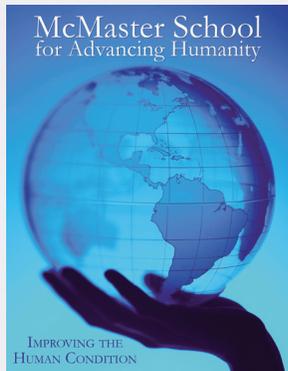


THE QUESTION OF INDIVIDUAL LIBERTIES AS CRITICAL TO
IMPROVING THE HUMAN CONDITION



McMaster Symposium & Academic Colloquium



DEFIANCE COLLEGE
April 11-12, 2018

WEDNESDAY / April 11, 2018

7:00PM - 7:15PM

OPENING REMARKS

Schomburg Auditorium

Dr. Richanne C. Mankey, Defiance College President

INTRODUCTION - Dr. Ron McMaster

7:15PM - 8:30PM **PRESENTATION**



A DIALOGUE with JEREMY BALL

Mr. Jeremy Ball graduated from Defiance College with a Bachelor's degree in Communications in 2004. As a student, he was named a McMaster Scholar to Jamaica (2002-2003) and a McMaster Scholar to Guatemala (2003-2004), during the first two years of the McMaster School for Advancing Humanity. Today Mr. Ball is the Director of Corporate Philanthropy and Events for the Fortune 500 retail corporation, Big Lots, and a trustee of Defiance College. Through a dialog with Mary Ann Studer, Dean of the McMaster School for Advancing Humanity, and the audience, Mr. Ball will talk about his experiences as a McMaster Scholar, a Service Leader, and a Defiance College student. This dialog will evidence the key aspects of his undergraduate experiences at Defiance College that prepared him to be a successful professional and inspired him to continue to contribute to the better of humanity.

THURSDAY / April 12, 2018

8:30-8:50AM

OPENING REMARKS

Schomburg Auditorium

Dr. Agnes Caldwell, Vice President for Academic Affairs and Academic Dean

9:00AM - 9:50AM

McMASTER PANAMA LEARNING COMMUNITY

Schomburg Auditorium

Dr. Sheldon Goodrum, Fellow

Dr. Timothy Rickabaugh, Fellow

Professor Kathleen Westfall, Associate Fellow

Scholars - Da'Ja'Nay Askew*, Chelsey Braunwart*, Morgan Connor, Madysyn Creighton, Samantha Ervin, Spencer Gray*, Beau Massingill*, Cody Nelson, Kaytlyn Williamson

The McMaster Panama Learning Community will discuss the projects that Scholars will be doing when they travel to Panama in May, 2018. Scholars will brief the audience on the community-based research that they have been working on over the last two semesters and the outcomes they expect from the work.

COLLECTING DIGITAL INFORMATION:

A GUIDE FOR VICTIM ADVOCATES

Buchman Board Room

Panel Participants: Students - Anthony Adamic, Martin Bush, Grayson Conney, Jared Guerra, Tyler Lown

Pam Weaner - Family Justice Center

Professor Tim Wedge - Faculty Advisor

Natural Science, Applied Science and Mathematics Division

This panel will look at how 21st century technology has given domestic abusers and stalkers new tools to use against their victims, and the challenges for the legal advocates who try to help them. DC Digital Forensic Science students have developed and tested low and no-cost methods, usable by laypeople, for extracting admissible 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.

**denotes member of Carolyn M. Small Honors Program*

THURSDAY / April 12, 2018

FROM AN IDEA TO A REALITY

Cultural Arts Center

Panel Participants: Executive Director, Adam McGinnis*; Chief Executive Officer, Mason Gross; Director of Project Support, MacKenzie Combs*; Director of Project Development, Adam Swisher

This presentation will examine how ideas become reality within Project 701 by outlining the process from proposal to sustainable implementation. The executive staff of Project 701 will discuss their roles in supporting new projects and the critical collaboration between students and community partners.

10:00AM - 10:50AM

McMASTER LOCAL LEARNING COMMUNITY

Schomburg Auditorium

Dr. Carla Higgins, Fellow

Scholars - Rick Custar, Madeleine McMaster, Amoy Russell*, Marissa Windau

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

ARE OUR BRAINS WIRED TO CONFORM AND SUBMIT TO AUTHORITY?

Buchman Board Room

Panel Participants: Students - Noah Beach*, Chelsey Braunwart*, MacKenzie Combs*, Blake Newman*

Dr. Alyson Laframboise - Faculty Advisor

Natural Science, Applied Science and Mathematics Division

The discussion of Stanley Milgram's notorious experiments in 1962 will be examined during this presentation. Stanley Milgram demonstrated how far participants were willing to go when instructed by a person in a position of authority. This panel will use neuroscience to discuss how and why people are willing to give up their own sense of agency and engage in activities or behaviors that they would otherwise consider unethical.

INCLUSIVE COMMUNITIES:

ELIMINATING BARRIERS TO PARTICIPATION

Cultural Arts Center

Presented by: Student - Robyn Boyd*, Kristen Feeman

Dr. Clarissa Barnes - Faculty Advisor

Business, Education and Social Work Division

This presentation will explore how we, as professionals and community members, can eliminate barriers to community participation for individuals with disabilities. The focus of the presentation will be on moving beyond physical inclusion and toward community and social inclusion. Practical strategies for creating an inclusive campus community will be addressed.

11:00AM - 11:50AM

McMASTER BELIZE LEARNING COMMUNITY

Schomburg Auditorium

Professor Mary Ann Studer, Fellow

Mr. Brad Harsha, Associate Fellow

Dr. Matt Lundin, Associate Fellow

Ms. Rena Rager, Associate Fellow

Scholars - Corey Davis*, Mackenzie Durdak*, Taylor Gillig, Elyzabeth King*, Nicholas Kleptz, Kaitlyn Kuhn*, Cassandra Memmer, Blake Newman*, Logan Scott*, Alyson Seibert*

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 2017. 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.

UNDERGRADUATE RESEARCH METHODS: EXPERIENCES AS A CO-INVESTIGATOR

Buchman Board Room

Panel Participants: Students - Malia Ferry*, Lauren Perry

Dr. Jo Ann Burkhardt - Faculty Advisor

Business, Education and Social Work Division

This presentation will discuss students' experiences as social science co-investigators. DC students partnered with a full time faculty member to determine the percentage of freshman students at Defiance College in the fall 2017 semester who reported that they had been bullied during grades 9-12. A literature review was conducted after receiving IRB approval and then the students in EDUC 221, Foundations of American Public Education designed the data collection instrument, collected, and analyzed the data. The presentation will address the findings, which suggest that, although students in the freshman class experienced bullying in high school, it was slightly less than the national average.

We would like to acknowledge those students attending Defiance College's McMaster Symposium and Academic Colloquium as part of the McMaster/Academic Day 2018 hosted by the Admissions Office. These students have applied for admission to Defiance College and some have been accepted for the Fall 2018 Semester. Please help us welcome these future DC students and their families to campus.

THURSDAY / April 12, 2018

TRANSLATING FAITH FOR DAY TO DAY PRACTICE

Cultural Arts Center

Panel Participants: Students - Xavier Blyden, Denique Dennis*, William Smith, Emma Wooley

Dr. Marian Plant - Faculty Advisor

Arts and Humanities Division

With increased globalization and the resulting worldwide increase in pluralism, the need exists for people and communities to be well informed about the religious beliefs, customs, and traditions of the people with whom they interact. Whether you are religious, or have no religious inclination, this panel of students will share information and insights to help translate the faiths that make up our communities.

12:00PM

HUMANITY IN THE HEADLINES

Serrick Campus Center Cafeteria

Engaging students, faculty, and staff, each table will focus on a topic that will explore current events from the perspective of the Symposium theme. "The Question of Individual Liberties as Critical to Improving the Human Condition." The host at each table will facilitate discussion.

Table Topics include:

Fake News

The Legalization of Marijuana

DACA

Me Too/Time's Up

The Opioid Crisis

2020 - Presidential Election - Who's Running

North Korea

The State of the Economy

South African Water Crisis

1:30PM

SENIOR NURSING STUDENTS POSTERS

Schomburg Auditorium Lobby

Rose Hastedt - Nursing PICOT Project

Nathan Hoffer - Nursing PICOT Project

Ashton King - Nursing PICOT Project

Nathan Renollet - Nursing PICOT Project

Professor Cheryl Hinojosa - Faculty Advisor

Natural Science, Applied Science and Mathematics Division

"IT'S MY RIGHT:"

ISSUES WITH SYMBOLIC SPEECH IN AMERICA

Buchman Board Room

Panel Participants: Students - Kaitlyn Kuhn*, Jordan Osborne*

Dr. Jeremy Taylor - Faculty Advisor

Arts and Humanities Division

This panel will analyze a number of key supreme court cases and discuss how symbolic speech has evolved through American history, why it is important, and what it means in today's society.

DISASTER STRIKES...WHAT HAPPENS MONTHS AND YEARS LATER?

Cultural Arts Center

Presented by: Students - Rylea Amspaugh, Da'Ja'Nay Askew*, Erin Conner, Jessica Crigger*, Gabrielle Justice, Jordan Maschino, Megan Overmann*, Cassidy Santen, Jason Santora
Mr. Brad Harsha, Mr. Brandon Ripke - Advisors

This presentation will examine what happens when a natural disaster strikes and how communities near and far come together to help those affected. The Service Leader trip in March worked with the United Church of Christ through the Volunteer in Disaster Recovery program to help those affected by Superstorm Sandy in 2012. The students will discuss what they learned from their service learning experience.

2:00PM

SUBSTANCE USE: AN INTERCOLLABORATIVE APPROACH TO A COMMUNITY ISSUE

Schomburg Auditorium

Presented by: Ms. Jamie Gerken, MPH,RN, Defiance County Health Commissioner; Ms. Jessica Myers, Executive Director, Defiance County Drug Free Coalition; Mr. Matt Rizzo, CEO, A Renewed Mind; Chief Todd Shafer, City of Defiance Police Department

Natural Science, Applied Science and Mathematics Division

This educational offering will focus on the depth of substance use in Defiance County and summarize county, college, state, and national data. The roles, inter-collaboration, and impact of nursing with other disciplines in the event of encountering an individual needing help will be discussed. There will be a panel discussion addressing the prevention, treatment, and legal aspects of substance use, followed by an open forum of questions and responses from an inter-collaborative team panel. Approved for 1 Hour Nursing CE.

MCMASTER IMPACT GOES LOCAL: DEVELOPING A LOCAL INITIATIVE

Buchman Board Room

Presented by: Dean Mary Ann Studer, McMaster School for Advancing Humanity; Dr. Carla Higgins, McMaster Fellow - IEC Initiative

This session will provide the audience with a greater understanding of the McMaster supported community-based research model in the context of a local partnership. The presenters will provide an overview of the framework for this model that incorporates multiple high-impact practices and they will discuss the process and practice of implementing the model to impact a close-to-home issue or challenge. This session would be helpful to anyone who would like to become more involved with the McMaster School for Advancing Humanity, particularly faculty and staff.

VISUAL PRESENTATION WOMEN'S COMMISSION ART GALLERY

2:00-3:00 pm
Design Makes a Difference

The presentation of visual solutions that represent the importance of social design, locally and globally.

Students - Chyanne Cameron*, Anna Craft, Sidney Faine*, Jared Feffer, Chevelle Gonzales, Madison Hollis, Mariah Huff, Christopher Keys Jr., Caroline Klein, Jada Lopez, Steven Lucas, Keith McClure, Jude Neary, Logan Petersen, Jonathan Ragland, Katelyn Ruiz, Katherine Settich, Shelby Stamm, Savontre Vaughn, Taylor Wells, Katarina Wicher, Jordan Williams
Faculty Advisor - Professor Beverly Fanning-Simmons
Arts and Humanities Division

2:30PM **SOCIAL WORK MACRO PRACTICE: COMMUNITIES AND ORGANIZATIONS**

Cultural Arts Center

Panel Participants: Students - Andrew Brown, MacKenzie Combs*, Erin Conner, Denique Dennis*, Danielle Ferguson, Kevin Kaplan, Sarah Kaya, Taylor Rodriguez, Cassidy Santen, Deborah Young

Professor Alesia Yakos-Brown - Faculty Advisor
Business, Education and Social Work Division

This panel will examine the important role that social services within northwest Ohio play in mitigating social injustices and empowering individuals and families to achieve their goals in a way which nurtures their individual liberties. Social Work seniors from the Macro Practice: Communities and Organizations class will share their work behind two projects, Pay It Forward and Night Without a Home. Both projects directly impacted the needs of the local community; one by awarding \$2000 in grant funds to address transportation needs, and the other by raising awareness on rural homelessness.

3:00PM **DISTINGUISHED FACULTY PRESENTATION**

**A Decade in Defiance:
the Re-Eutrophication and
Restoration of Lake Erie**
Schomburg Auditorium

Presented by: Dr. Douglas Kane,
Professor of Biology
**Natural Science, Applied Science
and Mathematics Division**



Dr. Kane will focus on research he and students conducted during his decade at Defiance College. He will cover the causes and consequences of the re-eutrophication (effects of nutrient pollution) of Lake Erie, as well as detail the research related to ecological restoration in the Maumee River watershed.

4:00PM **BEYOND SWASTIKA OR JIM CROW: A LOOK AT JEWISH SCHOLARS AND HBCUs, 1900-1960**

Schomburg Auditorium

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

Dr. Wendy Soltz, the Charles K. & Esther C. Krieger Visiting Scholar in Religious Studies at DC, will offer a program on the Jewish involvement at historically black colleges and universities (HBCUs). The first part of the program will feature clips of the documentary film "From Swastika to Jim Crow," which focuses on Jewish refugee scholars of World War II who taught at HBCUs. This has been for decades the only known story of Jews at HBCUs. The second half of the program will address Dr. Soltz's doctoral research (PhD, OSU 2016), which paints a new picture of this fascinating phenomenon, dating the start of the Jewish involvement decades before World War II with American-born Jews.

5:00-6:00PM **DINNER BREAK**

6:00-7:00PM **HONORS CONVOCATION - Schomburg Auditorium**

7:15-8:00PM **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

*denotes member of Carolyn M. Small Honors Program

THURSDAY / April 12, 2018

ORAL PRESENTATIONS - SERRICK CENTER HUBBARD BANQUET ROOM

9:00-9:30 am

Creating and Planning an Event

Michaela Bauer*

Faculty Advisor - Professor Paul Christianson

9:30-10:00 am

Worldwide Accounting

Henna Frank*

Faculty Advisor - Professor Jonathan Boyle

10:00-10:30 am

High Engagement Activities to Make Physical Education Fun

Javier Castillo, Michael Gilliland

Faculty Advisor - Dr. Tim Rickabaugh

10:30-11:00 am

Sport-Specific Strength & Conditioning for DC Baseball

Zachary Bires*

Faculty Advisor - Dr. Tim Rickabaugh

11:00-11:30 am

The Effects of Childhood Trauma and Committing Crime as an Adult

Libby Leach*

Faculty Advisor - Dr. Sheldon Goodrum

11:30-12:00 pm

Can You Help Me? An Exploration of the Bystander Effect and Race in the Workplace

Da'Ja'Nay Askew*

Faculty Advisor -Dr. James Sliwinski

12:00 pm

LUNCH BREAK

1:30 pm

Community Perceptions of Police Use of Force and Body Worn Cameras

Jacob Vicic*

Faculty Advisor - Dr. Sheldon Goodrum

2:00 pm

Understanding Media in Politics

Daniel Delorieux

Faculty Advisor - Professor Chris Cwynar

2:30 pm

Melons and Melanin: The Steps to Self-Love

Da'Ja'Nay Askew*

Faculty Advisor - Professor Tess Homier

3:00 pm

Youth Crime Rates and Self-Defense Classes as Taught by Police Officers

Lea McCoy*

Faculty Advisor - Dr. Sheldon Goodrum

3:30 pm

Donald J. Trump's Use of Twitter During the 2016 Presidential Election

Jared Feffer

Faculty Advisor - Professor Chris Cwynar

4:00 pm

The Math Behind Creating a Catchy Tune

Taylor Haydinger*

Faculty Advisor - Professor David Stuckey

4:30 pm

Editing of Protein F in Streptococcus pyogenes via CRISPR-Cas9

Spencer Gray*

Faculty Advisor - Dr. Nathan Griggs

POSTER PRESENTATIONS - PILGRIM LIBRARY

9:00-10:00 am

The Therapeutic Effects of Kinesio Tape on Edema & Ecchymosis

Zachary Bires*

Faculty Advisor - Dr. Matthew Lundin

The Use of Film in the Scientific Classroom

Christopher Davis*

Faculty Advisor -Professor Christopher Cwynar

Treatment of People with Disabilities in Institutions

Malia Ferry*

Faculty Advisor - Dr. Jo Ann Burkhardt

The "Why" of Monotheism in Judaism, Christianity and Islam

Donté Owens

Faculty Advisor, Dr. Marian Plant

**denotes member of Carolyn M. Small Honors Program*

ACADEMIC COLLOQUIUM

10:00-11:00 am

We Are Not as Different as We Think

Jennifer Bechtold

Faculty Advisor - Dr. Marian Plant

Degenerative Meniscal Tears and Sham Surgeries

Garrett Enders*

Faculty Advisor - Professor Kathleen Westfall

**Genome- Wide Association Study
with Type One Diabetes**

Rebekah Groden*

Faculty Advisor - Dr. Nathan Griggs

Was the Alliance System a Major Cause of War in 1914

Cory Sidle*

Faculty Advisor - Dr. Don Buerk

11:00-12:00 pm

Race, Gender and Beauty Standards

Reeka Edwards*

Faculty Advisor - Dr. James Sliwinski

The Endocrine System

Jordan Furko*

Faculty Advisor - Dr. Alyson Laframboise

**The History of Crime Among Women
and How It Has Become More Deadly**

Gabrielle Justice

Faculty Advisor - Dr. Sheldon Goodrum

12:00-2:00 pm

OPEN POSTER HALL

2:00-3:00 pm

**Jewish, Christian and Muslim Holy Days, Holidays and
Influences in World Cultures Today**

Jacob Bickel

Faculty Advisor - Dr. Marian Plant

Macro Impact of Education in Belize

Corey Davis*

Faculty Advisor - Professor Mary Ann Studer

A Macro Perspective of the Water Quality in Belize

Mackenzie Durdak*

Faculty Advisor - Professor Mary Ann Studer

Destroying the Frontal Lobe

Paige Sickmiller*

Faculty Advisor - Dr. Jo Ann Burkhardt

3:00-4:00 pm

Political System Studies in Belize

Elyzabeth King*

Faculty Advisor - Professor Mary Ann Studer

Track Events

Laura Lutzke*

Faculty Advisor - Professor Kaitlynn Patterson

**Do Animals In the Correctional System
Lower Recidivism Rates?**

Allison White*

Faculty Advisor - Professor Thomas Sanford, Jr.

4:00-5:00 pm

**Interpreting the Reader's Potential
through Arithmetic**

Ashlyn Killion*

Faculty Advisor - Dr. Rachel Eicher

**The Effects of Suboxone
on Heroin Absorption Postmortem**

Toni-Ann Ledgister*

Faculty Advisors - Dr. Somnath Dutta

Dr. Sheldon Goodrum

The Thinking Behind Teaching

Brooke Waidelich*

Faculty Advisor - Dr. Terry Higgins

Save the Date!

April 9-10, 2019

**McMaster Symposium
& Academic Colloquium**

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,
Ms. Jennifer Stark, Dean Mary Ann Studer*

Additional thanks to:

*Ms. Kathy Panches, Mr. Ryan Imbrock,
Ms. Kristi Jo Leaders – Public Relations
Ms. Michelle Call – Academic Affairs
Ms. Rebecca Follett – Facilities
Mr. Matt Slawinski – Technology Support
Professor Beverly Fanning-Simmons – Printing*