



PROVOST REPORT

ACADEMIC AFFAIRS

FEBRUARY 2022



A Message from Academic Affairs

Greetings!

Academic Affairs is a large enterprise, consisting of ten colleges and schools, Student Affairs, Research, and Enrollment Management. Two vice presidents (VP research, VP for student and intercultural affairs), the associate provost, the assistant provost, three associate vice presidents, nine academic deans, the dean of admissions and enrollment services and the new Division of Aviation all report directly to the Provost.

I am immensely proud of the many units that make up Academic Affairs. Even though COVID continues to shape our lives and experiences in unexpected and always changing ways, we are not interested in going back to “business as usual.” Instead, we are committed to looking ahead. Not content to wait for the pandemic to end, our faculty, staff, and students are forging ahead to meet their individual goals and our collective mission. This report contains information from the various units in Academic Affairs, including information about faculty and staff achievements, student achievements, program highlights, and community engagement. Below are some of the highlights:

1. In the **College of Arts and Media**, students from Marshall University's public radio station, WMUL-FM, and Dr. Charles Bailey, faculty advisor, received four Platinum Awards, five Gold Awards and two Honorable Mention Awards in the International AVA Digital Awards 2022 Competition in the news package, documentary, sports, and promotion categories.
2. Dr. Sanghoon Lee, Assistant Professor in Computer Sciences in the **College of Engineering and Computer Sciences**, received an NSF Engineering Research Initiation grant in the amount of \$200K, starting at the end of summer 2022. This award will support his research in the discovery of brain cancer through analysis of image scans of brain tissue using machine learning.
3. Dr. Jennifer McFarland-Whisman, in the **College of Education and Professional Development**, is providing training and support to a second cohort of WV Birth to Three provides on the Early Start Denver Model. The model is an evidence-based practice used to support families and their toddlers with autism. Additionally, Dr. McFarland-Whisman serves on a WV Department of Education committee charged with revising the WV Autism Guidelines document. The guidelines provide information to teachers about best practice strategies used to teach students with ASD.
4. The School of Physical Therapy in the **College of Health Professions**, along with the Business Administration MBA program in the **Lewis College of Business** plans to offer a dual DPT/MBA degree for graduate professional students seeking the Doctor of Physical Therapy degree. This dual degree provides graduates with education, training, and experience to prepare them for

health-care-related management/administration or business ownership as a private practitioner. There are no universities in the region currently offering the dual DPT/MBA degree and only a small number of universities do offer the degree.

5. Ten Psychology students, in the **College of Liberal Arts**, have been selected as Rural Community Health Scholars through a program sponsored by the WV Area Health Education Centers at West Virginia University. The state-wide program gives students coursework, immersion experiences, and engagement with interdisciplinary health care providers in rural communities across the state.
6. Four students in the **College of Science** have been awarded grants and scholarships for their investigative work. Keegan Abel received \$3,162 from the WV Higher Education Policy Commission; Jack Pennington was awarded a \$1,000 NASA Undergraduate Student Research Scholarship; Paul Summers received a \$750 Creative Discovery Scholar Award, and Jordyn Bryson was awarded the Gilman Scholarship by the United States Department of State.
7. The **Division of Aviation** reports that renovations on the second hangar at Huntington Tri-State airport are underway and we recently received another plane, a Cessna 335 twin-engine.
8. Marshall University's **Libraries and Online Learning** program is hosting two art exhibits. The Drinko Library is hosting the *Creation in Confinement* exhibit and the South Charleston Campus Library is hosting the *Conception of Flight* exhibit.
9. Dr. Eric Blough and Dr. Craig Kimble, of the **School of Pharmacy**, received \$21,000 from the West Virginia Higher Education Policy Commission to award scholarships to students who are pursuing a career in rural healthcare.

On behalf of Dr. Karen McComas, Interim Associate Provost, and Dr. Carl Mummert, Assistant to the Provost, I invite you share our pride and celebrate the scholarly and creative works of our faculty, along with the successes of our students and our alumni.

Sincerely,

Avinandan "Avi" Mukherjee, Ph.D.
Interim Sr. Vice President for Academic Affairs
& Provost

Karen McComas, Ed.D.
Interim Associate Vice President for Academic
Affairs and Associate Provost

ACADEMIC & STUDENT AFFAIRS REPORT

Board of Governor’s Meeting

February 10, 2022

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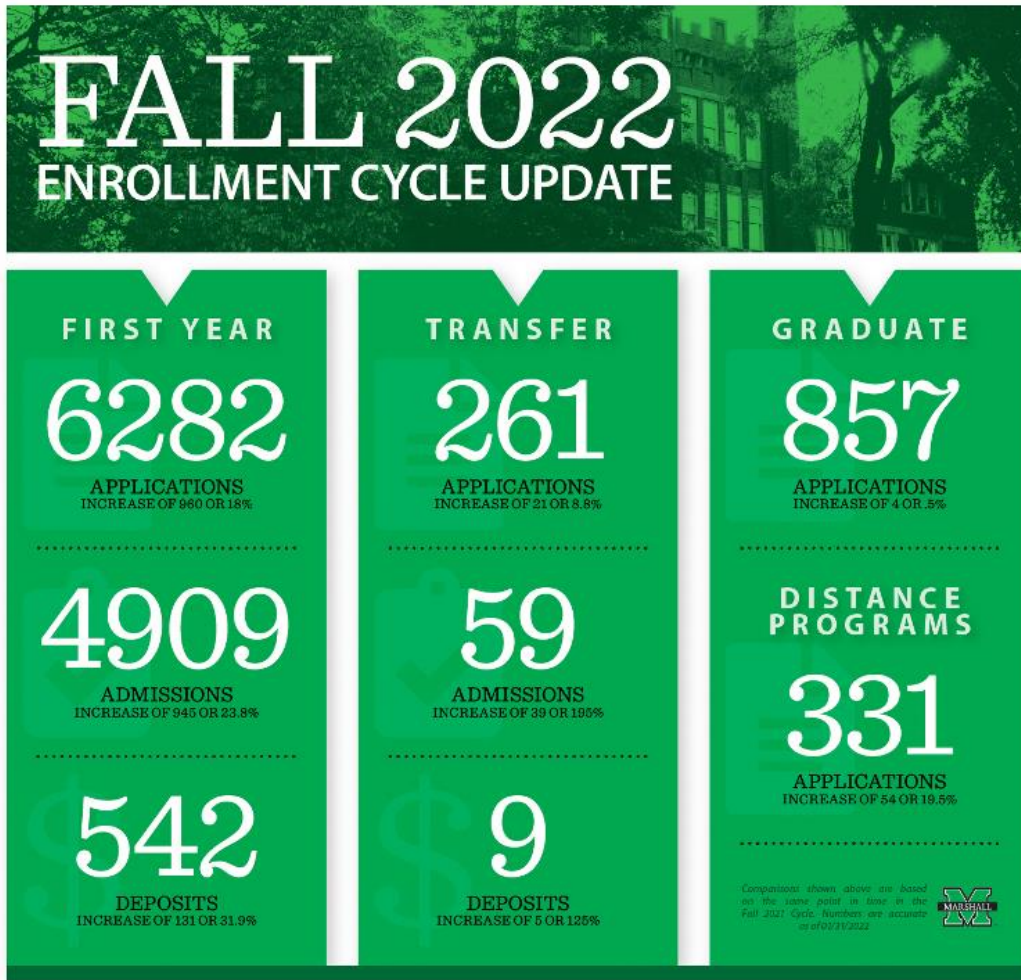
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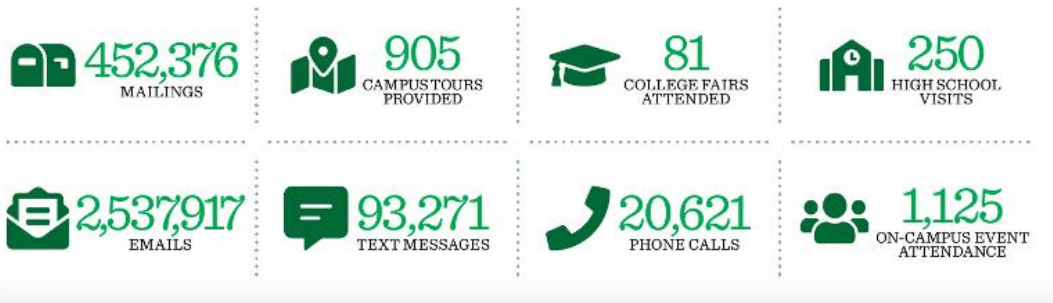
ADMISSIONS AND ENROLLMENT SERVICES (DEAN: DR. TAMMY JOHNSON)

PROGRAM HIGHLIGHTS

The next Green and White Day Open House event will be held Friday, February 11th. The first session begins at 8 a.m. in the Joan C. Edwards Performing Arts Center. All members of the Board are invited.



RECRUITMENT EFFORTS TO DATE FOR FALL 2022



COLLEGE OF ARTS AND MEDIA (INTERIM DEAN: DR. WENDELL DOBBS)

FACULTY & STAFF ACHIEVEMENTS

There are two exhibitions organized by **Sandra Reed** on display in the South Charleston campus Library that have benefitted from funding by the American Rescue Plan.

- Currently, *Conceptions of Flight*, acknowledges the healing for the Marshall community that is represented by the development of a new academic aviation program concurrent with the solemn acknowledgement of the 50th anniversary of the Marshall plane crash. The project involved 11 students, 3 alumni artists, a design collaborator (Marshall alumna Savannah Julian), and a collaborative author (Marshall Professor of English and 2019-2021 Drinko Academy Fellow Rachael Peckham). The exhibition, in the Library Gallery on the South Charleston campus, closes on February 18, 2022. A literary event will be presented in the Library Gallery by the exhibition's collaborative author, Marshall University Professor Peckham on Thursday, February 3 at 6pm.
- *Selvage* is the second ARP-grant-funded art exhibition, which is Professor Reed's first solo show since moving to West Virginia in 2014. *Selvage* will display artwork that Professor Reed created with support from a Faculty Senate Summer Research Award, College of Arts and Media Faculty Development grant for an artist residency at The Hambidge Center for the Arts and Sciences (Rabun Gap, Georgia), and a 2021 Faculty Sabbatical. *Selvage* will be presented in the Library Gallery in March and April 2022. The collaborative author for *Selvage* is Marshall University Professor of English Daniel O'Malley.

School of Journalism and Mass Communications professor, **Dan Hollis**, is one of five finalists for the 2022 Faculty Merit Foundation of West Virginia Professor of the Year award.

The Parthenon faculty advisor, **Charles Bowen**, received award certificates from the 2021 West Virginia Press Association awards.

STUDENT ACHIEVEMENTS

The Parthenon student newspaper staff received a first-place award for Best Covid-19 Coverage in Division 3, a second-place award for Best Governmental Affairs Reporting and a third-place award for Best News Feature.

Students from Marshall University's public radio station, WMUL-FM, and Dr. **Charles Bailey**, faculty advisor, received four Platinum Awards, five Gold Awards and two Honorable Mention Awards in the International AVA Digital Awards 2022 Competition in the news package, documentary, sports, and promotion categories.

PROGRAM HIGHLIGHTS

School of Art and Design Interim Director, **Frederick Bartolovic**, will return to teaching in the Ceramics Studio this next academic year. The College thanks him for his excellent leadership. **Dr. Zanter**, Professor of Composition in the School of Music, will be the SOAD's next Interim Director. He is a highly recognized composer whose work regularly provides opportunities for collaborations with the other arts.

The Parthenon published its first edition of the newspaper for the spring semester January 26 with a Back-to-School edition collaboration with The Herald-Dispatch. The Parthenon prints on Wednesdays through the semester but publishes daily on its website, marshallparthenon.com, and social media.

WMUL-FM spring semester broadcasts includes play-by-play for Marshall Men's Basketball, Marshall Women's Basketball, Marshall Softball and Marshall Baseball.

February 4 at 4 p.m., The Dr. Carter G. Woodson Lyceum, Prof. **Burnis Morris**, Director, will have an unveiling of the 2022 Official Black History Poster, honoring winners of the Black History Poster Competitions. The Lyceum will host several Black History Month events in February, including The Annual Dr. Carter G. Woodson Lecture February 18, "The Appalachian Origins of the Modern Civil Rights Movement" February 21, and "Black Physicians in the Union Army in the War of the Rebellion" February 25.

The School of Music has the upcoming events:

- Concert of Soloists (Orchestra) - February 6.
- Winter Jazz Festival - February 11-12 (160-200 high school students on campus), guest artist Pete Mills and his "B3 4Tet".
- High School Honor Band - February 17-18 (300-400 high school students on campus).
- Jackson/Balshaw Soloist Competition - February 20, Winner's Recital on April 10.
- New Music Festival - February 24-26 (Featuring student and professional composers' new works).

The Artist's Series is preparing for a new film festival February 17-20, (The Russell Bruce Film Festival). A curated film festival honoring the late Russell Bruce, a Michigan native, friend of Roger Ebert, who lived in Chicago and was introduced to the MAS diverse program offerings at the Sundance Film Festival. His family, in Russ's honor, wanted to share his love of art, people, and all having access to education through his celebration of film.

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE (INTERIM DEAN: DR. DAVID DAMPIER)

FACULTY & STAFF ACHIEVEMENTS

Dr. Sanghoon Lee, Assistant Professor in Computer Sciences, received an NSF Engineering Research Initiation grant in the amount of \$200K, starting at the end of summer 2022. This award will support his research in the discovery of brain cancer through analysis of image scans of brain tissue using machine learning.

Four faculty from CECS are participating in a contract with Booz-Allen-Hamilton to support the U.S. Military in cyber security research. This contract is worth between \$200K and \$400K and is a short-term project to produce research supporting the military's use of Cloud Computing.

The following papers have been reported as published since the last update:

N. Nosoudi, Hart, C., McKnight, I., Esmailpour, M., Ghomian, T., Zadeh, A., Raines, R., and Ramirez-Vick, J., "Differentiation of adipose-derived stem cells to chondrocytes using electrospraying," *Scientific Reports* 11, Article Number 24301, December 2021.

Alzarrad, A., Emanuels, C., Imtiaz, M., Akbar, H. (2021). Automatic Assessment of Buildings Location Fitness for Solar Panels Installation Using Drones and Neural Network. *CivilEng*, 2(4), 1052-1064.
<https://doi.org/10.3390/civileng2040056>

Hatamleh, M.T., Moynihan, G.P., Batson, R.G., **Alzarrad, A.**, and Ogunrinde, O. (2021). Risk Assessment and Ranking in the Developing Countries' Construction Industry: The Case of Jordan. *Engineering, Construction and Architectural Management*, Vol. (ahead-of-print) No. (ahead-of-print).
<https://doi.org/10.1108/ECAM-06-2021-0489>

PROGRAM HIGHLIGHTS

The college underwent an accreditation visit by ABET in October 2021, and we expect that all of our engineering programs, as well as Occupational Safety and Health will be accredited fully after the ABET Commissions meet in the summer.

COMMUNITY ENGAGEMENT

CECS is implementing engineering CAS to help in graduate student recruiting, and we visited several high schools, including South Charleston High School, in the Fall. We are planning 3 visits to high schools in the Spring.

COLLEGE OF EDUCATION AND PROFESSIONAL DEVELOPMENT

(DEAN: DR. TERESA EAGLE)

FACULTY & STAFF ACHIEVEMENTS

From Special Education

Drs. Eugenia Lambert, Debra Lockwood, and Paula Lucas were selected for the first-ever Chair Leadership Academy for Spring 2022.

Dr. Debra Lockwood, Special Education Program Director, Assistant Professor of Special Education, published an article in the Fall 2021 edition of the Teacher Education Journal of South Carolina titled "Ensuring Excellence: Using Concept Maps to Evaluate Preservice Teacher Understanding of Differentiated Instruction." This article was co-published with Dr. Jeremy Lopuch of Winthrop University.

Dr. McFarland-Whisman is providing training and support to a second cohort of WV Birth to Three providers on the Early Start Denver Model (ESDM). The ESDM is an evidence-based practice used to support families and their toddlers with autism.

Dr. McFarland-Whisman was invited by the WV Department of Education to participate on an ad hoc committee whose charge is to revise the WV Autism Guidelines document. The guidelines provide information to teachers about best practice strategies used to teach students with ASD.

From Counseling

Dr. Bob Rubenstein received an appreciation award from the Kanawha School Counselors.

From School Psychology

Dr. Conrae Lucas-Adkins was elected for a second term as the WV Delegate to the National Association of School Psychologists.

The college held a reception to honor **Dr. Janet Dozier** on her retirement. Janet served Early Childhood Education for over 20 years.

COMMUNITY ENGAGEMENT

The college is currently coordinating with the Mountain State Education Services Cooperative to sponsor the Regional Math Field Day in April.

COLLEGE OF HEALTH PROFESSIONS (DEAN: DR. MICHAEL PREWITT)

FACULTY & STAFF ACHIEVEMENTS

Sarah Clemins and **Pam Holland**, in the Communication Disorders department, were invited by the American Speech, Language and Hearing Association (ASHA) to participate in the *ASHA Voices* podcast. The focus on the podcast is on the research being done related to the long-term effects of prenatal opioid exposure and language development (<https://leader.pubs.asha.org/doi/10.1044/2022-0106-podcast-podcast-opioid-SLP-2022/full/>).

STUDENT ACHIEVEMENTS

Bethany Bloss, senior in the CD program, received the COHP Undergraduate Creative Discovery and Research Scholar Award for her project with *Language Sampling in Adolescents*. Her faculty advisor is Dr. Carrie Childers.

Peyton Thomas, a senior Exercise Science student, was awarded NASA WVSGC Undergraduate Research Fellowship to extend and complete his current research supported by MU Creative Discovery and Research Award for Fall 2021. His research title is *Sex and Age Effects on Skeletal Muscle Energy System in Response to Various Activity Levels*. Peyton is to further study neuromuscular function in the dual degree program (Doctor of Physical Therapy and Ph.D.) at Ohio State University.

Calvin Covington, a senior Exercise Science student, was also awarded MU Creative Discovery and Research Award for Spring 2020. His research title is *Comparison of Bone Density Measurements Using Two CT (Computed Tomography) Scanning Techniques in Hindlimb Suspend Rats*. He is planning to further study musculoskeletal system in the master's program of Exercise Science at Marshall University.

Curtis (Justin) Grant, Annabelle Treacy, & William Moynihan were hired by SportBox.AI to improve AI (artificial intelligence) algorithms for the company's 2-D golf swing product.

Two students received the Fall 2021 Undergraduate Creative Discovery and Undergraduate Research Scholar Awards: **Marie Okubo** for research determining the relationship between fatigue and dysfunctional shoulder movement patterns in high school volleyball athletes and **Sydney Wellman** for research concerning knee injuries in high school volleyball players: assessing fatigue, muscle activation, and joint motion.

Cameron Ferguson received the Spring 2022 Undergraduate Creative Discovery and Undergraduate Research Scholar Award. His research was a comparison of flag and tackle football head accelerations.

PROGRAM HIGHLIGHTS

Communication Disorders has developed a program for Speech-Language Pathology Assistants and are accepting applicants for summer of 2022.

The School of Physical Therapy in the **College of Health Professions**, along with the Business Administration MBA program in the **Lewis College of Business** plans to offer a dual DPT/MBA degree

for graduate professional students seeking the Doctor of Physical Therapy degree. This dual degree provides graduates with education, training, and experience to prepare them for health-care-related management/administration or business ownership as a private practitioner. There are no universities in the region currently offering the dual DPT/MBA degree and only a small number of universities do offer the degree.

COLLEGE OF LIBERAL ARTS (DEAN: DR. ROBERT BOOKWALTER)

FACULTY & STAFF ACHIEVEMENTS

English professor **Bob Hong** was elected Vice President of WV Teaching English to Speakers of Other Languages (TESOL). Psychology associate professor **Brittany Canady** was elected President of the WV Psychological Association. Associate professor of English **Hilary Brewster** is the new Director of the Marshall Women's and Gender Studies program. Spanish professor **Rosario Quintana** has been named Corresponding Academician of the North American Academy of the Spanish Language and the Royal Spanish Academy. **Jill Underhill**, associate professor of Communication Studies, has been elected Vice-chair of the Disabilities Issues Caucus for the National Communication Association.

Jeremy Barris, professor of Humanities/Philosophy published "Philosophical Presentation and the Implicitly Humorous Structure of Philosophy" in *Human Affairs*.

Tim Burbery, professor of English, published a chapter in *The Oxford Handbook of the Bible and Ecology*.

Humanities/Classics professor **Del Chrol** published a co-authored chapter, "Sexuality and the Court," in *The Roman Emperor and his Court*.

Megan Marshall, assistant professor of English, published a chapter, "Deaf Adjacency: Liminal Conditions of Not Hearing," in the collection, *Redefining Disability*.

Jeff Powell, professor of Humanities/Philosophy, published a chapter entitled "To Speak of Art...at the Limit," in the text, *Philosophy, Art and the Imagination: Essays on the Work of John Sallis*.

Jill Treftz, associate professor of English, has a chapter, "Flip Passes: Interpreting Agency and Contagion in *Bellwether*," in *Doomsday Every Day*, a collection of essays on science fiction writer Connie Willis.

English professor **John Young** has published three pieces, "Midwestern Magazine Modernism," in the *Journal of Modern Periodical Studies*; "On Textual Continuity," in *Textual Cultures*, and "American Magazines and the Cultural Production of Blackness," in *American Literary History*.

STUDENT ACHIEVEMENTS

Ten Psychology students have been selected as **Rural Community Health Scholars** through a program sponsored by the WV Area Health Education Centers at WVU. The state-wide program gives students coursework, immersion experiences, and engagement with interdisciplinary health care providers in rural communities across the state. The 2020 participants include **Savannah Adkins, Shakira Bowman, Justin Gibson, and Arielle Hensley**. The 2021 participants include, **Nathan Cook, Maddisen Ellison, Morgan Kinsey, Sabel Meadows, Sidney Stover, and Kimberly Vance**.

Matana Williams, Psychology sophomore, is participating in the Disney College program this spring. The program provides working experience in Disney parks and resorts while earning college credit.

Students network with Disney leaders and gain valuable career teamwork, problem-solving, communication, and guest service skills.

ALUMNI ACHIEVEMENTS

COLA alumni have found success in a wide variety of career fields:

Communication/Media/Journalism: Communication Director for the CDC, Press Secretary & Communication Director for Governor Joe Manchin, Communication Specialist for Disney, Pulitzer Prize winning writer for the Chicago Tribune, CEO of Thomson Reuters, Publisher of Stars & Stripes, Senior Communication Strategist for the Appalachian Regional Commission, CNN Correspondent.

Corporate and Governmental Administration: CEO of Charles Ryan, CEO of the Manahan Group, Labor Relations Consultant for the Ohio Education Association, Global HR Leader at Amazon, VP of Intercultural Affairs and Student Affairs at MU, Senior VP of Operations at MU, Chief of Staff for Senator Sanders, Deputy Secretary of State for WV, Director of Intergovernmental Affairs for the WV Governor's office, Assistant Attorney General for WV, Community Research Consultant for the Smithsonian, & Deputy General Manager of Ahli Bank in Kuwait.

Administration in the Non-Profit sector: Chief Operating Officer for the San Diego Symphony, Executive Director of HER Place, Associate Director of Advocacy for AARP.

Sales and Marketing: Marketing Director for Cabell Huntington Hospital, Regional Sales Manager for Astellas, President of the WV Auto Dealers Association, Marketing Director for Winterplace Resort.

IT: Information Security Engineer for Lumen and Head of Data Security at Carlsberg Group

PROGRAM HIGHLIGHTS

COLA maintains 23 excellent degree programs, we generate the most student credit hours of any college, and we generate those SCH's at the lowest cost per instructor and the lowest cost per credit hour.

COMMUNITY ENGAGEMENT

For over 50 years **Norma Carey Carroll**, and her husband Charles, have been generous and honored benefactors to Marshall University, the Simon Perry Center, and the College of Liberal Arts. Norma passed away on December 20, 2021. She and Charlie supported many programs across the university with their time, their attendance, their enthusiasm, and their financial support. They met while taking a Psychology course together as undergraduates and began a lifelong love affair and partnership. Norma loved Marshall. She will be missed.

The Graduate Humanities program, directed by **Eric Lassiter**, has a strong partnership with the Historic Glenwood Foundation in Charleston. Dr. Lassiter sits on the Glenwood Board, students work and study at the Glenwood Mansion, and the Foundation provides financial support for students and research projects.

The Digital Humanities minor, directed by **Stefan Schoeberlein**, assistant professor of English, supports the Movable Project. This project collects narratives of recovery and supports the recovery efforts of across the tri-state region.

Anara Tabyshalieva, associate professor of History, joined the Kennan Institute in Washington, DC, as an expert panelist on the recent protests in Kazakhstan. The institute focuses on Russia and Eurasia and is housed at the Woodrow Wilson International Center for Scholars. Her work with interdisciplinary scholars at the institute focused on turmoil in Kazakhstan and the role of Russia in the affairs of the country.

COLLEGE OF SCIENCE (DEAN: DR. CHARLES SOMERVILLE)

FACULTY & STAFF ACHIEVEMENTS

Dr. Aley El-Shazly published a manuscript titled *Gold–sulfide mineralization in the Sir Bakis mine area, Central Eastern Desert, Egypt*. His article was published on January 22nd in the International Journal of Earth Sciences (<https://doi.org/10.1007/s00531-021-02154-1>).

Elizabeth Niese is the research team leader for the Algebraic Combinatorics Research Community hosted by ICERM (an NSF-funded mathematics institute at Brown University) August 2021-May 2022. Dr. Niese’s research team has two papers in preparation and recently submitted a paper to an international conference.

Dr. Anna Mummert won the 2021 Distinguished Service Award from the Society for Mathematical Biology. The award recognizes exceptional service contributions to the field of mathematical biology and its advancement. As treasurer of the society from 2018 to 2020, Dr. Mummert was responsible for the society’s finances and served on the board of directors. The Society for Mathematical Biology is an international professional organization promoting research and education in the applications of mathematics to biology.

Dr. Laura Stapleton is co-author of the article titled “An Exploration of Conjecture Strategies Used by Instructional Design Students to Support Design Decision-Making”, accepted for publication in the Journal of Educational Technology Research and Development.

Stapleton, Laura L. "A Multi-Case Examination of Training of Self-Explanation when Combined with Worked Examples" (2021). Doctor of Philosophy (PhD), Dissertation, STEM Education & Professional Studies, Old Dominion University, DOI: 10.25777/wf4n-mf83.

Dr. JiYoon Jung’s article titled, “Enumeration of Fuss-Catalan paths by type and blocks”, has appeared in Honam Mathematical Journal. (vol. 43 (4), 641-653, 2021).

Dr. Michael Schroeder is co-author of the article titled “Primitive cycle decompositions of K_n and K_{n-1} ”, accepted for publication in Journal Combin. Des.

Dr. Michael Schroeder is a co-author of the article, “Completing partial transversals of Cayley tables of Abelian groups” that is published in 2021 in Electron. J. Combin. (<https://doi.org/10.37236/9386>)

STUDENT ACHIEVEMENTS

Keegan Abel was awarded \$3,612 from the WV Higher Education Policy Commission (HEPC) STaR Division to carry out a research program titled *Investigation of REE and Y distribution in fireclays associated with coal in WV*.

Geology major **Jack Pennington** was awarded a \$1,000 NASA Undergraduate Student Research Scholarship for his project titled *Loss Slake Index of Lower Pennsylvanian Mudrocks of the Low Appalachian Plateau in West Virginia*.

And **Paul Summers** received a \$750 Creative Discovery Scholar Award in support of the project titled *Orthoamphibole – Garnet – Chlorite Schists from the Little Pine Garnet Mine, North Carolina: Pressure and Temperature Conditions of Metamorphism, and their Tectonic Significance*.

Jordyn Bryson was one of five Marshall undergraduates who were awarded the Gilman Scholarship by the U.S. Department of State. Gilman Scholars receive up to \$5,000 to apply towards their study abroad or internship program costs with additional funding available for the study of a critical language overseas. Jordyn will use the award to participate in the prestigious Budapest Semester in Mathematics (<https://www.budapestsemesters.com/>) program in Hungary. More information about this program is available here <https://www.marshall.edu/wamnewsletter/2020/07/five-marshall-university-students-win-u-s-department-of-states-gilman-scholarship/>

PROGRAM HIGHLIGHTS

Mathematics Department will host the 4th International Conference on Statistical Distributions and Applications in October 13 – 15, 2022 (www.icosda22.org)

The Department of Biological Sciences (BSC), led by **Dr. Brian Antonsen**, is working on a major curriculum review and update that is expected to have a profound positive effect on one of the largest majors on campus. The department has also revised its curriculum to separate the lecture and laboratory components of all its courses. The separation of courses allows for more flexibility for students in setting course schedules, and it allows the department to be more efficient in offering courses for both BSC majors and students of other majors who require BSC content in their programs.

DIVISION OF AVIATION (ACTING HEAD: DR. CARL MUMMERT)

STUDENT ACHIEVEMENTS

Two flight school students are working to start a student chapter of Women in Aviation International. Two students have taken internships at the Yeager airport; we hope to grow this internship program over time to allow many students internship and co-op opportunities.

PROGRAM HIGHLIGHTS

With our new students for the spring semester, total enrollment in the *Bill Noe Flight School* is at 23 students. The flight school received its third Cirrus SR-20 plane, N107MU, in early January. We have submitted deposits for a twin-engine Piper Seminole, expected in Q2, and two more Cirrus SR-20s, due in Q2/Q3.

The Aviation Maintenance Technology program is continuing to prepare for an anticipated Fall 2022 start. Marshall received final approval from the HLC in mid-January. AMT is still in the process for FAA approval, which is expected no later than June. The AMT program is also joining the Aviation Technician Education Council.

The program has a school partnership agreement signed by Delta Airlines, MU, and MCTC. We also have recruiting agreements with Boeing and Embraer.

Renovations on the second hangar at Huntington Tri-State are underway. The exterior is closed and insulated, and interior work is beginning for completion in May. The program is waiting for delivery of another plane, a Cessna 335 twin-engine, expected the week of January 31.

COMMUNITY ENGAGEMENT

The Bill Noe Flight School is planning to contribute to the ribbon cutting on March 18 for the new general aviation customs facility at Yeager International Airport. Senator Capito has scheduled a visit to the flight school that day, adjacent to the ceremony.

Senator Capito visited the AMT facility on January 26, 2022. She was accompanied by **President Smith**. Several news organizations were present; stories ran in WV Metro News, WOWK, and the Herald-Dispatch.

LEWIS COLLEGE OF BUSINESS (INTERIM DEAN: DR. JEFFREY ARCHAMBAULT)

FACULTY & STAFF ACHIEVEMENTS

Dr. Mohammad Uddin, Assistant Professor of Finance, had a paper titled "Do intangibles matter for corporate policies? Evidence from organization capital and corporate payout choices" accepted in January 2022 for publication at Journal of Banking and Finance, one of the top journals in finance.

Drs. Kent Willis, Dennis Emmett, and Margie McInerney had a paper titled "Our Workforce and COVID-19: How Telecommuting Plays a Role" accepted for a special edition of SAM Advanced Management Journal.

STUDENT ACHIEVEMENTS

FMA student chapter program is the student organization for finance majors sponsored by Financial Management Association International, the largest professional association for finance professionals. FMA Marshall University Student Chapter and National Honor Society was chartered by FMA on December 3, 2021.

PROGRAM HIGHLIGHTS

The MBA program ranks among the best in the US News & World Report's Best Online Program.

Online Business Programs (MSA and HCA)	#118
Online MBA	#252-328

The School of Physical Therapy in the College of Health Professions, along with the Business Administration MBA program in the Lewis College of Business plans to offer a dual DPT/MBA degree for graduate professional students seeking the Doctor of Physical Therapy degree. This dual degree provides graduates with education, training, and experience to prepare them for health-care-related management/administration or business ownership as a private practitioner. There are no universities in the region currently offering the dual DPT/MBA degree and only a small number of universities do offer the degree.

COMMUNITY ENGAGEMENT

Beta Alpha Psi will begin offering tax assistance through the VITA program in February.

LIBRARIES & ONLINE LEARNING (DEAN: DR. MONICA BROOKS)

FACULTY & STAFF ACHIEVEMENTS

Prof. Lindsey Harper, Archivist and Records Management Librarian, received a John Marshall Summer Scholar Award for her project entitled, *Investigation of Factors Affecting Undergraduate Students' Usage of YouTube as a Supplementary Learning Tool: An Adoption of the Theory of Planned Behavior*. **Harper**, with Mallory Stanley (COLA and HON), also received the Undergraduate Creative Discovery and Research Award for the project titled: *An Archival Examination of the Owen Clinic Institute: Remembering a Rural Mental Health Facility in Huntington, West Virginia*.

Prof. Kelli Johnson, Head of Access Services and Library Outreach, was appointed to the editorial board for Critical Humanities, an open access peer-reviewed journal.

Prof. Sarah Mollette, Research & Instruction Librarian, was appointed to the Cabell County Public Library Board.

Mr. Christopher Sochor, Lead Instructional Designer, recently published, *Instructional Designers are Faculty Member's Best Friends* for *eLearning Industry* online, touting five important strategies to help faculty prepare to teach online. <https://elearningindustry.com/instructional-designers-are-faculty-members-best-friends>

Prof. Angela Strait, Budget and Collection Development Librarian, was appointed Regular Contributor for the online journal, *Against the Grain*, published by the Charleston Conference Hub – the primary source for collection development and materials management librarians in the United States. She is also a member of the West Virginia Library Association Board (WVLA) and is the incoming President of WVLA.

Prof. Lori Thompson, Head of Special Collections, was appointed to serve on the Cabell County Preservation Board and continues to serve on the WVLA Board as the Roundtable Chair.

Prof. Stephen Tipler, Digital and Web Services Librarian, served as a panel judge for the Virtual Business Leadership Symposium conducted by the Lewis College of Business BB&T Center for Leadership.

Robert Ellison (English Dept.) and Larry Sheret (Librarian) won the 2020/2021 DASA Team Award. They presented their work, *The Library of Appalachian Preaching: A Digital Repository of Sermons*, last August at TRACE Tuesday. This new library collection is an example of a library faculty/classroom faculty collaboration to publish a Digital Humanities project.

Dena Laton, Student Success Coordinator for Online Learning, graduated with her MS in Adult Education and Evaluation from MU's Graduate School in December. Ms. Laton also launched the spring 2022 online student newsletter, *Distance Education Connection*, to help inform students and provide support to the distance population. President Smith was the *Connection* guest columnist this term.

Skyler Schultz-Poore, Part-time Library Assistant in the Morrow Library, graduated with her MLIS from the University of Denver with an emphasis in Cataloging.

PROGRAM HIGHLIGHTS

Dr. Monica Brooks, Assoc. VP for Online Learning & Dean of Libraries, presented *Practical Approaches to Professional Licensure Compliance* for the national WCET/SAN Member Virtual Policy Series on December 8, and *Exploring Historic Huntington: A Layperson's Experience* to the university's Lifelong Learning program on January 11.

Prof. Larry Sheret, Scholarly Communications and OER Librarian, organized a presentation by **Dr. Victor Fet** entitled, *Unknown History Published: Natural Science and Conservation in Turkmenistan in Personalia*, that was presented via Teams with over 30 attendees from the MU community and around the globe.

Library faculty and staff are currently soliciting participants for a new Library Book Club. Reading lists are provided by the staff and teams will be eligible for prizes. The kick-off meeting will be held on February 2 and is open to everyone in the MU community.

The library provided various publication services and guidance (ISBN's, Creative Commons Licensing, copyright, and publication) for two MU faculty members who published eBooks in the last half of 2021. A new category for eBooks has been added to Marshall Digital Scholar (MDS) to host these and future eBooks published by Marshall University Libraries. These eBooks have had 1,400 downloads.

Design Thinking Portfolio by **Prof. Christine Ingersoll** is the first Open Textbook to be published by our faculty https://mds.marshall.edu/mu_books/2/.

The Badkhyz Archives, Vol. 1 and The Danov Archive, were both authored by **Prof. Victor Fet**. https://mds.marshall.edu/mu_books/1/, https://mds.marshall.edu/mu_books/3/

COMMUNITY ENGAGEMENT

The Creation in Confinement art exhibit began on January 10, 2022, in the Drinko Library featuring pandemic art, crafts, and poetry created during or resulting from periods of isolation from students, faculty, and members of the community. **Sabrina Thomas**, an instruction, and research librarian at Marshall University helped initiate this project and said, "The goal of this exhibition is to highlight the creative works that grew out of the resilience of our community during the uncertainty of the COVID-19 pandemic."

Dr. Sandra Reed, from the MU School of Art and Design, initiated an art exhibit at the South Charleston Campus Library called, *Conceptions of Flight*, which opened last week and will run through February. Dr. Reed secured funds through the American Rescue Plan and is supporting works from MU students and alumni whose imagination and talent depict various concepts relating to flight.

SCHOOL OF PHARMACY (INTERIM DEAN: DR. ERIC BLOUGH)

FACULTY & STAFF ACHIEVEMENTS

- Faculty in the SOP published the following: (note that SOP students are bolded in green font, faculty in black bold):
 - D'Souza M, Seeley SL, Emerson N, Rose-Malkamaki MJ, Ho SP, Tsai YC, Kuuu H, Huan CY, **Rorabaugh BR** (2022) Roles of regulator of G protein signaling 2 and 4 in nicotine-induced affective rewarding behaviors in male and female mice. *Pharmacology, Biochemistry, and Behavior* 213:173338.
 - **Chavva H**, Belcher AM, **Brazeau DA**, **Rorabaugh BR**. (2022) Prenatal exposure to methamphetamine cause vascular dysfunction in adult male offspring. *Frontiers in Cardiovascular Medicine* 9:830983.
 - The following commentary has been accepted for publication in *AJPE* and is in early release: Pursuing Excellence in Your Academic Journey, **Gayle A. Brazeau**, *American Journal of Pharmaceutical Education* January 2022, 9029.
 - Authors: Lin X, Gaudino SJ, Jang KK, Bahadur T, Singh A, Banerjee A, Beaupre M, Chu T, Wong HT, Kim CK, Kempen C, Axelrad J, Huang H, Khalid S, Shah V, Eskiocak O, Parks OB, Berisha A, **McAleer JP**, Good M, Hoshino M, Blumberg R, Bialkowska AB, Gaffen SL, Kolls JK, Yang VW, Beyaz S, Cadwell K and Kumar P. Title: IL-17RA signaling in Lgr5+ intestinal stem cells induces expression of transcription factor ATOH1 to promote secretory cell lineage commitment. *Journal: Immunity*, 2022, in press
 - **Lewis, A.D.; Riedel, T. M.; Kesler, M. B.A.; Varney, M. E.; Long, T. E.** "Pharmacological Evaluation of Disulfiram Analogs as Antimicrobial Agents and Their Application as Inhibitors of FosB Mediated Fosfomycin Resistance," *Journal of Antibiotics*, 2022. This article was selected to be highlighted on the cover of the journal.
 - **Kimble C**, Maxik K, and Coustasse A. Store, Handle, and Administer Vaccines Safely to Prevent Errors. *Pharmacy Times – Health System Edition*. January 2022: 11(1):20-21.
 - **Dr. Melinda Varney** had an article published in *Frontiers in Immunology*. "Prenatal cadmium exposure alters proliferation in mouse CD4+ T cells via LncRNA Snhg7" Jan 11, 2022
 - McGill MR, **Findley DL**, Mazur A, Yee E, Allard F, Powers A, **Blough ER**, Gorman G, **Hambuchen MD**. Radiation effects on methamphetamine pharmacokinetics and pharmacodynamics in rats. *European Journal of Drug Metabolism and Pharmacokinetics*. Accepted 2022
- Posters and Invited Presentations
 - **Rice, C.; Watson, K.; Long, T.** "Detecting for Effects of Copper Supplementation on Antimicrobial Activity of Disulfiram," Midyear Clinical Meeting, American Society of Health-System Pharmacists, December 9, 2021.
 - **Shanholtzer, C. N.; Carreon, H.; Rice, C.; Watson, K.; Long, T. E.** "Evaluation of the Addition of Divalent Metal Salts to Disulfiram and Its Primary Metabolite for the Treatment of Fluconazole-resistant Candida Infections," Midyear Clinical Meeting, American Society of Health-System Pharmacists, December 9, 2021.
 - **Dr. CK Babcock and Professor Lisa Nord** presented at the virtual WV Geriatrics Society (WVGS) Summit on January 20th. Their topic was Outpatient COVID Treatments, Prevention, and Adverse Events

- **Professor Lisa Nord** was selected at the President of the Board of Directors of the WV Geriatrics Society at the summit on January 20th.
- **Dr. Casey Fitzpatrick**, was recognized by *Pharmacy Times* through a nomination of the “Faces of Pharmacy” recognition program.

STUDENT ACHIEVEMENTS

Melba Vargas received a \$15,000 West Virginia Health Sciences Service Program Award for loan repayment.

PROGRAM HIGHLIGHTS

Dr. Eric Blough and Dr. Craig Kimble received funding from the West Virginia Higher Education Policy Commission - Health Sciences Service Program - Rural Health Grant. Grant Award # 2022-RHI-12. \$21,000 awarded to MUSOP. Will help award scholarships to MUSOP students to promote students pursuing career in rural healthcare.

Ms. Allison Green joined MUSOP as the new Director of Student and Alumni Engagement.

COMMUNITY ENGAGEMENT

- December 2021, in lieu of having a Christmas party, faculty in the Department of Pharmacy Practice, Administration, and Research (DPPAR) had a blanket making party and donated the blankets to Harmony House
- On December 3rd, **Professors CK Babcock and Lisa Nord** oversaw a COVID vaccination clinic at Huntington High, completing more than 330 immunizations.
- MUSOP students and faculty are actively involved with Cabell Huntington Health Department, administering the flu vaccine and COVID vaccinations