



# CATHOLIC UNIVERSITY **RESEARCH DAY**

April 7, 2022

Presentations, Keynote Speeches, and Performances!

[research-day.catholic.edu/](https://research-day.catholic.edu/)

#CUatResearchDay



**THE CATHOLIC UNIVERSITY OF AMERICA**

For disability accommodations, please email [provost@cua.edu](mailto:provost@cua.edu).

# CATHOLIC UNIVERSITY RESEARCH DAY 2022 PROGRAM

## **Instructions for the in-person and online presentations:**

1. Using the Table of Contents, you can navigate to the section of your choice.
2. To attend presentations in-person, refer to the room assignment in the program.
3. To view presentations online, click on the title of the presentation you would like to view. This will open a folder with one or more files. Click on the poster or presentation file to open and view it.
4. If you have a question for the presenter online, click to open the Q&A file located in the corresponding session to enter the question and check for the answer.
5. If you have a general comment or suggestion on URD 2022, please navigate to the last page, and follow the link to enter your feedback.

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# Welcome to University Research Day 2022

Welcome to Catholic University's Research Day 2022! This year, you'll be able to explore an extraordinary array of research being conducted by students, faculty, and staff of The Catholic University of America. The hallmarks of this research are its innovation, diversity, and global nature. This year's seventh annual University Research Day is both an in-person and virtual event, making it an exciting day on campus while also reaching out to a global audience.

This event, which has become part of the culture of Catholic University, began in 2016 with the inspiration and hard work of NCSSS professor Melissa Grady, and the support of former Provost Andrew Abela. Since the success of that first University Research Day, subsequent annual events have grown and introduced new additions, such as performances, interactive demonstrations, and online presentations.

This year, we are excited to offer a full day of research in-person and online, beginning with an address by Provost Dominguez and Keynote Speaker Dr. Bui. Audiences can then explore presentations of research topics on campus or online, including 57 oral presentations, more than 110 poster presentations, many musical performances and a number of research organizations on campus. The event will culminate with a live awards ceremony in which the Provost will announce and speak with the winners.

Understandably, this event has taken many hands to put together. We want to thank Provost Dominguez for his strong support for research and the University Research Day 2022 Planning Committee, and the University's Web Services team for their work to present an inspiring day of research!

Most importantly, we are also grateful to you, the presenters, University community, and our family and friends, for your enthusiasm and excitement about this day. Enjoy!

Becky Robert and Elizabeth Edinger  
URD 2022 Co-Chairs

# University Research Day 2022 Planning Committee

Rebecca Robert, Co-Chair – Conway School of Nursing  
Elizabeth Edinger, Co-Chair – Columbus School of Law  
Ralph Albano – Office of the Provost  
Glenn Østen Anderson – School of Arts & Sciences (Media Studies)  
Patricia Andrasik – School of Architecture and Planning  
Sr. Nancy Bauer – School of Canon Law  
Victor David – Residence Life  
Duilia de Mello – Office of the Provost  
Michaela Farber – National Catholic School of Social Service  
Sam Fisher – School of Arts & Sciences (History)  
Stephen Gorbos – Rome School of Music, Drama, and Art  
Kevin Gunn – University Libraries  
Maria Letizia – Undergraduate Representative to the Committee  
Lawrence McCrobie – School of Arts and Sciences (Education)  
Maryrose McInerney – Alumni Representative  
Greg Miller – School of Arts and Sciences (Chemistry)  
Nelson Minnich – School of Theology and Religious Studies  
Jo Anna Norris – Alumni and Advancement  
Christopher Raub – School of Engineering (Biomedical Engineering)  
Jeanine Reilly – Graduate Assistant to the Committee  
Mataya Skraba – Graduate Assistant to the Committee  
Jack Yoest – Busch School of Business

# University Research Day 2022 Schedule

April 7, 2022

- 9:00 am - Welcome and “State of the STEM Workforce” by Provost Aaron Dominguez** (Della Ratta Auditorium, Maloney Hall)
- 9:25 am - "Progress in Bringing DNA Computers to Life" by Keynote Speaker Dr. Hieu Bui** (Della Ratta Auditorium, Maloney Hall)
- 9:45 am - Break**
- 10:00 am -11:00 am - Oral Presentation Sessions 1 (A-F)** (Assigned rooms below)
- 11:00 am - Break**
- 11:15 am - 12:15 pm - Oral Presentation Sessions 2 (A-F)** (Assigned rooms below)
- 12:15 pm - Lunch** (Food trucks McMahon Circle 11:00 am -2:00 pm)
- 12:30 pm - 2:00 pm - Live Musical Performances** (Pryzbyla Center)
- 1:30 pm - 3:30 pm: Poster Session** (Pryzbyla Center)
- 3:30 pm - Break**
- 4:00 pm - Research Day Awards Ceremony** (Heritage Hall, Father O’Connell Hall)
- Faculty Awards
  - First Year Experience Essay Prize Award
  - Student Oral and Poster Presentation Awards

## Online

1. President, Provost and Keynote Speaker will be livestreamed and recordings available to view afterwards at [research-day.catholic.edu](https://research-day.catholic.edu).
2. Visit online oral and poster presentations and musical performances at anytime [research-day.catholic.edu](https://research-day.catholic.edu).

# Keynote Speech by Hieu Bui, Ph.D.

The School of Engineering  
Department of Electrical Engineering & Computer Science

## Progress in Bringing DNA Computers to Life



Dr. Hieu Bui is an assistant professor of Electrical Engineering and Computer Science and principal investigator of the Advanced Computing Laboratory at The Catholic University of America. He received his Ph.D. in Computer Science from Duke University and his M.Sc. and B.Sc. degrees from Boise State University in Electrical Engineering. Upon the completion of his postgraduate education, he taught computer science and nanotechnology courses for the Duke University and Duke Talent Identification Programs. Following that, he was a National Academies of Sciences, Engineering, and Medicine NRC postdoctoral fellow at the Center for Bio-Molecular Science and Engineering of the U.S. Naval Research Laboratory in Washington D.C. His current research activities span a broad range of areas including molecular computing, DNA nanotechnology, systems biology, bioelectronics, and nanophotonics. He has received several awards for his research including Department of Defense DTRA NRL grant, National Academy of Sciences research associateship, National Research Council outstanding publication award, Duke University Computer Science outstanding dissertation award, Duke University nanoscience fellowship, and Micron Technology scholar. His research has been published in peer-reviewed journals (i.e. Nature Nanotechnology, Nano Letters, ACS Synthetic Biology, ACS Nano, Small, New Journal of Physics), conferences (i.e. Foundations of Nanoscience, International Conference on DNA Computing and Molecular Programming, ISDRS, IEEE IRW), book chapters, and patents.

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# Campus Research Organizations

Catholic University's commitment to research is demonstrated in a variety of ways - engaging undergraduate and graduate students in research projects, faculty and student research presentations at national and international academic events, numerous published articles and books by our faculty, and through the work of the [35 research facilities on campus](#).

The following campus research organizations have contributed special presentations for Research Day 2022. Please visit them at the tables **outside of the Pryzbyla Great room**. Click on the organization names to view available online presentation materials. Use the [Campus Research Organizations Question Form](#) to ask questions online.

[CUA Press](#)

[Grants & Fellowships](#)

[Institute for Human Ecology \(IHE\)](#)

[Institute for Latin American and Iberian Studies \(ILAIS\)](#)

[Institute of Christian Oriental Research \(ICOR\)](#)

[Inventio](#)

[Rome Center](#)

[Special Collections, University Libraries](#)



# Oral Presentations

## SESSION 1: 10:00 AM - 11:00 AM

### Session 1A - Della Ratta Auditorium (Maloney Hall)

Chairperson: Mr. Kevin Gunn

Please use the [Session 1A Question Form](#) to ask presenters questions online.

|   |  |
|---|--|
| 2 | <a href="#">Optimization of Coronal Magnetic Field Models Using Coronagraph Images</a> <ul style="list-style-type: none"><li>• <b>Christopher Rura</b>, School of Arts and Sciences (Physics), Doctoral Student</li><li>• Collaborators: Vadim Uritsky, Shaela Jones, NASA Goddard Space Flight Center (GSFC), Charles Arge, NASA GSFC, Nathalia Alzate, NASA GSFC</li><li>• Advisor: Dr. Vadim Uritsky</li></ul>            |
| 3 | <a href="#">It's Important to Write, Right? A Study of the Relationship between Marketing Students and Professors on the Importance of Practicing and Improving Writing Skills</a> <ul style="list-style-type: none"><li>• <b>Bridget Guinee</b>, School of Arts and Sciences (English), Undergraduate</li><li>• Advisor: Dr. Taryn Okuma</li></ul>  |
| 4 | <a href="#">Analysis of Graph Parameters in Evolving Networks</a> <ul style="list-style-type: none"><li>• <b>Achuna Ofonedu</b>, School of Arts and Sciences (Math), Undergraduate Student</li><li>• Advisor: Dr. Bhutani and Dr. Kalpathy</li></ul>   |
| 5 | <a href="#">Negative Cognitions and Mental Health Impact of COVID-19: Moderating Role of Social-Problem Solving Skills</a> <ul style="list-style-type: none"><li>• <b>Marian Ruiz</b>, School of Arts and Sciences (Psychology), Doctoral Student</li><li>• Collaborators: David Gantz, Julia Pilavdzic, Olga Revzina, Zohaib Jessani, Ershia François, Abby Adler Mandel</li><li>• Advisor: Dr. Abby Adler Mandel</li></ul> |

### Session 1B - Hertzfeld Auditorium (Hannan 108)

Chairperson: Dr. Duilia de Mello

Please use the [Session 1B Question Form](#) to ask presenters questions online.

|   |  |
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| 6 | <a href="#">Cruel and Unusual Youth Confinement</a> <ul style="list-style-type: none"><li>• <b>Professor Cara Drinan</b>, Columbus School of Law, Faculty</li></ul>  |
| 7 | <a href="#">Which Books Belong in the Bible? Some Suggestions from a 7th-Century Syriac Scholar</a> <ul style="list-style-type: none"><li>• <b>Brett LaPrad</b>, School of Arts and Sciences (Semitics), Doctoral Student</li><li>• Advisor: Dr. Aaron Butts</li></ul>   |
| 8 | <a href="#">Collegiate Athlete Recommendations for Improving Mindfulness Training</a> <ul style="list-style-type: none"><li>• <b>Claire Flannery</b>, School of Arts and Sciences (Psychology), Undergraduate</li><li>• Collaborators: Hannah M. Thomas (Montclair State University), Caroline H. Weppner (University of Texas), Thomas O. Minkler (West Virginia University), Megan Hut (West Virginia University)</li><li>• Advisor: Dr. Carol Glass</li></ul> |

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| 9  | <a href="#">At Home Sciatica Therapy Device</a> <ul style="list-style-type: none"> <li>• <b>Elizabeth Staten</b>, School of Engineering (Biomedical), Undergraduate</li> <li>• Collaborators: Troy Young, Jacob Tribull, Ameer Antar, Shaila Biswas</li> <li>• Advisor: Dr. Nathan Neckel</li> </ul> |
| 10 | <a href="#">Regulating Exuberance: How Temperament and Emotion Regulation Influence Later Socioemotional Functioning</a> <ul style="list-style-type: none"> <li>• <b>Sarah Kravitz</b>, School of Arts and Sciences (Psychology), Doctoral Student</li> <li>• Advisor: Dr. Kathryn Degnan</li> </ul> |

## Session 1C - Hannan 106

Chairperson: Sr. Nancy Bauer

Please use the [Session 1C Question Form](#) to ask presenters questions online.

|    |   |
|----|---|
| 11 | <a href="#">Military parents' perceptions of separation for their younger children</a> <ul style="list-style-type: none"> <li>• <b>Dr. Janice Agazio</b>, Conway School of Nursing, Faculty</li> <li>• Collaborators: Capt. Craig Cunningham, Danielle Amos-Mejia</li> </ul>  |
| 12 | <a href="#">"Power Made Perfect:" Sanctification and Beauty in Bonaventure's Theological Aesthetics</a> <ul style="list-style-type: none"> <li>• <b>Julia Sedlack</b>, School of Arts and Sciences (Medieval and Byzantine), Masters Student</li> <li>• Advisor: Dr. Joshua Benson</li> </ul>   |
| 13 | <a href="#">Modifier Use, Word Count, Emotional Tone, and Response Context within Written Assessment Responses of Teens Who are Suicidal</a> <ul style="list-style-type: none"> <li>• <b>Madeline Seeley-Hacker</b>, School of Arts and Sciences (Psychology) Undergraduate</li> <li>• Advisor: Dr. David Jobes</li> </ul>              |
| 14 | <a href="#">Innovation and Ideology: The Cartoons, Movies, and Theme Parks of Walt Disney</a> <ul style="list-style-type: none"> <li>• <b>Christian Bordak-Roseman</b>, School of Arts and Sciences (History), Undergraduate</li> <li>• Advisor: Dr. Thomas Cohen</li> </ul>  |
| 15 | <a href="#">Identifying Plastic Waste Source Locations within the Anacostia Watershed</a> <ul style="list-style-type: none"> <li>• <b>Grace Pooley</b>, School of Engineering (Civil), Doctoral Student</li> <li>• Collaborators: Dr. Jason Davison, Dr. Matthew Jacobs, Wesley Garnes</li> <li>• Advisor: Dr. Jason Davison</li> </ul> |

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## Session 1D - Koubek Auditorium (Crough Center for Architectural Studies and Technology)

Chairperson: Dr. Christopher Raub

Please use the [Session 1D Question Form](#) to ask presenters questions online.

|    |  |
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| 41 | <a href="#">The Value of Wisdom Through Experience – Sustainable Heritage</a> <ul style="list-style-type: none"> <li>• <b>Dr. C.J. Howard</b>, School of Architecture and Planning, Faculty</li> </ul>   |
| 42 | <a href="#">Effect of Jasplakinolide and PKC<math>\epsilon</math> inhibitor on MDA-MB-231 cells in 2-D migration assay</a> <ul style="list-style-type: none"> <li>• <b>May Rajtboriraks</b>, School of Engineering (Biomedical), Undergraduate</li> <li>• Collaborators: Van Lam, Catholic University of America</li> <li>• Advisor: Dr. Christopher Raub</li> </ul>   |
| 43 | <a href="#">Exploring the Physical Mechanisms of the Dayside Magnetopause Current System</a> <ul style="list-style-type: none"> <li>• <b>Jason Beedle</b>, School of Arts and Sciences (Physics), Doctoral Student</li> <li>• Collaborators: D. J. Gershman (NASA Goddard Space Flight Center), V. M. Uritsky (CUA), T. D. Phan (University of California Berkeley), and B. L. Giles (NASA Goddard Space Flight Center)</li> <li>• Advisor: Dr. Vadim Uritsky</li> </ul> |
| 44 | <a href="#">Moderating Effects of Social Skills on the Relationship Between Externalizing Problems and Academic Difficulties</a> <ul style="list-style-type: none"> <li>• <b>Melissa Kravets</b>, School of Arts and Sciences (Psychology), Masters Student</li> <li>• Advisor: Dr. Brendan Rich</li> </ul>  |
| 45 | <a href="#">Fabrication and Refinement of BreakaWAY Device for a Lower Limb Osseointegrated Prosthetic</a> <ul style="list-style-type: none"> <li>• <b>Marshall Mendoza</b>, School of Engineering (Biomedical), Undergraduate</li> <li>• Collaborators: Christine Motz, Sonia Bautista, Joseph Peluso</li> <li>• Advisor: Dr. Danek, Dr. Behrmann</li> </ul>  |

## Session 1E - Keane Auditorium (McGivney Hall)

Chairperson: Professor Patricia Andrasik

Please use the [Session 1E Question Form](#) to ask presenters questions online.

|    |   |
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| 21 | <a href="#">Perspectives of CUA faculty regarding internet based (ZOOM or equivalent) communication, as used in faculty or professional group meetings</a> <ul style="list-style-type: none"> <li>• <b>Dr. Marye Kellermann</b>, Conway School of Nursing, Faculty</li> </ul>                           |
| 22 | <a href="#">Rehabilitation Robot to Restore Finger Movement Post Stroke</a> <ul style="list-style-type: none"> <li>• <b>Lauren Zelnik</b>, School of Engineering (Biomedical), Undergraduate</li> <li>• Collaborators: Katie Cusumano, Preston Jeffrey</li> <li>• Advisor: Dr. Sang Wook Lee</li> </ul> |
| 23 | <a href="#">Advances in 3D Point Cloud Compression: A Comparative Study</a> <ul style="list-style-type: none"> <li>• <b>Mai Bui</b>, School of Engineering (Electrical-CS), Masters Student</li> <li>• Advisor: Dr. Hang Liu</li> </ul>   |

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| <b>24</b> | <a href="#">Common Reservations: Politics of the Person in Catholic, Protestant, and Afrocentric Thought</a> <ul style="list-style-type: none"> <li>• <b>Micah Harris</b>, School of Arts and Sciences (Politics), Doctoral Student</li> <li>• Advisor: Dr. David Walsh</li> </ul> |
| <b>25</b> | <a href="#">Immigrant Electoral Participation in the United States: From Tammany Hall to Today</a> <ul style="list-style-type: none"> <li>• <b>Jordan Farrell</b>, School of Arts and Sciences (Politics), Undergraduate</li> <li>• Advisor: Dr. John White</li> </ul>             |

## Session 1F - Gowan Auditorium

**Chairperson:** Professor Glenn Østen Anderson and Dr. Xiaolong Luo

Please use the [Session 1F Question Form](#) to ask presenters questions online.

|           |  |
|-----------|--|
| <b>16</b> | <a href="#">Help-Seeking Behaviors in Math Students</a> <ul style="list-style-type: none"> <li>• <b>Dr. Kathryn Bojczyk</b>, School of Arts and Sciences (Education), Faculty</li> <li>• Collaborator: Professor Anita Shagnea</li> </ul>  |
| <b>17</b> | <a href="#">An Improved Encoding Scheme to Encode Digital Data into DNA as Storage Medium</a> <ul style="list-style-type: none"> <li>• <b>Hoang Cao</b>, School of Engineering (Electrical-CS), Doctoral Student</li> <li>• Advisor: Dr. Hieu Bui</li> </ul>   |
| <b>18</b> | <a href="#">The Use of Miracles in the Teutonic Order's Chronicle of the Baltic Crusades as Theological Justification and Legitimacy</a> <ul style="list-style-type: none"> <li>• <b>Drew Forthman</b>, School of Arts and Sciences (Medieval and Byzantine), Undergraduate</li> <li>• Advisor: Dr. Jennifer Paxton</li> </ul> |
| <b>19</b> | <a href="#">A Comprehensive AI System for Human Emotion Recognition</a> <ul style="list-style-type: none"> <li>• <b>Robert Clement</b>, School of Engineering (Electrical-CS), Undergraduate</li> <li>• Collaborators: Achuna Ofonedu, James Strawa, Zachary Rinehart</li> <li>• Advisor: Dr. Lin-Ching Chang</li> </ul>       |
| <b>20</b> | <a href="#">Change, Stress, Gratitude, and Life Satisfaction Among College Students During the COVID-19 Pandemic</a> <ul style="list-style-type: none"> <li>• <b>Carolyn Albright</b>, School of Arts and Sciences (Psychology), Undergrad</li> <li>• Advisor: Dr. Marcie Goeke-Morey</li> </ul>                               |

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# Oral Presentations

## SESSION 2: 11:15 AM - 12:15 PM

### Session 2A - Della Ratta Auditorium (Maloney Hall)

Chairperson: Mr. Ralph Albano

Please use the [Session 2A Question Form](#) to ask presenters questions online.

|    |   |
|----|---|
| 26 | <a href="#">MIAs of the Vietnam War: Recovering America's Fallen Heroes</a> <ul style="list-style-type: none"><li>• <b>Dr. David Clark</b>, School of Arts and Sciences (Anthropology), Faculty</li></ul>   |
| 27 | <a href="#">Airway Simulator for Intubation Training</a> <ul style="list-style-type: none"><li>• <b>Evan Hochstadter</b>, School of Engineering (Biomedical), Undergraduate</li><li>• Collaborator: Nhi Nguyen,</li><li>• Advisor: Dr. Bill Howie</li></ul>   |
| 28 | <a href="#">CUA MS 240: Reading the Renaissance Collaboratively</a> <ul style="list-style-type: none"><li>• <b>Mikkaela Bailey</b>, School of Arts and Sciences (History), Doctoral Student</li><li>• Collaborators: Jane Maschue, Amos Bronner, Taylor Kniphfer, Daniel Yarian, James Buchanan</li><li>• Advisor: Dr. Larry Poos</li></ul> |
| 29 | <a href="#">Creating DNA models with CaDNAno and CanDo</a> <ul style="list-style-type: none"><li>• <b>David Olumilua</b>, School of Engineering (Electrical), Undergraduate</li><li>• Advisor: Dr. Hieu Bui</li></ul>   |
| 30 | <a href="#">Theme Park Crowd Management: A Retrospective Look and an Inquiry into the Future</a> <ul style="list-style-type: none"><li>• <b>Luke Neely</b>, School of Architecture and Planning, Undergraduate</li><li>• Advisor: Professor John Yoest</li></ul>  |

### Session 2B - Hertzfeld Auditorium (Hannan 108)

Chairperson: Professor Jack Yoest and Professor Anita Shagnea

Please use the [Session 2B Question Form](#) to ask presenters questions online.

|    |   |
|----|---|
| 31 | <a href="#">Teaching Machines to Classify Galaxies - Big Data of the Huge Universe (BIDHU)</a> <ul style="list-style-type: none"><li>• <b>Dr. Duilia de Mello</b>, School of Arts and Sciences (Physics), Faculty</li><li>• Collaborators: Maggie Pearce (Bethesda Chevy Chase HS), Marcela Medicina (UNICAMP, Brazil), Ana Carolina Posses (UDP, Chile), Eduardo do Vale Simões (USP-Sao Carlos, Brazil)</li></ul> |
| 32 | <a href="#">Trafficking Candy from a Baby</a> <ul style="list-style-type: none"><li>• <b>Timothy Manion</b>, Columbus School of Law, Masters Student</li><li>• Advisor: Professor Mary Leary</li></ul>  |
| 33 | <a href="#">Archival Social Justice: Tenant-Enslaved Relationships at Old Bohemia Plantation in Maryland</a> <ul style="list-style-type: none"><li>• <b>Maria Letizia</b>, School of Arts and Sciences (Anthropology), Undergraduate</li><li>• Advisor: Dr. Laura Masur</li></ul>   |

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|    |   |
|----|---|
| 34 | <a href="#">Trust in Lime and Stone: The Device Forts of Henry VIII and English National Defense in the Sixteenth Century</a> <ul style="list-style-type: none"> <li>• <b>Paul Smith</b>, School of Arts and Sciences (History), Undergraduate</li> <li>• Advisor: Dr. Lawrence Poos</li> </ul>   |
| 35 | <a href="#">Designing a Dengue Vaccine by Crispr Engineering of Bacteriophage T4 Nanoparticles</a> <ul style="list-style-type: none"> <li>• <b>Jarin Taslem Mouroso</b>, School of Arts and Sciences (Biology), Doctoral Student</li> <li>• Collaborators: Ayobami Awe, Venigalla B. Rao</li> <li>• Advisor: Dr. Venigalla Rao</li> </ul> |

## Session 2C - Hannan 106

Chairperson: Dr. Lawrence McCrobie

Please use the [Session 2C Question Form](#) to ask presenters questions online.

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| 36 | <a href="#">Wealth Inequality and Biased Fairness Views</a> <ul style="list-style-type: none"> <li>• <b>Dr. Richard Gallenstein</b>, School of Arts and Sciences (Economics), Faculty</li> </ul>   |
| 37 | <a href="#">For the Praise of God's Glory: Worship as Identity of Deacon and Church</a> <ul style="list-style-type: none"> <li>• <b>Chase Cloutier</b>, School of Theology and Religious Studies, Doctoral Student</li> <li>• Advisor: Dr. Reinhard Huetter</li> </ul>   |
| 38 | <a href="#">The Evolution of Abortion as an Issue in the Mainstream American Political Psyche</a> <ul style="list-style-type: none"> <li>• <b>Chloe Van Syckel</b>, School of Arts and Sciences (Politics), Undergraduate</li> <li>• Advisor: Dr. John White</li> </ul>  |
| 39 | <a href="#">Golf Adaption Device for Wounded Veteran</a> <ul style="list-style-type: none"> <li>• <b>Madison Hughes</b>, School of Engineering (Biomedical), Undergraduate</li> <li>• Collaborators: Margaret Brautigan, Elizabeth Caufield, Pauline Oteyza, Ryan Walczak</li> <li>• Advisor: Dr. Greg Behrmann</li> </ul> |
| 40 | <a href="#">The Uyghur Forced Labor Prevention Act as a Model for Future Success? A New Method to Combat Labor Trafficking and Tighten Global Supply Chains</a> <ul style="list-style-type: none"> <li>• <b>Jesse Raines</b>, Columbus School of Law, Masters Student</li> <li>• Advisor: Professor Mary Leary</li> </ul>  |

## Session 2D - Koubek Auditorium (Crough Center for Architectural Studies and Technology)

Chairperson: Dr. Christopher Raub

Please use the [Session 2D Question Form](#) to ask presenters questions online.

|    |  |
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| 51 | <a href="#">Capturing early medieval art in the Digital Humanities: Strategies of Designing an Iconographic Thesaurus</a> <ul style="list-style-type: none"> <li>• <b>Dr. Lilla Kopár</b>, School of Arts and Sciences (English), Faculty</li> <li>• Collaborator: Dr. Beth Newman Ooi</li> </ul>  |
| 52 | <a href="#">Dealing With Imbalanced IDS Datasets</a> <ul style="list-style-type: none"> <li>• <b>Najmeh Abedzadeh</b>, School of Engineering (Electrical-CS), Doctoral Student</li> <li>• Advisor: Dr. Matthew Jacobs</li> </ul>   |
| 53 | <a href="#">The Relationship Between Crop Price Risk and Farmer Input Decisions in Ghana</a> <ul style="list-style-type: none"> <li>• <b>Michael McCabe</b>, School of Arts and Sciences (Economics), Undergraduate</li> <li>• Collaborators: William Batson, Brendan Eagen, Saul Gomez</li> <li>• Advisor: Dr. Richard Gallenstein</li> </ul>                         |
| 54 | <a href="#">Born to Ball: Individualized Basketball Coaching Using Artificial Intelligence &amp; Machine Learning</a> <ul style="list-style-type: none"> <li>• <b>Sarthak Regmi</b>, School of Engineering (Mechanical), Undergraduate</li> <li>• Collaborators: Alanso Johnson, Leonard Brown, Regina Vahey, Ryan Wong</li> <li>• Advisor: Dr. Chris Danek</li> </ul> |
| 55 | <a href="#">"The Forty Days of Lent according to Eusebius of Caesarea: Old Calendars, New Possibilities and the Council of Nicaea (325)"</a> <ul style="list-style-type: none"> <li>• <b>Sr. Maria Theotokos Adams</b>, School of Theology and Religious Studies (Church History), Doctoral Student</li> <li>• Advisor: Dr. Robin Darling Young</li> </ul>             |

## Session 2E - Keane Auditorium (McGivney Hall)

Chairperson: Professor Patricia Andrasik

Please use the [Session 2E Question Form](#) to ask presenters questions online.

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| 46 | <a href="#">Neurophenomenological Study of Sacred vs. Secular Architecture</a> <ul style="list-style-type: none"> <li>• <b>Dr. Julio Bermudez</b>, School of Architecture and Planning, Faculty</li> </ul>   |
| 47 | <a href="#">Searching for New Worlds in an Era of Massive Data Sets</a> <ul style="list-style-type: none"> <li>• <b>Stela Ishitani Silva</b>, School of Arts and Sciences (Physics), Doctoral Student</li> <li>• Advisor: Dr. Richard K. Barry</li> </ul>                        |
| 48 | <a href="#">The Schism between Sacred Ideals and Secular Practices in Golden Door</a> <ul style="list-style-type: none"> <li>• <b>Jonathan Norman</b>, School of Arts and Sciences (Media &amp; Communication), Undergraduate</li> <li>• Advisor: Dr. Kenyse G. Lyons</li> </ul> |
| 49 | <a href="#">To Think or Not To Think. A Deep Dive into Deep Mind</a> <ul style="list-style-type: none"> <li>• <b>Sebastian Scheller</b>, School of Engineering (Electrical-CS), Undergraduate</li> <li>• Advisor: Dr. Hieu Bui</li> </ul>  |

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| <b>50</b> | <a href="#">Social Skills and Self-Regulation Predict Academic Engagement in Elementary School Students</a> <ul style="list-style-type: none"> <li>• <b>Emma Wunningham</b>, School of Arts and Sciences (Psychology), Masters Student</li> <li>• Collaborators: Kathryn Guajardo, Brindley House</li> <li>• Advisor: Dr. Brendan Rich</li> </ul> |
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### Session 3 - Oral Presentations Online Only

**Chairperson:** Professor Elizabeth Edinger

Please use the [Session 3 Question Form](#) to ask presenters questions online.

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| <b>56</b> | <a href="#">Pediatric Clinical Conundrum: 5-Year Old Male with Dehydration and Fever</a> <ul style="list-style-type: none"> <li>• <b>Nicholas Comeau</b>, Conway School of Nursing, Doctoral Student</li> <li>• Advisor: Dr. Mary Flynn</li> </ul>   |
| <b>57</b> | <a href="#">Unprecedented Times Call for Unprecedented Measures: Inducing Social Stress in the Virtual World</a> <ul style="list-style-type: none"> <li>• <b>Elizabeth R. Greene</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>• Collaborators: Ryan Seay, Raleigh Thompson, Sheila McGreevey, Evan Hughes, Deborah Clawson</li> <li>• Advisor: Dr. Deborah Clawson</li> </ul> |
| <b>1</b>  | <a href="#">Preventing and Healing Childhood Sexual Abuse: Culturally and Spiritually Sensitive Strategies</a> <ul style="list-style-type: none"> <li>• <b>Dr. Brooks Zitzmann</b>, National Catholic School of Social Service, Faculty</li> <li>• Collaborators: Melissa D. Grady, Eileen A. Dombo, Cristina Alba, Kate Giles, Morgan Summers, Anna Altman, Risa Weinstein</li> </ul>                 |



# Poster Presentations

Pryzbyla Center Great Room: 1:30 PM - 3:30 PM

Online Poster Chairperson Session 1: Dr. Michaela Farber

Please use the [Poster Session 1 Question Form](#) to ask presenters questions online.

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| p1  | <p><a href="#">Combating Academic Perfectionism in 4th Grade Students</a></p> <ul style="list-style-type: none"> <li>• <b>Sophia Alano</b>, School of Arts and Sciences (Education), Undergraduate</li> <li>• Advisor: Dr. Rona Frederick</li> </ul>   |
| p2  | <p><a href="#">Predictors Associated with Successful Extubation in Adult Medical and Surgical ICU Patients: A Retrospective Observational Study</a></p> <ul style="list-style-type: none"> <li>• <b>Shaykhah Albashir</b>, Conway School of Nursing, Doctoral Student</li> <li>• Advisor: Dr. Rebecca Robert</li> </ul>  |
| p3  | <p><a href="#">An App for Computational Biomicroscopy Operation and Auto-calibration</a></p> <ul style="list-style-type: none"> <li>• <b>Hadeel Alqasiri</b>, School of Engineering (Biomedical), Doctoral Student</li> <li>• Collaborators: Sara, Alqasire</li> <li>• Advisor: Dr. Christopher Raub</li> </ul>  |
| p4  | <p><a href="#">Does Stretch and Compression around a Tumor Promote Breast Cancer Progression?</a></p> <ul style="list-style-type: none"> <li>• <b>Hanadi Alqosiri</b>, School of Engineering (Biomedical), Doctoral Student</li> <li>• Advisor: Dr. Christopher Raub</li> </ul>  |
| p5  | <p><a href="#">Electrical Piez impedance of Carbon Nanotube Yarns Towards Development of Multifunctional Sensors</a></p> <ul style="list-style-type: none"> <li>• <b>Mohammad Alsubhani</b>, School of Engineering (Mechanical), Doctoral Student</li> <li>• Advisor: Dr. Jandro Abot</li> </ul>   |
| p6  | <p><a href="#">Biofabrication of Living Breast Tumor Models with Cancer Cell Invasion of Surrounding Tissue</a></p> <ul style="list-style-type: none"> <li>• <b>Heba Badawood</b>, School of Engineering (Biomedical), Doctoral Student</li> <li>• Advisor: Dr. Christopher Raub</li> </ul>  |
| p7  | <p><a href="#">Poverty in Papua New Guinea</a></p> <ul style="list-style-type: none"> <li>• <b>Cameron Ballard, Jr.</b>, School of Arts and Sciences (Economics), Undergraduate</li> <li>• Advisor: Dr. Olga Urtskaya</li> </ul>   |
| p8  | <p><a href="#">Culturally Responsive Teaching: Nonverbal Awareness and Understanding Cultural Conditioning</a></p> <ul style="list-style-type: none"> <li>• <b>Sharyn Battersby</b>, Rome School of Music, Drama, and Art (Music Education), Faculty</li> </ul>  |
| p9  | <p><a href="#">"Like a Rolling Stone": Bob Dylan's Masterful Fairy Tale</a></p> <ul style="list-style-type: none"> <li>• <b>Brady Baylis</b>, School of Arts and Sciences (History), Undergraduate</li> <li>• Advisor: Dr. Thomas Cohen</li> </ul>   |
| p10 | <p><a href="#">Publishing as if Catholic Social Teaching Matters</a></p> <ul style="list-style-type: none"> <li>• <b>Gretchen Bell</b>, School of Arts and Sciences (Politics), Undergraduate</li> <li>• Advisor: Dr. Trevor Lipscombe</li> </ul>  |
| p11 | <p><a href="#">Why Do Emerging Adults Take Risks: Seeing More Benefit or Lower Risk?</a></p> <ul style="list-style-type: none"> <li>• <b>Sydney Blasi</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>• Collaborators: Grace Imondi, Lyndsey McLamb, Justine Talamayan, &amp; Rileigh Thompson</li> <li>• Advisor: Dr. Kathryn Degnan</li> </ul> |

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| p12 | <a href="#">Reimagining the Genius of Beethoven: Franz Lizt's Transcription of Beethoven's Symphony No 2 in D Major</a> <ul style="list-style-type: none"> <li>• <b>Marie-Sophie Brackstone</b>, Rome School of Music, Drama, and Art (Musicology), Undergraduate</li> <li>• Advisor: Dr. Andrew Weaver</li> </ul> |
| p13 | <a href="#">Benchy Rapid Replicator (BRR)</a> <ul style="list-style-type: none"> <li>• <b>Kaitlyn Caple</b>, School of Engineering (Mechanical/Electrical), Undergraduate</li> <li>• Collaborators: Paul Bello, Matthew D'Ortona, Luke LaRosa, Alexander Walters</li> <li>• Advisor: Dr. Sergio Picozzi</li> </ul> |
| p14 | <a href="#">The Effect of Brexit Negotiations Regarding Northern Ireland on US-UK Trade Agreement</a> <ul style="list-style-type: none"> <li>• <b>Christopher Carey</b>, School of Arts and Sciences (Economics), Undergraduate</li> <li>• Advisor: Dr. Jennifer Paxton</li> </ul>                                 |

## Online Poster Chairperson Session 2: Dr. Maryrose McInerney

Please use the [Poster Session 2 Question Form](#) to ask presenters questions online.

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| p15 | <a href="#">Academic Predictors of Trauma Symptoms Related to Mental Health Among Adolescents in Middle School and High School, Grades 7-12</a> <ul style="list-style-type: none"> <li>• <b>Katharine Carter</b>, The National Catholic School of Social Service, Doctoral Student</li> <li>• Advisor: Dr. Eun Koh</li> </ul>                    |
| p16 | <a href="#">Role of Social Referencing and Regulation for Behavioral Inhibition in Toddlerhood</a> <ul style="list-style-type: none"> <li>• <b>Gia Carusone</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>• Collaborators: Kaleigh McDonald, Margaret Roesser</li> <li>• Advisor: Dr. Kathryn Degnan</li> </ul>          |
| p17 | <a href="#">Learning Strategies and Transfer of Knowledge</a> <ul style="list-style-type: none"> <li>• <b>Sofia Castro</b>, School of Arts and Sciences (Psychology), Doctoral Student</li> <li>• Advisor: Dr. Marc Sebrechts</li> </ul>   |
| p18 | <a href="#">Close but No Cigar: Commission Errors in Prospective Memory Under Stress</a> <ul style="list-style-type: none"> <li>• <b>Catherine Cerroni</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>• Collaborators: Michelle Umali, Amelia Boardman, Evan Hughes</li> <li>• Advisor: Dr. Deborah M. Clawson</li> </ul> |
| p19 | <a href="#">What Makes a Successful Social Media Campaign for a University Organization?</a> <ul style="list-style-type: none"> <li>• <b>Nicole Cicippio</b>, School of Arts and Sciences (English), Undergraduate</li> <li>• Advisor: Dr. Okuma</li> </ul>  |
| p20 | <a href="#">Classroom Therapies for Treating PTSD in Elementary Aged Children</a> <ul style="list-style-type: none"> <li>• <b>Hannah Corcoran</b>, School of Arts and Sciences (Education), Undergraduate</li> </ul>   |
| p21 | <a href="#">New Enzyme-free Signal Molecular Detection and Disease Diagnostics</a> <ul style="list-style-type: none"> <li>• <b>Hoang Dao</b>, School of Engineering (Electrical-Computer Science), Undergraduate</li> <li>• Advisor: Dr Hieu Bui</li> </ul>  |
| p22 | <a href="#">Birth of a Nation: A Legacy of Film Technique</a> <ul style="list-style-type: none"> <li>• <b>Justus DeCelles-Zwerneman</b>, School of Arts and Sciences (History), Undergraduate</li> <li>• Advisor: Dr. Thomas Cohen</li> </ul>  |

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| p23 | <a href="#">"Women Calling Themselves Ladies": Reactions to and Experiences of General Order 28</a> <ul style="list-style-type: none"> <li>● <b>Molly DiProspero</b>, School of Arts and Sciences (History), Undergraduate</li> <li>● Advisor: Dr. Stephen West</li> </ul>  |
| p24 | <a href="#">Teaching Religion in Secondary Schools</a> <ul style="list-style-type: none"> <li>● <b>Thomas Do</b>, School of Theology and Religious Studies, Undergraduate</li> <li>● Advisor: Bob McCarty</li> </ul>  |
| p25 | <a href="#">CUA Engineering: Launching a Drone for the Future</a> <ul style="list-style-type: none"> <li>● <b>Kieran Doherty</b>, School of Engineering (Mechanical), Undergraduate</li> <li>● Collaborators: Chedy Valdez, Carlos Alvarez Garcia, Tannor Portland, Elieser Moreira</li> <li>● Advisor: Chris Danek</li> </ul>  |
| p26 | <a href="#">Examining the Relationship Between Externalizing Issues and Overall Academic Functioning in Children and the Impact on Student-Teacher Relationships</a> <ul style="list-style-type: none"> <li>● <b>Caleigh Donovan</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>● Collaborators: MaryKate McMahon, Karen Genachowski</li> <li>● Advisor: Dr. Brendan Rich</li> </ul> |
| p27 | <a href="#">The Hidden Crime of Familial Trafficking: Identifying Risk Factors and Prevention Tactics</a> <ul style="list-style-type: none"> <li>● <b>Lindsay Dreis</b>, Columbus School of Law (Criminal Litigation), Masters</li> <li>● Collaborators: Nicholas Procino and Christopher Johnson</li> <li>● Advisor: Professor Mary Leary</li> </ul>   |

### Online Poster Chairperson Session 3: Dr. Lawrence McCrobie

Please use the [Poster Session 3 Question Form](#) to ask presenters questions online.

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| p29 | <a href="#">In-situ Temperature Measurement Using Carbon Nanotube Yarn Monofilament Composites</a> <ul style="list-style-type: none"> <li>● <b>Maria Erquiaga</b>, School of Engineering (Mechanical), Undergraduate</li> <li>● Collaborator: Tannaz Tayyarian</li> <li>● Advisor: Dr. Jandro Abot</li> </ul>   |
| p30 | <a href="#">Coping with Violence through Relational Mitigating Factors: Evidence from Expecting Women and their Husbands Living in Palestine</a> <ul style="list-style-type: none"> <li>● <b>Catriona Fee</b>, School of Arts and Sciences (Economics), Undergraduate</li> <li>● Advisor: Dr. Maria Sophia Aguirre</li> </ul>   |
| p31 | <a href="#">Star Formation Rates in the [Ne V] 3425 A Emission Line Selected Active Galactic Nuclei: Evidence for a Decrease with Galaxy Mass?</a> <ul style="list-style-type: none"> <li>● <b>Léa Feuillet</b>, School of Arts and Sciences (Physics), Doctoral Student</li> <li>● Collaborator: Dr. Marcio Melendez</li> <li>● Advisor: Dr. Steve Kraemer</li> </ul>    |
| p32 | <a href="#">Effective Practices for Incorporating Mindfulness into Families' Lives: An Investigation of Developmentally Appropriate Methods</a> <ul style="list-style-type: none"> <li>● <b>Lillian Foote</b>, School of Arts and Sciences (Psychology), Doctoral Student</li> <li>● Collaborator: Dr. Marcie Goeke-Morey</li> <li>● Advisor: Dr. Barry Wagner</li> </ul> |

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| p33 | <p><a href="#">Suicidal Ideation in Students of The Catholic University of America</a></p> <ul style="list-style-type: none"> <li>• <b>Ershia Francois</b>, School of Arts and Sciences (Psychology), Masters Student</li> <li>• Collaborators: Olga Revzina, Lizzy Tovar-Martinez, Marian Ruiz, Zohaib Jessani,</li> <li>• Advisor: Dr. Abby Adler Mandel</li> </ul>  |
| p34 | <p><a href="#">Acoustic Analogue of Graphene: Demonstrating a Working Analogue in Two Frequency Bands</a></p> <ul style="list-style-type: none"> <li>• <b>Nicholas Gangemi</b>, School of Engineering (Mechanical), Masters Student</li> <li>• Collaborators: Caleb Sieck - U.S. Naval Research Laboratory (NRL), Diego Turo, Alec Ikei (NRL), Amelia Vignola (NRL), Jeffrey Baldwin (NRL), Steven Liskey (NRL), Aaron Edmunds (NRL), William Wilson (NRL), Michael Boone (NRL), Gregory Yesner (NRL), Douglas Photiadis (NRL), Bernard Matis (NRL)</li> <li>• Advisor: Dr. Joseph F. Vignola</li> </ul> |
| p35 | <p><a href="#">Piezoresistive response of CNT Fibers Subjected to Compressive Forces</a><br/><a href="#">Piezoresistive Response of CNT Fibers Subjected to Compressive Forces</a></p> <ul style="list-style-type: none"> <li>• <b>Iriana Garcia Guerra</b>, School of Engineering (Mechanical), Doctoral Student</li> <li>• Advisor: Dr. Jandro Abot</li> </ul>   |
| p36 | <p><a href="#">A Case for Recall Elections: Where the People's Voice is the Strongest</a></p> <ul style="list-style-type: none"> <li>• <b>Shannen Gora</b>, School of Arts and Sciences (Politics), Masters Student</li> <li>• Advisor: Dr. John White</li> </ul>  |
| p38 | <p><a href="#">Develop High-Capacity FeF3 thin film conversion cathode for Next-Generation Li-ion Batteries</a></p> <ul style="list-style-type: none"> <li>• <b>Binh Hoang</b>, School of Engineering (Mechanical), Doctoral Student</li> <li>• Advisor: Dr. Chuan-Fu Lin</li> </ul>   |
| p39 | <p><a href="#">The differential Influence of Comorbid Internalizing and Externalizing Problems on Treatment Outcomes for Children with Attention Deficit/Hyperactivity Disorder</a></p> <ul style="list-style-type: none"> <li>• <b>Ann Brindley House</b>, School of Arts and Sciences (Psychology), Masters Student</li> <li>• Collaborator: Melissa Kravets</li> <li>• Advisor: Dr. Brendan Rich</li> </ul>   |
| p41 | <p><a href="#">Positive Risk-Taking and Personality: A Comparison Across Samples</a></p> <ul style="list-style-type: none"> <li>• <b>Grace Imondi</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>• Collaborators: Sydney Blasi, Lyndsey McLamb, Justine Talamayan, &amp; Rileigh Thompson</li> <li>• Advisor: Dr. Kathryn Degnan</li> </ul>   |

## Online Poster Chairperson Session 4: Dr. Nelson Minnich

Please use the [Poster Session 4 Question Form](#) to ask presenters questions online.

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| p43 | <p><a href="#">Partial Facial Recognition in The Covid Era</a></p> <ul style="list-style-type: none"> <li>• <b>Owen Jahne</b>, School of Engineering (Computer Science), Undergraduate</li> <li>• Collaborators: Luke Kelty, Gustavo Cestero</li> <li>• Advisor: Dr. Lin-Ching Chang</li> </ul> |
| p44 | <p><a href="#">The Crucifixion Standard of Forgiveness</a></p> <ul style="list-style-type: none"> <li>• <b>Emma Jensen</b>, School of Arts and Sciences (Politics), Undergraduate</li> </ul>  |
| p45 | <p><a href="#">Congregate - A Pocket Museum for Go-Go Music</a></p> <ul style="list-style-type: none"> <li>• <b>Vincente Johnson</b>, School of Architecture and Planning, Undergraduate</li> <li>• Collaborators: Claire Beins, Gabriella Adorno</li> </ul>                                    |

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|     | <ul style="list-style-type: none"> <li>• Advisor: Professor Robin Puttock</li> </ul>  |
| p46 | <a href="#">Shaw Health Oasis Urban Rest Stop (SHOURS)</a> <ul style="list-style-type: none"> <li>• <b>Katherine Kaderabek</b>, School of Architecture and Planning, Undergraduate</li> <li>• Collaborator: Melina Skinner,</li> <li>• Advisor: Professor Robin Puttock</li> </ul>  |
| p47 | <a href="#">From the River to the Sea: The Great Arab Revolt of 1936 as a Catalyst to the Israeli-Palestinian Conflict</a> <ul style="list-style-type: none"> <li>• <b>Joseph Keller</b>, School of Arts and Sciences (History), Undergraduate</li> <li>• Advisor: Dr. Árpád von Klimó</li> </ul>                                     |
| p48 | <a href="#">Triangulation of the Nurse practitioner Role + TELEHEALTH +Religious Sisters= Zero covid cases</a> <ul style="list-style-type: none"> <li>• <b>Dr. Mary Kellermann</b>, Conway School of Nursing, Faculty</li> </ul>  |
| p49 | <a href="#">Pull Testing Wire Bonds for the CMS Tracker Upgrade</a> <ul style="list-style-type: none"> <li>• <b>Rhea Khatri</b>, School of Arts and Sciences (Physics), Staff</li> <li>• Collaborators: Genesis Richards, Devon Kaelberer</li> <li>• Advisor: Dr. Rachel Bartek</li> </ul>  |
| p51 | <a href="#">Photonic Nanoparticles and Laser Lithotripsy for Treating Calcium Oxalate Kidney Stones</a> <ul style="list-style-type: none"> <li>• <b>Joel Kreuzwieser</b>, School of Arts and Sciences (Physics), Undergraduate</li> <li>• Advisor: Dr. Vijay Krishna</li> </ul>   |
| p52 | <a href="#">Immobilization of Plastic Waste in Sulfur Concrete</a> <ul style="list-style-type: none"> <li>• <b>Patricia Kwiatek</b>, School of Arts and Sciences (Chemistry), Undergraduate</li> <li>• Advisor: Dr. Aaron Barkatt</li> </ul>  |
| p54 | <a href="#">Rooted: An Oasis in the Food Desert</a> <ul style="list-style-type: none"> <li>• <b>Aleksandra Lajeunesse</b>, School of Architecture and Planning, Undergraduate</li> <li>• Collaborators: Rachel Searle, Julia Schlottmann</li> <li>• Advisor: Professor Robin Puttock</li> </ul>                                       |
| p55 | <a href="#">Associations between Emotional Regulation, Interpersonal Skills and Academic Outcomes in Elementary Students</a> <ul style="list-style-type: none"> <li>• <b>Megan Leary</b>, School of Arts and Sciences (Psychology), Masters</li> <li>• Collaborators: Melissa Kravets</li> <li>• Advisor: Dr. Brendan Rich</li> </ul> |
| p56 | <a href="#">How do Cancer Cells 'Talk' to One Another? Tracking Breast Cancer Cells Using Automated Image Processing</a> <ul style="list-style-type: none"> <li>• <b>Chelsea Loh</b>, School of Engineering (Biomedical), Undergraduate</li> <li>• Advisor: Dr. Christopher Raub</li> </ul>   |

## Online Poster Chairperson Session 5: Professor Jack Yoest

Please use the [Poster Session 5 Question Form](#) to ask presenters questions online.

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| p57 | <a href="#">Inspiring Campus Sustainability</a> <ul style="list-style-type: none"> <li>• <b>Sophie Maccarone</b>, The Busch School of Business, Masters Student</li> <li>• Collaborators: Antonio Caniglia, Alan Hsueh, Ari Reardon, John Shook</li> <li>• Advisor: Stew McHie</li> </ul> |
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| p58 | <p><a href="#">Examining Nationally-Representative Experiences of Maternal Depressive Symptoms and Parenting Practices among Migrant and Seasonal Head Start Families</a></p> <ul style="list-style-type: none"> <li>• <b>Mariafernanda Macias</b>, School of Arts and Sciences (Psychology), Doctoral Student</li> <li>• Collaborators: Elisabeth Harris, Maria Morales, Diana Chavez, Haregnesh Haile</li> <li>• Advisor: Dr. Sandra Barrueco</li> </ul> |
| p59 | <p><a href="#">Machine Learning Approach to Predict Chemical Content of Distant Galaxies</a></p> <ul style="list-style-type: none"> <li>• <b>Ramesh Mainali</b>, School of Engineering (Electrical and Computer Science), Masters Student</li> <li>• Advisor: Dr. Lin-Ching Chang</li> </ul>   |
| p60 | <p><a href="#">How Public Libraries Responded to COVID-19 via Programming and Outreach Efforts</a></p> <ul style="list-style-type: none"> <li>• <b>Zoe Mann</b>, School of Arts and Sciences (Library and Information Services), Masters Student</li> <li>• Collaborator: Adrian Finnochio</li> <li>• Advisor: Dr. Youngok Choi</li> </ul>   |
| p61 | <p><a href="#">Combatting Human Trafficking by Reducing Demand for Commercial Sex and Targeting Buyers</a></p> <ul style="list-style-type: none"> <li>• <b>Jaclyn Marcone</b>, Columbus School of Law, Masters Student</li> <li>• Advisor: Professor Mary Leary</li> </ul>   |
| p62 | <p><a href="#">Radical Ruins</a></p> <ul style="list-style-type: none"> <li>• <b>Patrick Maxwell</b>, School of Arts and Sciences (Politics), Undergraduate</li> <li>• Collaborator: Dr. Lindsey Pullum (Georgetown University)</li> </ul>   |
| p63 | <p><a href="#">Camera Obscura: Device of Time</a></p> <ul style="list-style-type: none"> <li>• <b>Moira McCoy</b>, Rome School of Music, Drama, and Art (Art History), Undergraduate</li> <li>• Advisor: Dr. Tiffany Hunt</li> </ul>   |
| p64 | <p><a href="#">Monte Carlo Charge Transport Simulation</a></p> <ul style="list-style-type: none"> <li>• <b>Helen McDonough</b>, School of Arts and Sciences (Physics), Doctoral Student</li> <li>• Advisor: Dr. Nicholas Mecholsky</li> </ul>  |
| p65 | <p><a href="#">Studying the Effect of Positive Priming on Body Image</a></p> <ul style="list-style-type: none"> <li>• <b>Brigid McGroarty</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>• Advisor: Dr. Kathryn Degnan</li> </ul>   |
| p66 | <p><a href="#">Catholic University Microplastics Clean Room Design and Construction</a></p> <ul style="list-style-type: none"> <li>• <b>Kimberly McGroary</b>, School of Engineering (Civil), Undergraduate</li> <li>• Collaborators: Mitchell Bundschuh, Jason Martinez, Thomas Macyko</li> <li>• Advisor: Dr. Jason Davison</li> </ul>   |
| p67 | <p><a href="#">How to Increase Student Engagement with Gamification</a></p> <ul style="list-style-type: none"> <li>• <b>Caroline Melia</b>, The Busch School of Business, Undergraduate</li> <li>• Collaborators: Marie Fitzpatrick, David Doyle</li> <li>• Advisor: Professor Jack Yoest</li> </ul>   |
| p68 | <p><a href="#">Promoting Clinical Learning with Virtual Patient Cases</a></p> <ul style="list-style-type: none"> <li>• <b>Dr. Jeanne Moore</b>, Conway School of Nursing, Faculty</li> <li>• Collaborators: Dr. Leigh Montejo</li> </ul>   |
| p69 | <p><a href="#">Exploring Behavioral and Linguistic Functioning Among a Nationally-Representative Sample of Migrant Infants and Toddlers</a></p> <ul style="list-style-type: none"> <li>• <b>Maria Morales</b>, School of Arts and Sciences (Psychology), Masters Student</li> <li>• Collaborators: Elisabeth Harris, Mariafernanda Macias, Darlyn Portillo Mejia, Haregnesh Haile</li> <li>• Advisor: Dr. Sandra Barrueco</li> </ul>                       |
| p70 | <p><a href="#">Women as the Occasions for Salvation in James Joyce's A Portrait of the Artist as a Young Man</a></p> <ul style="list-style-type: none"> <li>• <b>Caroline Morris</b>, School of Arts and Sciences (English), Undergraduate</li> </ul>  |

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|     | <ul style="list-style-type: none"> <li>• Advisor: Dr. Gregory Baker</li> </ul>   |
| p71 | <p><a href="#">In Search of Cure for Magic: Diverse Experiences of Witchcraft in Astrologers' Casebooks</a></p> <ul style="list-style-type: none"> <li>• <b>Anna Mowery</b>, School of Arts and Sciences (History), Undergraduate</li> <li>• Advisor: Dr. Lawrence Poos</li> </ul> |

## Online Poster Chairperson Session 6: Professor Glenn Østen Anderson

Please use the [Poster Session 6 Question Form](#) to ask presenters questions online.

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| p72 | <p><a href="#">Video Game Psychology: Health Benefits and Drawbacks of the Rise of Modern Gaming</a></p> <ul style="list-style-type: none"> <li>• <b>Krishna Najjar</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>• Advisor: Dr. Kathryn Degnan</li> </ul>   |
| p73 | <p><a href="#">Alleviating Professional Stress: Curated Results of a Therapeutic Communication Simulation Based Learning Experience (SBLE)</a></p> <ul style="list-style-type: none"> <li>• <b>Dr. Sandra O'Brien</b>, Conway School of Nursing, Faculty</li> <li>• Collaborators: Dr. David Want</li> </ul>   |
| p75 | <p><a href="#">The Relationship between Optimism, Self-efficacy, and Academic Achievement in Children from Economically Marginalized Communities</a></p> <ul style="list-style-type: none"> <li>• <b>Kathleen O'Connell</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>• Collaborators: Mackenzie Collier, Simone Chad-Friedman</li> <li>• Advisor: Dr. Brenden Rich</li> </ul> |
| p76 | <p><a href="#">Winning and Losing the Hundred Year's War: John Boyd and the Edwardian Campaigns 1346-1356</a></p> <ul style="list-style-type: none"> <li>• <b>Jude O'Donnell</b>, School of Arts and Sciences (History), Undergraduate</li> <li>• Advisor: Dr. Lawrence Poos</li> </ul>  |
| p77 | <p><a href="#">Stock Analysis for New Investors using Machine Learning</a></p> <ul style="list-style-type: none"> <li>• <b>Achuna Ofonedu</b>, School of Engineering (Electrical-CS), Masters Student</li> <li>• Advisor: Dr. Chang</li> </ul>   |
| p78 | <p><a href="#">Alzheimer's Disease: An Overview</a></p> <ul style="list-style-type: none"> <li>• <b>Adesuwa Osagie</b>, School of Arts and Sciences (Exploratory Nursing), Undergraduate</li> </ul>  |
| p79 | <p><a href="#">An Analysis of Discipleship Versus Apostleship in the Synoptic Gospels and What it Means to be a Disciple of Christ in the Modern World</a></p> <ul style="list-style-type: none"> <li>• <b>Isabella Pardino</b>, School of Theology and Religious Studies, Undergraduate</li> <li>• Advisor: Dr. Mark Clark</li> </ul>   |
| p80 | <p><a href="#">How Emotion Guides Attention</a></p> <ul style="list-style-type: none"> <li>• <b>Alyssa Parker</b>, School of Arts and Sciences (Psychology), Doctoral Student</li> <li>• Advisor: Dr. Nancy Adleman</li> </ul>   |
| p81 | <p><a href="#">Evidence Based Nursing Interventions to Improve Health Outcomes in Adult Diabetic Patients with Low Health Literacy and Health Numeracy</a></p> <ul style="list-style-type: none"> <li>• <b>Melissa Pelligrino</b>, Conway School of Nursing, Masters Student</li> <li>• Advisor: Cathy Hampton</li> </ul>  |

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| p82 | <a href="#">The Role of Emotion in Mother-child Shared Remembering</a> <ul style="list-style-type: none"> <li>● <b>Julia Perez</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>● Collaborators: Glynn Bradley, Grace Imondi, Sydney Blasi, Kaleigh McDonald, &amp; Elizabeth Egan</li> <li>● Advisor: Dr. Kathryn Degnan</li> </ul> |
| p84 | <a href="#">Land Reform in the Republic of Vietnam Until 1957: The American Struggle to Establish Comprehensive Reform Measures</a> <ul style="list-style-type: none"> <li>● <b>Caroline Pitman</b>, School of Arts and Sciences (Politics), Undergraduate</li> <li>● Advisor: Dr. Jonathan Askonas</li> </ul>  |
| p85 | <a href="#">Adolescent Suicidality: Exploring Correlations with Caregiver Responses</a> <ul style="list-style-type: none"> <li>● <b>Grace Polistina</b>, School of Arts and Sciences (Psychology), Masters Student</li> <li>● Collaborators: Genesis Vergara, Molly Adrian (Seattle Children's Hospital)</li> <li>● Advisor: Dr. David Jobes</li> </ul>   |

## Online Poster Chairperson Session 7: Dr. Greg Miller

Please use the [Poster Session 7 Question Form](#) to ask presenters questions online.

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| p86 | <a href="#">Ethical Sensibility in Journalism</a> <ul style="list-style-type: none"> <li>● <b>Tess Rempel</b>, School of Arts and Sciences (Media and Communication Studies), Undergraduate</li> <li>● Advisor: Professor Glenn Østen Anderson</li> </ul>   |
| p87 | <a href="#">Deep Learning To Predict Hydrogel Membrane Electrodeposition</a> <ul style="list-style-type: none"> <li>● <b>Joseph Robben</b>, School of Engineering (Biomedical), Undergraduate</li> <li>● Advisor: Dr. Christopher Raub</li> </ul>   |
| p88 | <a href="#">Better to Light One Candle: Gerrit van Honthorst's Genre of Light</a> <ul style="list-style-type: none"> <li>● <b>Connor Robeck</b>, Rome School of Music, Drama, and Art (Art History), Undergraduate</li> <li>● Advisor: Tiffany Hunt</li> </ul>  |
| p90 | <a href="#">Harbor: Designing a Teen Center for Nurturing the Mind in Shaw</a> <ul style="list-style-type: none"> <li>● <b>Victoria Roscoe</b>, School of Architecture and Planning, Undergraduate</li> <li>● Collaborators: Claire De Marco, Michael Thomas</li> <li>● Advisor: Professor Robin Puttock</li> </ul>                           |
| p91 | <a href="#">Development of the Shared Trauma Assessment Tool</a> <ul style="list-style-type: none"> <li>● <b>Caitlin Rothwell</b>, The National Catholic School of Social Service, Doctoral Student</li> <li>● Collaborator: Kyle Collins</li> <li>● Advisor: Dr. Melissa Grady</li> </ul>  |
| p92 | <a href="#">Inhibitory Control in Association with Psychopathology Amongst Children in Military families</a> <ul style="list-style-type: none"> <li>● <b>Morgan Sachleben</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>● Advisor: Julie Wargo Aikins</li> </ul>  |
| p93 | <a href="#">A Nationalist Underdog and a Republican Loss: The Siege of the Alcázar July 21 – September 13, 1936 during The Spanish Civil War 1936-1939</a> <ul style="list-style-type: none"> <li>● <b>Michael Salmon</b>, School of Arts and Sciences (History), Undergraduate</li> <li>● Advisor: Dr. Arpad von Klimo</li> <li>●</li> </ul> |

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| p94  | <a href="#">Renovation of Visitor Screening and Amenity Space for the Federal Reserve</a> <ul style="list-style-type: none"> <li>● <b>Julia Schlottmann</b>, School of Engineering (Civil), Undergraduate</li> <li>● Collaborators: Lauren Roberson, Mohammed Alajmi, Christina Brown</li> <li>● Advisor: Dr. Jason Davison</li> </ul>                               |
| p95  | <a href="#">Accessibility in the Workplace for the Visually Impaired</a> <ul style="list-style-type: none"> <li>● <b>Jeffrey Schriefer-Flores</b>, School of Engineering, Undergraduate</li> <li>● Collaborators: Peter Coene, Zach Mueller, Fatma Alshammari, Gianny Teixeira, Jefferson Ascencio</li> <li>● Advisor: Dr. Chris Danek, Dr. Greg Behrmann</li> </ul> |
| p96  | <a href="#">Self Reflective Approach for Teaching Telehealth to Nurse Practitioner Students</a> <ul style="list-style-type: none"> <li>● <b>Dr. Janet Selway</b>, Conway School of Nursing, Faculty</li> <li>● Collaborator: Dr. Marye Kellermann</li> </ul>   |
| p97  | <a href="#">Resilience and Emotion Regulation as Predictors of Internalizing Problems in Autistic Youth</a> <ul style="list-style-type: none"> <li>● <b>Ashley Sexton</b>, School of Arts and Sciences (Psychology), Masters Student</li> <li>● Collaborator: Kathryn Guajardo</li> <li>● Advisor: Dr. Brendan Rich</li> </ul>                                       |
| p98  | <a href="#">Melamine Stabilizes Co-crystallization of Uric Acid and Calcium Crystals</a> <ul style="list-style-type: none"> <li>● <b>Samuel Shin</b>, School of Engineering (Biomedical), Masters Student</li> <li>● Collaborators: Yuyan Chen (University of Maryland), Khan Ly, Christopher Raub</li> <li>● Advisor: Dr. Bidhan Bandyopadhyay</li> </ul>           |
| p99  | <a href="#">The Relationship between Connection to Family, Friends, School, and Overall Suicide Risk in Adolescents who are Suicidal</a> <ul style="list-style-type: none"> <li>● <b>Benjamin Skibicki</b>, School of Arts and Sciences (Psychology), Masters Student</li> <li>● Advisor: Dr. David Jobes</li> </ul>   |
| p100 | <a href="#">Citizen Kane</a> <ul style="list-style-type: none"> <li>● <b>Madeleine Smith</b>, School of Arts and Sciences (History), Undergraduate</li> <li>● Advisor: Dr. Thomas Cohen</li> </ul>   |

## Online Chairperson Session 8: Dr. Rebecca Robert

Please use the [Poster Session 8 Question Form](#) to ask presenters questions online.

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| p102 | <a href="#">Importance of the Amino Acid Histidine in Infections Caused by the Bacterium Staphylococcus aureus</a> <ul style="list-style-type: none"> <li>● <b>Michelle Spencer</b>, School of Arts and Sciences (Biology), Doctoral Student</li> <li>● Advisor: Dr. Frank Portugal</li> </ul> |
| p103 | <a href="#">TikTok, Teens, and the Library</a> <ul style="list-style-type: none"> <li>● <b>Emily Swain</b>, School of Arts and Sciences (Library and Information Science), Masters Student</li> </ul>  |
| p104 | <a href="#">The Global Vision of Hernán Cortés in the Conquest of Mexico</a> <ul style="list-style-type: none"> <li>● <b>Nicholas Swanson</b>, School of Arts and Sciences (History), Undergraduate</li> <li>● Advisor: Dr. Thomas Cohen</li> </ul>  |
| p105 | <a href="#">Magnetically Guided Soft Robot for Cancer Therapy</a> <ul style="list-style-type: none"> <li>● <b>Reginald Taylor-Smith</b>, School of Engineering (Biomedical), Undergraduate</li> <li>● Collaborator: Dr. Lamar Mair</li> <li>● Advisor: Dr. Christopher Raub</li> </ul>         |

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| p106 | <a href="#">Building Resilience Among CSA Farms in the Time of Climate Change</a> <ul style="list-style-type: none"> <li>• <b>Holly Thompson</b>, School of Architecture and Planning (Environmental Studies), Undergraduate</li> <li>• Advisor: Dr. Brooks Zitzmann</li> </ul>  |
| p107 | <a href="#">Stopping the Slow Death of Planet Earth: Mindset, Indigenous Populations, and Green Industrial Revolution</a> <ul style="list-style-type: none"> <li>• <b>Dr. Tongele Tongele</b>, School of Engineering (Mechanical), Faculty</li> </ul>  |
| p108 | <a href="#">The Structure of Regulatory Spines in Cancer-Suppressing Proteins</a> <ul style="list-style-type: none"> <li>• <b>Jacob Tribull</b>, School of Engineering (Biomedical), Undergraduate</li> <li>• Advisor: Dr. Gregory Miller</li> </ul>   |
| p109 | <a href="#">Targeting the Behavioral and Neurological Correlates in Suicidality: Methodology for fMRI Integration Using a Dot-Probe Paradigm</a> <ul style="list-style-type: none"> <li>• <b>Megan Tsui</b>, School of Arts and Sciences (Psychology), Masters Student</li> <li>• Advisor: Dr. Nancy Adleman, Dr. David Jobes</li> </ul> |
| p110 | <a href="#">Bridging the Gap in Healthcare: Linguistic and Cultural Training for University Students in Costa Rica and the USA</a> <ul style="list-style-type: none"> <li>• <b>Elizabeth Ulicny</b>, Conway School of Nursing (Spanish for Healthcare), Undergraduate</li> <li>• Advisor: Professor Jennifer Maxwell</li> </ul>          |
| p111 | <a href="#">The Administrative Tug-of-War between Defunding Child Soldier Militaries and the “Nation’s Interest”</a> <ul style="list-style-type: none"> <li>• <b>Jordan Villegas</b>, Columbus School of Law, Doctoral Student</li> <li>• Advisor: Professor Mary Leary</li> </ul>   |
| p112 | <a href="#">Ozone Distribution in Stratosphere: Comparison of Calculated and Measured Results</a> <ul style="list-style-type: none"> <li>• <b>Laurie Wei</b>, School of Engineering (Mechanical), Doctoral Student</li> <li>• Collaborator: Ibraheem Alelmi</li> <li>• Advisor: Dr. Sen Nieh</li> </ul>                                  |
| p113 | <a href="#">Corporate Liability and Sex Trafficking of American Indian Women and Girls</a> <ul style="list-style-type: none"> <li>• <b>Bridget White</b>, Columbus School of Law, Doctoral Student</li> <li>• Advisor: Professor Mary Leary</li> </ul>   |
| p114 | <a href="#">Silent or Silenced: The Cognitive Effects of Human Trafficking on Black Women and How it Further Impacts their Future Relationships</a> <ul style="list-style-type: none"> <li>• <b>Kelly Woodson</b>, School of Arts and Sciences (Psychology), Undergraduate</li> <li>• Advisor: Dr. Marcie Goeke-Morey</li> </ul>         |

## Poster Presentations - Online Only

### Online Chairperson Session 9: Professor Elizabeth Edinger

Please use the [Poster Session 9 Question Form](#) to ask presenters questions online.

|     |  |
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| p53 | <a href="#">Examining Socioemotional Measurement with Migrant and Seasonal Farm Worker Children</a> <ul style="list-style-type: none"> <li>• <b>Rebecca LaCosta</b>, School of Arts and Sciences (Psychology), Doctoral Student</li> <li>• Advisor: Dr. Sandra Barrueco</li> </ul> |
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| p116 | <a href="#">Singularity Functions for Linear Schedule Delay Charts</a> <ul style="list-style-type: none"> <li>● <b>Isabella Bernard</b>, School of Engineering (Civil), Undergraduate</li> <li>● Advisor: Dr. Gunnar Lucko</li> </ul>   |
| p117 | <a href="#">Sophistic Speech and False Statements in Plato's Sophist</a> <ul style="list-style-type: none"> <li>● <b>Sean Foley</b>, School of Philosophy, Masters Student</li> <li>● Advisor: Dr. Cristina Ionescu</li> </ul>  |
| p118 | <a href="#">"Bridging Habitats": Designing Homes Along the Tiber River of Rome. Ponte Mazzini</a> <ul style="list-style-type: none"> <li>● <b>Alyssa "Ally" Galang</b>, School of Architecture and Planning, Undergraduate</li> <li>● Collaborator: Gabriella Faccone</li> <li>● Advisor: Professor Lavinia B. Fici</li> </ul>  |
| p120 | <a href="#">Using Household Trials to Design Interventions to Improve Feeding Practices in Children 6-23 months: Examples from Rural Areas of Kenya and Tanzania</a> <ul style="list-style-type: none"> <li>● <b>Dr. Rebecca Robert</b>, Conway School of Nursing, Faculty</li> <li>● Collaborators: Hilary Creed-Kanashiro (Instituto de Investigación Nutricional), Rosario Bartolini (Instituto de Investigación Nutricional)</li> </ul> |
| p121 | <a href="#">Improved UV Mirrors</a> <ul style="list-style-type: none"> <li>● <b>Luis Rodriguez de Marcos</b>, School of Arts and Sciences (Physics), Staff</li> <li>● Collaborators: Javier del Hoyo, Manuel Quijada, and Edward Wollack, NASA GSFC.</li> <li>● Advisor: Dr. Tommy Wiklind</li> </ul>   |
| p122 | <a href="#">A Comparison of the Effect of Deliberate Practice versus Task Training Approach on Army Nurse and Combat Medics' Cognitive Load, Confidence and Competence During Simulated Combat Trauma Hemorrhage Care Training</a> <ul style="list-style-type: none"> <li>● <b>Sandy Snyder</b>, Conway School of Nursing, Doctoral Student</li> <li>● Advisor: Dr. Nalini Jairath</li> </ul>   |

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# Recorded Musical Performances by Students and Faculty Members

from  
*The Rome School of Music, Drama and Art*

**Online Chairperson:** Professor Stephen Gorbos

## ***Student Performances***

|           |   |
|-----------|---|
| <b>M1</b> | <ul style="list-style-type: none"> <li>• <i>BE/COME</i>, by Matthew Brown (MM Composition Stage Music, Composer-in-Residence with the CUA symphony orchestra).<br/>CUA Symphony Orchestra, Noel Nascimento conductor.<br/><a href="https://drive.google.com/file/d/1veLvoczW-jajh_FIRsuswhppfBADdouP/view?usp=sharing">https://drive.google.com/file/d/1veLvoczW-jajh_FIRsuswhppfBADdouP/view?usp=sharing</a></li> </ul>                                  |
| <b>M2</b> | <ul style="list-style-type: none"> <li>• <i>Invierno Porteno</i> and <i>Adios Nonio</i>, by Astor Piazzolla.<br/>Martin E. Gallegos Noya, piano (DMA collaborative piano, vocal Accompaniment)<br/><a href="https://drive.google.com/file/d/1ijKGLRuimHGInw5SbGgOQKQ9sma1bRNz/view?usp=sharing">https://drive.google.com/file/d/1ijKGLRuimHGInw5SbGgOQKQ9sma1bRNz/view?usp=sharing</a></li> </ul>   |
| <b>M3</b> | <ul style="list-style-type: none"> <li>• <i>Piano Concerto No 5, Emperor. I, Allegro</i>, by Ludwig van Beethoven.<br/>CUA Symphony Orchestra, Simeone Tartaglione conductor, Szu-Yin Lin, piano (DMA piano performance, Concerto Competition winner).<br/><a href="https://drive.google.com/file/d/1A5gPw2q-ihRZD3ZQ4u5KusILMeybeUnx/view?usp=sharing">https://drive.google.com/file/d/1A5gPw2q-ihRZD3ZQ4u5KusILMeybeUnx/view?usp=sharing</a></li> </ul> |
| <b>M4</b> | <ul style="list-style-type: none"> <li>• <i>Sovereign</i>, by Christian Lyons (DMA Composition).<br/>Wind Symphony of the Wells School of Music, West Chester University.<br/><a href="https://drive.google.com/file/d/19ZE-MABjmt9HsDnVTJB09OIE7z3cRyKZ/view?usp=sharing">https://drive.google.com/file/d/19ZE-MABjmt9HsDnVTJB09OIE7z3cRyKZ/view?usp=sharing</a></li> </ul>  |
| <b>M5</b> | <ul style="list-style-type: none"> <li>• <i>Havanaise</i> VVW 1019, by Viardot Pauline.<br/>Jiayong Mei, voice (DMA vocal performance); Yi Xu, piano (DMA collaborative piano, vocal accompanying)<br/><a href="https://drive.google.com/file/d/1BEB8H34hXM4-WBmelkv_IXEI6nu6ERLY/view?usp=sharing">https://drive.google.com/file/d/1BEB8H34hXM4-WBmelkv_IXEI6nu6ERLY/view?usp=sharing</a></li> </ul>   |
| <b>M6</b> | <ul style="list-style-type: none"> <li>• <i>Les nuit d'ete: V, Au cimetiére</i>, by Hector Berlioz.<br/>Jiayong Mei, voice (DMA vocal performance); Yi Xu, piano (DMA collaborative piano, vocal accompanying)<br/><a href="https://drive.google.com/file/d/1REZpHf7oiDO6P0BHEEbZEyOoz6FCPrdm/view?usp=sharing">https://drive.google.com/file/d/1REZpHf7oiDO6P0BHEEbZEyOoz6FCPrdm/view?usp=sharing</a></li> </ul>   |

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## Faculty Performances

|            |   |
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| <b>M7</b>  | <ul style="list-style-type: none"> <li>• <i>El mundos de los dos</i>, by Astor Piazzola.<br/>Gustavo Ahualli, baritone (Lecturer, Voice, Director of the Latin American Music Center), Emmanuel Trifilio, bandoneon, Dr. Ivo Kaltchev, piano (Ordinary Professor, Department of Music Performance)<br/><a href="https://drive.google.com/file/d/1fu-xIZgzh0i2e9_3doymfgdIAJSfS4I/view?usp=sharing">https://drive.google.com/file/d/1fu-xIZgzh0i2e9_3doymfgdIAJSfS4I/view?usp=sharing</a></li> </ul> |
| <b>M8</b>  | <ul style="list-style-type: none"> <li>• <i>Vox Siderum</i>, by Stephen Gorbos.<br/>Sandy Choi, violin; Erin Snedecor, cello; and Liz Hill, piano.<br/>Dr. Stephen Gorbos, Associate Professor, Department of Music Theory, History, and Composition.<br/><a href="https://soundcloud.com/groobs-1/vox-siderum">https://soundcloud.com/groobs-1/vox-siderum</a></li> </ul>  |
| <b>M9</b>  | <ul style="list-style-type: none"> <li>• <i>Mercurial Shadows</i>, by Stephen Gorbos.<br/>Ben Buerghel, Oboe.<br/>Dr. Stephen Gorbos, Associate Professor, Department of Music Theory, History, and Composition.<br/><a href="https://soundcloud.com/groobs-1/mercurialshadows-2022">https://soundcloud.com/groobs-1/mercurialshadows-2022</a></li> </ul>   |
| <b>M10</b> | <ul style="list-style-type: none"> <li>• <i>Dreamless Counterpoint I and II</i>, by William Kenlon.<br/>Francesca Hurst, piano.<br/>Dr. William Kenlon, lecturer, Department of Music Theory, History, and Composition<br/>Dr. Francesca Hurst, lecturer, Department of Music Performance<br/><a href="https://www.youtube.com/watch?v=Htw_DfUge8Q">https://www.youtube.com/watch?v=Htw_DfUge8Q</a></li> </ul>  |
| <b>M11</b> | <ul style="list-style-type: none"> <li>• <i>Sambo dos 40</i>, by Juan Megna.<br/>The Juan Megna Group<br/>Dr. Juan Megna, lecturer, Department of Music Theory, History, and Composition<br/><a href="https://www.youtube.com/watch?v=a-wGUWUbsTE">https://www.youtube.com/watch?v=a-wGUWUbsTE</a></li> </ul>   |
| <b>M12</b> | <ul style="list-style-type: none"> <li>• <i>Coisa No 2</i>, by Moacir Santos.<br/>The Juan Megna Group.<br/>Dr. Juan Megna, lecturer, Department of Music Theory, History, and Composition<br/><a href="https://www.youtube.com/watch?v=ulAmi81eNQE">https://www.youtube.com/watch?v=ulAmi81eNQE</a></li> </ul>   |
| <b>M13</b> | <ul style="list-style-type: none"> <li>• <i>Caesar and the Mannequin</i>, by Andrew Simpson.<br/>Alliance for New Music Theater<br/>Dr. Andrew Simpson, Ordinary Professor, Department of Music Theory, History, and Composition<br/><a href="https://www.youtube.com/watch?v=cyPjePH5B54">https://www.youtube.com/watch?v=cyPjePH5B54</a></li> </ul>   |
| <b>M14</b> | <ul style="list-style-type: none"> <li>• <i>Color Line</i>, by Andrew Simpson (from his <i>Afterglow</i> web series).<br/>Dr. Andrew Simpson, Ordinary Professor, Department of Music Theory, History, and Composition<br/><a href="https://www.youtube.com/watch?v=7u_QBQe6m0k&amp;list=PLEohACQbFBg2cVoqlbW6317Q4IRnneqUE&amp;index=10">https://www.youtube.com/watch?v=7u_QBQe6m0k&amp;list=PLEohACQbFBg2cVoqlbW6317Q4IRnneqUE&amp;index=10</a></li> </ul>                                       |

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# Feedback to University Research Day 2022

Thank you very much for participating in University Research Day 2022!

There are surely aspects we can learn from and improve, and we greatly appreciate your comments and suggestions for Research Day. Your feedback will definitely help us as a community to improve University Research Day.

Please click on the [Feedback Form](#) to enter your comments and suggestions.

Thank you!