McMaster Symposium & Academic Colloquium

"THE QUESTION OF INDIVIDUAL LIBERTIES AS CRITICAL TO IMPROVING THE HUMAN CONDITION"

McMaster School for Advancing Humanity

DEFIANCE COLLEGE
April 9-10, 2019
TUESDAY /April 9, 2019

7:00PM - 7:15PM
OPENING REMARKS
Schomburg Auditorium
Dr. Richanne C. Mankey
President

INTRODUCTION - Dr. Ron McMaster

7:15PM - 8:30PM
CULMINATING YEAR FIFTEEN OF THE MCMASTER SCHOOL FOR ADVANCING HUMANITY: A DISCUSSION OF EXPERIENCES, IMPACTS, AND RESULTS

This panel was created to culminate the yearlong celebration of the McMaster School for Advancing Humanity’s YEAR FIFTEEN. During this presentation panelists Ms. Beth Grafing Wilkerson, Dr. Caroline Hesterman and Ms. Katelyn Haydett will talk not only about their experiences as McMaster Scholars, working with communities in Cambodia, Belize and Tanzania, but also how the skills and knowledge they gained have impacted their current career paths. These women collectively have seven years of experience conducting community-based research that had a positive impact on the communities they worked with and themselves. Come and listen to their stories and the influence that the McMaster experience has had on their personal and professional lives. Panelists will be accepting questions from the audience throughout the presentation.

Ms. Elizabeth (Grafing) Wilkerson graduated from Defiance College with a Bachelor of Arts Degree in Accounting and Communication in 2009. She was selected as a McMaster Scholar to Cambodia twice (2005-2006, 2006-2007), where she researched economic development in Cambodia with a focus on marketing in the textile industry. Currently, Ms. Wilkerson is the Digital Marketing Manager for The Andersons where she is responsible for digital marketing strategy, reporting performance metrics, and integrating technologies to enable marketing tactics.

Ms. Katelyn Haydett graduated from Defiance College in 2016 with her Bachelor’s Degree in Molecular Biology and a Minor in Chemistry. She was selected as a three-time McMaster Scholar to Tanzania (2013-2014, 2014-2015, and 2015-2016) where she focused on water testing and community health. After graduation, Ms. Haydett attended Texas Tech University where she received her M.S. in Environmental Toxicology. Currently, Ms. Haydett is a Doctor of Veterinary Medicine candidate at Michigan State University.

Dr. Caroline Hesterman graduated from Defiance College with a Bachelor of Science in Psychology in 2015. She was selected as a McMaster Scholar to Belize twice (2013-2014, 2014-2015) with projects centering on self-esteem, attitudes about healthcare and early breast cancer detection. In May of 2018, Dr. Hesterman graduated from Huntington University where she earned her doctorate in occupational therapy. Dr. Hesterman currently resides in Florida, where she is working as an occupational therapist in a pediatric clinic.

WEDNESDAY /April 10, 2019

8:00AM
OPENING REMARKS
Schomburg Auditorium
Dr. Agnes Caldwell, Vice President for Academic Affairs and Academic Dean

8:15AM - 8:50AM
MCMASTER LOCAL LEARNING COMMUNITY INDEPENDENCE EDUCATION CENTER
Schomburg Auditorium
Dr. Carla Higgins, Fellow
Dr. Clarissa Barnes, Associate Fellow Scholars - Robyn Boyd*, Emily Culler, Olivia Fett, Jessica Mello

The McMaster Local - IEC Learning Community will describe the community-based research projects that they have been implementing at the Independence Education Center. This presentation will evidence the valuable and exciting work that this local McMaster initiative has accomplished, and it will provide the audience with strong evidence that the McMaster model works effectively in a local context.

WHEN DISASTER STRIKES...WHAT HAPPENS NEXT?...HOW LONG DOES IT TAKE TO REBUILD?
Buchman Board Room
Presented by: Natalie Ferguson-Schuerman, Malia Ferry*, Henna Frank*, Jordan Furko*, Jenny Holbrooks, Jason Santora, Cory Sidle*, Allison White*, Jordan Williams, Ms. Mary Burkholder, Mr. Brad Harsha, Ms. Alicia Kalik - Advisors/Trip Leaders
Defiance College Service Leadership Program

This presentation will focus on the service learning experience that a group of Defiance College Service Leaders embarked on during Spring Break 2019. The Service Leaders worked with the group SBP to help with rebuilding houses and examined what
happens when a natural disaster strikes and how communities near and far come together to help those affected. The trip was coordinated through the United Church of Christ Volunteer in Disaster Recovery program to help those affected by Superstorm Sandy in 2012.

9:00AM - 9:50AM
**MCMASTER LOCAL LEARNING COMMUNITY**
**CITY OF DEFIANCE**
Schomburg Auditorium
Dr. JoAnn Burkhardt, Fellow
Dr. Christopher Cwynar, Associate Fellow

The new McMaster Local – City of Defiance Learning Community will outline their recent work with the Eastside Neighborhood Community to record and tell their stories. The results shared at this presentation will reflect the collaborative efforts of this learning community to raise awareness about the rich historical and cultural character of Defiance's Eastside Neighborhood as well as provide the audience with a concrete example of the implementation of the McMaster School model in a local context.

**THE IMPACT OF THE U.S. CONSTITUTION ON SPORTS THROUGHOUT THE WORLD**
Buchman Board Room
Presented by: Javier Castillo, Samantha Ervin, Nicholas Mesnard, Mackenzie Moehrman, Katherine Settich, Meagan Trimpey
Dr. Timothy Rickabaugh - Faculty Advisor
Natural Science, Applied Science and Mathematics Division

This session will focus on three specific influences of the U.S. Constitution and its subsequent amendments on sports participation, not only for U.S. citizens but for individuals around the world. The first, fourteenth and nineteenth amendments will be discussed during the presentation.

**COLLECTING DIGITAL INFORMATION: A GUIDE FOR VICTIM ADVOCATES**
Cultural Arts Center
Presented by: Anthony Adamic, Kiana Carpenter, Mathan Grubmaer, Jared Guerra
Ms. Pam Weaner, Family Justice Center
Professor Tim Wedge - Faculty Advisor
Natural Science, Applied Science and Mathematics Division

21st century technology has given domestic abusers and stalkers new tools to use against their victims, and new challenges for the legal advocates who try to help them. DCDFS students have developed and tested low and no-cost methods, usable by laypeople, for extracting relevant evidence relating to the illicit use of social media and personal messaging. The resulting manual has been successfully used to provide evidence in court hearings that would otherwise have been absent. This panel will discuss the challenges and benefits of this ongoing project and address the potential for abuse.

**ARE CITIZENS BECOMING LESS CONCERNED ABOUT DEMOCRACY?**
Hubbard Banquet Room
Presented by: Rylea Amspaugh, Blake Newman*, Katarina Wicher, Desiray Zaleski
Dr. Deborah Dalke - Faculty Advisor
Natural Science, Applied Science and Mathematics Division

Since 1981, social scientists have conducted the World Values Survey to study opinions about government, social justice, and human well-being. In some countries, anti-democracy attitudes are becoming more common. Based on these results, a survey was conducted at Defiance College to assess attitudes towards various forms of government, and the characteristics related to pro-democracy opinions. This panel will discuss their research and study on this topic.

**10:00AM - 10:50AM**
**MCMASTER BELIZE LEARNING COMMUNITY**
Schomburg Auditorium
Dean Mary Ann Studer, Fellow
Ms. Rena Rager, Associate Fellow

The McMaster Belize Learning Community will present an overview of the various interdisciplinary community-based research projects that this dynamic team completed during their time in Belize in December 2018. Projects by Scholars, an Associate Fellow, and Fellow will be explored during the presentation as well as project outcomes and ideas for future work. The audience will learn about the positive impact that resulted from the team's collaboration with their Belizean partners.

**HOW DOES SOCIAL MEDIA ENABLE THE VICES?**
Buchman Board Room
Presented by: Xavier Blyden, Sydney Huston, Jonathon Miellke, Spencer Ross, Marquis Tucker and Emmalyn Wooley
Dr. Marian Plant - Faculty Advisor
Arts and Humanities Division

In the presentation, students will describe and discuss the Christian origins of the seven deadly sins and how these have inadvertently shaped the 21st century culture. In other words, how culture has transformed the seven deadly sins into the glittering vices. An example of today’s culture is the use of social media, and how it can negatively affect adolescents and the shaping of their minds. Students will suggest how these glittering vices influence teens’ minds in a postmodern culture.

*denotes member of Carolyn M. Small Honors Program
POLICE BODY CAMERA & PRIVACY ISSUES
Cultural Arts Center
Presented by: Sarah Madaras, Allison White*, Desiray Zaleski
Dr. Sheldon Goodrum, Professor Steve Sondergaard - Faculty Advisors
Natural Science, Applied Science and Mathematics Division

The use of body-worn cameras presents new and unique privacy issues to citizens of the United States. Law enforcement agencies employ the use of these body-worn cameras to document the scene of an incident and to gather potential evidence for both criminal and civil proceedings. Somewhere in the middle may be unintentional consequences of collecting this digital form of evidence. Privacy and ethical issues have emerged regarding the collection, preservation, and use of this type of evidence. The students will share research from peer reviewed articles and law review journals that address this emerging issue of personal privacy versus the needs of our government.

MANDATORY VACCINATION AND GLOBAL HEALTH
Cultural Arts Center
Ms. Stacy Lucas, BN, RN - Director of Nursing, Defiance County General Health District
Dr. Alyson Laframboise - Faculty Advisor
Natural Science, Applied Science, Mathematics Division

The World Health Organization has recognized vaccine hesitancy as one of the top ten risks to global health. There are many reasons why people may be reluctant to vaccinate, but often at the core of this is a basic misunderstanding of how vaccines work. This panel will discuss the science of vaccination, herd-immunity, and general vaccination misconceptions, as well as exploring the possible consequences of mandatory vaccination.

DESIGN MAKES A DIFFERENCE
Women's Commission Art Gallery
Presented by: Cheyanne Bultman, Emily Culler, Corey Davis*
Dr. Rachel Eicher - Faculty Advisor
Business, Education and Social Work Division

Students from various majors present visual solutions reflecting the power of design as a vehicle for social change.

CREATING COLLABORATIVE COMMUNITY PARTNERSHIPS FOR POSITIVE LITERACY EXPERIENCES
Buchman Board Room
Presented by: Cheyanne Bultman, Emily Culler, Corey Davis*
Dr. Rachel Eicher - Faculty Advisor
Business, Education and Social Work Division

Defiance College is engaged with community partners the United Way and the Defiance County Public Library through early literacy initiatives, Storybook Adventure, and Prescription to Read. Storybook Adventure is held on the campus of Defiance College and hosts a children's book author/illustrator in addition to literacy related activities. Storybook Adventure has grown to include an expanded visit timeline for the author to visit area school districts, which allows the author to visit more than 300 children. Prescription to Read provides books to increase interest in reading at a young age. The session will present the structure of the organization and the potential for replication.

PAY IT FORWARD
Buchman Board Room
Presented by: DaJa'Nay Askew*, Jennifer Bechtold, Deanna Bischoff, Madysoin Creighton, Laurie Hockenberry, Jenny Holbrooks, Logan Jones, Jonathon Mielke, Taylor Niese, Kelsey Parker, Raychel Ramos, Savontre Vaughn, Emmalyn Wooley
Professor Alesia Yakos-Brown - Faculty Advisor
Business, Education and Social Work Division

Social Services within Northwest Ohio play an essential role in mitigating social injustices and empowering individuals and families to achieve their goals in a way which nurtures their liberties. Social Work seniors from the Macro Practice: Communities and Organizations class will share their work behind their student-led philanthropy project Pay It Forward. The project directly impacted the needs of the local community by awarding $2,000 in grant funds to address needs within youth programming.

*denotes member of Carolyn M. Small Honors Program
THE IMPORTANCE OF BLOOD DONATION AND IMPROVING THE HUMAN CONDITION
Cultural Arts Center

Panel Participants: Noah Beach*, Chelsey Braunwart*, Jessica Crigger*
Dean Bridgette Winslow - Faculty Advisor
Institute for Pre-Health and Wellness Studies

The need for blood is constant. Every two seconds, someone in America needs blood. The American Red Cross provides about 40 percent of the U.S. blood supply and 100 percent of the local supply. This panel will inform the audience about the components of blood, the importance of blood donation, the process of blood donation, and the impact blood donation has on the local community. We will examine the number of blood donations needed for blood transfusions, emergency surgeries, and other treatments. Real life scenarios will be discussed to drive home the impact blood donations can have on saving human lives.

1:30PM

19TH ANNUAL EMPTY BOWLS
Buchman Board Room

Professor Tess Homier - Faculty Advisor
Business, Education and Social Work Division

Empty Bowls 2019 will be discussed during this presentation. The students that work with the event will talk about the success of Empty Bowls and what strategies go into planning and putting the event together. This presentation will share how Empty Bowls impacts the local community.

2:00PM

THE RELEVANCE OF TRUTH TO FREEDOM
Buchman Board Room

Presented by: Noah Beach*, Jessica Crigger*, Brandon Laney*, Natalee Shingler*, Natalie Woodson*
Dean Mary Ann Studer - Faculty Advisor
Carolyn M. Small Honors Program

The Relevance of Truth to Freedom, an Honors student panel, will engage the audience in an apolitical discussion about the key questions posed by Andy Andrews in his book “How Do You Kill Eleven Million People?” - the number of people killed by the Nazi German regime between 1933 and 1945. What happens to a society in which truth is absent? Does it matter that millions of ordinary citizens are apathetic about many of the decisions that affect the future of our country? History remains an important reminder of the possible. Do you exercise your ability to control current events that will inform the future?

3:00PM - 3:50PM

EXPLORING HISTORIC DIVERSITY BY DIGITALLY MAPPING SACRED SPACE
Hubbard Banquet Room

Hosted by: Dr. Wendy Soltz, Krieger Visiting Scholar in Religious Studies
Arts and Humanities Division

This presentation will first explore a three-year community historic preservation project of a synagogue in Ligonier, Indiana. In this project, Dr. Soltz demonstrates that Jews in the Midwest maintained a delicate balance of blending in, but also retaining their religious beliefs. She further argues that during Ligonier’s “heyday” it was quite diverse. Using this project as a spring board last year, Dr. Soltz launched a comprehensive study of Indiana’s historic synagogues from 1860-1960. This project reveals many other historic synagogues throughout the State and puts Ligonier into context with the larger phenomenon of religiously diverse, non-urban communities. Dr. Soltz plans to eventually expand this mapping project to Ohio.

4:00PM

DISTINGUISHED FACULTY PRESENTATION
Hubbard Banquet Room

Presented by: Dr. Marian Plant, Professor of Religious & Ministry Studies
Arts and Humanities Division

We are philosophers and risk-takers, timid as we are brave. We get lost in spite of GPS, in spite of our own best efforts, and in spite of assistance from our friends. We hope upon hope to find our way once again, or at least be found and given our bearings. We voluntarily walk onto all manners of field of battle, knowing full well we will come off bruised and battered physically.
mentally, spiritually; and just as voluntarily we go into hiding from uncomfortable decisions and actions we need to make and take. We are all humans. You are invited to explore and consider with Dr. Plant three questions, relevant to who we are individually and communally as humans, and imagine their meanings for you. What is your center? Upon whose shoulders do you stand? Where is the place where your deep gladness and the world’s deep hunger meet?

5:00-6:00PM
DINNER BREAK

6:00-7:15PM
HONORS CONVOCATION - DIVISIONAL AWARDS
   Arts and Humanities
      Cultural Arts Center
   Business, Education and Social Work
      Buchman Board Room
   Natural Science, Applied Science and Mathematics
      Hubbard Banquet Room

7:30PM
HONORS CONVOCATION - Schomburg Auditorium

ORAL PRESENTATIONS - SERRICK CENTER
HUBBARD BANQUET ROOM (A,B)

9:00-9:30 am (Hubbard B)
Effect of Nucleoid Associate Protein H-NS Knockout on Gene Expression in E.coli
Spencer Gray*
Faculty Advisor: Dr. Nathan Griggs

9:30-10:00 am (Hubbard B)
Disability in Percy Jackson and the Olympians
Camrin Santchi
Faculty Advisor: Dr. Todd Comer

10:00-10:30 am (Hubbard B)
Urban Gentrification: Is it Inevitable Progress?
Damon Sims
Faculty Advisor: Dr. Brett Decker

10:00-10:30 am (Hubbard A)
Nutritional Physiology - Analysis of the Low-Carb Diet
Chelsey Braunwart*
Faculty Advisor: Dr. Alyson Laframboise

10:30-11:00 am (Hubbard B)
Force Production in Athletes of Differing Height
Zachary Johnson*, Garrett Enders*
Faculty Advisors - Dr. Timothy Rickabaugh & Professor Paul Schumm

10:30-11:00 am (Hubbard A)
Student Debt: A Necessary Evil?
Brandon Ripke
Faculty Advisor: Dr. Brett Decker

11:00-11:30 am (Hubbard A)
To Hire or Not to Hire: Measuring How Black Women’s Hair Texture Influences Perception
Da’Ja’Nay Askew*
Faculty Advisor: Dr. Deborah Dalke

11:30-12:00 pm (Hubbard A)
Disability in a Song of Ice and Fire: The “Imp,” the “Eunuch” and the Bodily Disfigured
Jordan Osborne*
Faculty Advisor: Dr. Todd Comer

12:00 pm
LUNCH BREAK

1:00 pm (Hubbard A)
Social Cues in the Digital Media World
Kaitlyn Hughes*
Faculty Advisor: Dr. Christopher Cwynar

1:30 pm (Hubbard A)
The Wave of Millennial Activism and How They are Changing the Sociopolitical Climate of the 21st Century
Reeka Edwards*
Faculty Advisor: Dr. Christopher Cwynar

2:00 pm (Hubbard A)
“Maximum Ride” Displaying Maximum Disability
McKenzie Hall
Faculty Advisor: Dr. Todd Comer

2:30 pm (Hubbard A)
The Future of the Church
Xavier Blyden
Faculty Advisor: Dr. Marian Plant

*denotes member of Carolyn M. Small Honors Program
POSTER PRESENTATIONS - SERRICK LOBBY

12:00-1:30 pm

Motivation: The Foundation of College Student Success
Da’Ja’Nay Askew*
Faculty Advisor - Professor Lisa Crumit-Hancock

Eating Disorders in Athletics
Michaela Bauer*
Faculty Advisor - Dr. Matthew Lundin

The Lost Expedition
Justin Bergquist
Faculty Advisor - Dr. Jeremy Taylor

Theological Symbolism in Artistic Renditions of the Crucifixion
Xavier Blyden
Faculty Advisor - Dr. Marian Plant

Social Media: The impacts on Mental and Physical Health
Macy Bowling*
Faculty Advisor - Professor Alesia Yakos-Brown

How to Use Functional Behavior Assessment in the General Education Classroom
Cheyanne Bultman
Faculty Advisor - Dr. Rachel Eicher

Johnson and Johnson
Chyanne Cameron*
Faculty Advisor - Professor Janet Bragg

Fact or Fiction? MobyMax and myON are Research-Based
Christopher Davis*
Faculty Advisor - Dr. Fred Coulter

Network Security
Nischka Dixon
Faculty Advisor - Professor Aaron Napierala

Comparison of Number Systems
Hali Geraci*
Faculty Advisor - Professor David Stuckey

The Effect of Anemia on Blood Spatter
Rebekah Groden*
Faculty Advisor - Dr. Nathan Griggs

Mississippi’s Sovereignty Commission
Nathan Kline
Faculty Advisor - Dr. Jeremy Taylor

The Challenges of Preventing Recidivism Throughout History
Zachary Morris
Faculty Advisor - Dr. Jeremy Taylor

Catching Hogs and Other Puzzles of Dudeney and Loyd
Jennifer Nashalsky*
Faculty Advisor - Professor David Stuckey

How do School Aged Children and Adults with Visual, Hearing, and Orthopedic Disabilities Learn How to Play Baseball/Softball?
Jennifer Nashalsky*
Faculty Advisor - Dr. JoAnn Burkhhardt

Effects of Drinks on Your Teeth
Cohen Nies*
Faculty Advisor - Dr. Somnath Dutta

Protest Music of the Vietnam War
Kevin O’Neil
Faculty Advisor - Dr. Jeremy Taylor

The Italian Mafia and the Success of Organized Crime
Bennett Pack
Faculty Advisor - Dr. Jeremy Taylor

EBP Picot Project
Anthony Righi
Faculty Advisor - Professor Cheryl Hinojosa

Storytelling as a Pedagogy in Early Childhood Education
Paige Sickmiller*
Faculty Advisor - Dr. JoAnn Burkhhardt

Nazi Art Theft
Cory Sidle*
Faculty Advisor - Dr. Don Buerk

Criminal Justice and Storytelling
Allison White*
Faculty Advisor - Dr. JoAnn Burkhhardt

Processional Cross Symbolism
Emmalyn Wooley
Faculty Advisor - Dr. Marian Plant

Symbolism of the Birth of Jesus
Emmalyn Wooley
Faculty Advisor - Dr. Marian Plant
About

McMASTER SCHOOL FOR ADVANCING HUMANITY

The McMaster School for Advancing Humanity was founded to serve as a focal point for teaching, service, scholarship, and action to improve the human condition worldwide. The mission of the McMaster School is:

- To educate students for responsible citizenship;
- To produce committed global citizens and leaders who understand the importance of individual liberties in improving the human condition worldwide; and
- To encourage graduates to take an active role in addressing these issues in whatever professions they may choose.

The School serves as a catalyst for innovative, interdisciplinary, community-based work by creating and supporting opportunities for teams of faculty, students, and staff to use their academic and professional skills to address a community need.

Goals of the

McMASTER SCHOOL FOR ADVANCING HUMANITY

To critically examine the root causes of human suffering through academic and applied research of systemic factors (religious, political, social, educational and/or environmental) that impede human progress;

To give students the knowledge and capacities to be active world citizens and to view themselves as members of the world community;

To contribute actively - through sponsored scholarship and service to the improvement of the human condition worldwide;

To exchange, create and disseminate knowledge about successful role models of active citizenship and public service; and

To create at Defiance College one of the nation's premiere undergraduate educational programs with a focus on scholarship and service, with a special emphasis on developing an innovative approach to teaching.

About

DEFIANCE COLLEGE

Defiance College, founded in 1850, is a private liberal arts college affiliated with the United Church of Christ. Building on a strong foundation of more than a century of educating citizens for lives of leadership and service, Defiance College provides opportunities for its students to make a meaningful impact on society in the twenty-first century with an educational experience of engagement. Defiance’s spirit of service through leadership sets us apart.

Defiance College’s role as a national and innovative leader in service learning and engagement was recognized by the Corporation for National and Community Service which named Defiance among the top 20 schools in the nation for community service and engagement. This designation was made by naming Defiance College as a Presidential Award Finalist for the 2013 President’s Higher Education Community Service Honor Roll.

The Princeton Review features Defiance College in Colleges with a Conscience: 81 Great Schools with Outstanding Community Involvement. Defiance is accredited by the North Central Association of Colleges and Schools, the National Council of Teacher Education, Commission on Collegiate Nursing Education, the Council on Social Work Education, the Commission on Accreditation of Athletic Training Education, and the International Assembly for Collegiate Business Education.

As a national leader in the field of service learning and engagement, DC teaches students to take the knowledge they have gained and use it to change lives for the better – in their communities, in their careers, and in the world.

Special thanks to the Planning Committee:
Dr. Don Buerk, Dr. Jo Ann Burkhardt,
Dr. Agnes Caldwell, Ms. Mercedes Clay,
Mr. Brad Harsha, Ms. Rena Rager,
Dean Mary Ann Studer

Additional thanks to:
Ms. Kathy Punches, Mr. Ryan Imbrock,
Ms. Kristi Jo Leaders – Public Relations
Ms. Danielle Kennedy – Academic Affairs
Mr. Jake Arnold – Facilities
Mr. Matt Slawinski – Technology Support
Professor Beverly Fanning – Printing

Save the Date! April 15-16, 2020
McMaster Symposium & Academic Colloquium