:



**Title:**           **The Neuroprotective Potential of Intranasal DNSP-11 in an Intrastriatal 6-Hydroxydopamine Rat Model: A Behavior and Cellular Study**

Students:       Mary Spencer

Advisor:        Dr. Cecilia Fox

**Title:**       **Phenol Extraction**  
Students:     Adam Struss  
Advisor:      Dr. Alison Holliday



Senior Art Exhibits  
12:00 PM – 4:00 PM  
Payne Gallery – South Campus

**Title:** Senior Show Art Showing

Students: Karli Franiak

Advisor: Camille Murphy

Location: Payne Art Gallery - South Campus

12:00 PM - 4:00 PM







SOAR Grant Recipients  
Summer 2015







*How skeletal markers can tell us about diseases and urbanization in Medieval England*

Paige Malewski, Paleopathology

Drs. Sandy Bardsley and Diane Husic

*The Role of Romantic Nationalism in the Integration of Bethlehem into American Culture as Documented by Landscape Painter Gustavus Grunewald*

Emily Marchello, Art History

Dr. Kristin Baxter

*Determination of Heavy Metal Uptake by Forb Plants in the Lehigh Gap Wildlife Refuge Remediation Areas*

Laura McBride, Chemistry/Environmental Science

Dr. Diane Husic

*Inequality and its Impact on Financial Crises*

Perry Mindo, Economics

Dr. Sabrina



