

20th ANNUAL
Student
Research
Symposium

2018



Manchester
University

Sponsored by
the Office of
Academic and
Student Affairs

Friday, April 27
3:15 p.m.
Academic Center and
Jo Young Switzer Center

Manchester University Student Research Symposium

Sponsored by the
Office of Academic and Student Affairs
April 27, 2018
3:15 - 6:30 p.m.

Rooms open for Oral Presentations
3:15 p.m.
Programs available in lobby
Student Volunteer: Brittany Miller

Oral Presentations

Academic Center
3:35 - 4:45 p.m.

Oral Presentations: Session I

Academic Center, Room 146
Faculty Convener: Dr. Katy Gray Brown
Student Volunteer: Avis McGovern

Impact of International Students on Scholarly Activity

3:35 - 3:55 p.m.

Sambo Amaza.....Class of '18

Major: Economics
Mentor: Dr. Sreenath Majumder

Négritude, Empowerment and Soul-Searching: Aimé Césaire's Legacy in the 21st Century

4 - 4:20 p.m.

Chris Francois Class of '21

Majors: Software Engineering, Peace Studies
Mentor: Dr. Janina Traxler

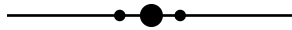
Damn: An Analysis

4:25 - 4:45 p.m.

Quinn L'Heureux..... Class of '19

Major: Sociology

Mentor: Dr. Erinn Brooks



Oral Presentation: Session II

Academic Center, Room 234

Faculty Convener: Mr. Jeff Beer

Student Volunteer: Annie Barce

Organizing the Presidency

3:35 - 3:55 p.m.

Tate Wooding Class of '18

Major: Political Science

Mentor: Dr. Leonard Williams

Disrupting Fear: Testing the Limits of Memory Reconsolidation

4 - 4:20 p.m.

Taylor Crisman..... Class of '18

Majors: Psychology, Educational Studies

Abigail McVay..... Class of '21

Major: Psychology

Mentor: Dr. David Johnson

Talking about My Generation: Is it a Result of Generational, Life Cycle, or Something Else?

4:25 - 4:45 p.m.

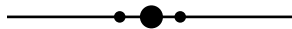
Tate Wooding Class of '18

Major: Political Science

Victoria Hupp Class of '19

Major: Political Science

Mentor: Dr. Leonard Williams



Oral Presentation: Session III

Academic Center, Room 149

Faculty Convener: Dr. Michelle Calka

Student Volunteer: Delaney Ray

“I That Am Rudely Stamp’d, and Want Love’s Majesty”: The Portrayal of Richard III

3:35 - 3:55 p.m.

Destinee Boutwell Class of '20

Major: English

Mentor: Dr. Stacy Erickson-Pesetski

Turning “Fat” into Business: The New Emergent Fashion Trend

4 - 4:20 p.m.

Caitlin Powell Class of '19

Major: English

Mentor: Dr. Erinn Brooks

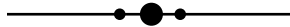
The Power of Women: Pre-Historic Liberation as Seen Through the Lenses of the *Epic of Gilgamesh*

4:25 - 4:45 p.m.

Charise Samuel..... Class of '19

Majors: English, Political Science

Mentor: Dr. Beate Gilliar



Oral Presentation: Session IV

Academic Center, Room 238

Faculty Convener: Dr. Shekher Mohan

Student Volunteer: Karly Eichenauer

Characterizing Amyloid Imaging Agent Binding Site(s) on Synthetic A β 40 Fibrils

3:35 - 3:55 p.m.

Alexis Figueroa Class of '19

Majors: Chemistry, Exercise Science and Fitness

Mentor: Dr. Peter Spielmann (University of Kentucky)

Comparing Water Quality Parameters, Depth, Morphometry and Trophic State of Oxbow Lakes in the Lower Wabash and Lower White River Watersheds in Indiana

4 - 4:20 p.m.

Daniel Cassel **Class of '18**

Major: Environmental Studies

Mentor: Dr. Jerry Sweeten

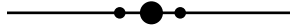
Construction of an Interferometer for Radio Astronomy

4:25 - 4:45 p.m.

Benjamin Niederhelman..... **Class of '19**

Majors: Physics, Engineering Science

Mentor: Dr. Christer Watson



Oral Presentation: Session V

Academic Center, Room 243

Faculty Convener: Dr. Scott DeVries

Student Volunteer: Jared Wondergem

Verbal vs. Visual: Learning Styles and Their Effect on Information Retention

3:35 - 3:55 p.m.

Ashleigh Ridenour **Class of '18**

Majors: Psychology, Educational Studies

Dr. Mike Martynowicz

Race Effect on Lifetime Cigarette Consumption

4 - 4:20 p.m.

Jawdat Raghah **Class of '18**

Major: Economics

Mentor: Dr. Ty Robbins

Analyzing Faculty, Staff and Students' Perceptions of Mental Health and Available Services

4:25 - 4:45 p.m.

Amber Willwerth..... Class of '18

Majors: Psychology, Educational Studies

Mentor: Dr. Mike Martynowicz



Undergraduate Poster Session

4:45 - 5:20 p.m.

Speicher/Lahman Room, Jo Young Switzer Center

Faculty Conveners: Dr. Kathy Davis, Mr. Zachary Dougal, Mr. Jared

Friesen, Dr. Shekher Mohan, Dr. Jeff Osborne

Serial Sevens' Relationship with Measures of Working Memory, Processing Speed and Executive Functioning

Jessica Baber Class of '19

Major: Psychology

E'mon Harris..... Class of '19

Major: Psychology

Mallory Fletcher Class of '20

Major: Psychology

Mentor: Dr. Rusty Coulter-Kern

Deep Vein Thrombosis in Lower Extremity of a Female Collegiate Volleyball Athlete: A Case Study

Kendra Borton Class of '19

Major: Athletic Training

Rachel Roths Class of '19

Major: Athletic Training

Mentor: Mr. Zach Dougal

Chartwells Dining

Ramsen Bet-Nimrod **Class of '18**

Major: Marketing

Allyson Brown **Class of '18**

Majors: Accounting, Marketing

Caitlin Doyle **Class of '18**

Majors: Marketing, Sales

Nick Haynes..... **Class of '19**

Major: Marketing

Jenna Rhodes **Class of '18**

Major: Marketing

Mentor: Dr. Sun Kang

Morel-Lavallee Lesion in a High School Athlete

Jacey Cauhorn **Class of '18**

Major: Athletic Training (BA)

Jennifer Lichtman **Class of '18**

Major: Master of Athletic Training

Mentors: Mr. Jeff Beer, Mr. Zach Dougal

Peaceful Protest or Downright Disrespect

Jacob Cooper **Class of '19**

Major: Criminal Justice

Mentor: Dr. Erinn Brooks

The 1033 Program: Relationship between Police and Demographics at the County Level in the United States

Caraline Feairheller **Class of '19**

Majors: Peace Studies, Political Science

Jesse Langdon **Class of '20**

Majors: Peace Studies, Political Science

Noritake Ogino **Class of '19**

Majors: Political Science, Business Management

Mentor: Dr. Leonard Williams

Gender Performance in *13 Reasons Why*

Carissa Fockler..... Class of '18
Major: Exercise Science and Fitness
Mentor: Dr. Erinn Brooks

Factors that Influence a Student's Intent to Graduate

Wesley Gall Class of '18
Major: Psychology

Kelly Adams..... Class of '20
Major: Psychology
Mentor: Dr. Marcie Coulter-Kern

User Centered Design: The Drive of Technological Advances

Frehiwot Gudeta Class of '18
Major: Computer Science
Mentor: Mr. Robin Mitchell

What Happened? Flashbulb Memories, Valence and the 2016 Presidential Election

Abigail McVay..... Class of '21
Major: Psychology
Mentor: Dr. David Johnson

The Effectiveness of Multicultural Student Orientation compared to Manchester University Student Orientation

Abigail McVay..... Class of '21
Major: Psychology

Angela Gonsiorowski Class of '19
Majors: Art, Psychology
Mentor: Dr. Marcie Coulter-Kern

Political Bias and Social Fear Learning

Gregory Miller Class of '19
Major: Psychology
Mentor: Dr. David Johnson

**A Comparison of Faculty and Student Expectations in a College Major:
A Mixed-Methods Approach**

Ashley Muhlenkamp..... Class of '18

Major: Psychology

Emma Nickel Class of '19

Major: Industrial Organizational Psychology

Mentor: Dr. Rusty Coulter-Kern

Domestic

Chandler Mynhier Class of '18

Major: Marketing

Jose Medina Sigala Class of '18

Majors: Management, Marketing

Mentor: Dr. Sun Kang

Butt Buddy Business Plan

Austyn Rybicki..... Class of '18

Majors: Business Management, Sport Management

Jessica Beal..... Class of '19

Major: Accounting

David Jaworski..... Class of '18

Majors: Business Management and Marketing

Alec Trzeciak..... Class of '18

Major: Business Management

Mentor: Mr. Joe Messer

International Students' Experience in a Midwestern Private College

Mam Samba Class of '19

Major: Psychology

Kelsi Valencia Class of '19

Major: Psychology

Destina Easley Class of '20

Major: Psychology

Mentor: Dr. Marcie Coulter-Kern

Fear Memory Strength: The Effect of Reinforcement Rate on Fear Recovery

Leah Smith Class of '18

Major: Psychology

Jiwoo Park Class of '18

Major: Psychology

Mentor: Dr. David Johnson

A Case Study Presentation on a Football Player with a Fractured Radius: A Surgical Intervention

Sydney Thompson Class of '19

Majors: Athletic Training, Exercise Science and Fitness

Katelynn Skeens Class of '19

Major: Exercise Science and Fitness

Mentor: Ms. Erin Foreman

Are Refugees a Threat to National Security: What Does Europe Think?

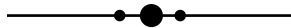
Zander Willoughby Class of '18

Majors: Political Science, French

Mariam Aly Ibrahim Class of '18

Majors: Political Science, Psychology

Mentor: Dr. Leonard Williams



Graduate/Professional Poster Session

4:45 - 5:20 p.m.

Speicher/Lahman Room, Jo Young Switzer Center

The Comparison of Faculty and Volunteer Preceptors in Pharmacy Experiential Education

Gloria Adjei-Bekoe Class of '21

Major: Pharm.D.

Mentor: Dr. Sara Trovinger

Varenicline Withdrawal-Induced Akathisia

Marwah Dabaja..... **Class of '20**

Major: Pharm.D.

Marwa Farhat..... **Class of '20**

Major: Pharm.D.

Mentor: Dr. Thomas R. Smith



Keynote Speaker

Noteworthy Collaborations: Debussy's Music and the Symbolist Poetry of Paul Verlaine and Pierre Louÿs

Emily Lynn **Class of '20**

Majors: French, Music

Mentor: Dr. Janina Traxler

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Name	Time	Location
Adjei-Bekoe, Gloria	4:45 - 5:20 p.m.	Speicher Room
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Baber, Jessica	4:45 - 5:20 p.m.	Speicher Room
Beal, Jessica.....	4:45 - 5:20 p.m.	Speicher Room
Bet-Nimrod, Ramsen	4:45 - 5:20 p.m.	Speicher Room
Borton, Kendra	4:45 - 5:20 p.m.	Speicher Room
Boutwell, Destinee	3:35 - 3:55 p.m.	ACEN 149
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Wooding, Tate	4:25 - 4:45 p.m.	ACEN 234

Speicher and Lahman Rooms are located in the
Jo Young Switzer Center, upstairs

Student Research Symposium

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Office of Academic and Student Affairs
April 27, 2018
3:15 - 6:30 p.m

Master Itinerary

Academic Center

3 p.m.	Programs Available in Academic Center Lobby
3:15 p.m.	Rooms Open to Guests
3:35 - 3:55 p.m.	Oral Presentations, Various Rooms
4 - 4:20 p.m.	Oral Presentations, Various Rooms
4:25 - 4:45 p.m.	Oral Presentations, Various Rooms

Jo Young Switzer Center

4:45 - 5:20 p.m.	Poster Presentations and Refreshments, Speicher Room
5:30 - 6 p.m.	Student Keynote Presentation, Lahman Room
6 - 6:25 p.m.	Thoughts and Presentation of Awards Jo Young Switzer, President Emerita
6:30 p.m.	Group Picture in Stairwell

2018 Student Research Symposium Committee

Dr. Katharine Ings, Associate Professor of English, Chair
Dr. Sun Kang, Assistant Professor of Sport Management
Dr. Mike Martynowicz, Assistant Professor of Education
Dr. Christer Watson, Professor of Physics
Kathrine Dwyer, representing Academic and Student Affairs

Our sincere thanks to all the people who worked to make the 2018 Manchester University Student Research Symposium a success. Special thanks to our student conveners, faculty evaluators, faculty mentors and Chartwells catering. We recognize and appreciate your dedication to the students of Manchester University.

We also thank Jo Young Switzer, president emerita, for attending this event to celebrate 20 years of a wonderful tradition.

