**VIRTUAL POSTER COMPETITION**

**Center for Community-Engaged Teaching and Research**
CETR Award for Undergraduate Research

**Modeling the Effects of Fentanyl and Narcan on the Opioid Epidemic in Allegheny County**
Lindsay Moskal & Lauren Sines
Bayer School of Natural & Environmental Sciences | Chemistry & Biology
Faculty Advisor: Dr. Rachael Miller Neilan, Ph.D.

**Center for Teaching Excellence**
Award for Undergraduate Research

**Using Online Learning and Gamification to Enhance Reasoning Skills**
Sarah Coffman
Bayer School of Natural & Environmental Sciences | Forensic Science and Law
Faculty Advisor: Lyndsie Ferrara, Ph.D.

**Counselor Education Program**
Award for Undergraduate Research

**Mind Over Matter: The obstacles and importance of providing psychological care to collegiate athletes**
Elizabeth Wayne
McAnulty College and Graduate School of Liberal Arts | Psychology
Faculty Advisor: Alexander Kranjec, Ph.D.

**Gumberg Library**
Gumberg Library Award for Undergraduate Research

**DNA Sequencing to Support Species-level Identification of Freshwater Sponges in Western Pennsylvania**
Emily Simon
Bayer School of Natural & Environmental Sciences
Faculty Advisor: Brady Porter, Ph.D.

**Honors College**
Outstanding Poster

**Interracial Relations: History and Cultural Identity in The Invention of Wings**
Taylor Hopkins
Honors College
Undergraduate Research & Scholarship Virtual Competition
Sponsored by the Office of Student Research
AWARD WINNERS - MAY 11, 2020

Faculty Advisor: Dr. Erin Speese

Office of Research
1st Place - Outstanding Poster
Agent-Based Modeling of Cell-Type Specific and Pain-Related Neural Activity in the Amygdala During Neuropathic Pain
Gabrielle Majetic, Rachael Neilan, Ph.D. (faculty), Benedict Kolber, Ph.D. (faculty), Yarimar Carrasquillo, Ph.D. (National Center of Complementary and Integrative Health, National Institutes of Health faculty), Anisha Adke (National Center of Complementary and Integrative Health, National Institutes of Health postbaccalaureate research fellow)
McAnulty College and Graduate School of Liberal Arts & Bayer School of Natural and Environmental Sciences | Biomedical Engineering
Faculty Advisor: Rachael Neilan, Ph.D.

2nd Place - Outstanding Poster
Speech-to-Text Assistive Technology: Frequency and Patterns of Miscued Word-Sound Errors Across Three Commonly Used Applications
Gianna Grasso, Maria Tina Benno, Cassondra Griger, Braelyn Tracy
School of Education & Rangos School of Health Sciences | Speech-Language Pathology (Grasso), Education (Benno, Griger & Tracy)
Faculty Advisor: Sarah Wallace, Ph.D., CCC-SLP

3rd Place - Outstanding Poster
Central Line Associate Blood Stream Infections
Julia Streeter
School of Nursing | Nursing
Faculty Advisor: Susan Kelly, Ed.D, MSN, RN, CMSRN, CNE, CHSE

Phi Kappa Phi
POSTER AWARDS
1st Place
DNA sequencing to support species-level identification of freshwater sponges in western Pennsylvania
Emily Simon
Bayer School of Natural and Environmental Sciences | Biology
Faculty Advisor: Brady Porter, Ph.D

2nd Place
Latin Graffiti as a Tool for Political Campaigns
Julia Cardinal
McAnulty College and Graduate School of Liberal Arts | History
Faculty Advisor: Sarah Miller, Ph.D
Undergraduate Research & Scholarship Virtual Competition
Sponsored by the Office of Student Research
AWARD WINNERS - MAY 11, 2020

Rangos School of Health Sciences
Rangos School of Health Sciences Award
Assessment of Abdominal Aortic Aneurysm Geometry and Its Association with Hypoxia
Frank Guarinoni, Alexander Guy
Biomedical Engineering | Rangos School of Health Sciences
Faculty Advisor: Rana Zakerzadeh, Ph.D.

School of Nursing
School of Nursing Undergraduate Research Award
Understanding Nursing Students’ Attitudes and Knowledge in Caring for People with Disabilities
Cassidy Kaczor, Ashley McDanald
School of Nursing | Nursing
Faculty Advisor: Rebecca Kronk

PAPER COMPETITION AWARD WINNERS
Center for Teaching Excellence
Award for Undergraduate Research
Project-Based Learning in Social Statistics: Direct and indirect assessment of student learning outcomes
Zachary Weiland, Nicole Marshall
McAnulty College and Graduate School of Liberal Arts
Faculty Advisor: Cathleen Appelt, Ph.D.

Center for Women’s and Gender Studies
Award for Undergraduate Research
Female Roles in Antiquity: The Dichotomy Between the Stage and the Page
Bella Biancone
McAnulty College and Graduate School of Liberal Arts | Political Science and History
Faculty Advisor: Sarah Miller, Ph.D

Office of Research
PAPER AWARDS
1st Place - Outstanding Paper
Modeling the Effects of Fentanyl and Narcan on the Opioid Epidemic in Allegheny County Using Mathematics
Lindsay Moskal, Lauren Sines
McAnulty College and Graduate School of Liberal Arts & Bayer School of Natural and Environmental Sciences | Biology (Sines) & Chemistry (Moskal)
Faculty Advisor: Rachael Neilan, Ph.D
Undergraduate Research & Scholarship Virtual Competition
Sponsored by the Office of Student Research
AWARD WINNERS - MAY 11, 2020

2nd Place - Outstanding Paper
Claude Debussy and Kamasi Washington: “Clair de Lune”
Madeleine Brawley
Mary Pappert School of Music | Music Therapy
Faculty Advisor: Benjamin Binder Ph.D

3rd Place - Outstanding Paper
A microfluidic platform for high-throughput screening of aquaporin performance
Adriana Del Pino Herrera, Jordan Hoydick, Rachel Rauh, Elyssa El-hajj, Madison Burchfield
Rangos School of Health Sciences | Biomedical Engineering
Faculty Advisor: Melikhan Tanyeri Ph.D

VIDEO COMPETITION AWARD WINNERS

Honors College
Outstanding Video: 2 awards
Making my Brother a Pop-Star
Jonah Hanlon
Mary Pappert School of Music | Music Education
Faculty Advisor: Rev. James McCloskey, C.S.Sp., Ph.D

Dynamics Near Absolute Zero Temperatures
Katelyn Spadavecchia
Bayer School of Natural and Environmental Sciences | Physics
Faculty Advisor: Michael Huster, Ph.D

Office of Disability Services
Outstanding Undergraduate Research
Behind the Red Door: Occupational Therapy at St. Anthony’s Life Skills Apartment
Olivia Van Dyke, Abigail Rubino, Bridget Newns, Avery Musiak, Alyssa Boccardi
Rangos School of Health Sciences | Occupational Therapy
Faculty Advisor: Amy Mattila, Ph.D, OTR/L

Office of Diversity and Inclusion
Outstanding Undergraduate Research
Downtown Outreach Center and Shelter
Sophia Kosmides, Tyler Boseck, Matthew Jockers
Rangos School of Health Sciences | Occupational Therapy
Faculty Advisor: Amy Mattila Ph.D, OTR/L
VIDEO AWARD

**Anti-Semitism in Medieval Art**
Erin Ridge
Classical Civilizations & Philosophy School | McAnulty College of Liberal Arts
Faculty Advisor: Amy Cymbala, Ph.D.

VIDEO AWARD

**Popping China’s Bubble: An explanation of the conflict between economic health and the Chinese Dream**
Alexander Wolfe
Economics School | McAnulty College of Liberal Arts
Faculty Advisor: Matt Ryan