



# Minds@Work

## STUDENT RESEARCH CONFERENCE

AT HEIDELBERG UNIVERSITY

**Wednesday, April 10, 2019**

Keynote: 11:00AM | Rickly Chapel  
 Lunch: 12:00 PM | Wickham Great Hall  
 Poster Presentations: 12:30 PM | Campus Center 120  
**For more information, visit [mindsatworksrc.com](http://mindsatworksrc.com).**

### 9:00 am

- Haley Hudler**  
Bareis 106  
*Paul Sittason Stark*  
*Christianity Helped Racism in America?*
- Caleb Gerber**  
Bareis 204  
*Justin A. Pruneski*  
*The Antibiotic Crisis: A Multi-Pronged Approach to Raise Awareness of an Important Public Health Concern*
- Marianne Coward and Rebecca Radabaugh**  
Bareis 213  
*Jenna R. Suffel*  
*Collaboration Between Chiropractors and Physical Therapists*
- Lindsey Robinson**  
Adams 101  
*Lindsey Haubert*  
*TEACH-n-STEAM*
- Katie Bauman**  
Adams 104  
*Dan Higgins*  
*A Savior to Smokers or a Gateway to Addiction: An Exploration of the Juul*
- Morgan Daniels**  
Adams 201  
*Pamela Faber*  
*What is Sexually Attractive?*
- Alexander J. Engelhardt**  
Adams 204  
*Maef Woods*  
*Cyber-security in the Accounting Profession*

### 9:30 am

- Kenneth Beucler**  
Bareis 106  
*Maef Woods*  
*How Does the Tax Cuts and Jobs Act of 2017 Affect the Funding of Nonprofit Organizations?*
- Kiera Malone**  
Bareis 204  
*Nathaniel R. Beres*  
*Extraction and Purification of Insulin from Pancreata to Explore the Application of Insulin Production as Treatment for Type One Diabetes*
- Lina Weinert**  
Bareis 213  
*Marc O'Reilly*  
*Process Evaluation in the VESPEERA Admission and Discharge Model in Germany - Specialist Physicians' Behavior in Hospital Admissions and Communication with Other Care Providers*
- McKenna Essman**  
Adams 101  
*Courtney Demayo*  
*Cecil Rhodes and The Greed for Africa*
- Gavin Hubbard**  
Adams 104  
*Stephen Svoboda*  
*Politics and Gay Theatre: Political and Social Climate and their Effects on the Gay Identity*
- Alesha Hanna**  
Adams 201  
*Janet Rozick*  
*Seneca County Impact on the War of 1812*
- Elizabeth Holland**  
Adams 204  
*David P. Kimmel*  
*Swimming in Sirensia: An Overview of the Fantasy World-Building Process*

### 10:00 am

- Kristina Confesor**  
Bareis 106  
*Kylee M. Spencer*  
*What are the Similarities? A Comparison of Chloroplast DNA in Maple Species*
- Abigail P. Reed**  
Bareis 204  
*Traci Sittason Stark*  
*Psychology, Feminism, and Film: Is the Industry Keeping Up to Date?*
- Wesley Fritz**  
Bareis 213  
*Maef Woods*  
*The Risks and Opportunities of Blockchain in the Accounting Profession*
- Kevin L. Scrudders**  
Adams 101  
*Nathaniel R. Beres*  
*Antimicrobial Properties of Menthol and its Derivatives*
- Alexandra J. Chakov**  
Adams 104  
*David P. Kimmel*  
*Technical Writing for Women's Health and Sports*
- Kyrsten M. Lilly**  
Adams 201  
*Stephen Svoboda*  
*Costume Design: Penguins Take on the Festival Fringe*
- Naomi C. Smith and Danielle Rathfon**  
Adams 204  
*Ryan Musgrave*  
*Speed of Saccades Test as a Diagnostic Tool for Concussions*

### 10:30 am

- Justine M. Mitchell**  
Bareis 106  
*Lauren Louise Belliveau*  
*Case Study: Distal Radius Fracture*
- Jessica H. Sucheck**  
Bareis 204  
*Justin A. Pruneski*  
*Collecting Student Data to Inform Course Revisions to an Introductory Biology Course (BI0123)*
- McKenna Essman**  
Adams 101  
*Courtney DeMayo Pugno*  
*Creepy Winchester!*
- Melanie R. Cohn**  
Adams 104  
*Amy C. Berger*  
*Sediment Composition in the Barrier Reef System near San Pedro, Belize*
- Stephanie J. Cluck**  
Adams 201  
*Traci Sittason Stark*  
*The Effects of Having the Mentally Ill in the Prison System*
- Natalie Arnold**  
Adams 204  
*Maef Woods*  
*Health Care Fraud*

### 11:00 am

- Keynote Address: Julie Reynolds**  
Rickly Chapel  
*What People Think Researchers Do/What They Actually Do*
- 12:00 pm**
- Luncheon**  
Wickham Great Hall
- 12:30 pm**
- Poster Sessions**  
Campus Center 120  
*Schedule on reverse side*

### 1:30 pm

- Morgan E. Bingham and Benjamin L. Gutschy**  
Bareis 106  
*Ryan Musgrave*  
*Examination of the Reliability of Pedometers*
- Dillon Hoskins**  
Bareis 204  
*Jenna R. Suffel*  
*Knee Laxity Differences in ACL Reconstructed Knee and the Contralateral Healthy Knee*
- Erica Dame**  
Bareis 213  
*Barry Devine*  
*My Experiences in Wonderland*
- Clarissa Jones**  
Adams 101  
*Courtney DeMayo Pugno*  
*A Historiography of Medieval Intellectual Disability History*
- Jason Surmaceviz, Heidi Saba, Chadwick Walkins and Ashlee Beaver**  
Adams 104  
*Virginia R. Gregg*  
*The Effect of Constraints on Creativity*
- Vickey Young**  
Adams 201  
*Christine Maiberger*  
*Adhering to the Geneva Conventions on a Scale from Germany to the US*
- Hayden D. Amstutz**  
Adams 204  
*Maef Woods*  
*Sustainability Reporting*
- 2:00 pm**
- Myron Prewitt**  
Bareis 106  
*Maef Woods*  
*Ethics Training in Accounting*
- Ethan P. Miller**  
Bareis 204  
*Emily Isaacson*  
*Patriarchal Control and Gender Theory: Angels in America*
- Julie Hild**  
Bareis 213  
*Cynthia Lepeley*  
*Women in Spain: The Forgotten Majority*
- Hunter Rinard**  
Adams 101  
*Maef Woods*  
*Comparison of GASB, FASB, and FASAB in Terms of Revenue Recognition*
- Hollie M. Dunn**  
Adams 104  
*Mark E. Mitchell*  
*The Correlation of Cricket Stridulation and Temperature and Relationship to Reproductive Success*
- Lina Weinert**  
Adams 201  
*Marc J. O'Reilly*  
*Brexit - Overview and Outlook from a European Perspective*
- Rebekah A. Marsteller**  
Adams 204  
*David G. Hogan*  
*How your Favorite Desserts got to America*

### 2:30 pm

- Madison L. Flory**  
Bareis 106  
*Kylee M. Spencer*  
*A Comparison of Visual and Genetic Dog Breed Identification*
- Allison M. Prayner**  
Bareis 204  
*Stacey Pistorova*  
*Are we Preparing Teachers to Work with Students with Disabilities?*
- Molly Burkholder**  
Bareis 213  
*Barry Devine*  
*Ethics in AI*
- Eric Peterson**  
Adams 101  
*Maef Woods*  
*Accounting for Human Capital*
- Judy Smith**  
Adams 104  
*Remegio Confesor*  
*Development of Climate Impact Indicators (CIIs) for the Maumee Watershed*
- Kasandra A. Christner and Danielle Lester**  
Adams 201  
*David P. Kimmel*  
*Sex and Power: A Look Into the Social Dynamics of Editing*
- Ashley Dawson**  
Adams 204  
*Carol Dusdieker*  
*Teaching Through Transition: Transgender Students in the Voice Studio*

### 3:00 pm

- Collin Pecoraro**  
Bareis 106  
*Ryan Musgrave*  
*Perceptions of Cochlear Implants*
- Ty Garrett**  
Bareis 204  
*Diane Kathleen Monaco*  
*Privatization of Roads in America*
- Mya White**  
Bareis 213  
*Marc J. O'Reilly*  
*The Czech Republic: A New Country with a lot of History*
- Paige M. Paxson**  
Adams 101  
*Maef Woods*  
*A Comprehensive Comparison Between Internal and External Audit*
- Matthew Cooper**  
Adams 104  
*Pamela Faber*  
*The Dark Side of Teeth Whitening: An Evaluation of the Efficacy of Activated Charcoal as a Teeth Whitening Agent*
- Brenda C. Waite**  
Adams 201  
*Robin L. Heaton*  
*Persuasion in M\*A\*S\*H\**
- Hsin-Ying Teng**  
Adams 204  
*Steven Svoboda*  
*Theatre Interpretation Of LGBTQ+ in the West or East*
- 3:30 pm**
- Allison M. Sumser**  
Adams 101  
*Maef Woods*  
*Accounting for Acquisitions: The Complexity of Cross-Border Business Combinations*
- Lo Jackson**  
Adams 104  
*Stephen Svoboda*  
*Boxes: What Our Labels Make of Us*

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**12:30 pm: Poster Presentations | Campus Center 120**

**Ashley Mermolia**

*Lauren Louise Belliveau*  
Posterior Labrum Fraying From Tubing Accident

**Ivan J. Franks**

*Diane Kathleen Monaco*  
Solar Power as an Emerging Market

**Allison L. Heacock**

*Traci Sittason Stark*  
An Internship at Wynford Local Schools

**Jessica J. Burge**

*Traci Sittason Stark*  
Internship at Firelands

**Amier N. Cobb-Bradley**

*Diane Kathleen Monaco*  
Non-Profit Organizations and Their Effect upon the Economy and the Significance of Financial Accounting

**Joseph D. Tallarico**

*Jena R. Suffel*  
Demographic Outlook on Organ Donations and Donors

**Morgan Strenk and Jack Haley**

*Jena R. Suffel*  
Gluteus Medius

**Michael R. Ringler**

*Virginia R. Gregg*  
The Effect of Note-Taking Style and Color on Memory and Learning

**Andrea S. Russell**

*Pamela Faber*  
Efficacy of Soil-Derived Antibiotic Producers with a New Bandaging Technique as a Treatment for *Staphylococcus aureus*-Infected Rat Wounds

**Andrew J. Grothouse and Katie Keegan**

*Jenna R. Suffel*  
Concussions and CTE - Influencing Participation in Sports

**Jessica H. Sucheck**

*Justin A. Pruneski*  
Using a Comparison Across the Spectrum of High School and Undergraduate Introductory Biology Courses to Inform Curriculum Changes

**Daniel Johnson**

*Diane Kathleen Monaco*  
Crisis on Oil Dependent Countries

**Jaret C. Miller**

*Pamela Faber*  
Contraceptive Effect of Queen Anne's Lace (*Daucus carota*) Seed on Female Rats

**Amanda Sugrue**

*Nathaniel R. Beres*  
The Quantification of Nitric Oxide Released from a Wound Healing Patch

**Michaela Slone and Spencer Geil**

*Ryan Musgrave*  
Heidelberg Student's Perception of Concussion Knowledge, in Particular Return-to-Learn and Return-to-Play

**Taylor Rodriguez**

*Ryan Musgrave*  
Runners Hip Flexion and Adduction ROM Relationship to IT Band Injuries

**Katerina Baker**

*Ryan Musgrave*  
Student-Athletes and Academics

**Lauren E. Simonski**

*Traci Sittason Stark*  
SMYL

**Nathaniel C. Good**

*Traci Sittason Stark*  
CASA Internship

**Meridith Lucius**

*Neil Sass*  
Project H.O.P.E.



Scan the QR Code to access the Abstracts for the 2019 Minds@Work Student Research Conference