



MIDWESTERN UNIVERSITY
Tomorrow's Healthcare Team

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VITAL SIGNS

The news beat of Midwestern University

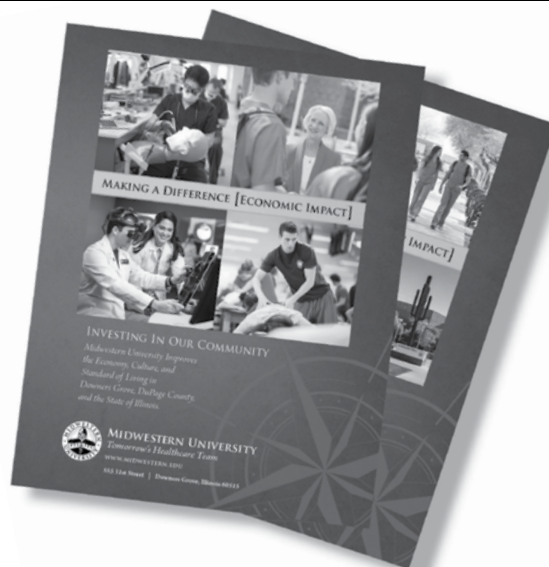
WINTER 2020

Midwestern University Makes Powerful Impact on Our Community

Midwestern University devotes all of our resources to educating our students to become part of the next generation of healthcare professionals. In addition to serving our students, the University is an important partner in the communities of Downers Grove, IL and Glendale, AZ, and the surrounding areas. Recently, the University commissioned a comprehensive, independent analysis by Applied Economics, a specialized economics consulting firm, to determine its current and ongoing economic impact in these communities.

The study revealed that Midwestern University has had a far-reaching effect on job creation, business development, personal income, tax revenues, and construction expenditures in the local economy. In Illinois, the University had an economic impact of over \$495.2 million on the DuPage County economy in the fiscal year 2019. In Arizona, Midwestern University had an economic impact of over \$696.9 million on the Maricopa County economy during the same time period. During the five years since the last report, Midwestern University had a 36% increase in economic impact in Illinois and a 65% increase in Arizona.

The independent economic impact report not only confirms that Midwestern University is a significant economic engine in our communities, it also verifies the vital contribution our students, faculty, and staff make each day to improve the lives of our neighbors and those in need.



The study also found the University's positive impact on the community extends well beyond the financial data. Multispecialty Clinics on both campuses offer affordable outpatient healthcare and comprehensive treatment options for the community, while providing an important educational experience for many of our students. Midwestern University's community clinics in both Illinois and Arizona each provided more than \$1.4 million worth of free healthcare during 2019.

Midwestern University faculty members also conduct numerous research projects to help expand our scientific knowledge about health and medicine. Perhaps the most significant contribution to the community is the thousands of service hours Midwestern University students and faculty members participate in each year.

New Lab Spaces Enhance Student Training



Students and faculty in the Arizona School of Podiatric Medicine try out their new lab.

A pair of new laboratory spaces is highlighting Midwestern University's commitment to providing students and faculty with cutting-edge resources for healthcare career education. The Arizona School of Podiatric Medicine and the Cardiovascular Perfusion Program at the College of Health Sciences each held open houses in September for the new lab spaces, which are designed to offer expanded training opportunities for students, faculty, and preceptors.

The new Podiatric Medicine Learning Center in Glendale Hall augments students' learning experiences through enhanced audio/visual technologies; a new Gait Analysis Lab with wireless Tekscan sensors to assist in biomechanical education;

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Kathleen H. Goeppinger, Ph.D.
*President and
Chief Executive Officer,
Midwestern University*

Dear Faculty, Staff, and Students:

This Winter 2020 edition of Vital Signs showcases the wonderful contributions of our faculty, students, and staff aimed at expanding our reputation for excellence in teaching, research, and service. I hope you enjoy reading about the many campus events from the past few months, administration updates, faculty and program news, and student activities.

This edition also contains information about the significant economic benefits that Midwestern University offers to our local communities. An independent economic impact report confirms the University is a significant economic engine, and verifies the vital contributions our students, faculty, and staff make each day to improve the lives of our neighbors. The University had an economic impact of over \$696.9 million on Arizona's Maricopa County economy during fiscal year 2019. In Illinois, Midwestern University had an economic impact of over \$495.2 million on the DuPage County economy during the same time period. More importantly, the University's positive impact on the community extends well beyond financial data. Our Clinics on both campuses offer affordable and comprehensive healthcare to the community while providing valuable educational experiences for our students. During 2019, Midwestern University's community clinics in both Illinois and Arizona each provided more than \$1.4 million worth of free healthcare.

Through all of this growth and development, the historical and sustaining philosophy of Midwestern University remains unchanged. We live our values when we reach out to serve others. Whether it is serving on a University Committee, or in the community by volunteering, service always has a positive and lasting impact. We are grateful for our faculty, students, and staff who selflessly use their time and talents to serve those in need.

My heartfelt thanks to each and every one of you for your dedication to Midwestern University's mission. You continue to make me very proud!

Dr. G.

A handwritten signature in black ink that reads "Kathleen H. Goeppinger, Ph.D." The signature is written in a cursive, flowing style.



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Instrumentation Lab to enable expanded instruction in surgical techniques; ultrasound capabilities; and the latest non-invasive vascular assessment tools.

In Ocotillo Hall, the new Cardiovascular Perfusion Lab expands the program's simulation training with four new simulated operating rooms that are equipped with the latest heart/lung machines; updated simulation software to improve one-on-one cardiopulmonary bypass surgery training; and a recording suite so that students and preceptors can review simulated surgeries after the fact.

Harry Hoerr, Jr., M.S., CCT demonstrates how to use the new high-tech equipment in the expanded Cardiovascular Perfusion Lab.

APPOINTMENTS, AWARDS, AND GRANTS

Mark Acierno, M.B.A., D.V.M., DACVIM (CVM), Chair, received the 2019 Zoetis Award for Veterinary Research Excellence from the American Veterinary Medical Association (AVMA).

Danielle Barnett-Trapp, D.O. (AZCOM), Clinical Assistant Professor, Family Medicine, was voted as one of the Top 10 New Osteopathic Physicians Across America by the American Osteopathic Foundation.

Laura Bonnici (CHS-Downers Grove PT 2021) was named College of Health Sciences-Downers Grove Outstanding Student Leader of the Year.

Derek Booth (AZCOM 2020) was named 2019 Student Association of Military and Osteopathic Physicians (SAMOPS) Western Region Senior Officer of the Year.

Seema Briyal, Ph.D. (CCP), Research Assistant Professor, Pharmaceutical Sciences, received a Chicago College of Pharmacy Pilot Research grant for the project "Defining the Role of ETB Receptors in Neural Regeneration and Inflammation in Transgenic Mouse Model of Alzheimer's Disease."

Kelly Champlin (AZCOM 2021) was awarded the Student Distinguished Service Award at the Arizona Osteopathic Medical Association (AOMA) Spring Convention.

Christine Conroy, PT, Ph.D., FNAP (CHS-Downers Grove), Associate Professor, Physical Therapy, received a Ph.D. in Interprofessional Healthcare Studies from Rosalind Franklin University.

Devin Deckert (CHS-Glendale PT 2022) received the Sport Clips Help A Hero Scholarship, a program administered by the Veterans of Foreign Wars of the United States (VFW) to assist military members and veterans with college, technical, and graduate school tuition.

Charles Finch, D.O. (AZCOM), Chair, Integrated Medicine, received the Excellence in Osteopathic Medical Education Award at the Arizona Osteopathic Medical Association (AOMA) Spring Convention.

Ann Impens, Ph.D., M.P.H. (MWU), Assistant Director, Institute for Healthcare Innovation, received an annual In-Kind Grant from Lily USA, LLC. The grant will provide the University access to an e-learning course titled, "Making Medicines: The Process of Drug Development."

Patrick Kiernan (AZCOM 2021) was named 2019 Student Association of Military and

Osteopathic Physicians (SAMOPS) National Junior Officer of the Year.

Mary Kracht (AZCOM 2020) received the 2019 Andrew Taylor Still Memorial Scholarship from the Student Osteopathic Medicine Association Foundation at their convention in Washington, D.C.

Laszlo Kerecsen, M.D. (CGS-Glendale), Professor, Pharmacology, was honored with the Golden Diploma, recognizing 50 years of work in the field of science and medicine, by the Semmelweis Medical School at the University of Debrecen in Budapest, Hungary.

Seth Kress, PT, D.P.T. (CHS-Downers Grove), Co-Director of Clinical Education and Instructor, Physical Therapy, received a transitional Doctor of Physical Therapy degree from Rosalind Franklin University.

Denise Kolanczyk, Pharm.D., BCPS (CCP), Assistant Professor, Pharmacy Practice and **Jeffrey Wiczorkiewicz, Pharm.D., BCPS (CCP)**, Assistant Professor, Pharmacy Practice, received a Scholarship of Teaching and Learning Grant from the Center for Teaching Excellence for the project "Assessment of Pharmacy Student Confidence and Knowledge in Acute Stroke Management Using Simulation-Based Learning." Dr. Kolanczyk was also named Director-Elect for the Division of Marketing Affairs, Illinois Council of Health-System Pharmacists.

Lisa Mahaffey Ph.D., OTR/L, FAOTA (CHS-Downers Grove) Associate Professor, Occupational Therapy, was elected to a three-year position on the Board of Directors for the American Occupational Therapy Association.

Sarah Matyjaszek, D.V.M., DACVS (CVM), Associate Professor, received the 2019 Zoetis Distinguished Veterinary Teacher Award from the American Veterinary Medical Association (AVMA).

Andrew Merker, Pharm.D., BCPS, BCIDP (CCP), Assistant Professor, Pharmacy Practice, received funding from HRSA, HIV/AIDS Bureau Office of Training and Capacity Development for the project, "Midwest Integration of the National HIV Curriculum."

Michelle Mifflin, D.O. (AZCOM), Assistant Professor, Family Medicine, received the Humanitarian Award at the Arizona Osteopathic Medical Association (AOMA) Spring Convention.

Kathleen Muldoon, Ph.D. (CGS-Glendale), Associate Professor, Anatomy, was named Chair of the Scientific Advisory

Committee for the National CMV Foundation.

Janey Prodoehl, PT, Ph.D., CCTT (CHS-Downers Grove), Assistant Program Director and Professor, Physical Therapy, became a Certified Cervical and Temporomandibular Therapist (CCTT). The certification comes from the Physical Therapy Board of Craniofacial & Cervical Therapeutics.

Carlton Richie III, D.O. (AZCOM), Clinical Associate Professor, received the Outstanding Mentor Award at the Arizona Osteopathic Medical Association (AOMA) Spring Convention.

N. Jim Rhodes, Pharm.D., M.S., BCPS (CCP), Assistant Professor, Pharmacy Practice received the Young Investigator 2019 award from the Society of Infectious Diseases Pharmacists.

Joseph Rodriguez, CRNA (CHS-Glendale DNAP 2021), was named CRNA of the Year by the Arizona Association of Nurse Anesthetists (AANA).

Marc Scheetz, Pharm.D., M.Sc., BCPS (CCP), Professor, Pharmacy Practice, received funding from Wayne State University for the project, "Evaluation of Lipid Nanoparticles of Potent Antibiotics for Reversal of Drug Resistance of Superbug Infections."

Shannon Scott, D.O., FACOPF (AZCOM), Assistant Dean and Medical Director, Midwestern University Multispecialty Clinic, received the Physician of the Year Award at the Arizona Osteopathic Medical Association (AOMA) Spring Convention.

Sydney Sherman (CCOM 2021) is the 2019 recipient of the American Osteopathic Foundation's Paul S. McCord, D.O., Memorial Scholarship. The scholarship was established by family and friends of the late Paul S. McCord, D.O., to honor his deep commitment to, and appreciation for, the osteopathic profession.

Kara Thomas, D.V.M. (CVM), Clinical Assistant Professor, was elected Vice President of the Arizona Veterinary Medical Association (AZVMA).

Tran Tran, Pharm.D., BCPS (CCP), Associate Professor, Pharmacy Practice, received a Scholarship of Teaching and Learning Grant from the Center for Teaching Excellence for the project "Pharmacy Student Focus Groups to Discuss the Opioid Crisis."

Kathryn Wdowiarz, Pharm.D., BCPS (CCP), Assistant Professor, Pharmacy Practice, received a distinguished poster award at the 2019 Neurocritical Care Society Annual Meeting in Vancouver, Canada.

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Christopher Wojcik (CCOM 2022), et al. received the Lederer-Pierce First Place Award from the Chicago Ontological Society for his research on rural-urban disparities in access to care in the context of otolaryngology across all counties in Illinois.

PRESENTATIONS, SPEECHES, AND COMMUNITY SERVICE

Sally Arif, Pharm.D., BCPS (CCP), Associate Professor, Pharmacy Practice presented “Student-Led Health Awareness Program for Arab-American Communities” at the Health Equity and Social Justice Conference in Chicago, IL.

Susan Cornell, Pharm.D. (CCP), Associate Director, Experiential Education, presented “Expanding Diabetes Care for Your Pharmacy: Five Things You Need to Know” at the Cardinal Health Annual Meeting in Nashville, TN; “Pharmacotherapy Bootcamp Workshop” at the American Association of Diabetes Educators (AADE) Annual Meeting in Houston, TX; “The Benefits and Cost-Effectiveness of SGLT-2 Inhibitors in Type 2 Diabetes Care” for the Managed Care Learning Network; “Exploring Non-Insulin Therapies in Type 1 Diabetes” at the Illinois Pharmacists Association Annual Conference in Springfield, IL. Dr. Cornell, et al. presented “Module 1: The Growing Diabetes Epidemic—Why We Need to Care About the Burden of Type 2 Diabetes” as part of the Novo Nordisk Masters Diabetes Series.

Thomas Dillon, PT, D.P.T., OCS (CHS-Downers Grove), Clinical Assistant Professor, Physical Therapy; **Teresa Elliott-Burke, PT, D.P.T., WCS (CHS-Downers Grove)**, Associate Professor, Physical Therapy; **Timothy Hanke, PT, Ph.D. (CHS-Downers Grove)**, Professor, Physical Therapy; **Susanne Higgins, D.H.S., OTR/L (CHS-Downers Grove)**, Assistant Professor, Occupational Therapy; **Kimberly Huntington-Alfano, D.O. (CCOM)**, Clinical Assistant Professor, Family Practice Clinic; **Lisa Knecht-Sabres, D.H.S., OTR/L (CHS-Downers Grove)**, Professor, Occupational Therapy; **Michelle Lee, Ph.D., ABPP (CHS-Downers Grove)**, Associate Program Director, Clinical Psychology Program; **Jennifer Mazan, Pharm.D. (CCP)**, Associate Professor, Pharmacy Practice; **Lisa Palmisano, Pharm.D., BCACP (CCP)**, Assistant Professor, Pharmacy Practice; et al. presented “Participant Feedback Following an Interdisciplinary Falls Prevention Screening for Older Adults” at the APTA NEXT Conference in Chicago, IL. Dr. Dillon, Dr. Elliott-Burke, **Allison Conger, PT,**

D.P.T. (CHS-Downers Grove PT 2019), **Morgan Lukert, PT, D.P.T. (CHS-Downers Grove PT 2019)**, and **Kenarr Matoesian, PT, D.P.T. (CHS-Downers Grove PT 2019)**, presented “The Effect of Sacroiliac Joint Dysfunction on Dynamic Balance: A Pilot Study” at both the APTA NEXT Conference in Chicago, IL and at the IPTA Revitalize Conference in St. Charles, IL.

Kathy Hall, PT, Ed.D. (CHS-Downers Grove), Professor, Physical Therapy, and **George Zakharia, PT, D.P.T. (CHS-Downers Grove PT 2019)**, presented “Exercise Strategies to Improve Head Position and Function in Persons with Forward Head Posture: A Rapid Evidence Assessment” at the IPTA Revitalize Conference in St. Charles, IL.

Janet Helminski, PT, Ph.D. (CHS-Downers Grove), Professor, Physical Therapy, and **Maggie Rehm, PT, D.P.T. (CHS-Downers Grove PT 2019)**, presented “Decreased Vitamin D – A Potential Risk Factor for benign Paroxysmal Positional Vertigo: A Systematic Review” at the IPTA Revitalize Conference in St. Charles, IL. Dr. Helminski and **Tyler Van Acker, PT, DPT (CHS-Downers Grove PT 2019)**, presented “Do We Need to Reconsider Postural Restrictions for BPPV Patients and Are We Asking the Right Questions” at the same conference. Dr. Helminski and **Melissa Suckow, O.D., FAO (CCO)**, Dean, Chicago College of Optometry, et al. presented “Risk Factors for Failed Treatment Following Vestibular Rehabilitation: A Case Report” at the APTA NEXT Conference in Chicago, IL.

Kent E. Irwin, PT, D.H.S., GCS (CHS-Downers Grove), Associate Professor, Physical Therapy and **Roy Horton, PT, D.P.T., OCS (CHS-Downers Grove PT 2017)**, presented “Providing Culturally Competent Acute Care Physical Therapy for a Complex Medical Patient of Amish Heritage” at the Amish and Plain Anabaptist Studies Association Annual Conference: Theory and Practice in Amish-Focused Work in Millersburg, OH. Dr. Irwin and **Mitchell Anderson, PT, D.P.T. (CHS-Downers Grove PT 2019)**, presented “Outpatient Physical Therapy for an Older Adult 23 Months Status Post Low Back Surgery” at the IPTA Revitalize Conference in St. Charles, IL.

Sarah Keller, PT, D.P.T., NCS (CHS-Downers Grove), Co-Director of Clinical Education and Assistant Professor, Physical Therapy, et al. presented the course “Got Ethics?” at the IPTA Revitalize Conference in St. Charles, IL.

David Jenkins, D.P.M., FACFAS, FAAPSM (AZPod/CHS-Glendale),

presented “Podiatric Conditions Seen in Persons with Intellectual Disability and the Role of Special Olympics Fit Feet Program” at the American Academy of Podiatric Sports Medicine (AAPSM) Stand Alone Conference in Cambridge, MA.

Milena McLaughlin, Pharm.D (CCP), Associate Professor, Pharmacy Practice, received a Shining Star Award at the 2019 Illinois Council of Health-System Pharmacists Annual Meeting in Oakbrook Terrace, IL.

Lisa Palmisano, Pharm.D. (CCP), Assistant Professor, Pharmacy Practice, and **Jennifer Mazan, Pharm.D. (CCP)**, Associate Professor, Pharmacy Practice, presented the poster “Pharmacists – Making a Potential Difference One Tooth at a Time in a Dental Medicine Clinic” at the 2019 American College of Clinical Pharmacy Annual Meeting in New York, NY.

Janey Prodoehl, PT, Ph.D. (CHS-Downers Grove), Professor and Assistant Program Director, Physical Therapy, and **Judith Hess, PT, D.H.S., OCS, Cert. DN (CHS-Downers Grove)**, Associate Professor, Physical Therapy, presented “Medical Screening Referral and Emergencies in the Outpatient Setting” at the IPTA Revitalize Conference in St. Charles, Illinois. Dr. Prodoehl and **Jennifer Rey, PT, D.P.T. (CHS-Downers Grove PT 2019)**, **Cassie Haltinner, PT, D.P.T. (CHS-Downers Grove PT 2019)**, and **Rebecca Tryba, PT, D.P.T. (CHS-Downers Grove PT 2019)** presented “The Effect of Body Position on Cervical Muscle Activation Patterns in Subjects without Neck Pain” at the APTA NEXT Conference in Chicago, IL.

Matthew Roe, O.D., FAO (AZCOPT), Assistant Professor, presented “Enhancing the Athlete’s Visual System: An Introduction to Sports Vision Performance” at the Neuro-Optometric Rehabilitation Association (NORA) national meeting in Scottsdale, AZ.

Shereen Salama (CCP 2020) was the first place winner of the Patient Counselling Competition at the 2019 Illinois Pharmacists Association Annual Meeting in Springfield, IL.

Christine Schumacher, Pharm.D., BCPS, BCACP (CCP), Associate Professor, Pharmacy Practice, presented “Improving Medication Management in Patients with Hypertension” at the Illinois Critical Access Hospital Network (ICAHN) Live Webinar. Dr. Schumacher, et al. presented “Characterization of Risk Factors for Genitourinary Infections with Sodium Glucose Cotransporter-2 Inhibitors (CORGI-SGLT2i)” at the 2019 American College of Clinical Pharmacy Annual Meeting in New York, NY.

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Rachel Thomas (CCP 2021) was selected as a PQA/CVS Scholar by Pharmacy Quality Alliance (PQA) for the project “Community Pharmacist Perceptions of Quality Related Events and Patient Safety.”

Timothy Todd, Pharm.D. (CCP), Professor, Pharmacy Practice, et al. presented “Pediatric Boot Camp—Setting Learners Up for Successful Rotations” and “Motivating the Unmotivated” at the 2019 Pediatric Pharmacy Advocacy Group (PPAG) Fall Meeting in Lexington, KY.

Kathryn Wdowiarz, Pharm.D., BCPS (CCP), Assistant Professor, Pharmacy Practice, et al. presented the poster “Andexanet Alfa Versus Four-Factor Prothrombin Complex Concentrate for the Reversal of Intracranial Hemorrhage Associated with Rivaroxaban and Apixaban: A Retrospective Comparative Study” at the Neurocritical Care Society (NCS) Annual Meeting in Vancouver, Canada; “Do Not Flush! Implementation of a Medication Take Back Program at a Community Health System,” at the Midwest Medication Safety Symposium in St. Louis, MO; and “Updates in Safe Medication Disposal: Save the Fish, Don’t Flush” at the Kappa Psi Mid-America Province Assembly in Downers Grove, IL. Dr. Wdowiarz et al. presented the poster “Implementation of a Medication Take Back Program in a Community Health System” at the 2019 American College of Clinical Pharmacy Annual Meeting in New York, NY.

Following are the various Chicago College of Pharmacy faculty presentations at the 2019 Illinois Council of Health-System Pharmacists (ICHSP) Annual Meeting in Oakbrook Terrace, IL:

- **Brian Cryder, Pharm.D., CACP, BCACP**, Associate Professor, Pharmacy Practice, et al. “Utilizing Clinical Practice Guidelines in the On-Demand Age.”
- **Jacob Gettig, Pharm.D., M.P.H., M.Ed.**, Associate Dean, **Jennifer Phillips, Pharm.D., BCPS**, Associate Professor, Pharmacy Practice, et al. “The Road to Residency: PGY1 Community Pharmacy Residencies.”
- **Brooke Griffin, Pharm.D.**, Vice Chair, Pharmacy Practice, “Networking: Who, What, Where, When, Why, and How.”
- **Klodiana Myftari, Pharm.D.**, Assistant Professor, Pharmacy Practice, “Let’s Get Digital: Implementation of Digital Medicine and Telehealth within a Population Healthcare Model.”
- **Christine Schumacher, Pharm.D., BCPS, BCACP**, Associate Professor, Pharmacy Practice, et al. “Clinical Pearls for Cardiovascular Disease in the Elderly.”

- **Jennifer Phillips, Pharm.D., BCPS**, Associate Professor, Pharmacy Practice, “Building Your Professional Network.”
- **Dr. Phillips and Milena McLaughlin, Pharm.D.**, Associate Professor, Pharmacy Practice, “Wellness Intervention Strategies for Healthcare and Educational Settings (WISHES).”
- **Julio A. Rebolledo, Pharm.D.**, Assistant Professor, Pharmacy Practice, “Old Vaccine Tales.”
- **Tran Tran, Pharm.D., BCPS**, Associate Professor, Pharmacy Practice, and **Andrew Merker, Pharm.D., BCPS, BCIDP** “Hospital-based Strategies to Tackle the Opioid Epidemic.”

Following are CCP faculty presentations at the 2019 American Colleges of Clinical Pharmacology (ACCP) Annual Meeting in Chicago, IL:

- **Gwendolyn Pais**, Postdoctoral Research Associate; **Annette Gilchrist, Ph.D.**, Associate Professor, Pharmaceutical Sciences; **N. Jim Rhodes, Pharm.D., M.S., BCPS**, Assistant Professor, Pharmacy Practice; **Marc Scheetz, Pharm.D., M.Sc., BCPS**, Professor, Pharmacy Practice; et al. presented the poster “An In-Vitro Toxicodynamic Model to Assess Renal Cell Viability when Dosed with Polymyxin B.”
- **Gwendolyn Pais, Dr. Gilchrist, Dr. Rhodes, Dr. Scheetz, Walter C. Prozialeck, Ph.D. (CGS-Downers Grove)**, Professor, Pharmacology, et al. presented the poster “Urinary Biomarker and Histopathological Evaluation of Vancomycin and Piperacillin-tazobactam Nephrotoxicity in Comparison with Vancomycin in a Rat Model and a Confirmatory Cellular Model.”
- **Dr. Scheetz** presented “Pediatric Therapeutic Drug Monitoring & Drug Development in the Age of Pharmacometrics.”

As part of the MWU Community Health Lecture Series, the following Glendale faculty have presented recently at the Glendale Library-Foothills Branch:

- **Danielle Thomas, Pharm.D. (CPG)**, Visiting Instructor and Geriatric Pharmacy Resident, “Over-the-Counter Medications: What to Avoid Over Age 65.”
- **Eugenia Roberts, D.D.S. (CDMA)**, Clinical Assistant Professor, and **Denise Mills, D.D.S. (CDMA)**, Clinical Associate Professor, “Medicines and Your Mouth.”
- **Pierce Kenworthy, O.D. (AZCOPT)**, Assistant Professor, “The Aging Eye: What Is Normal and What Is Not?”

- **Jim Rinehart, M.P.A.**, Assistant Director, Clinical Skills and Simulation Center, “Understanding Simulation in Education.”
- **Cara Copeland, D.M.D., M.S. (CDMA)**, Assistant Professor, and **Sheri Brownstein, D.M.D. (CDMA)**, Director of Preclinical Faculty and Associate Professor, “Demystifying Oral Healthcare Products and Trends.”
- **George Wolford, M.S., CCC-SLP (CHS-Glendale)**, Clinical Instructor, Speech-Language Pathology, and **Schea Fissel, Ph.D., CCC-SLP (CHS-Glendale)**, Assistant Professor, Speech-Language Pathology, “Autism Spectrum Disorder: Early Signs and Connecting to Resources.”
- **Brina Lopez, D.V.M. (CVM)**, Assistant Professor, “The Pet Pig: Basic Husbandry and Routine Care.”

STUDENT GROUPS AND UNIVERSITY AWARDS

The **AZCOM** chapter of the Association of Women Surgeons (AWS) was named Chapter of the Year for 2018-2019.

The **AZCOM** chapter of the Association of Military and Osteopathic Physicians (AMOPS) was named the 2019 Western Region Chapter of the Year.

The following Chicago College of Pharmacy students comprised the first place team at the Medisca Regional Compounding Competition at Chicago State University, Chicago, IL:

Zoe Gibson (CCP 2022)
Rachel Knight (CCP 2022)
Daniel Osai-Bonsu (CCP 2022)

The Glendale Campus was honored with the Hero Award by Vitalant for the University’s impact on Arizona’s blood supply. Thanks to the efforts of coordinators **Julie High Horse Gregg, Bonnie Wheeler**, and **Erin Hoffman**, and volunteers from campus clubs and student volunteers, the University held 12 blood drives and brought in nearly 300 donations.

Students from the **Physician Assistant Studies Program** (CHS-Downers Grove, Class of 2019) placed second at the Annual Illinois Academy of PAs Challenge Bowl and traveled to Denver for the National Medical Challenge Bowl at the AAPA Conference. PA students on the team included: **Elizabeth Hauer, Darby Jalbert, Derrick Jones, Melissa Crawford, Kellie Taylor, and Ashley Henning.** ■

Midwestern Makes Changes to Administrative Team

Midwestern University President and Chief Executive Officer Kathleen H. Goeppinger, Ph.D., is pleased to announce new changes within the administrative team.



Joshua C. Baker, O.D., M.S., has been promoted to Vice President and Chief Academic Officer for Optometry and Pharmacy Education after six years as an administrator in the Arizona College of Optometry (AZCOPT).



Mary W.L. Lee, Pharm.D., BCPS, FCCP, has been named Vice President, Special Assistant to the President. Dr. Lee will oversee the University's Centralized Office of Experiential Education (COEE) and handle special projects between both Midwestern campuses.



Alicia E. Feis, O.D., has been promoted to Dean of the Arizona College of Optometry after serving in assistant and associate deanships dealing with academic affairs at the Midwestern University Eye Institute.



Mitchell R. Emerson, Ph.D., Dean of the College of Pharmacy-Glendale (CPG), has assumed additional responsibilities as Dean of the Chicago College of Pharmacy (CCP).



Ross J. Kosinski, Ph.D., will expand his duties as Dean of Students to encompass both campuses.

Glendale Campus Library stores Priceless Collection

Through the combined efforts of the Glendale and Downers Grove campuses that spanned two years, a wealth of rare and priceless osteopathic books and journals is now catalogued and stored at Midwestern University.

The George Northrup, D.O., Collection, named for a former editor-in-chief of the Journal of the American Osteopathic Association (JAAO), contains a wealth of signed and limited edition books that are irreplaceable, including a complete set of the Journal of the American Osteopathic Association starting at Volume One published in 1901. Richard Dobrusin, D.O., FACOFP (AZCOM), Clinical Associate Professor, spearheaded the collaboration that brought the Northrup Collection to the Glendale Campus Historical Collection.

"Dr. Northrup was not only an excellent editor, but he was also an excellent librarian," says Dr. Dobrusin. "He ran the library and study space for Mesa General Hospital, and when he retired in 2004, the hospital approached me and said they were closing the library and that I could take what I wanted. I was amazed at the collection."

The Northrup Collection was stored for years near the AZCOM OMM lab under the care of William Devine, D.O., Clinical Professor. When Dr. Dobrusin came to work at Midwestern full time in 2017, he embarked on a collaboration with University librarians and archivist Daniel Groom to collect, catalog, and store the collection.

The Northrup Collection currently resides in the Glendale Campus Library Historical Collection, located in Sahuaro Hall.

Faculty News

CVM, IHI Collaborate on New Non-Opioid Pain Drug

Researchers from the College of Veterinary Medicine (CVM) and Midwestern University's Institute for Healthcare Innovation (IHI) are working together on a multi-site clinical trial to evaluate a non-opioid pain drug for dogs.

The drug, resiniferatoxin, is a TRPV1 agonist that targets nerves associated with chronic pain signaling and is administered via injection while the patient is under anesthesia. The resiniferatoxin trial is evaluating the drug's efficacy for canine patients with elbow osteoarthritis.

The study team includes IHI faculty Craig Woods, D.V.M., M.S., M.B.A., Director; Chad VanDenBerg, Pharm.D., M.S., BCPP, Associate Director; and Leigh Pennington, CVT, Clinical Research Coordinator. Kara Thomas, D.V.M., Clinical Assistant Professor; Omar Gonzalez-Cintrón, D.V.M., M.S., Clinical Assistant Professor; Desiree Hughes, Veterinary Technician; Angella Dethlefsen, Veterinary Technician; and Rachel Kinkade, CVT, Companion Animal Clinic Scheduling Coordinator, are participating on behalf of the College of Veterinary Medicine.

CCP Students Benefit from Four-Week United Arab Emirates Rotation

Since 2017, students from the Chicago College of Pharmacy (CCP) have traveled to the United Arab Emirates for a four-week international rotation in pharmacy practice. This unique rotation was developed by Sally Arif, Pharm.D., BCPS-AQ Cardiology, an Associate Professor in Pharmacy Practice at the College.

The rotation is designed to provide pharmacy students with a variety of healthcare experiences in the United Arab Emirates. In the program, students compare and contrast global pharmacy practice models to practices in the United States, and tour four different hospitals, two pharmacy schools, a cosmetic company, pharmaceutical company, community pharmacy, and a private company involved in regulatory affairs of drug development.

By the end of the rotation, students benefit from a wide range of experiences, including learning about advanced technology at the Cleveland Clinic in Abu Dhabi and visiting small community hospitals using paper charts in rural towns. Seeing new areas of pharmacy practice allows students to appreciate the scope of the profession and gain a greater understanding of the different opportunities available to them post-graduation.

International rotations also allow students to immerse themselves in a different culture and gain lifelong skills. “This rotation allowed me to grow not only as a professional but also as a person,” said Kellie Ayres (CCP 2019), a recent participant in the program.



(From left) Lina Suleiman (CCP 2019), Kellie Ayres (CCP 2019), Dr. Sally Arif, Iqra Ahmed (CCP 2019), and Svetozara Zehireva (CCP 2019) explore international pharmacy practices in the United Arab Emirates.

Campus Events

CDMA Students Volunteer to “Give Kids a Smile”

This fall, Northwestern University’s College of Dental Medicine-Arizona hosted Give Kids a Smile, part of the nationwide initiative to provide children with much-needed dental care at no cost to families.

Give Kids a Smile took place at the Northwestern University Dental Institute at the University’s Glendale Campus, with 180 CDMA students volunteering to provide care and education. Over 200 patients aged 6 to 14 received free screenings and treatments including cleanings, sealants, fillings, and extractions – more than 720 procedures representing nearly \$29,000 worth of free dental care. The students also provided families with important information on proper oral health maintenance and disease prevention.

The Northwestern University Give Kids a Smile program is presented by Northwestern University’s American Student Dental Association and is one of several CDMA initiatives providing free dental services and education to community members in need.



Russell York (CDMA 2020) and Kaitlin Stengel (CDMA 2023) provide free dental care for a local youth at Give Kids a Smile.

First-Year Students Receive Clinical White Coats

As part of a symbolic ceremony, more than 1,800 first-year Midwestern University students received their clinical white coats and took an oath affirming their commitment to the highest standards of compassion and patient care.

White Coat ceremonies were held on the Glendale Campus on September 28 and on the Downers Grove Campus on October 5. Students from the University's osteo-

pathic medicine, pharmacy, physician assistant studies, physical therapy, occupational therapy, clinical psychology, dental medicine, speech-language pathology, optometry, and veterinary medicine programs received their white coats before an audience of family and friends.

"We come together as an entire University for this White Coat celebration. It's the first day that we put a white coat on you and set the expectation that you are starting the journey of becoming a healthcare professional," said Kathleen H. Goepfinger, Ph.D., Midwestern University President and Chief Executive Officer, in her address to the students. "When we give you a white coat, it represents a commitment to learning the skills you need to care for other people."

Students who received their white coats also took an Oath of Commitment, reminding them to maintain the trust expected of a healthcare provider, to value the knowledge and wisdom of their colleagues, and to commit to lifelong learning. As they continue their rigorous academic programs, these students now join the many generations of alumni who also began their journey toward a successful healthcare career at Midwestern University.



Midwestern University students participate in a White Coat Ceremony on the Glendale Campus.

Littlejohn Society Welcomes New Members

Midwestern University President and Chief Executive Officer Kathleen H. Goepfinger, Ph.D., honored three new recipients of the Littlejohn Award at the University's annual recognition dinner held at the Renaissance Phoenix Glendale Hotel & Spa in Glendale.

This year's honorees are alumnus Travis Shelton, Pharm.D., BCPS, BCOP; faculty member Kaila M. Osmotherly, O.D., FAAO; and staff member Allen L. Gilley.

Dr. Shelton is a 2009 graduate from the College of Pharmacy-Glendale. He currently works at the Mayo Clinic Hospital in Phoenix as the Cancer Center Pharmacy Supervisor and Residency Program Director.

Dr. Osmotherly is the Associate Dean for Clinical Affairs at the Arizona College of Optometry. She has worked at Midwestern University since 2011 and was named to the Phoenix Business Journal's 2018 "Forty-Under-40" list of up-and-coming Arizona business and community leaders.

Mr. Gilley came to Midwestern University in 2007, originally working in General Maintenance before being named a Maintenance Technician in 2012. He works in all facets of facility and campus support and is consistently recognized as a friendly and helpful presence by the entire University community.

The Littlejohn Awards, which have been presented annually since 2000 by Dr. Goepfinger, are Midwestern University's highest honor. Littlejohn Award winners are selected from Midwestern faculty, staff, and alumni for their outstanding service to the community, healthcare professions, and the University.



2019 Littlejohn Award winners (from left) Allen Gilley, Dr. Kaila Osmotherly, and Dr. Travis Shelton.

Bright Lights, Shining Stars Gala Puts Spotlight on Service

Academic, healthcare, business, and community leaders joined together on the Glendale Campus at the annual Bright Lights, Shining Stars gala, which recognizes and honors community service and leadership.

This year, Kathleen H. Goeppinger, Ph.D., President and Chief Executive Officer of Northwestern University, presented the 2019 COMET (Community Outreach: Motivating Excellence for Tomorrow) Award to PetSmart Charities, and the 2019 Shooting Star Award to Reverend James Turner.

"PetSmart Charities and Father Jim have shown genuine commitment to our students' educational and personal well-being, and we truly value our wonderful relationships with them. On behalf of the entire Northwestern University family, I thank them for their generosity, as well as those who attended the Bright Lights, Shining Stars gala to support our educational mission," said Dr. Goeppinger.

Six Spirit of Service scholarships were awarded at the gala to students representing four Northwestern University colleges for the 2019-2020 academic year. Scholarship recipients include: Lauren Allison from the College of Veterinary Medicine (CVM); Kristen Drinkwater and Christy Tran from the College of Dental Medicine-Arizona (CDMA); Kauionalani Fukuda from the College of Health Sciences (CHS-Glendale) Clinical Psychology Program; Austin Githens from the College of Pharmacy-Glendale (CPG); and Ross Groeschl from the College of Health Sciences Arizona School of Podiatric Medicine (AZPod). The Spirit of Service scholarship program recognizes outstanding Northwestern University students based on community service, leadership abilities, academic standing, and financial need.

The annual event, which raises scholarship funds for students in all of Northwestern University's colleges, also featured a formal dinner, a live band, and a silent auction.



Kathleen H. Goeppinger, Ph.D., Northwestern University President and Chief Executive Officer (left), and Deborah Turcott, Acting President and Chief Operating Officer for 2019 COMET Award winner PetSmart Charities, at the Bright Lights, Shining Stars gala at the University's Glendale Campus.

CCOM Students Discuss the Future of Healthcare with U.S. Representative

**By: Paola Werner (CCOM 2022)
Vice-Speaker, Northwestern University Senate
President, Healthcare for All**

U.S. Representative Sean Casten of Illinois's 6th Congressional District visited the Downers Grove Campus to meet with students from the Chicago College of Osteopathic Medicine (CCOM) and discuss the future of healthcare. The event was hosted by CCOM's Student Osteopathic Medical Association (SOMA) chapter and the campus-wide organization Healthcare for All.

Representative Casten began the event by providing students with information about current legislation in Washington, D.C., related to healthcare. One notable piece of legislation he

discussed was the Lower Drug Costs Now Act of 2019 (H.R.3), which aims to help control the cost of prescription drugs. He also informed students of the passage of the Strengthening Health Care and Lowering Prescription Drug Costs Act (H.R. 987) by the House of Representatives.

Students also asked Representative Casten questions about several topics, including universal healthcare versus single-payer healthcare, women's reproductive rights, the impact of eating meat and the use of animal products on our carbon footprint, and more. The questions asked provided a great platform for discussion and we are extremely grateful to have had the opportunity to hear about these topics from the point of view of our local representative to Washington, D.C.

Law Enforcement Members Partner with MWU for Bone Identification Lab

Members of local law enforcement and search and rescue teams recently met with faculty and students from the Arizona School of Podiatric Medicine, the Glendale Campus Department of Anatomy, and the College of Veterinary Medicine for a lab workshop to help them differentiate human bones from animal bones.

Search and Rescue personnel from the Maricopa, Pinal, Coconino, Mohave, and Pima County Sheriff's Offices, officers and homicide detectives from the Glendale and Phoenix Police Departments, and Federal Bureau of Investigation evidence response team members gathered at the Glendale Campus to see bone samples, view poster presentations, and participate in faculty expert discussions to help them hone their identification skills. The participants were welcomed by Kathleen H. Goeppinger, Ph.D., President and CEO of Midwestern University.

Bone samples and photos from similar human and animal physiological structures were presented side-by-side for participants to identify, physically handle, and differentiate. Animal and human bone specimens were provided by the Department of Anatomy and the College of Veterinary Medicine, including new samples such as a bear foot and giraffe femur – both of which are extremely similar to their human analogues.



Law enforcement officials, MWU faculty, and student volunteers compare bone specimens during the bone identification lab.

"In many cases, it is difficult to differentiate human from animal bones, especially for searchers without a medical, veterinary, or biology background," says David Jenkins, D.P.M., FACFAS (AZPod/CHS-Glendale), Professor, one of the event organizers and a member of the Maricopa County Sheriff's Office K9 Posse.

Faculty organizers included Dr. Jenkins; Lance Wissman, D.P.M. (AZPod/CHS-Glendale), Associate Professor; Beth Townsend, Ph.D. (CGS-Glendale), Professor, Anatomy; Alexandra Brower, D.V.M., DACVP (CVM), Director, Pathology Lab; Emily Smith, D.V.M. (CVM), Assistant Professor; and Nancy Bradley-Siemens, D.V.M., MNM (CVM), Clinical Assistant Professor.

Mini-Medical School Aims to Educate Community

Community members were invited to learn more about current topics in healthcare at Midwestern University's Mini-Medical School. The Mini-Medical School is a four-week medical education program designed for people who want to learn more about topics taught in medical school or other professional healthcare programs at Midwestern University's Downers Grove Campus.

A Midwestern University faculty member or student group helped present each session. The first session featured OMM Scholars from the Chicago College of Osteopathic Medicine discussing the history of osteopathic medicine and providing a demonstration of the unique skills D.O.s can bring to diagnosis and treatment. Additional sessions covered topics such as forensic anthropology, pathology, and the role of the physician assistant.

AZCOM Students Inspire Local Youths During School Visits

Osteopathic medical students are often passionate about what inspired them to pursue a career in medicine. To pass that spirit along, AZCOM students recently spent time at North Phoenix's Ridgeline Academy speaking to eighth graders about osteopathic medicine, surgery, anatomy, and medical careers.

"It's vital to give back to the community and to pass the torch to the next generation," said Michael Galibov (AZCOM 2021). "The kids really impressed me. They came prepared with astute and pointed questions, scribbling notes the entire time."

"The students asked appropriate questions and showed in-depth thinking," agreed Jalicia Sturdivant (AZCOM 2020). "They were excited to learn about muscle energy and to practice osteopathic techniques."

The Ridgeline Academy visits are part of AZCOM's ongoing outreach to local schools and youth to spark interest in becoming future osteopathic physicians.

Ultrafest at AZCOM Brings Ultrasound Applications to Faculty and Students

Recently, the Arizona College of Osteopathic Medicine hosted Arizona Ultrafest 2019, a day-long gathering of medical faculty and students from different medical schools designed to illustrate cutting-edge advancements in ultrasound technology in healthcare applications.

Arizona Ultrafest 2019 included morning workshops, a keynote speaker, and a friendly ultrasound scanning competition between attendees – SONOWARS. Attendees were briefed about the ongoing integration of ultrasound techniques and technology into AZCOM's curriculum, as well as the expanding role that ultrasound plays in modern medicine.

Ultrasound technology is rapidly becoming a ubiquitous, and in some cases required, diagnostic and procedural tool in primary and specialty care, to the point that it is sometimes referred to as "the new stethoscope." AZCOM has developed new instructional resources integrating ultrasound into its curriculum, with the Class of 2021 being the first AZCOM cohort to have a full four-year ultrasound integration program. AZCOM has implemented ultrasound exercises and classes into preclinical courses, clinical rotations, and residency programs to better prepare students to employ this technology in the field.



Priya Sharma (AZCOM 2020) practices ultrasound scanning on Morgan Pinto (AZCOM 2021) while Noelle Provenzano (AZCOM 2020) explains the readings.

MWU-OPTI Holds First Chief Resident Training and Development Workshop



Chief Residents from Midwestern University-sponsored residency programs gathered at the Glendale Campus for a day of training and development.

Recently, the Midwestern University Osteopathic Training Institute (MWU-OPTI) hosted their first Chief Resident Training and Development Workshop.

Chief Residents from MWU-OPTI residency and fellowship training programs participated in the workshop. Participants completed a Myers-Briggs Type Indicator (MBTI) Assessment and reviewed commonly encountered workplace scenarios and real-world interactions. The workshop allowed the residents to discuss key leadership principles, communication styles, and

feedback techniques to determine the ideal approach to understanding and communicating results, which they could then employ at their respective hospitals and departments.

Tricia Krohmer, M.S., M.B.A., Director of the Costin Institute, facilitated the workshop. The program is one of several MWU-OPTI initiatives that help facilitate a quality clinical learning environment at hospitals and clinics hosting Midwestern University-sponsored residency programs.

Aspiring Healthcare Students Visit Midwestern Campuses for Summer Programs

High school and college students interested in healthcare careers have many options to learn more about them at Midwestern University, thanks to the efforts of University faculty, students, and staff.

- **Pre-Dental Summer Simulation Courses (College of Dental Medicine-Arizona)**, one- and two-day programs that include seminars on preparing for dental school, mock interviews, tours, and hands-on experience with oral healthcare techniques such as cavity preparation and crown design.
- **The eight-day Health Careers Institute for High School Students**, a free program co-sponsored by the BHHS Legacy Foundation that is open to 48 current Arizona high school juniors and seniors with a serious interest in science

- **The Pharmacademy (Chicago College of Pharmacy)**, an eight-day summer program for high school sophomores and juniors offering an engaging and comprehensive learning experience for high school students interested in a career in pharmacy
- **The Summer Eye Experience (SEE) in Downers Grove and the Pre-Optometry Program (POP) in Glendale (Chicago College of Optometry, Arizona College of Optometry)**, three-day immersive training events intended for college students or recent graduates that include seminars about optometry education and techniques, admissions counseling, and panel discussions with current students and faculty.



Students considering a career in optometry participate in the SEE at CCO program on the Downers Grove Campus.



High school students visit the Downers Grove Campus to learn more about the pharmacy profession.

Arizona high schoolers spend eight days on the Glendale Campus participating in hands-on demonstrations of healthcare tools, techniques, and careers.



CCOM Students Participate in Poverty Simulation, Community Service

First-year Chicago College of Osteopathic Medicine (CCOM) students participated in a poverty simulation in order to gain a greater understanding of the hardships many people face. Poverty creates barriers to many health services and can contribute to overall poor health for the more than 43 million Americans who live below the poverty line. The activity was organized by the Student Osteopathic Medical Association (SOMA) chapter on the Downers Grove Campus as part of the new student orientation week and was developed by the Missouri Association for Community Action.

"This simulation is important because as future physicians we will be encountering people who are living in poverty and experiencing similar situations. As physicians, we need to understand our patients so we can provide compassionate care," said Trisha Calma (CCOM 2022), one of the student organizers of the event.

During their orientation week, CCOM students also spent a day volunteering at local community organizations as a means to gain greater empathy and understanding about the community they will



First-year CCOM students performed a variety of community service projects during orientation week.

serve as future health professionals. Students selected from nearly 20 projects where they packed nutritious meals for hungry children around the world, organized medical supplies, cleared brush and performed general maintenance, and more.

Generosity Inspires CCP Student

By Sharifah Abdallah (CCP 2022)

Throughout my experience as a Midwestern University pharmacy student, I have found a home within the American Pharmacists Association-Academy of Student Pharmacists (APhA-ASP). From attending the monthly meetings to volunteering at Medication Therapy Management (MTM) clinics and performing community health screenings, the opportunities to serve the community through APhA-ASP have been plentiful. Last spring, I was fortunate enough to attend the APhA annual conference in Seattle, WA.

At the annual conference, I met with fellow students from pharmacy schools across the nation and we shared many of our experiences during the breakout sessions. I was also able to listen to the diverse perspectives of student pharmacists as well as seasoned, practicing pharmacists from around the country. I appreciated the beauty in the diversity of the stories and perspectives I heard, but there was one common thread

that tied all the attendees together: the passion to serve. The annual APhA conference overall reminded me that I am part of something much bigger than myself. It was very inspiring to be sitting in a hall among thousands of other pharmacists, both young and old, who are passionate about pharmacy and want to see our profession move forward.

I was fortunate enough to meet Eileen Hang, Pharm.D. (CCP 2017), a recent graduate of CCP and the individual who generously sponsored the conference registration for one first-year student, which I was lucky to receive. I was inspired by Dr. Hang's decision to pay it forward even as a recent graduate herself, and to think of how a single individual can make a difference. Dr. Hang also attended the annual APhA conference in Seattle as a student and that experience was a game-changer for her.

If I learned one thing at the conference, it is that our stories are powerful. We must learn to share them with courage because a single story can hold the needed fuel to

"I appreciated the beauty in the diversity of the stories and perspectives I heard, but there was one common thread that tied all the attendees together: the passion to serve."

bring forth necessary positive change. We have the ability to advocate for the changes that we wish to see in the pharmacy world and beyond. As was evident to me at the conference, pharmacy is quickly shifting towards more patient-centered care. There are so many ways in which we can serve our patients with compassion, give to underserved communities, and make a difference on many levels. The passion that was quite palpable at the conference helped me realize that, and I am eager to see where the future of pharmacy will take us.

Downers Grove SLP Students Build Community

The Speech-Language Pathology (SLP) Program and the Downers Grove Campus chapter of the National Student Speech-Language and Hearing Association (NSSLHA) participated in several events to help acclimate new students, provide assistance to children in need, and reach out to the community. Some of their activities included:

New Student Welcome

To help first-year students transition into graduate school and introduce them to the cohort, the Speech-Language Pathology department and NSSLHA hosted a welcome luncheon at the beginning of the fall term. The first- and second-year students had a chance to get to know each other, and the program faculty and staff, and learn more about the NSSLHA and upcoming activities.

Better Speech and Hearing Panel

The Speech-Language Program celebrated Better Speech and Hearing Month by hosting a community event to build awareness about the deaf and hard of hearing community. A group of panelists who are deaf or hard of hearing shared their experiences about living with hearing loss at the Multispecialty Clinic. NSSLHA members also provided information on various speech-language disorders to fellow students throughout the month.

Reading Rockstars Event

Student members of NSSLHA organized a “Reading Rockstar” event to encourage literacy and overall language development in children at the Marian Park Apartments in Wheaton, IL. As part of the event, the students provided literacy-based activities for different age levels. Some of these activities targeted book orientation, print awareness, phonological awareness, rhyming, word

recognition, following written directions, and creating stories. The Midwestern students also held a book drive and gathered more than 200 books for the children to take home.

Apraxia Walk for Children

The SLP Program and NSSLHA were proud sponsors and participants of Chicago’s annual Walk for Apraxia. Proceeds from the walk benefitted the Childhood Apraxia of Speech Association in its efforts to provide support to children with apraxia, their families, and friends. This year, the Midwestern University team raised more than \$1,000, achieving Champions Club status and receiving special recognition at the walk opening ceremony at Soldier Field in Chicago.

Stroke and Aphasia Awareness Night

More than 100 guests and supporters attended the annual Stroke and Aphasia Awareness Night hosted by the SLP NSSLHA program at the Speech-Language Institute. Several student volunteers from the Occupational Therapy, Physician Assistant, and Physical Therapy Programs joined SLP students and faculty at the event to share their knowledge and provide helpful tips for stroke survivors as well as their family members.



Speech-Language Pathology students participate in the annual Walk for Children with Apraxia.

Reading Rockstars event helps children improve their literacy skills.

ADA Visits Midwestern University to Discuss New Antibiotics Guideline

Midwestern University welcomed representatives from the American Dental Association (ADA) to the Downers Grove Campus for a discussion of the new ADA clinical practice guideline for antibiotic use. Students from the College of Dental Medicine-Illinois (CDMI) attended the live event that was simultaneously broadcasted on the ADA's Facebook page.

Erinne Kennedy, D.M.D., M.P.H., M.M.Sc., one of the co-authors of the new guideline, spoke with CDMI student Hannah Cho (Class of 2020) about the new recommendations and answered questions from the live audience and those watching on Facebook.

"When we talk about the use of antibiotics in dental practice, we have to remember that there are benefits and there are harms," said Dr. Kennedy. "It's our stewardship of those clinical decisions that helps us provide the best care for our patients. The new guideline equips dentists with the science and evidence they need, in addition to their clinical expertise, to partner with their patients in the decision-making process and practice evidence-based dentistry."

The ADA conducted extensive research about antibiotic use for dental pain and swelling and formulated five clinical recommendations and two good practice statements that are included in the guideline. More information about the clinical practice guideline can be found at ADA.org/antibiotics.



CDMI student Hannah Cho (left) speaks with Dr. Erinne Kennedy about the new ADA guideline for antibiotic use in dental practice.

Two CCOM Students Earn Prestigious Schweitzer Fellowship

Two Chicago College of Osteopathic Medicine students have been selected for the nationally-recognized Schweitzer Fellowship, a program for graduate students who aspire to become lifelong leaders in community service. Fatima Hooda (CCOM 2022) and Fariha Siddiquie (CCOM 2020) will participate in the year-long service learning program that empowers Fellows to design and implement projects that help address the health needs of underserved Chicago communities.

For her service project, Ms. Hooda will partner with Heartland Alliance, Marjorie Kovler Center, to build a curriculum and develop workshops aimed at improving the quality of lives of immigrant survivors of politically sanctioned torture. "I will have the fortunate privilege of serving survivors of intentional torture. This particular community faces many barriers in achieving optimal health, from dealing with psychological trauma to finding economic stability," Hooda said.

Ms. Siddiquie's project will initiate sexual health and literacy classes for at-risk Muslim women through the organization HEART Women and Girls, which promotes sexual health education and sexual violence prevention in Muslim communities through health education, advocacy, research, and training. The classes will address cultural and religious barriers for refugee, college age, and immigrant women. "In the Schweitzer Fellowship, I found a group of public health professionals who defined 'success' the same way as I always have—not to simply increase our own prominence and prestige, but to utilize these things to initiate real change in the world, especially for the underserved," Siddiquie shared.

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VITAL SIGNS

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http://www.midwestern.edu/Community_and_Media.html

PHOTO GALLERY: Glendale Campus



Arizona State Legislators visited the MWU Glendale Campus to learn about the University's graduate-level healthcare programs and medical clinics.



From left to right: Zachary Wright (AZCOM 2022), Aubrey Ingram (AZCOM 2022), Congresswoman Debbie Lesko, and Dr. Lori Kemper met in Washington, D.C. for COM Day on the Hill, where D.O. students and faculty discussed issues of importance to graduate medical education.



AZCOM Class of 2023 students visited the Musical Instrument Museum in Phoenix as an icebreaker to get to know each other and to practice observational and listening skills by interacting with the exhibits.

PHOTO GALLERY: Downers Grove Campus

Students from the Chicago College of Pharmacy's chapter of the American Pharmacists Association Academy of Student Pharmacists (APhA-ASP) worked with the Village of Downers Grove to develop a public statement recognizing the importance of the pharmacy profession. The Honorable Mayor Bob Barnett proclaimed the month of October as American Pharmacists Month in Downers Grove.



The Student Senate on the Downers Grove Campus held a Back 2 School Bash for returning and new students that included food, games, and a fun photo op.



Children and their families from local communities attended the annual Halloween Fest and Haunted House, which was coordinated by the CHS, CCP, CCOM, CDMI and CCO Councils, the Student Senate, and the Office of Student Services.