

April 13, 2018



# The Saint Mary's Symposium

---

Research and Creative Scholarship



# The Saint Mary's Symposium

Research and Creative Scholarship

## CONFERENCE SESSION

9 - 9:10 a.m.

### Welcome

*Vander Venet Theatre*

Opening remarks by **Laura Williamson Ambrose**, associate professor of humanistic studies

9:10 - 10:30 a.m.

### Session 1: Environment

*Earley Conference Rooms*

Moderator: **Cassie Majetic**, associate professor of biology

#### ORAL PRESENTATIONS

"Genetic control on the migratory phenology of tree swallows"

**Katie Frego '18**, biology

"The microbiology of fresh, surface, and deep bat guano samples, including the detection of possible pathogens"

**Makenzie Duncan '18**, biology

"Cu(II) acquisition and reduction by mutated hCtr1-14 peptides reveals new information in reduction mechanism"

**Morgan Matthews '18**, chemistry

#### POSTERS

"Development of a yeast biosensor for the detection of prednisone"

**Heather Miller '19**, biology

"Sestrin 2 and its importance in survival in anchorage-independent SKOV3 cells"

**Leann Tulisak '18**, biology

"Acoustic scanning behavior in the northern short-tail shrew"

**Margaret Gleason '20**, biology

"The effect of environmental conditions on the detection frequency of owl calls"

**Allison Pudlo '17**, research assistant

## Session 2: Scholarship of Teaching and Learning

*Vander Vennet Theatre*

Moderator: **Aaron Moe**, assistant professor of English

"The academic library's contribution to student success: Library instruction and GPA"

**Ula Gaha**, faculty librarian; **Catherine Pellegrino**, interim library director; and **Suzanne Hinnefeld**, faculty librarian

"Notes from the center: What IS a writing center and what DOES it do?"

**Aaron Bremyer**, director of writing center; and writing tutors

"The implications of high stakes assessments on minority students' academic success"

**Kay Thursby '18**, psychology

**10:40 a.m. – 12 p.m.**

## Session 1: Living Well

*Earley Conference Rooms*

Moderator: **Kimberly Sangster**, assistant professor of social work

"Antioxidant enzymes mediate the survival of ECM-detached ovarian cancer cells"

**Calli Versagli '09**, assistant professor of biology

"Just water? Exploring biological and social determinants of public health in Kathmandu, Nepal"

**Adrian Milos '19**, biology

"Intergenerational programs: An emerging vehicle for improving the lives of older adults"

**Kaitlin Ryczek '18**, psychology

"Gold"

**Brooke Younker '18**, English writing; Spanish and public relations and advertising minors

## Session 2: Storytelling: From Margin to Center

*Vander Vennet Theatre*

Moderator: **Jennifer Zachman**, associate professor of modern languages

"Transgender in the heartland: Seeking and finding community in small town mid-America"

**Jamie Wagman**, assistant professor of history and gender and women's studies

"Peripheral writings in the Colombian armed conflict"

**Sandra Úsuga Giraldo**, lecturer of modern languages

"English collective memory of the Victorian Age"

**Veronika Hanks '18**, gender and women's studies and global studies

"The shape of narrative: Game design"

**Krista Hoefle**, associate professor of art, **Dionne Bremyer**, assistant professor of English, **Mary Brophy '18**, English writing and humanistic studies, **Susan Kratzer '18**, English writing and political science, **Riley Harber '19**, English writing, and **Stephanie Johnson '18**, theatre

**1 – 2:20 p.m.**

## Session 1: Medieval Matters

*Earley Conference Rooms*

Moderator: **Stacy Davis**, professor of religious studies

"'Like the angels in heaven': Enticing medieval women to virginity"

**Sarah Noonan**, assistant professor of English

"Sage en fait: Morals and manners in the Middle Ages"

**Margaret Gower**, assistant professor of religious studies

"Medieval and modern mass communication: Images of women in medieval sermons"

**Jessalynn Bird**, assistant professor of humanistic studies

"Using the medieval counting table"

**Cheryl Periton**, lecturer of mathematics and computer science

## Session 2: Crime, Justice, and Politics: A Roundtable Discussion

*Earley Conference Rooms*

Moderator: **Kelly Faust**, assistant professor of sociology

"Women's involvement in post-conflict reconstruction"

**Alexandria Shambery '18**, political science and gender and women's studies

"Effects of chivalry, race, and attractiveness on crime sentencing"

**Kayla Zellmer '18**, psychology and gender and women's studies

"Gloria Frankel: LGBTQ activist and icon in 1970s Michiana"

**Jordan Lolmaugh '19**, psychology and gender and women's studies

"Loretta Ross, reproductive justice"

**Jalyn King '20**, gender and women's studies and history

## Session 3: Sound and Communication

*Vander Vennet Theatre*

Moderator: **Rhonda Tomenko**, assistant professor of communicative sciences and disorders

"Effectiveness of the cycles phonological remediation in a client with down syndrome"

**Natalie Dock '19**, **Katie Goble '18**, **Carmela LaGambina-Lockwitz '18**, and **Emily Miron '18**, communicative sciences and disorders

"Welcome home: Brazilian free-tailed bats adjust their echolocation calls to detect cave openings"

**Kathryn McGowan '19**, biology and global studies

"Francophone literature in translation"

**Riley Harber '19**, English writing and French; gender and women's studies minor

**2:30 – 3:50 p.m.**

## Session 1: Migration and Mobility

*Vander Vennet Theatre*

Moderator: **Laura Elder**, assistant professor of global studies

"Limb bone scaling of functionally divergent turtle clades"

**Vanessa Young**, assistant professor of biology

"Geographic variation in the clock gene in relation to migration in the blackpoll warbler"

**Melissa Montes '18**, biology

"Picturing the South in the 1950s: Traveling with Robert Frank and Gordon Parks"

**Peter Wang**, visiting assistant professor of art

"The second generation"

**Nicole Caratas '18**, English writing and humanistic studies

## Session 2: Gender, Race, and Popular Culture: A Roundtable Discussion

*Earley Conference Rooms*

Moderator: **Bettina Spencer**, associate professor of psychology and gender and women's studies

"Fractured friendships and finding oneself: Adolescent girls losing friends but finding their voices in recent young adult literature"

**Terri Suico**, assistant professor of education

"Heroes and sheroes: The effects of children's exposure to superhero dolls on assumptions about what boys and girls can do"

**Julia Sturges '18**, psychology and gender and women's studies

"Who tells your story: Lin Manuel Miranda's color conscious casting and the women of *Hamilton*"

**Katherine Wankelman '20**, gender and women's studies and social work

## SENIOR SHOWCASE AND SOCIAL HOUR

*Rice Commons, Student Center*

**4 – 5:30 p.m.**

### Welcome

Opening remarks by **President Janice A. Cervelli**

### Performances

Reading from "Irreconcilable Visions"

**Olivia Jones '18**, English writing

TED-style talk "Practical design: Addressing the struggles of motherhood within the refugee crisis"

**Stephanie Stapleton '18**, art

Senior voice recital

**Katherine Freed '18**, music

## Poster Session

---

### ART

"Concept of a collector"

**Mia Kincaid '18**, art and humanistic studies

### BIOLOGY

"The effect of altitude on frequency and duration of echolocation calls of *Tadarida brasiliensis* recorded with an unmanned aerial vehicle during re-entry"

**Morgan Kinniry '18**, biology

"Peroxiredoxin 2 and its role in metastasis of ovarian cancer"

**Darya Bondarenko '18**, biology; chemistry and studio art minors

### BUSINESS AND ECONOMICS

"Comprehensive project on Target Corporation"

**Sarah Connaughton '18**, accounting; finance concentration, **Anna McCambridge '18**, business administration; management and marketing concentrations, **Ming Sun '18**, business administration; finance, international business, and management concentrations, and **Mary Clare Vicenzi '18**, accounting

"Comprehensive project on Groupon, Inc."

**Lillian Freund '18**, business administration; marketing concentration, **Theresa McSorley '18**, business administration; finance and marketing concentrations, **Katherine Ryan '18**, accounting, and **Jamie Moran '18**, business administration; marketing concentration, in absentia

### CHEMISTRY

"Influence of microparticle surface curvature on particle-cell interactions"

**Leah Buck '18 (ND '19)**, chemistry and chemical engineering; mathematics and physics minors

"Using peptide mimetics to study the activity of mitochondrial proteases"

**Catherine (Kate) McMahon '18**, chemistry

### COMMUNICATION STUDIES

"Fashionable ethics, communication studies and theatre"

**Emily Lenahan '18**, communication studies; public relations and advertising and sociology minors

"Amazing grace: A generic criticism of Barack Obama's eulogy to Clementa Pinckney"

**Colleen Zewe '18**, communication studies

### COMMUNICATIVE SCIENCES AND DISORDERS

"Phonetic and lexical context effects of speech perception in noise in children"

**Emily Baert '18**, communicative sciences and disorders and sociology, **Hannah Beach '18**, communicative sciences and disorders; gerontology minor, and **Katherine Goble '18**, communicative sciences and disorders and psychology; early childhood education minor

### ENGLISH

"Evaluating the ethics of reporting on humanitarian crises in Joe Sacco's *Palestine*"

**Martha Reilly '18**, English literature

### ENVIRONMENTAL STUDIES

SISTAR Project

"Responding to Pope Francis' call to action: A Saint Mary's College farm-to-table coffee shop"

**Jennifer Hagenauer '18**, global studies; environmental studies minor

"The impacts of the global gag rule on family planning services and environmental health in sub-Saharan Africa"

**Malia Hosoi-Gallucci '18**, global studies; environmental studies minor

### GENDER AND WOMEN'S STUDIES

"The ownership of birth: How American capitalism restricts women's authority over their own maternity care"

**Caitlin Mahoney '18**, gender and women's studies

"20<sup>th</sup> Century marijuana: Understanding its race and gender politics from illegalization to the war on drugs"

**Nina Steele '18**, gender and women's studies

### GLOBAL STUDIES

"Argentinian dictatorship: An analysis of truth and memory building after violations of human rights to bring justice"

**Louise Chetcuti '18**, global studies; international development concentration and Spanish; business administration minor

"Maternal and infant healthcare: Comparing refugee experiences in the Dominican Republic to Spain"

**Megan Uekert '18**, global studies; intercultural studies concentration; chemistry minor

## HISTORY

"The decision that divided the nation: The effect of the Korematsu decision on the national narrative of citizenship"

**Lillian Cronin '18**, history and political science

"Rwanda's construction of memorial sites and a national narrative: Collective memory and continued violence in the aftermath of a genocide"

**Alison Tipton '18**, history and philosophy

## HUMANISTIC STUDIES

"Anne of Austria: Mother, regent, queen"

**Anastasia Bradley '18**, humanistic studies; business administration minor

"Social status and slavery in Aphra Behn's *Oroonoko*"

**Katherine Piscione '18**, humanistic studies and philosophy

## MATHEMATICS AND COMPUTER SCIENCE

"Juvenile recidivism in Iowa's First District"

**Emma Foley '18 (ND '19)**, mathematics and civil engineering

"The extraction of roots as explained in Robert Recorde's *The Whetstone of Witte*"

**Sarah Kaltenbach '18 (ND '19)**, mathematics and mechanical engineering

## MODERN LANGUAGES

"Women writing men: The portrayal of masculinity in two 20<sup>th</sup>-Century Spanish novels"

**Michelle Casado '18**, Spanish

"A clear conscience: Literature, news, and social justice in Spain"

**Emma Green '18**, Spanish

## MUSIC

"Music and its effects on individuals with dementia"

**Franny Wall '18**, music and psychology

## POLITICAL SCIENCE

"The roots and impacts of political cynicism in the 2016 election"

**Susan Kratzer '18**, political science and English writing

"Power of population: Politics of states' LGBT policy"

**Morgan York '18**, political science and sociology

## PSYCHOLOGY

"Television's use as a coping mechanism for stress and negative emotion"

**Mara Egeler '18**, psychology; biology minor

"Time theft among newly hired graduates"

**Samantha Ricciuti '18**, psychology and communication studies

## SOCIAL WORK

"Perceptions of Islam – A generational study"

**Marilla Opra '18**, social work and global studies

"An exploration of death anxiety, religious participation, and perception of end of life among practicing Jewish and Islamic older adults"

**Evelyn Martinez '18**, social work, **Eileen Monahan '18**, social work, and **Alaine Murawski '18**, social work; gerontology minor

## SOCIOLOGY

"'I am homeless, but I'm not homeless': How guests at the Center for the Homeless construct identity"

**Emily Baert '18**, sociology and communicative sciences and disorders

## CAREER CROSSINGS

Eleanor Roosevelt Papers Project at George Washington University

**Kayse McGough '18**, history and communication studies; music minor

Internship in Senator Ted Cruz's office

**Clare McKinney '18**, political science; business administration minor

## Student Independent Study and Research (SISTAR) Awards

"Modeling addiction relapse-recovery cycling, case study: Alcoholism"

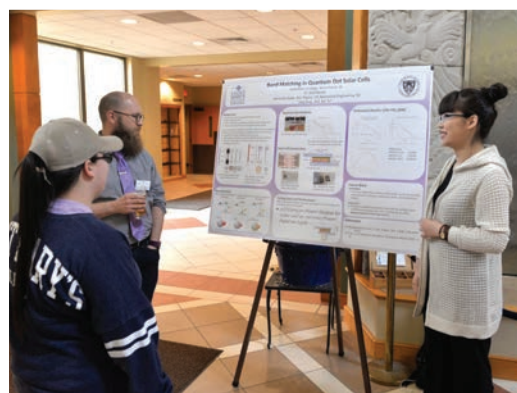
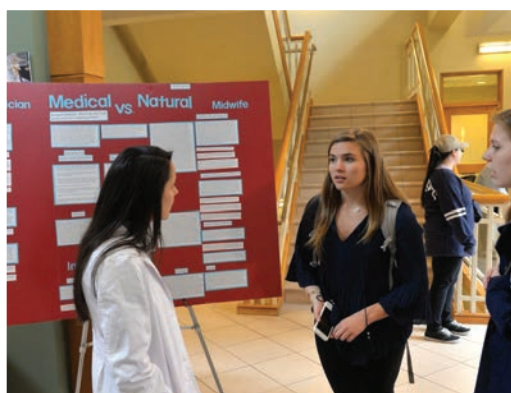
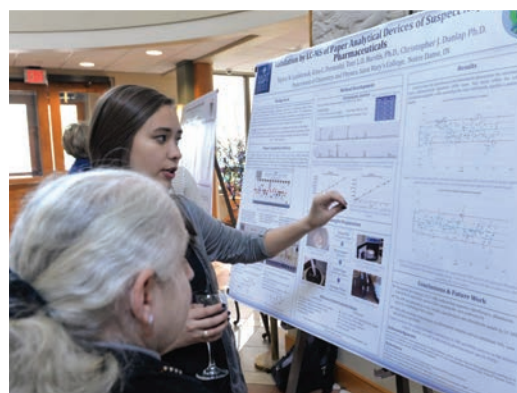
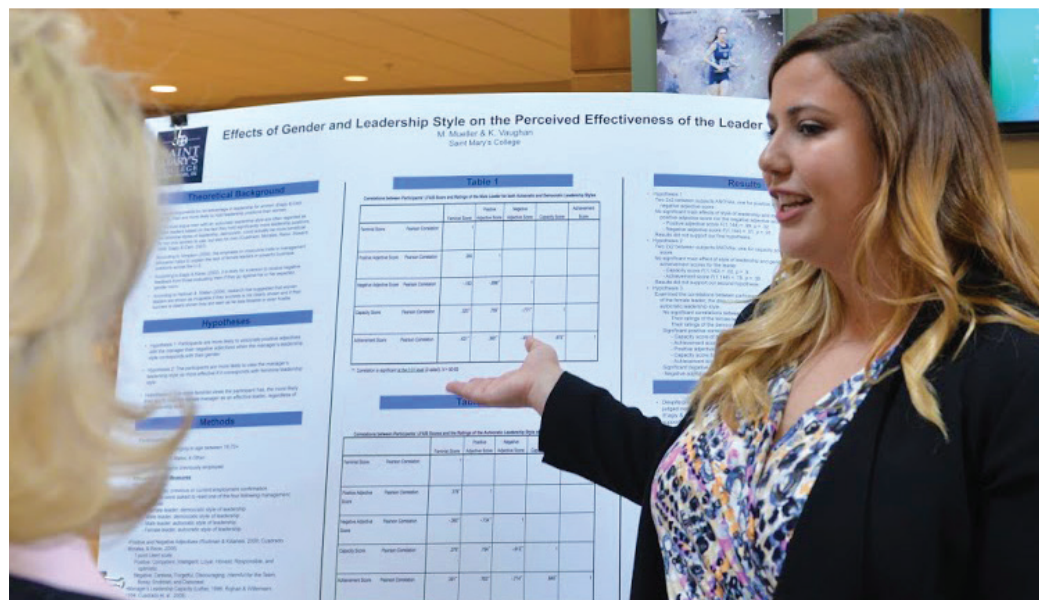
**Monica McGrath '19**, statistical and actuarial mathematics; computer science minor and **Jacob Duncan**, assistant professor of mathematics and computer science

"What does it mean to be a teacher in a rural school? A case study of teachers in White County, IN"

**Kristie LeBeau '18**, sociology and **Leslie Wang**, associate professor of sociology

"Responding to Pope Francis' call to action: A Saint Mary's College farm-to-table coffee shop"

**Jenny Hagenauer '18**, global studies; environmental studies minor and **Amy Gillan**, associate professor of education



## NOTES

A series of horizontal dotted lines for taking notes.





[saintmarys.edu](http://saintmarys.edu)