


# **2022 ANNUAL REPORT**



A scenic view of a university campus with a prominent clock tower and domed roofline in the foreground, surrounded by trees with autumn foliage and other campus buildings in the background.

The Office of Undergraduate Research enhances academic excellence through undergraduate research and creative endeavors. We connect undergraduate students who have strong and committed interests in research and creative endeavors to faculty members, programs, and research-related opportunities that are aligned with their interests.

**FIND US ON SOCIAL MEDIA**



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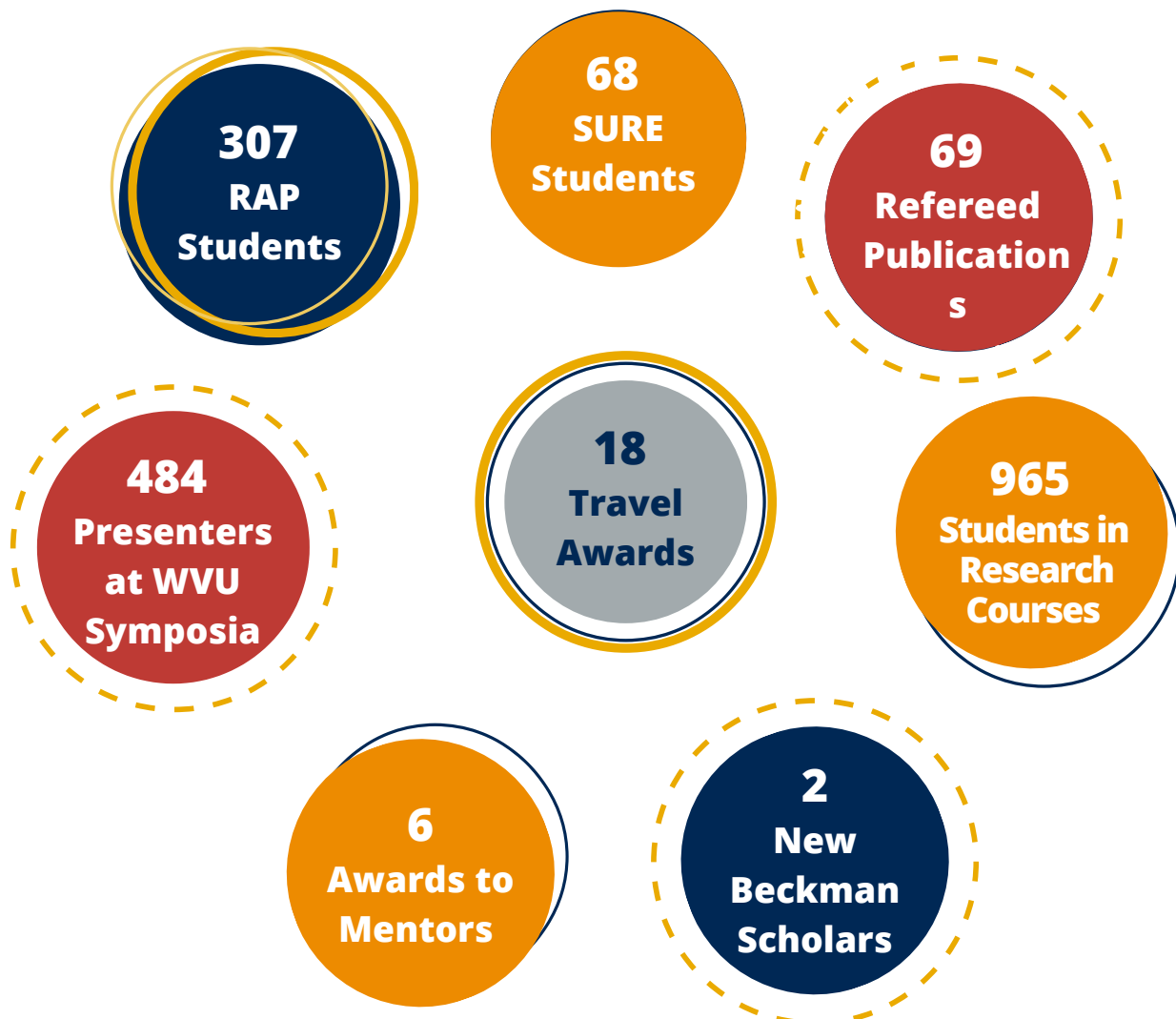
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## OUR MISSION

The Office of Undergraduate Research seeks to enhance academic excellence through undergraduate research and creative efforts.

- Connect students to research mentors and opportunities aligned with their interests.
- Foster a culture of academic engagement through research and scholarly activities.
- Formalize undergraduate research and creative endeavors as a key component of the educational experience at West Virginia University.
- Aid faculty members in supporting undergraduate research activities.





**GIANA LORETTA**

Political Sciences/Philosophy  
Communication Studies

**EXCEL****SURE****PSA****NEWMAN  
CIVIC  
FELLOW**

Giana is a triple-major, honors student who is passionate about equity in K-12 schools and seeks to advocate for education policy change in the state of West Virginia. Giana has conducted her research through different programs at WVU and intends to present her findings to state and county level policy makers with potential solutions to educational inequities.

**RACHEL MORRIS**

Biology/Philosophy  
Psychology

**URA  
PRESIDENT****FIRST2  
SCHOLAR****UGR  
AMBASSADOR****SURE**

Rachel has conducted research in the biology department and participated in different research programs at WVU. Through her work as the president of the Undergraduate Research Association (URA) and as a UGR ambassador, Rachel helps other undergraduates find their way in research. Rachel's passion for research has also inspired first-gen and underrepresented students supported by the First2 Network.

**MICHAEL FIALA**

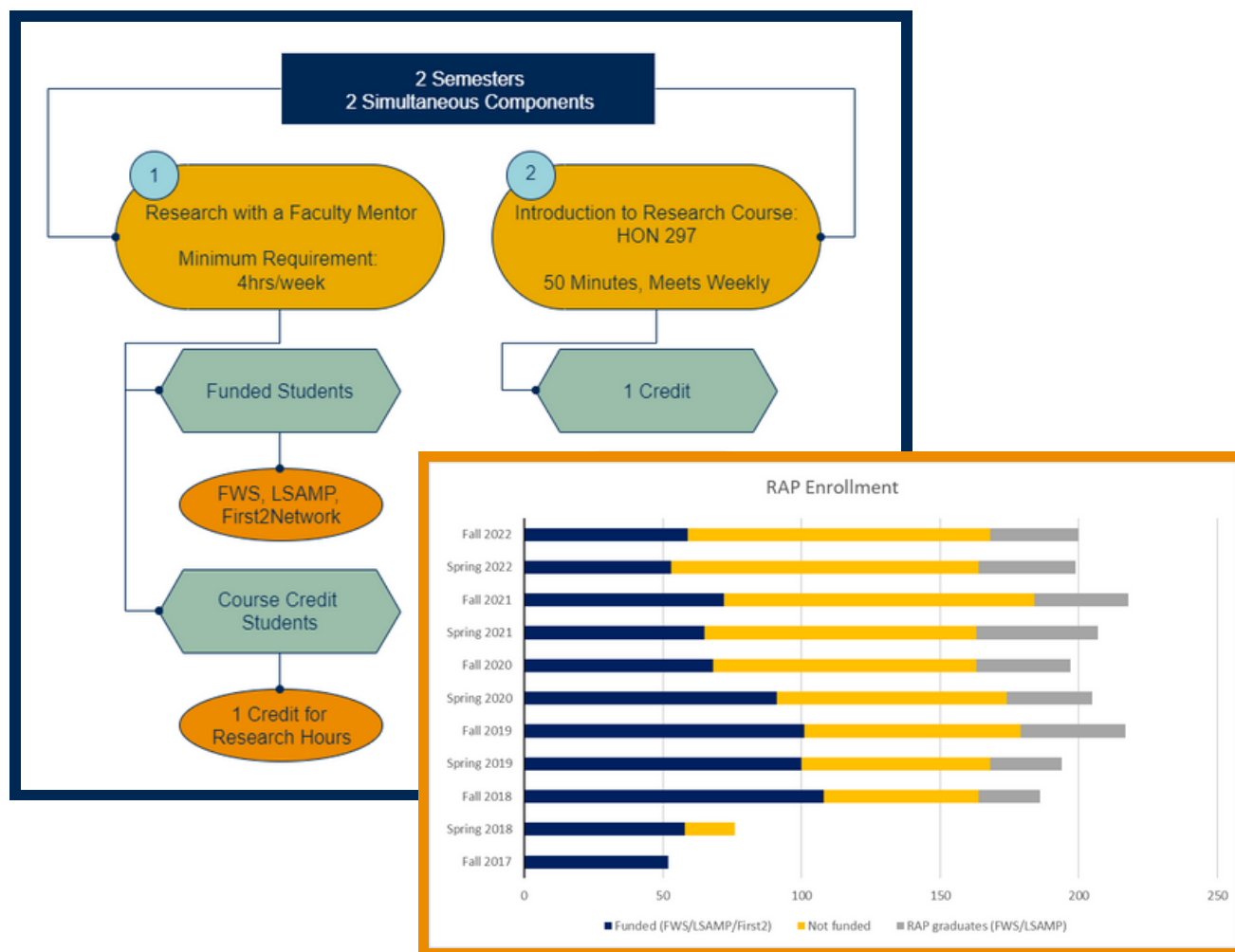
Environmental Microbiology

**RAP  
APPRENTICE****RAP  
INSTRUCTOR****PSA****AWARDED  
PRESENTER**

Michael is a non traditional student who started college later. He participated in RAP as a freshman and since then so many opportunities have opened up for him. Michael's outstanding communication skills granted him a position as a Presidential Student Ambassador, an instructor for RAP, and an award for best presentation in the 2021 WVU Spring Undergraduate Symposium.

# RESEARCH APPRENTICESHIP PROGRAM (RAP)

The Research Apprenticeship Program (RAP) is a multidisciplinary undergraduate research experience designed for students who are new to college and have limited research experience. RAP is a two-semester program with two different components (see diagram below). RAP connects students with mentors and provides direct support to new researchers through a course (HONR 297). RAP reaches out across campus to develop a diverse pool of mentors and mentees working in any discipline. Since it was implemented in 2017, RAP has helped thousands of undergraduate students at WVU get started in research.



**-RAP CONTINUED-****SUPPORTING MENTORS TO DEVELOP AND SUSTAIN  
AN EFFECTIVE MENTORING EXPERIENCE**

Mentoring undergraduate students, particularly those with limited experience, such as RAP mentees, can be challenging. The RAP team provides the Navigating Mentoring workshop every fall semester, to help mentors (faculty members, graduate students, post-docs, etc.) build confidence in mentoring undergraduates in research.



West Virginia University  
OFFICE OF UNDERGRADUATE RESEARCH

## Navigating Mentoring for Undergraduate Research Mentors

Virtual Workshop  
for Undergraduate Research  
mentors from Higher  
Education Institutions  
across the State of West  
Virginia

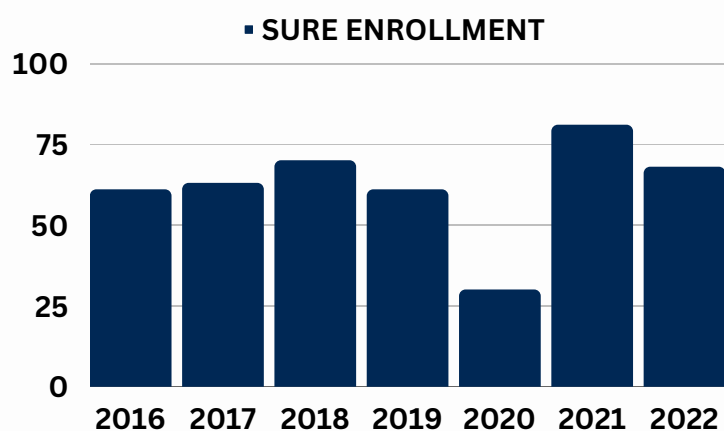
FIRST2  
NETWORK

**RAP ALUMNI HIGHLIGHTS**

- Nathaniel Palmer, a WVU School of Nursing student was accepted into the AGE-ADAR Scholars Program. The program is funded by the National Institute on Aging under the National Institute of Health and seeks to prepare underrepresented students from Medicine, Science, Technology, Engineering and Mathematics (MSTEM) fields for a future career in health disparities and aging research.
- Kayla Tokar, a WVU music major graduate and RAP alum, received the American Musicological Society Teaching Award for her essay "Narratives of Musical Resilience and the Perpetuation of Whiteness in the Music History Classroom". Written with her mentor, Travis Stimeling, the article offers new teaching materials that decenter traditional, Euro-centric histories of 18th-century music, and models anti-racist pedagogy in its attentiveness to power dynamics in music historiography.

## SUMMER UNDERGRADUATE RESEARCH EXPERIENCE (SURE)

WVU SURE is a chance for advanced undergraduate researchers to spend 8 weeks of their summer working full-time on a mentored research project. Through generous funding from WV Higher Education Policy Commission's Division of Science and Research along with funding committed by several departments across campus, SURE provides students with a \$4000 stipend plus an additional \$200-500 for enrichment activities. Facilitated research, trainings, workshops, career mentoring seminars, and research presentations (i.e., Summer Undergraduate Research Symposium) improve participants' understanding of the research enterprise and the value of continuing their education post-undergraduate. In 2022, SURE supported 68 undergraduate researchers. To date, we are aware of 138 publications with SURE participants as undergraduate co-authors. WVU SURE Site has been continuously funded since 2005.



## FIRST2 IMMERSION



In summer 2022, WVU hosted for the 4th time a residential, immersive STEM research experience for first-generation and underrepresented rising freshmen. Eleven participants and four undergraduate research mentors worked on research projects in Physics, Neuroscience, Geography, and Computer Science. The program was supported by [First2 Network](#), one of eight NSF INCLUDES alliances funded nationwide that aims to improve the early persistence of rural, first-generation STEM college students in their majors across West Virginia. Seven of the participants continued as research apprentices in the RAP program during fall.

## WVU HOSTED NSF-REU SITES

WVU now hosts four National Science Foundation-Funded Research Experiences for Undergraduates ([NSF-REUs](#)). Each experience supports undergraduate students primarily from other institutions to come to WVU for a summer of intensive research. Students are offered a summer stipend and an opportunity to conduct research in STEM departments at WVU.



**CHEMISTRY**

**ROBOTICS**

**ASTROPHYSICS**

**BEHAVIORAL  
SCIENCE**

## ADDITIONAL WVU SUMMER SITES



WVU 2022 VISION Fellow Emmanuel Frimpong from Claflin University

**SUMMER  
UNDERGRADUATE VISION  
RESEARCH FELLOWSHIP  
PROGRAM**

**MD/PHD SUMMER  
RESEARCH INTERNSHIP**

**WVU CANCER INSTITUTE  
(WVUCI) SUMMER  
RESEARCH FELLOWSHIP**

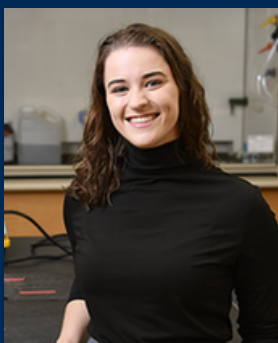


## MOUNTAINEER UNDERGRADUATE RESEARCH REVIEW (MURR)

MURR is WVU's student-led undergraduate research journal, training the next generation of scholars, scientists, artists and writers since 2009. MURR advances opportunities for WVU students by providing an outlet for publishing scholarly and creative works while deepening their engagement within their field of study. By contributing to MURR, serving on its editorial board, and in its leadership, students play an active and critical role in reinforcing WVU's reputation as a very high-research-intensive land grant university. MURR, Vol. 7 was released in Spring 2021. Below we highlight members of MURR's Editorial Review Board.

### TEAGAN KUZNIAR

Editor-in-Chief



Teagan is a senior Environmental Microbiology major from Morgantown, WV. Teagan is a 2021 Udall Scholar and a 2022 Goldwater Scholar.

### WREN KING

Managing Editor



Wren is a fourth-year student from Morgantown, WV. They are an anthropology, women's and gender studies, and geography triple major with a minor in Native American studies.

### DANIEL ESGUERRA

Design Editor



Daniel is a senior Biomedical Engineering major from Morgantown, WV. His research interests include biomechanics and muscle hypertrophy through protein synthesis.

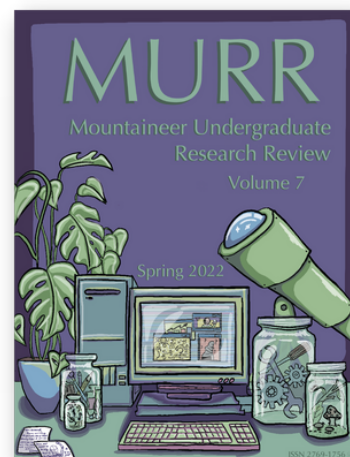
Head Section Editors: Alex Dean and Thomas Wilkins

Design Editor: Daniel Esguerra

HASS Editors: Jordan Payton, Gwendolyn Dzwil, Red Klug, Aidan Connors, and Bethanny Prascik

STEM editors: Raafay Uqaily, Kallie Schafner, Kamil Abbas, Zachary Ellis, Ashley McCullough, and Michael Fiala

Exploratory Board: Rachel Morris and Jacob Smothers



## **UGR AMBASSADORS**

UGR Ambassadors are advanced undergraduate researchers that are passionate about increasing research opportunities for students in the WVU community. UGR Ambassadors enhance the undergraduate experience at WVU by capitalizing on their firsthand experiences with research. UGR Ambassadors communicate the value of undergraduate research at events such as Discover WVU Day and WVU Junior Preview Day, promote UGR programming by visiting orientation classes (191s), and provide programmatic support during our undergraduate research symposia and in Introduction to Research courses hosted by the RAP program. The focus of UGR Ambassadors for 2022-2023 is engagement in research and creative work by students in Humanities, Arts and Design.



## **UNDERGRADUATE RESEARCH ASSOCIATION**

The Undergraduate Research Association is a student organization for aspiring researchers involved in undergraduate research. The organization operates in partnership with the WVU Office of Undergraduate Research, helping to promote and support activities such as networking events, workshops, and student opportunities. Membership includes undergraduate researchers from many diverse research disciplines led by some of our most distinguished undergraduate researchers Rachel Morris (President), Alex Dean (Vice President), Allie Douglas (Secretary), Mani Harrah (Treasurer), and Cooper Coursey (Recruitment Chair).



## STUDENT PUBLICATIONS

One of the most exciting outcomes of undergraduate research is when students publish their work in scholarly sources. These scholarly works represent significant advancements in their fields of study and pave the way for future successes in applying to graduate or professional school. Here we highlight some of the more than 52 publications with undergraduate authorship in 2021 (faculty reporting occurs at year's end).



Applied and Environmental  
Microbiology®

GENETICS AND MOLECULAR BIOLOGY  
December 2021 Volume 87 Issue 24 e01801-21  
<https://doi.org/10.1128/AEM.01801-21>

### Independent Evolution of a Lysergic Acid Amide in *Aspergillus* Species

Abigail M. Jones, Chey R. Steen, Daniel G. Panaccione

West Virginia University, Division of Plant and Soil Sciences, Morgantown, West Virginia, USA



**ABIGAIL JONES  
BECKMAN**



**CHRISTIAN JENSEN  
PSYCHOLOGY**



Behavioural Processes  
Volume 195, February 2022, 104567



### Resurgence during transitions from variable- to fixed-interval schedules

Christian P. Yensen , Tyler D. Nighbor, Jemma E. Cook, Anthony C. Oliver, Kennon A. Lattal

West Virginia University, USA

Original Paper | [Published: 05 August 2021](#)

### Maternal Depression and Socialization of Children's Positive Affect Regulation

[Kayley E. Morrow](#) , [Amy L. Gentzler](#), [Tyia K. Wilson](#), [Katelyn F. Romm](#) & [Amy E. Root](#)

[Journal of Child and Family Studies](#) 30, 2413–2426 (2021) | [Cite this article](#)

489 Accesses | 4 Citations | [Metrics](#)



**KAYLEY MORROW  
PSYCHOLOGY, SURE**

## RESEARCH SYMPOSIA

The Office of Undergraduate Research hosts three research symposia at WVU each year (spring, summer and fall). These symposia are an opportunity for students to communicate their work and receive feedback from peers, mentors, graduate students and faculty. For many students, presenting their research, scholarly, or creative activities is the culmination of years of work and represents a major leap from student to professional.

### 6TH ANNUAL SPRING

The [Spring Symposium](#), held on the Evansdale Campus on April 9, 2022, featured 20 oral presentations, three visual and performing arts presentations, and 136 poster presentations. Presentations were given at the Museum Education Center and Canady Creative Arts Center.



### 14TH ANNUAL SUMMER SYMPOSIUM

The [Summer Symposium](#), held on July 28, 2022, featured 195 presentations from WVU's SURE participants in addition to participants of other summer undergraduate research programs from WVU and from across the country. Students from 69 institutions across the US and Europe participated, including a remote session for Ukrainian students thanks to support from the Eberly College of Arts & Sciences







## 5TH ANNUAL FALL SYMPOSIUM

The Fall Symposium was held at the Mountainlair on December 3, 2022. A poster session featured 68 students involved in RAP, Honors EXCEL, and other research courses across WVU, followed by three oral presentation sessions with 12 presenters. Forty faculty and graduate students from WVU volunteered as judges to select the best presenters.

## BLANEY HOUSE POSTER SESSION



In Spring 2022, over 30 undergraduate researchers were invited to attend a reception at the home of WVU's president, Gordon Gee. This reception was held to honor the great work of these researchers and celebrate their participation in various research programs, presentations, and conferences. Students presented their research posters to President Gee and their peers. This event facilitated impactful discourse about undergraduate research ongoing at WVU.

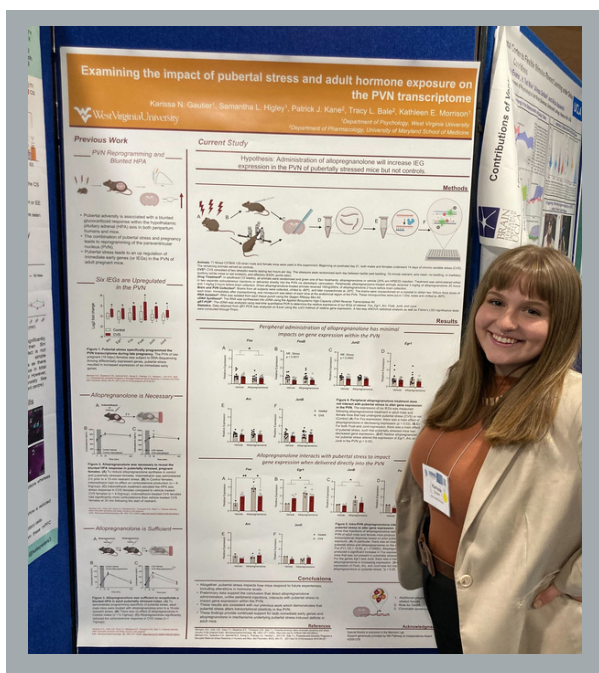


## TRAVEL FUNDING

Our office designates up to \$500 of competitive travel funding for approximately 10 student researchers each fiscal year. Travel funding offsets the costs associated with attendance and presentation (oral or poster) of research or creative work at national or regional discipline specific conferences. Throughout 2022, we received an unprecedented number of requests from students to support their travel to present at professional conferences. 18 students benefitted from travel awards and presented in disciplines ranging STEM, arts, humanities, social sciences, design, and health and human services.

### KARISSA GAUTIER

Of the students awarded travel funding in 2022, Karissa Gautier is one student who crossed boundaries to demonstrate the impact WVU students can have on the global community. With the support of Office of Undergraduate research travel funding and her mentor Dr. Kathleen Morrision, Karissa attended and presented her research, "Examining the impact of pubertal stress and adult hormone exposure on the PVN transcriptome," at the International Behavioral Neuroscience Society conference in Glasgow, Scotland from 6/7/2022 – 6/11/2022.



## **UNDERGRADUATE RESEARCH DAY** **AT THE CAPITOL (URDC)**

Each year, WVU undergraduates showcase their research and creative works to West Virginia lawmakers and the general public at the statewide Undergraduate Research Day at the Capitol (URDC) event. This event gives lawmakers a glimpse of the value of continuing to fund West Virginia academic institutions in both educational and research endeavors. The 2022 event was a poster session held in the Capitol Rotunda in Charleston, WV. The session included presentations from 49 WVU undergraduates from a variety of disciplines including agriculture, biochemistry, biology, chemistry, creative arts, engineering, exercise science, forensics, health sciences, history, community health, immunology and medical microbiology, international studies, neuroscience and psychology.

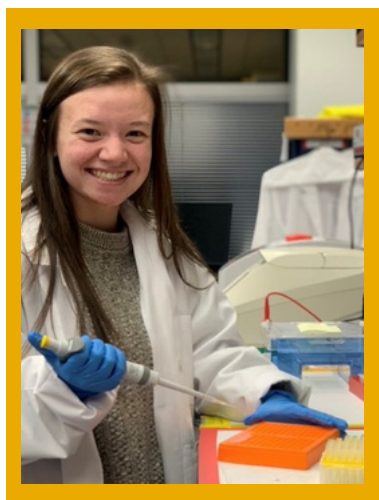


43 students attended from the WVU campus and 6 students attended from the WVU Institute of Technology campus.





## **POSTERS ON THE HILL (POH)**



Rachel McNeel, a chemistry major from Beckley, WV, was WVU's seventh consecutive student representative at the Council on Undergraduate Research's 26th annual Posters on the Hill (POH) event. POH selection is highly competitive. Typically, only one student per state is invited to present and meet congressional staff members, federal government officials and representatives from federal funding agencies. POH 2022 took place virtually on April 26-27, 2022. However in-person visits to see Senator Manchin and Senator Capito's staff took place May 10 and 11.

Rachel McNeel and Jianhai Du, Early metabolic hallmarks of the eye and brain in Alzheimer's disease

[Learn more about Rachel's research here](#) | [2022 Press Release](#)

## **NATIONAL CONFERENCE ON UNDERGRADUATE RESEARCH (NCUR)**

Since 1987, [NCUR](#) has served as the Council on Undergraduate Research's signature undergraduate research event. NCUR is dedicated to promoting and celebrating undergraduate research and creative endeavors in all fields and from undergraduates attending institutions nationwide. Students are competitively selected to present their work in forms such as oral, poster, or visual and performing arts. NCUR 2022@home was held virtually April 4-8, 2022. Over 3,200 students, faculty, and administrators participated in this conference, with five WVU students contributing presentations in 2022.

Name	Major	Presentation Title
Teagan Kuzniar	Environmental Microbiology	Temperature, Oxygen, and Vegetation as Drivers of Microbial Dynamics in Warming Boreal Peatlands
Anthony Siler	Biology	Establishing Feasibility of an Experimental Rat Model for Veno-arterial Extracorporeal Membrane Oxygenation
Rachel McNeel	Chemistry	Early Metabolic Hallmarks of the Eye and Brain in Alzheimer's Disease
Michael Ferrebee	Chemical Engineering	An unconventional direct ink writing technique for polymer membranes
Hayden Moran	Chemistry	Theoretical Investigation of Cyclic Ketones Reactions with OH Radicals: Effects of Conjugation
Amna Haleem	Biomedical Engineering	Electrokinetic device for early breast cancer detection from liquid biopsy
Kamil Abbas	Immunology and Medical Microbiology	A Three Year Analysis of Fresh Tissue Training for General Surgery Residents
Cassidy Wetz	Sociology and Legal Studies	The Illegalization of Cannabis and Its Relationship to West Virginia

## BECKMAN SCHOLARS

The Office of Undergraduate Research actively pursues funding to support undergraduate research and creative endeavors. In June 2019, WVU was one of 12 institutions nationwide awarded a grant from the [Arnold and Mabel Beckman Foundation](#) to fund a Beckman Scholars Program at WVU. This award provides six high-achieving students with the opportunity to engage in 15-months of continuous, immersive research, full-time for two summers and part-time for one academic year. Selected students earn the title of Beckman Scholars and receive \$21,000 of funding (stipend and supply/travel). Their faculty research mentors also receive \$5,000 to be used in support of the Beckman Scholars' research projects. Read more about our Beckman Scholars below.

### BRYAN HO

BIOCHEMISTRY



A junior, Honors College student with a minor in psychology, got started in research after Dr. Daniel Panaccione spoke to her freshman orientation class about research opportunities at WVU. It sparked her interest, so she asked Panaccione if his lab was hiring and interviewed for a position there two days later. In Panaccione's lab, Jones works with ergot alkaloids, chemicals that can kill insects, or, when modified, can be used in pharmaceuticals.

### ZACHARY ELLIS

BIOCHEMISTRY



A senior, Honors College student, started researching with the Department of Neuroscience in the first semester of her freshman year. She joined the RAP during her second semester and began working in her faculty mentor Cerasela Zoica Dinu's laboratory in the Chemical and Biomedical Engineering Department. Her research focuses on finding the right synthetic environments for enzymes to behave in the ways they should, some of which have potential applications in healthcare, such as biosensors to help patients with diabetes monitor their glucose levels.

## **IMMUNOLOGY AND MICROBIOLOGY INTERNSHIPS**

The COVID-19 pandemic has underscored the need for biomedical research, particularly in immunology. The [Department of Microbiology, Immunology and Cell Biology internship](#) offers students in the Immunology and Medical Microbiology Program vital experience in cutting edge research projects in microbiology, infectious diseases, immunology, neuro-immunology, vaccinology, cancer cell biology, and molecular biology. Students begin their projects as sophomores and are supported to develop and conduct an independent research project for two years. Each summer, the students present their research at the Summer Undergraduate Research Symposium. Students also present their work at regional and national scientific conferences. In 2022, [seven juniors and five seniors](#) participated in the two year program. In 2022, Linda Ma and Emma Swiger won best undergraduate presentation awards at the Autumn Immunology Conference in Chicago.

## **APPALACHIAN GERONTOLOGY EXPERIENCES - ADVANCING DIVERSITY IN AGING RESEARCH SCHOLARS PROGRAM (AGE-ADAR)**

In 2020, the National Institutes of Health awarded WVU a \$1.7 million, five-year R25 training grant to establish the [Appalachian Gerontology Experiences - Advancing Diversity in Aging Research Scholars Program](#) project to provide training and research experiences for underrepresented students in medical and STEM fields seeking a future career in health disparities and aging research. Led by Dr. Julie Hicks Patrick (Psychology), the program selected its first cohort of 19 sophomores and juniors in 2021 to participate in intensive hands-on research through this two-year paid program and selected its second cohort of 10 students in 2022.



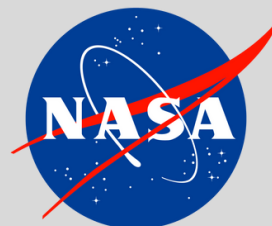


## **NASA WV SPACE GRANT CONSORTIUM (WVSGC)**

Four WVU undergraduate students in mechanical engineering, aerospace engineering, and exercise physiology were awarded [NASA West Virginia Space Grant Consortium Fellowships](#) in 2022. This statewide competition for undergraduate research that supports NASA's mission includes a \$5000 award to support student stipend and funds for travel to present their research. The research opportunities were made possible by NASA Grant and Cooperative Agreement #80NSSC20M0055.



SAVANNAH USED FUNDS FROM HER WVSGC TO STUDY TIDAL MOTION ELECTRICAL GENERATION. SHE GRADUATED IN DECEMBER 2022 AND IS CURRENTLY AN AEROMECHANICS INTERN AT NASA AMES RESEARCH CENTER



**SAVANNAH TONEY,  
AEROSPACE ENGINEERING  
WVU HONORS COLLEGE**

## **WV-INBRE HSTA SCHOLARS**

[West Virginia IDeA Network of Biomedical Research Excellence Program](#), funded by a NIH Institutional Development Award (IDeA), seeks to enhance the capacity of select institutions of higher education in West Virginia to educate and train their faculty and students in biomedical research. WV-INBRE selected four West Virginia University HSTA scholars as biomedical research interns for the 2021-2022 academic year. All interns are funded for 25 weeks of research during the academic year and presented their research at the 20th Annual WV-INBRE Summer Research symposium at the Waterfront Hotel & Conference Center in Morgantown, WV in July 2022.



## MENTOR AWARDS

WVU UGR confers Awards for Distinction in Mentoring Undergraduates in Research each year. For 2022, we have introduced a new award for graduate student mentors. Awards are presented among four categories: Physical Sciences & Technology, Humanities & the Arts, Behavioral & Social Sciences, and Biosciences & Health Sciences. Read more about our 2022 Awardees below.

**ANGEL SMOTHERS**

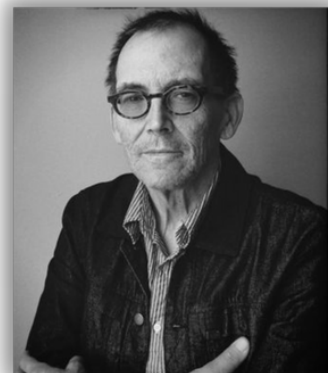
Clinical Associate  
Professor in the School  
of Nursing

**BRIAN POPP**

Associate Professor of  
Chemistry in the Eberly  
College of Arts and Sciences

**JOEL BEESON**

Professor of Journalism  
in the Reed College of  
Media

**NICHOLAS TURIANO**

Associate Professor of  
Psychology in the Eberly  
College

**WILLIAM WALKER II**

Postdoctoral Fellow in the  
Department of Neuroscience  
in the School of Medicine

**ERIN HUDNALL**

Doctoral Candidate in the  
Department of Sociology  
and Anthropology in the  
Eberly College



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## FINANCIAL SUPPORT FOR UNDERGRADUATE RESEARCH PROGRAMS

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### **WVU HONORS COLLEGE**

The Honors College at WVU seeks to engage all undergraduate students in any college or discipline at WVU in research experiences through their generous support of the Office of Undergraduate Research.



### **LOUIS STOKES STEM PATHWAYS AND RESEARCH ALLIANCE: KY-WV LSAMP (WV PI: DAVID MILLER)**

Funded by NSF, the KY-WV LSAMP is a consortium of colleges and universities working together to create, enhance, and expand programs designed to broaden participation and increase the quality and quantity of students from underrepresented populations who receive degrees in STEM disciplines. One of its primary goals is engagement in undergraduate research experiences. Eligible students are supported to do research in RAP and SURE.



### **FEDERAL WORK STUDY**

A federal student aid program that provides part-time employment while students are enrolled in school to help pay their education expenses. The program encourages work related to the students' course of study, including research.



### **BECKMAN SCHOLARS PROGRAM**

Funding provided by the Arnold and Mabel Beckman Foundation. The Beckman Scholars Program provides in-depth, sustained undergraduate research experiences for exceptionally talented, full-time undergraduate students.



### **FIRST2 NETWORK**

Initiative funded by NSF that aims to increase the persistence of STEM students in their majors, particularly first-generation WV students. Eligible undergraduate students are supported to do research in the First2 Summer Immersion Program and through RAP.



### **WEST VIRGINIA HIGHER EDUCATION POLICY COMMISSION: SCIENCE AND RESEARCH.**

WVHEPC Science & Research generously supported the WVU SURE Program in 2022 enabling 68 students to participate in this 8-week summer program.



<b>Name</b>	<b>Title</b>	<b>Department/Office</b>
<b>Dr. Amy E. Hessler</b>	<b>Director</b>	<b>Office of Undergraduate Research</b>
<b>Dr. Cinthia Pacheco</b>	<b>Assistant Director</b>	<b>Office of Undergraduate Research</b>
<b>Kevin Walden</b>	<b>Program Coordinator</b>	<b>Office of Undergraduate Research</b>
<b>Miranda Reed</b>	<b>Administrative Associate</b>	<b>Office of Undergraduate Research</b>

## UNDERGRADUATE RESEARCH AMBASSADORS

<b>Name</b>	<b>Major</b>
<b>Amelia Godwin</b>	<b>Psychology</b>
<b>Amirah Mitchell</b>	<b>Biomedical Engineering</b>
<b>Ethan Harner</b>	<b>Geography and Economics</b>
<b>Rushik Patel</b>	<b>Biomedical Engineering</b>
<b>Egon Mamboleo</b>	<b>Mechanical Engineering</b>
<b>Rachel Morris</b>	<b>Biology</b>

**OFFICE STAFF AND FACULTY ADVISORS**  
**UNDERGRADUATE RESEARCH ADVISORY COUNCIL**

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<b>Name</b>	<b>Department</b>	<b>College/School</b>
<b>Dr. Ken Blemings</b>	<b>Biochemistry &amp; Dean, Honors College</b>	<b>Honors College</b>
<b>Dr. Olga Bruyaka Collignon</b>	<b>Management</b>	<b>John Chambers College of Business &amp; Economics</b>
<b>Dr. Ed Brzostek</b>	<b>Biology</b>	<b>Eberly College of Arts &amp; Sciences</b>
<b>Dr. Nancy Caronia</b>	<b>English and Cultural Studies</b>	<b>Eberly College of Arts &amp; Sciences</b>
<b>Dr. Elizabeth Claydon</b>	<b>Social and Behavioral Sciences</b>	<b>School of Public Health</b>
<b>Dr. Julia Fraustino</b>	<b>Strategic Communications</b>	<b>Reed College of Media</b>
<b>Dr. Alexey Ivanov</b>	<b>Biochemistry &amp; Molecular Medicine</b>	<b>School of Medicine</b>
<b>Dr. Ember Morrissey</b>	<b>Environmental Microbiology</b>	<b>Davis College of Agriculture, Natural Resources &amp; Design</b>
<b>Dr. Mikylah Myers</b>	<b>Associate Dean of Artistic and Scholarly Achievement</b>	<b>School of Music</b>
<b>Dr. Dimitra Pyrialakou</b>	<b>Civil and Environmental Engineering</b>	<b>Statler College of Engineering</b>
<b>Dr. Christopher Rota</b>	<b>Wildlife and Fisheries</b>	<b>Davis College of Agriculture, Natural Resources &amp; Design</b>
<b>Dr. Ed Sabolsky</b>	<b>Mechanical and Aerospace Engineering</b>	<b>Statler College of Engineering</b>
<b>Dr. Herschel Thomas</b>	<b>Political Science</b>	<b>Eberly College of Arts &amp; Sciences</b>
<b>Bryan Ho</b>	<b>Biochemistry</b>	<b>Eberly College of Arts &amp; Sciences</b>
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