

4-26-2015

# ASPIRE 2015 Program

Bridgewater College

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**ASPIRE**

*A Celebration*

*of the*

**ARTS, SCHOLARSHIP, PERFORMANCE,  
INNOVATION & RESEARCH EXCELLENCE**



*Sunday, April 26 - Monday, May 4, 2015*

**BRIDGEWATER COLLEGE**

Bridgewater, Virginia

# Letter from the President

April 2015

Welcome to the first annual ASPIRE Program, a week-long celebration of student and faculty scholarship, creativity and artistic excellence! As you can see from the schedule of exhibitions, presentations and performances, our students and faculty are engaged in scholarly work across the disciplines. And ASPIRE is our way of showcasing and celebrating all of this activity.

Commitment to the liberal arts at Bridgewater College means more than just a diverse curriculum. It means a commitment to the very best in the teacher-scholar model for our faculty, who maintain their excellence in the classroom by continuing to engage their disciplines in scholarly work outside of the classroom. And they model this intellectual curiosity for students: as mentors and colleagues our faculty invite students to engage in that work as well—resulting in the exceptional quality and diversity of activity on display this week.

There exists a depth and breadth of engagement with research, creative endeavors and scholarly work here at Bridgewater that will continue to blossom. I am eager to see what ASPIRE might look like in the years ahead! For now, I hope you are able to participate in many of this week's activities, and celebrate the accomplishments of our students and faculty on display all around us!

Sincerely,



David W. Bushman, Ph.D.  
President

# Schedule Overview

## Sunday, April 26

3 P.M.	COLE HALL	SYMPHONIC BAND CONCERT*
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## Tuesday, April 28

9:30 A.M.	COLE HALL	RESEARCH CONVOCATION I* <i>Sponsored by Alpha Chi</i>
9:30 A.M.	BOITNOTT ROOM	CULTURAL STUDIES PANEL*
9:30 A.M.	MCKINNEY 100	WORLD LANGUAGES AND CULTURES PANEL I*

## Wednesday, April 29

5-7 P.M.	BOITNOTT ROOM	BC STUDENT SCHOLARSHIP SHOWCASE*
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## Thursday, April 30

9:30 A.M.	COLE HALL	RESEARCH CONVOCATION II* <i>Sponsored by Alpha Chi</i>
9:30 A.M.	MCKINNEY 100	WORLD LANGUAGES AND CULTURES PANEL II*
6-8 P.M.	BOITNOTT ROOM	COMMUNICATION STUDIES SENIOR POSTER SESSION*

## Friday, May 1

1-4:30 P.M.	BOITNOTT ROOM	BC FACULTY SCHOLARSHIP SHOWCASE
7:30 P.M.	CARTER CENTER	CHOIR CONCERT*

## Monday, May 4

5-8 P.M.	VARIOUS LOCATIONS	SENIOR ART THESIS EXHIBITION OPENING
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# Schedule

Sunday, April 26

## SYMPHONIC BAND CONCERT\* 3 P.M., COLE HALL

Transcriptions for Wind Band

*Dr. Christine Carrillo, director*

Tuesday, April 28

## RESEARCH CONVOCATION I\* 9:30 A.M., COLE HALL

*Sponsored by Alpha Chi*

### Oral Presentations

<i>Presenter(s)</i>	<i>Title</i>	<i>Department</i>	<i>Faculty Mentor</i>
Sean Bright	Burke's Indian Fear	History and Political Science	Dr. Brandon Marsh
Charlotte McIntyre	Institutionalizing Childhood: Child Labor and Its Reform in Victorian England	History and Political Science	Dr. Brandon Marsh
Amy Reagan	Gender and African Politics: Have Women Reached Equality?	History and Political Science	Dr. Jamie Frueh

## CULTURAL STUDIES PANEL\* 9:30 A.M., BOITNOTT ROOM

<i>Presenter(s)</i>	<i>Title</i>
Melissa Miller	"A Horse is a Horse, Of Course"?: Diversity & Equine Assisted Therapy
Aislinn Mirsch	Seven Days of Saving: Looking at Volunteer Tourism Ads
Maggie Reeger	When Charity Helps, When Charity Hurts: The Hidden Damage Caused by Handouts
Holly Sprouse	Criminality & the Cooptation of Deviance: A Synthesis of Labeling Theory & Critical Theory
Nate Stephenson	Homebuilding

## WORLD LANGUAGES AND CULTURES PANEL I\*

9:30 A.M., MCKINNEY 100

Topic: *Sans papiers* in France: Illegal Immigration as Seen through  
Film and Cultural Studies with Dr. Christopher James

### Presenter(s)

Dominique Cork

Kayla Kazmar

Ashley Linville

Jackie McCabe

Miesca McFarland

Katilyn Shull

Wednesday, April 29

## BC STUDENT SCHOLARSHIP SHOWCASE\*

5-7 P.M., BOITNOTT ROOM

Presenting 5-6 p.m.

Presenter(s)	Title	Department	Faculty Mentor
Jonathan Britts, Emily Hulse and Kevin Morris	Valley Brethren-Mennonite Heritage Center	Economics and Business Administration	Dr. Maria Lugo
Caroline E. Miller and Elijah R. Tackett	Marketing Plan for DePaul Community Resources	Economics and Business Administration	Dr. Maria Lugo
Richard K. Paz, Taylor B. Doggett and Steven C. Weaver	Marketing Plan for Eddie Edwards Signs Inc.	Economics and Business Administration	Dr. Maria Lugo
Ibrahim Y. AbuNada	An Update to Diversity Space and an Examination of its Utility for Library Optimization after a High-Throughput Screen	Chemistry	Dr. Sara Fitzgerald
Abigail Cromer	Auditory Learning by Quail Embryos in the Days Prior to Hatching	Psychology	Dr. Hunter Honeycutt
Mitchell Gigandet, Cassandra Weekly and Laura Vannoy	The Effects of Simulated Acid Rain on Grasslands, Using Zea Mays as a Proxy Plant	Biology	Dr. Kimberly Bolyard
Katelyn Hensley and Claudia Campos	The Effects of Background Television on Child Development	Health and Human Sciences	Dr. Donna Hoskins

# Schedule

Curtis Hughes, Andrew Buss, Taylor Riley, Ben Lewis and Damien Reed	Alcohol Consumption: Student Athletes vs. Non-Student Athletes	Economics and Business Administration	Dr. Lou Pugliese
Amber Robson and Amanda Lutz	The Effects on Child Maltreatment in Emerging Adulthood	Health and Human Sciences	Dr. Donna Hoskins
Jacqueline McCabe	The Effect of Vitamin D on Weight Gain and Blood Glucose Levels in Type II Diabetic Mice	Biology	Dr. Tracy Deem
Miesca A. McFarland	Investigating the Influence of Lithium Intercalation on Dispersive Electron Mobility Kinetics in Dye-Sensitized Solar Cells	Chemistry	Dr. Ian McNeil

## Presenting 6-7 p.m.

<i>Presenter(s)</i>	<i>Title</i>	<i>Department</i>	<i>Faculty Mentor</i>
Matthew Hunter and Albani Childs	Revitalization of RBT Marketing	Economics and Business Administration	Dr. Maria Lugo
Tylden Mosby, Paul Miniaci and Alec Utter	Strategic Marketing Plan	Economics and Business Administration	Dr. Maria Lugo
Christine Robbins, Taylor Riley and Ben Lewis	Strategic Marketing Plan: Habitat for Humanity	Economics and Business Administration	Dr. Maria Lugo
Carrie L. Carter	Synthesis of Symmetric and Asymmetric Porphyrins	Chemistry	Dr. Ellen Mitchell
Alayna Flory	Ambivalent Sexism on Bridgewater College's Campus	Sociology	Dr. Timothy Brazill
Ashley Hartman	Complexes of LL-37 and Bacterial DNA or Self-DNA Have Varying Effects on Endothelial Cell ICAM-1 Expression	Biology	Dr. Tracy Deem
Kelly Hughes	Student Academic Progress Assignment (SAPA)	Education	Dr. Jennie Carr
Lacy J. Clark, Haley K. Lloyd and Matthew P. Xavier	Variation of Sex Ratio in <i>Orconectes limosus</i> Determined by water Depth in Dry River	Biology	Dr. Kimberly Bolyard
McKenzie May and Melanie Kramer	Violence Among Impoverished Youth: Examining the Associations Between Socioeconomic Status and Risky Behavior	Health and Human Sciences	Dr. Donna Hoskins

Makenzie McDonald	Prenatal Auditory Learning and Behavioral Arousal in Bobwhite Quail Embryos	Psychology	Dr. Hunter Honeycutt
Whitney Miklos	Attitudes towards Parenting and Gender Socialization	Sociology	Dr. Timothy Brazill
Tayseer O'Brien	Carotid Pulse Detection and Signal Enhancement in a Biometric Identification System	Mathematics and Computer Science	Dr. Eric McGregor
Samantha Saylor	Mechanism for Malaria: A Look into the Possible Involvement of Innate Immune Cells	Biology	Dr. Tracy Deem
Nick Whitelock, Chris Lasam, Caitlyn Kitts and Nathalie McCann	Drug and Alcohol Use at Bridgewater	Economics and Business Administration	Dr. Lou Pugliese
Darren Yoder	Explaining Wins in Major League Baseball	Economics and Business Administration	Dr. Karie Barbour and Dr. David Huffman
Jon Isaacs and Darren Yoder	Augusta County Library Marketing Plan	Economics and Business Administration	Dr. Maria Lugo
Renee Eshenauer, Brittanie Atkinson, Matthew Padgett and Scott Keating	Petstetics Business Plan	Economics and Business Administration	Dr. Maria Lugo
Skyler Baldwin and Ryan Stephens	Feasibility Analysis: Valley Aids Network	Economics and Business Administration	Dr. Maria Lugo

## Thursday, April 30

### RESEARCH CONVOCATION II\*

9:30 A.M., COLE HALL

*Sponsored by Alpha Chi*

#### Oral Presentations

<i>Presenter(s)</i>	<i>Title</i>	<i>Department</i>	<i>Faculty Mentor</i>
Whitney Jenkins	Breaking Down Barriers: Building Community and Promoting Health	Health and Human Sciences	Dr. Jill Lassiter
Katelyn Senger	Gender Socialization Impact on Dating Behaviors	Sociology	Dr. Timothy Brazill



## WORLD LANGUAGES AND CULTURES PANEL II\*

9:30 A.M., MCKINNEY 100

———— Topic: Hispanic Masculinities: Issues of Gender and Violence with Dr. Mahan Ellison ————

<i>Presenter(s)</i>	<i>Title</i>
Claudia Campos	Masculinity, Violence, and Soccer in the Venezuelan Film, <i>Hermano</i>
Kasey Memphis	The Portrayal of Masculinity in Advertising
Joshua Noble Pearson	The Power of Hugo Chávez and His Use of the Masculine Image

## COMMUNICATION STUDIES SENIOR POSTER SESSION\*

6-8 P.M., BOITNOTT ROOM

<i>Presenter(s)</i>	<i>Title</i>
Morgan Breeden	Social Bodies: Physical Representation on Instagram
Sarah Burchfield	Mental Health Disclosure on Facebook: The Reasons behind the Post
Holly Daniels	Hitting Delete: How Facebook Affects Maintaining Friendships
Helen Feeser	Building Relationships: Utility Companies and Customer Interaction on Twitter
Georgina Gibson	Do Celebrities Really Have the Upper Hand? A Quantitative Study of the Effective Use of Testimonial Ads
Talaya Heard	Depictions of Race and Romantic Relationships in Tyler Perry and Nicholas Sparks Films
Rianna Hill	Reactions to Ferguson and Twitter: How Social Media Framed the Shooting of Michael Brown
Zachary Mollica	Yakidy Yak, Please Tweet Back?: Daytime vs. Nighttime Online Audience Interaction
Emily Nowak	Independent Radio and Fundraising: The Effects of a Familiar Host
Andrew Peters	A Two-Way Road?: What Auto Makers Tweet and How Consumers Interact
Jessica Reynolds	Power in Numbers: The Portrayal of Groups vs. Individuals on Magazine Covers
Brooke Thacker	Employees Attitudes and Perceptions on Supervisors' Nonverbal Communication
Anna Theisen	Physical Facework: The Influence of Social Media on Everyday Appearance
Melanie Vest	The Effect of Human Gesture on Equine Nonverbal Communication
Kelsey Wakeman	The Effects of Testimonial Mediums on Motivating Consumer Action
Cyndi Wibe	The Effect of Candidate Appearance on Voter Reactions

Friday, May 1

BC FACULTY SCHOLARSHIP SHOWCASE  
1-4:30 P.M., BOITNOTT ROOM

Faculty Presentation Session 1

1-2:30 p.m.

Presenter(s)	Title	Department
Steve Longenecker	Serving Two Kingdoms: A Former Confederate Chaplain, Church, and the Confederate Lost Cause	History and Political Science
Scott Cole	Mike Daisey: Monologues of Engagement	Communication Studies and Theatre
Deva O'Neil	The Effect of Symmetries on the Decay of Higgs-Like Particles	Physics
Amanda Campbell	Integrating Personal and Social Responsibility in Middle School Physical Education: Benefits, Barriers and Strategies	Health and Human Sciences

Faculty Poster Presentation Session

Posters displayed from 1-4:30 p.m., presentations from 2:30-3 p.m.

Presenter(s)	Title	Department
Tracy Deem	Role of IL-3 in Immune Responses to <i>Plasmodium berghei</i> in a Murine Model of Malaria	Biology
Gavin Lawson	Phylogeographic Patterns among the Subspecies of Eastern Newt ( <i>Notophthalmus viridescens</i> ) in South Carolina	Biology
Carmen Moyer	Effects of Exercise Mode on Maternal, Fetal, and Neonatal Health	Health and Human Sciences
Philip Spickler	Computer Algorithm for Analysis of Photoacoustic Spectra	Physics

Faculty Presentation Session 2

3-4:30 p.m.

Presenter(s)	Title	Department
Verne Leininger	Order 2 Pluperfect Digital Invariants and a Quadratic Diophantine Equation	Mathematics & Computer Science
Stan Galloway	The Landscape of Exile in the Poetry of Dennis Brutus and Arthur Nortje	English
Robert Hammill	Neuromuscular Adaptation to Exercise-Induced Muscle Soreness	Health & Human Sciences
Timothy Brazill	Prisoner Reentry and Local Collaborative Councils: Problems and Prospects	Sociology

CHOIR CONCERT\*  
7:30 P.M., CARTER CENTER

————— The Winter is Past: Songs of Departure and Return —————  
*Dr. John McCarty, director*

Monday, May 4 —————

SENIOR ART THESIS EXHIBITION OPENING  
5-8 P.M.

————— Each art major will give a gallery talk for 10 minutes —————  
on the night her senior thesis exhibition opens

<i>Time</i>	<i>Artist</i>	<i>Title</i>	<i>Location</i>
5 p.m.	Patricia Ajavon	Clay is Not Dirt	Alexander Mack Library, Miller Gallery
5:30 p.m	Larissa Gallaher	Up for Air	Alexander Mack Library, Miller Gallery
6 p.m.	Kaylyn Jennings	Counterbalance	Alexander Mack Library, Basement
6:30 p.m.	Angelina Marie Wolf	Starving Artist	Cole Hall, Basement (Black Box)
7 p.m.	Ashleigh Pugh	Fish Out of Water	McKinney Center, First Floor

## Bridgewater Campus Community:

It is with great pleasure that we present to you the first annual ASPIRE, our campus celebration of Arts, Scholarship, Performance, Innovation and Research Excellence. In a 2008 meeting, a number of faculty proposed the idea of a campus-wide celebration of the work we do as scholars. With persistence and the support of our president, Dr. Bushman, the celebrations begin. We would like to thank the entire campus—students, staff, administration and faculty—for their support of the ASPIRE week. We hope you will be inspired by the amazing array of scholarly endeavors going on at Bridgewater.

Sincerely,

Research Resource Group  
*Dr. Robyn Puffenbarger, chair*  
*Dr. Karie Barbour*  
*Dr. Timothy Brazill*  
*Ms. Jada Blinn*  
*Dr. Tracy Deem*  
*Dr. Sara Fitzgerald*  
*Dr. Robert Hammill*  
*Dr. Brandon Marsh*  
*Dr. David Reznik*



Bridgewater College has partnered with the U.S. Department of Agriculture to obtain resources to enhance the College's facilities, including the recent addition to and renovation of the College's primary athletic facility. The College is posting the following notice as required by federal law by organizations which benefit from the USDA's funding program:

NOTICE

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at [http://www.ascr.usda.gov/complaint\\_filing\\_cust.html](http://www.ascr.usda.gov/complaint_filing_cust.html), or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at [program.intake@usda.gov](mailto:program.intake@usda.gov).