

FERRIS STATE UNIVERSITY

COLLEGE OF PHARMACY

Interoffice Memorandum
College of Pharmacy
Office of the Dean
Big Rapids, MI 49307
Phone: (231) 592-2254

TO: All College of Pharmacy and FSU Community Members and Alumni
FROM: Thomas Dowling, Assistant Dean, Professional Development and Research
DATE: October 21, 2022
RE: FY22 College of Pharmacy Scholarly Activity Report (July 1, 2021 - June 30, 2022)

1.0 NEW GRANTS AND CONTRACTS (Externally Funded)

PHARMACEUTICAL SCIENCES DEPARTMENT

Faculty	Sponsor and Award Details
Ding, Qian	ACCP Frontier's Award - Samford University Subcontract Project Title: <i>Optimizing Opioid Use Following Critical Illness</i> Total Award: \$8,528
Sohn, Minji	Michigan Department of Health and Human Services Project Title: <i>Collaboration to Harmonize Antimicrobial Registry Measures (CHARM)</i> Total Award: \$611,929

PHARMACY PRACTICE DEPARTMENT

Faculty	Sponsor and Award Details
Elder, Jodie Sexton, Scott	Michigan-Metro Health Integrated Network Project Title: <i>Comprehensive Medication Management</i> Total Award: \$40,000
Klepser, Michael	Michigan Department of Health and Human Services Project Title: <i>Medication Therapy Management Supplement</i> Total Award: \$49,136
Ottney, Anne	Tobacco Free Michigan Project Title: <i>Factors Associated with Traditional Tobacco Use in E-Cigarette First Users</i> Total Award: \$1,500

2.0 PUBLICATIONS (Journal Articles, Books and Book Chapters)

Amissah, Felix

Vilme, H., Duke, N. N., Dokurugu, Y., Akin-Odanye, E. O., Paul, C., Kaninjing, E., Lopez, I. A., Matsouaka, R., Brown Speights, J. S., De Leon, J., Sauls, D. L., Ndip, R. N., Amissah, F., Bosworth, H., Warren, C. L., Muiruri, C. (2022). A Social-Ecological Exploration of College and University Students' COVID-19 Infection Preventive Behaviors. *Journal of Prevention and Health Promotion*.

Ahlschwede, K. M., Amissah, F., Deshmukh, R. (2021). Evaluating the Effect of Cationic Peptide K16ApoE Against *Staphylococcus epidermidis* Biofilms. *Journal of Pharmaceutical Investigation or J of Drug Delivery and Sci tech*, 52, 139-149.

Kaninjing, E., Vilme, H., Duke, N. N., Dokurugu, Y., Akin-Odanye, E. O., Paul, C., Lopez, I. A., Matsouaka, R., Brown Speights, J. S., De Leon, J., Sauls, D. L., Ndip, R. N., Amissah, F., Bosworth, H., Warren, C. L., Muiruri, C. (2021). The Academic and Social Impact of COVID-19 Among College Students: Perspectives from the United States of America, Cameroon, Ghana, and Nigeria. *International Journal of Higher Education*, 11(3), 2022.

Amissah, F., Andey, T., Ahlschwede, K. M. (2021). Nanotechnology-based therapies for prevention of *Streptococcus mutans*-derived dental caries. *Journal of Oral Biosciences*.

Bailey, Teresa

Singhal, S., Billian, J., Kloosterman, C., Bailey, T. M., Soares, N. (2022). Low levels of clinician monitoring of second generation antipsychotic medications in 2 pediatric patients and factors associated with improved adherence. *Journal of Child and Adolescent Psychopharmacology*, 58(3), 541-546.

Soares, N., Mitchell, R., McGoff, T., Bailey, T. M., Wellman, G. S. (2022). Taste Perceptions of Common Pediatric Antibiotic Suspensions and Associated Prescribing Patterns in Medical Residents. *The journal of pediatric pharmacology and therapeutics : JPPT : the official journal of PPAG*, 27(4), 316-323.

Bernknopf, Allison

Kepczynski, C. M., Genigeski, J. A., Koski, R. R., Bernknopf, A. C., Konieczny, A. M., Klepser, M. E. (2021). A systematic review comparing at-home diagnostic tests for SARS-CoV-2: Key points for pharmacy practice, including regulatory information. *Journal of the American Pharmacists Association : JAPhA*, 61(6), 666-677.e2.

Rowan, J. A., Stanislav, T. A., Bernknopf, A. C., Russo, T. E. (2022). Agile Course Design: Modeling Flexibility, Empowering Engagement, and Prioritizing Community (pp. 1). *Pedagogicon Conference Proceedings 2022 (Feb)*.

Bright, David

Adams, A. J., Bright, D. R., Adams, J. (2022). Pharmacy technician-administered immunizations: A five-year review. *Journal of the American Pharmacists Association*, 62(2), 419-423.

Bright, D. R., Petry, N., Roath, E., Gibb, T. (2021). Engaging pharmacogenomics in opioid selection and optimization. *Pharmacogenomics*, 22(14), 569-577.

Muzzy Williamson, J., DiPietro Mager, N., Bright, D. R., Cole, J. (2021). Opioid use disorder: Calling pharmacists to action for better preconception and pregnancy care. *Research in Social and Administrative Pharmacy*.

VanLangen, K. M., Sahr, M., Salvati, L. A., Meny, L. M., Bright, D. R., Sohn, M. (2021). Viability of Virtual Skills-Based Assessments Focused on Communication. *American Journal of Pharmaceutical Education*, 85(7).

Ding, Qian

Ding, Q, Wan S, Dowling TC. (2022). Research and Scholarly Methods: Subgroup Analysis. *Journal of the American College of Clinical Pharmacy*, 5(5), 551-558.

Patel, H., Wertheimer, A., Ding, Q. (2021). Comparison of Drug Withdrawal Processes in the U.S. and Other Nations. *INNOVATIONS in pharmacy*, 12(3).

Dowling, Thomas

Smith, C. L., Dowling, T. C. (2022). Acute Kidney Injury: Prevention and Management. *Critical Care Pharmacotherapy (2nd Edition, 2022)* (2nd Ed. ed.). Lanexa, KS: ACCP.

Ding, Q, Wan S, Dowling TC. (2022). Research and Scholarly Methods: Subgroup Analysis. *Journal of the American College of Clinical Pharmacy*, 5(5), 551-558.

Dowling, T. C., Thomas, A., Gums, J. (2022). Survey of direct patient care and payment models among pharmacy practice faculty. *Journal of the American College of Clinical Pharmacy*, 5(5), 490-495.

Schultz, C. R., Swanson, M. A., Dowling, T. C., Bachmann, A. S. (2021). Probenecid increases renal retention and antitumor activity of DFMO in neuroblastoma. *Cancer Chemotherapy and Pharmacology*, 88(4), 607-617.

Girand, Heather

Girand, H. L., McNeil, J. C. (2022). Lock therapy for prevention and treatment of intravascular non-hemodialysis catheter-related infection. *UpToDate*. Waltham, MA: UpToDate. www.uptodate.com

Girand, H. L. (2022). Upper Respiratory Tract Infections. *Pharmacotherapy Principles and Practice* (Sixth Edition ed., pp. 1199-1215). New York, NY: McGraw-Hill Education.

Mersfelder, T. M., Sohn, M., Girand, H. L. (2021). Factors influencing the involvement of Doctor of Pharmacy students in research and scholarship projects. *Currents in Pharmacy Teaching and Learning*, 13(7), 796-803.

Giri, Namita

Yadav, V., Reang, J., Sharma, V., Majeed, J., Sharma, P. C., Sharma, K., Giri, N., Kumar, A., Tonk, R. K. (2022). Quinoline-derivatives as privileged scaffolds for medicinal and pharmaceutical chemists: A comprehensive review. *Chemical Biology & Drug Design*, 100(3), 389-418.

Klepser, Michael

Kepczynski, C. M., Genigeski, J. A., Koski, R. R., Bernknopf, A. C., Konieczny, A. M., Klepser, M. E. (2021). A systematic review comparing at-home diagnostic tests for SARS-CoV-2: Key points for pharmacy practice, including regulatory information. *Journal of the American Pharmacists Association : JAPhA*, 61(6), 666-677.e2.

Adams, A. J., Klepser, D. G., Klepser, M. E., Adams, J. L. (2021). Pharmacy-Based Point-of-Care Testing: How a "Standard of Care" Approach Can Facilitate Sustainability. *INNOVATIONS in Pharmacy*, 12(4).

Klepser, D. G., Klepser, N. S., Adams, J. L., Adams, A. J., Klepser, M. E. (2021). The impact of the COVID-19 pandemic on addressing common barriers to pharmacy-based point-of-care testing. *Expert Review of Molecular Diagnostics*, 21(8), 751-755.

Kepczynski, C. M., Genigeski, J. A., deRegnier, D., Jadhav, E., Sohn, M., Klepser, M. E. (2021). Performance of the BD Veritor system SARS-CoV-2 antigen test among asymptomatic collegiate athletes: A diagnostic accuracy study. *Exploratory Research in Clinical and Social Pharmacy*, 3.

Koski, Renee

Koski, R. R., Hill, L., taavola, K. (2022). Efficacy and Safety of Biologics for Chronic Rhinosinusitis with Nasal Polyps. *Journal of Pharmacy Technology*, 8.

Kepczynski, C. M., Genigeski, J. A., Koski, R. R., Bernknopf, A. C., Konieczny, A. M., Klepser, M. E. (2021). A systematic review comparing at-home diagnostic tests for SARS-CoV-2: Key points for pharmacy practice, including regulatory information. *Journal of the American Pharmacists Association : JAPhA*, 61(6), 666-677.e2.

Lamberts, Jennifer

Kennedy, D. R., Clapp, P., DeLuca, J. L., Filtz, T. M., Kroon, L., Lamberts, J., Oliphant, C. M., Prescott, W. A., Ray, S. D. (2022). Enhancing Pharmacy Faculty Well-Being and Productivity While Reducing Burnout. *American journal of pharmaceutical education*, 86(5), 8764.

Meny, Lisa

Moore, G., Bradley-Baker, L. R., Gandhi, N., Ginsburg, D. B., Hess, K., Kebodeaux, C., Lounsbery, J. L., Meny, L. M., Tanner, E. K., Lin, A. (2022). Pharmacists Are Not Mid-Level Providers. *American Journal of Pharmaceutical Education*, 86(3), 8556.

Moore, G., Burns, A. L., Fish, H., Gandhi, N., Ginsburg, D. B., Hess, K., Kebodeaux, C., Lounsbery, J. L., Meny, L. M., Policastri, A., Shimoda, M. G., Tanner, E. K., Bradley-Baker, L. R. (2021). The Report of the 2020-2021 Professional Affairs Standing Committee: Pharmacists' Unique Role and Integration in Healthcare Settings. *American Journal of Pharmaceutical Education*, 85(10), 8720.

Mersfelder, Tracey

Mersfelder, T. L., Sohn, M., Girand, H. L. (2021). Factors influencing the involvement of doctor of pharmacy students in research and scholarship projects. *Currents in Pharmacy Teaching and Learning*, 13(7).

Nybo, Eric

Nguyen, J. T., Brown, K. V., Riebschleger, K. K., Gorgijevska, N. M., Nybo, E. (2021). A BioBricks toolbox for metabolic engineering of the tetracenomycin pathway. *Biotechnology Journal*, 17(3), e2100371.

Ossai, J., Nybo, S. E., Khatabi, B., Kharel, M. K. (2021). Renewed interests in the discovery of bioactive actinomycetes metabolites driven by emerging technologies. *Journal of Applied Microbiology*, 131(1), 59-77.

Ottney, Anne

Aquino, L., Ottney, A. R., Odom, A., Phillips, J. (2022). Evaluation of a Residency Peer-to-Peer Intervention in Opioid Prescribing. *Family medicine*, 54(3), 221-225.

Ottney, A. R., Lebeau, L. (2021). A "secret shopper" survey of pharmacist prenatal vitamin recommendations. *Journal of the American Pharmacists Association*, 61(6), e60-64.

Ottney, A. R. (2021). *Thriving, Not Just Surviving: Introducing the Michigan Ambulatory Care Pharmacist Survival Guide* (10th ed., vol. 51). Lansing, MI: Michigan Society of Health-System Pharmacists.

Potter, Gregg

Potter, G. S. (2021). Covid-19 Vaccine Administration 101. *Michigan Pharmacist*, 59(3), 16-17.

Sahr, Michelle

Sahr, M., Blower, N., Johnston, R. (2022). Patient perceptions of acute infectious diseases POCT in community pharmacies. *Journal of the American Pharmacists Association*, 62(6), 1786-1791.

Sahr, M. (2021). Commentary: Pilot Study of Electronic Nicotine Delivery Systems (ENDS) Cessation Methods. *Journal of Addiction Research & Therapy* (6th ed., vol. 12).

Salvati, Lisa

Goldsworthy, J., Benzer, J., Salvati, L. A., Tomlin, C. R., Jenkins, T., Jameson, A., Dumkow, L. (2021). Impact of a pharmacist-led pneumococcal vaccination outreach program in a primary care setting. *Journal of the American College of Clinical Pharmacy*, 5(3), 302-309.

Smith, Curtis

Smith, C. L., Dowling, T. C. (2022). Acute Kidney Injury: Prevention and Management. *Critical Care Pharmacotherapy (2nd Edition, 2022)*, Lanexa, KS: ACCP.

Sohn, Minji

Kepczynski, C. M., Genigeski, J. A., deRegnier, D., Jadhav, E., Sohn, M., Klepser, M. E. (2021). Performance of the BD Veritor system SARS-CoV-2 antigen test among asymptomatic collegiate athletes: A diagnostic accuracy study. *Exploratory Research in Clinical and Social Pharmacy*, 3.

Straley, Craig (Emeritus)

Rumph, D. M., Straley, C., Kolberg, J. L., Jacob, D. A. (2022). Impact of proton pump inhibitors on sustained virologic response in veterans treated with sofosbuvir/velpatasvir for chronic hepatitis C virus: A retrospective cohort study. *Pharmacotherapy*, 42(5), 397-404.

Straley, C., Sochacki, M., Reed, E., Carr, C. N., Baugh, T. B. (2022). Comparison of the effect of citalopram, bupropion, sertraline, and tricyclic antidepressants on QTc: A cross-sectional study. *Journal of affective disorders*, 296, 476-484.

Petersen, M., Koller, K., Straley, C., Reed, E. (2021). Effect of cannabis use on PTSD treatment outcomes in veterans. *The mental health clinician*, 11(4), 238-242.

Wellman, Gregory

Soares, N., Mitchell, R., McGoff, T., Bailey, T. M., Wellman, G. S. (2022). Taste Perceptions of Common Pediatric Antibiotic Suspensions and Associated Prescribing Patterns in Medical Residents. *The journal of pediatric pharmacology and therapeutics : JPPT : the official journal of PPAG*, 27(4), 316-323.

VanLangen, Kali

Anksorus, H. N., Bradley, C. L., VanLangen, K. M., Renfro, C. P., Mingura, M. L., Sourial, M. (2021). The catalyst for change in teaching and assessing virtual laboratory skills. *Currents in pharmacy teaching & learning*, 13(12), 1550-1554.

Worden, L., Dumkow, L., VanLangen, K. M., Beuschel, T., Jameson, A. (2021). Antipseudomonal vs narrow-spectrum agents for the treatment of community-onset intra-abdominal infections. *Open Forum Infectious Diseases*.

3.0 PRESENTATIONS

Amissah, Felix

Amissah, F., Research and Practice Round Table, "Suppressing Lung Cancer Cell Motility Through Disruption of Rho GTPase Signaling Using COX Inhibitors and Polyunsaturated Fatty Acids," College of Pharmacy - Ferris State University, College of Pharmacy - Virtual presentation. (July 1, 2021).

Bailey, Teresa

Bailey, T. M., 38th Annual Developmental Disabilities Conference, "CBD Oil: One Drop At A Time," MDHHS, the Michigan Chapter of AAIDD, and WMU Homer Stryker M.D. School of Medicine, Virtual. (April 19, 2022).

Bailey, T. M., Lambda Kappa Sigma Alpha Iota Collegiate Hygeia Day, "Addressing Women's Health Disparities," Lambda Kappa Sigma Alpha Iota, Grand Rapids and virtual. (March 16, 2022).

Bouthillier, Michael

Bouthillier, M., Schmidt, K., Meny, L. M., Research Day 2022, "Warm Handoff" of Students Between Clinical Experiential Education Blocks," Spectrum Health Office of Research and Education, Grand Rapids, Michigan. (April 13, 2022).

Bright, David

Pelaccio, K., Bright, D. R., Dillaway, H., O'Connell, M. B., American Pharmacists Association Annual Meeting, "COVID-19 effects on birth control use, adherence, and access including pharmacist prescribing services.," American Pharmacists Association, Texas. (March 2022).

Coveyou, Jill

Coveyou, J. A., 2022 Prevent-Treat-Recovery Summit, "Between a Rock and a Hard Place: Treating Pain in Patient's with Substance Use Disorder," Thumb Opioid Response Consortium, Tuscola Technical Center Caro, MI. (May 18, 2022).

Coveyou, J. A., Substance Use Disorder Project ECHO, "Project ECHO: Pharmacologic and Non-Pharmacologic Approaches to Chronic Pain Management in Patients with Substance Use Disorder," Saginaw Valley State University, Zoom. (May 18, 2022).

Coveyou, J. A., 2022 Prevent-Treat-Recovery Summit, "An Ounce of Prevention: Responsible Prescribing to Prevent Substance Use Disorder," Thumb Opioid Response Consortium, Tuscola Technical Center, Caro, MI. (May 5, 2022).

Coveyou, J. A., Substance Use Disorder Project ECHO, "Project ECHO: The ABC's of UDS," Saginaw Valley State University, Zoom. (April 6, 2022).

Coveyou, J. A., Michigan Pharmacists Association 2022 Annual Conference and Exposition, "The ABC's of UDS: Interpretation and Application of Urine Drug

Screening," Michigan Pharmacists Association, Detroit Marriott at the Renaissance Center. (February 27, 2022).

Covyeou, J. A., Substance Use Disorder Project ECHO, "Project ECHO: Risk Reduction: Overdose Prevention and Management of Prescribed Opioids," Saginaw Valley State University, Zoom. (November 17, 2021).

Covyeou, J. A., Substance Use Disorder Project ECHO, "Project ECHO: Pain Management in the Substance Use Disorder Patient (Part 1)," Saginaw Valley State University, Zoom. (July 7, 2021).

De Voest, Peg

de Voest, M., Schmidt, K., PEDALS, "Giving/Providing Feedback," FSU. (March 17, 2022).

Vo, de Voest, M., Ice, C., Parker, J., Furlich, N., ASHP Mid year meeting, "Impact of Dexmedetomidine Versus Propofol Sedation on Development of Delirium in Critically Ill Adults." (December 8, 2021).

de Voest, M., Harrington, S., Baker, S., MIPERC, "Interprofessional Safe Transition of Care: pilot simulation," Virtual. (September 23, 2021).

Booth, A., de Voest, M., Ayers, D., MIPERC, "The Development, Implementation and Evaluation of a Virtual Interprofessional Simulation Escape Room," virtual. (September 23, 2021).

Devuyst-Miller, Susan

Devuyst-Miller, S. A., MSU Pain Management Symposium, "Opioid and Controlled Substance Awareness Training," MSU, Lansing, Michigan. (March 2022).

Dowling, Thomas

Dowling, T. C., ACCP Journals Podcast (Spotify), "Payment Models for Direct Patient Care among Pharmacy Practice Departments," Journal of the American College of Clinical Pharmacy, Spotify. (May 24, 2022).

Dowling, T. C., Shultz, C., Swanson, M., Bachmann, A., 2021 Translational Oncology Research, "Probenecid Increases Renal Retention and Antitumor Activity of DFMO in Neuroblastoma," Michigan State University, East Lansing, MI. (November 11, 2021).

Dowling, T. C., ACC Talks, "Medical Research and Pharmacokinetics," Alpena Community College, Oscoda, MI. (September 30, 2021).

Dowling, T. C., 2021 AACP Annual Meeting, "Payment for Direct Patient Care - Are We (Still) Giving Away Services for Free?," AACP, Virtual. (July 22, 2021).

Elder, Jodie

Elder, J. L., "Rosacea: Buren, the Role of Ceramides and the Microbiome in Treatment, and the Role of the Pharmacist," Pharmacy Times CE Presentation. (January 31, 2022).

Klepser, Michael

Sahr, M., Moroney, J., Klepser, M., Annual Convention & Exposition, "An Interdisciplinary Approach to Rethinking Community Pharmacy," Michigan Pharmacists Association, Detroit, MI. (February 25, 2022).

Dubbert, C., Dixon, G., Sohn, M., Vanloo, D. A., Pontefract, B., Klepser, M. E., 2021 ACCP Annual Meeting, "Collaboration to Harmonize Antimicrobial Registry Measures (CHARM) Dashboard: A standardized tool for multi-region benchmarking of outpatient antibiotic use," American College of Clinical Pharmacy, Virtual. (October 16, 2021).

Koski, Renee

Koski, R. R., UPMPA Annual Meeting, "COVID-19 Guidelines and Pharmacotherapy," UPMPA, Virtual. (September 25, 2021).

Meny, Lisa

Bouthillier, M., Schmidt, K., Meny, L. M., Research Day 2022, "'Warm Handoff" of Students Between Clinical Experiential Education Blocks," Spectrum Health Office of Research and Education, Grand Rapids, Michigan. (April 13, 2022).

Meny, L. M., Wellman, G. S., American Pharmacists Association Annual Meeting, "COVID-19 Vaccination as a Predictor of Influenza Vaccination Status," American Pharmacists Association, San Antonio, Texas. (March 2022).

Sahr, M., Schmidt, K., VanLangen, K. M., Meny, L. M., Pharmacy Education Annual Meeting, "Survey Says....Mixed Feelings about Transition to Virtual Learning," American Association of Colleges of Pharmacy, virtual. (July 2021).

Meny, L. M., American Association of Colleges of Pharmacy Annual Meeting, "Burnout to Breakdown to Breakthrough," American Association of Colleges of Pharmacy, Virtual. (July 20, 2021).

Mersfelder, Tracey

Mersfelder, T. L., The 11th Annual Western Michigan Medical Humanities Conference, "Student Pharmacists' Impression of Three Pandemics," Western Michigan University, Virtual. (September 24, 2021).

Nybo, Eric

Nguyen, J. T., Riebschleger, K. R., Brown, K. V., Nybo, E., West Michigan Regional Undergraduate Science Research Conference (WMRUGS), "BIOPOLYMER-

ARO/CYC: BioBricks® Polyketide metabolic engineering of aromatases and cyclases," Van Andel Institute, Grand Rapids, MI. (November 12, 2021).

Hunt, S., Nguyen, J., Hecht, J., Schwartz, N., Nybo, E., West Michigan Regional Undergraduate Science Research Conference (WMRUGS), "BIOPOLYMER: BIOBricks® POLYketide Metabolic EngineeRing of minimal polyketide synthases," Van Andel Institute, Grand Rapids, MI. (November 12, 2021).

Hecht, J., Nguyen, J., Schwartz, N., Brown, K. V., Nybo, E., West Michigan Regional Undergraduate Science Research Conference (WMRUGS), "Engineering of diverse post-PKS enzymatic steps in anthracyclinone biosynthesis," Van Andel Institute, Grand Rapids, MI. (November 12, 2021).

Schwartz, N., Hecht, J., Nguyen, J., Nybo, E., West Michigan Regional Undergraduate Science Research Conference (WMRUGS), "Engineering of late-stage polyketide biosynthesis steps in the nogalonic acid pathway," Van Andel Institute, Grand Rapids, MI. (November 12, 2021).

Brown, K. V., Nguyen, J. T., Gorgijevska, N., Nybo, E., West Michigan Regional Undergraduate Science Research Conference (WMRUGS), "Metabolic engineering of new D-fucosyl and D-rhodinosyl tetracenomycins," Van Andel Institute, Grand Rapids, MI. (November 12, 2021).

Nybo, E., Department of Pharmaceutical Sciences Seminar, "Combinatorial biosynthesis of new tetracenomycins," University of Maryland Eastern Shores, Online. (November 11, 2021).

Nybo, E., Nguyen, J., Riebschleger, K., Brown, K. V., Fall 2021: Resilience of Chemistry - American Chemical Society National Meeting, "Biopolymer: Biobricks polyketide metabolic engineering of minimal polyketide synthases in Streptomyces coelicolor," American Chemical Society, Atlanta, GA. (August 24, 2021).

Nguyen, J. T., Riebschleger, K. R., Brown, K. V., Nybo, E., Fall 2021: Resilience of Chemistry - American Chemical Society National Meeting, "BIOPOLYMER-ARO/CYC: BioBricks® Polyketide metabolic engineering of aromatases and cyclases," The American Chemical Society, Atlanta, GA. (August 22, 2021).

Brown, K. V., Nguyen, J. T., Gorgijevska, N., Nybo, E., Fall 2021: Resilience of Chemistry - American Chemical Society National Meeting, "Metabolic engineering of new D-fucosyl and D-rhodinosyl tetracenomycins," The American Chemical Society, Atlanta, GA. (August 22, 2021).

Ottney, Anne

Ottney, A. R., Capital Area Pharmacists Association Meeting, "Winning Combinations: The Role of Polypharmacy in Psychopharmacology," Capital Area Pharmacists Association. (March 21, 2022).

Pontefract, Benjamin

Pontefract, B., NW Kaiser Permanente Hospital Grand Rounds, "IDSA 2021 C. difficile Infection Guideline Update," Portland. (June 9, 2022).

Pontefract, B., 69th Annual Spring Seminar, "Outpatient COVID-19 Treatment Update (Summer 2022)," Ferris State University, Big Rapids. (May 23, 2022).

Pontefract, B., 53rd Annual Spring Seminar 2022, "IDSA 2021 C. difficile Infection Guideline Update," Western Michigan Society of Health Systems Pharmacists, Grand Rapids. (May 10, 2022).

Pontefract, B., Torney, N., Great Lakes Infectious Diseases Conference 2022, "Top 5 Infectious Diseases Topics in 2021," Ferris State University, Grand Rapids. (March 19, 2022).

Dubbert, C., Dixon, G., Sohn, M., Vanloo, D. A., Pontefract, B., Klepser, M. E., 2021 ACCP Annual Meeting, "Collaboration to Harmonize Antimicrobial Registry Measures (CHARM) Dashboard: A standardized tool for multi-region benchmarking of outpatient antibiotic use," American College of Clinical Pharmacy, Virtual. (October 16, 2021).

Saadeh, Claire

Saadeh, C. E., Snowaert, S., Hill, M., PGx ECHO, "Pharmacogenomics case presentation (capecitabine)," University of Minnesota. (March 18, 2022).

Saadeh, C. E., MPA Annual Convention & Exposition, "It's a Team Sport: Palliative Care & the Role of the Pharmacist," Michigan Pharmacists Association, Detroit, MI. (February 26, 2022).

Saadeh, C. E., 11th Annual Palliative & Supportive Care Conference, "Topical Analgesics." (September 24, 2021).

Sahr, Michelle

Sahr, M., Moroney, J., 69th Annual Spring Seminar, "Reimagining Community Pharmacy Practice," Ferris State University College of Pharmacy, University Center, Big Rapids, MI. (May 24, 2022).

Sahr, M., Moroney, J., Klepser, M., Annual Convention & Exposition, "An Interdisciplinary Approach to Rethinking Community Pharmacy," Michigan Pharmacists Association, Detroit, MI. (February 25, 2022).

Sahr, M., Midyear Clinical Meeting and Exhibition, "Pharmacy-based point-of-care testing: Evaluating patient experiences to expand access to care," American Society of Health-System Pharmacists, Virtual. (December 2021).

Sahr, M., Schmidt, K., VanLangen, K. M., Meny, L. M., Pharmacy Education Annual Meeting, "Survey Says....Mixed Feelings about Transition to Virtual Learning," American Association of Colleges of Pharmacy, virtual. (July 2021).

Hoang, H., Sahr, M., Kiles, T., Moody, A., Knockel, L., Pharmacy Education Annual Meeting, "Recruiting & Supporting Students in Community Pharmacy Research During the COVID-19 Pandemic," American Association of Colleges of Pharmacy, Virtual. (July 21, 2021).

Salvati, Lisa

Hinkley, S., Salvati, L. A., Thompson, C., Owens, S., Young, M., Midwest Interprofessional Practice, Education, and Research Center Annual Meeting, "Use of an Interprofessional Poverty Panel to Teach Empathy and Resource Availability in Rural Michigan to Students in the Health Professions," Midwest Interprofessional Practice, Education, and Research Center, Virtual. (September 23, 2021).

Schmidt, Kyle

Schmidt, K., Owens, R., Covington, E., Cline, K., AACP Webinar, "Help! I'm in a Slump: Reinvigorating Your Career," Pharmacy Practice Section, Virtual. (June 10, 2022).

Schmidt, K., 68th Annual Spring Seminar, "The Pillars of Heart Failure Management," Ferris State University College of Pharmacy, Big Rapids, Michigan. (May 24, 2022).

Webster, R., Belfer, J., Schmidt, K. J., Great Lakes Pharmacy Resident Conference, "Evaluation of basal-bolus versus sliding scale insulin therapy on glucose variability in nondiabetic patients in the intensive care unit," West Lafayette, Indiana. (April 28, 2022).

Bouthillier, M., Schmidt, K., Meny, L. M., Research Day 2022, "'Warm Handoff' of Students Between Clinical Experiential Education Blocks," Spectrum Health Office of Research and Education, Grand Rapids, Michigan. (April 13, 2022).

de Voest, M., Schmidt, K., PEDALS, "Giving/Providing Feedback," FSU. (March 17, 2022).

Schmidt, K. J., Monthly CE Meeting, "Antithrombotic Reversal," Trinity Health Grand Rapids, Grand Rapids, Michigan. (February 15, 2022).

Elajouz, B., Sturm, A., Schmidt, K., Midyear Annual Meeting, "Evaluation of the Inpatient Management of Alcohol Withdrawal," American Society of Health-System Pharmacists. (December 2021).

Rowan, J., Schmidt, K., PEDALS, "Engaging Your Audience," Ferris State University College of Pharmacy, Virtual. (November 12, 2021).

Salinitri, F., Schmidt, K., MSHP Annual Meeting, "Precepting in Challenging Times," Michigan Society of Health-System Pharmacists, Virtual. (October 29, 2021).

Schmidt, K., Junior Faculty Fellowship Program, "A course-based approach to professional identity formation," Ferris State University, Big Rapids, Michigan. (August 18, 2021).

Sahr, M., Schmidt, K., VanLangen, K. M., Meny, L. M., Pharmacy Education Annual Meeting, "Survey Says....Mixed Feelings about Transition to Virtual Learning," American Association of Colleges of Pharmacy, virtual. (July 2021).

Schmidt, K., Research Lecture Series, "Clinical Trial Design and Interpretation," Trinity Health Grand Rapids, Grand Rapids, Michigan. (July 14, 2021).

Schmidt, K., Research Lecture Series, "Biostatistics Refresher," Trinity Health Grand Rapids, Grand Rapids, Michigan. (July 13, 2021).

Schmidt, K. J., Annual Preceptor Conference, "Promoting Professional Identity Formation," Ferris State University College of Pharmacy. (July 6, 2021).

Smith, Curtis

Smith, C. L., 2022 Updates in Therapeutics: The Pharmacotherapy Prep Review and Recertification Course, "Infectious Diseases 1," ACCP, Online. (April 24, 2022).

Smith, C. L., 2022 Updates in Therapeutics: The Pharmacotherapy Prep Review and Recertification Course, "Infectious Diseases 2," ACCP, Online. (April 24, 2022).

Smith, C. L., 2022 Updates in Therapeutics: The Pharmacotherapy Prep Review and Recertification Course, "Pharmacokinetics: A Refresher," ACCP, Online. (April 24, 2022).

Smith, C. L., "Pain and opioid use – Evidence based Information for HCP," Sparrow Health Systems Trauma Service, Lansing, MI. (April 20, 2022).

Smith, C. L., "Antiplatelet Therapy," Sparrow Health Systems Stroke Service, Lansing, MI. (March 7, 2022).

Smith, C. L., "Hyponatremia in the Trauma Patient," Sparrow Health Systems Trauma Service, Lansing, MI. (February 16, 2022).

Smith, C., "Vaccine update 2021: COVID-19 and Beyond," Sparrow Health System, Lansing, MI. (September 28, 2021).

Smith, C., MPA UP-Division 2021 Fall Conference, "Vaccine update 2021: COVID-19 and Beyond," Upper Peninsula Division of the Michigan Pharmacists Association, Marquette, MI. (September 25, 2021).

Smith, C., "Vaccine update 2021: COVID-19 and Beyond," West Michigan Society of Health System Pharmacists, Grand Rapids, MI. (September 16, 2021).

Sohn, Minji

Sohn, M., Delcher, C., Cheng, Y., Talbert, J., Xu, Y., Jadhav, E., Freeman, P. R., Rx Drug Abuse & Heroin Summit, "Differential impact of state-level policies on overdose deaths related to prescription and illicit opioids," Operation UNITE, Atlanta, GA. (April 18, 2022).

Sohn, M., Delcher, C., Cheng, Y., Talbert, J., Xu, Y., Jadhav, E., Freeman, P., American Public Health Association (APHA) 2021 Annual Meeting & Expo, "The impact of naloxone co-prescribing mandates on mortality: Does opioid type matter?," American Public Health Association, Denver, CO, USA. (October 25, 2021).

Sohn, M., Xu, Y., APHA annual meeting 2021, "The impact of naloxone co-prescribing mandates on mortality: Does opioid type matter?," APHA, Denver. (October 25, 2021).

Dubbert, C., Dixon, G., Sohn, M., Vanloo, D. A., Pontefract, B., Klepser, M. E., 2021 ACCP Annual Meeting, "Collaboration to Harmonize Antimicrobial Registry Measures (CHARM) Dashboard: A standardized tool for multi-region benchmarking of outpatient antibiotic use," American College of Clinical Pharmacy, Virtual. (October 16, 2021).

VanLangen, Kali

Sahr, M., Schmidt, K., VanLangen, K. M., Meny, L. M., Pharmacy Education Annual Meeting, "Survey Says....Mixed Feelings about Transition to Virtual Learning," American Association of Colleges of Pharmacy, virtual. (July 2021).

VanLangen, K. M., A. P., American Association of Colleges of Pharmacy Annual Meeting, "Navigating the Bermuda Triangle of Continuous Quality Improvement in Skills Assessment," Virtual. (July 20, 2021).

Vanloo, Dean

Dubbert, C., Dixon, G., Sohn, M., Vanloo, D. A., Pontefract, B., Klepser, M. E., 2021 ACCP Annual Meeting, "Collaboration to Harmonize Antimicrobial Registry Measures (CHARM) Dashboard: A standardized tool for multi-region benchmarking of outpatient antibiotic use," American College of Clinical Pharmacy, Virtual. (October 16, 2021).

Wellman, Gregory

Meny, L. M., Wellman, G. S., American Pharmacists Association Annual Meeting, "COVID-19 Vaccination as a Predictor of Influenza Vaccination Status," American Pharmacists Association, San Antonio, Texas. (March 2022).

Young, Mark

Owens, S., Holmquist, H., McDowell, B., Young, M., Kalaczinski, L., CHP Health Fair, "Stop Prediabetes," Ferris State University/College of Health Professions, FSU IRC. (April 5, 2022).

Hinkley, S., Salvati, L. A., Thompson, C., Owens, S., Young, M., Midwest Interprofessional Practice, Education, and Research Center Annual Meeting, "Use of an Interprofessional Poverty Panel to Teach Empathy and Resource Availability in Rural Michigan to Students in the Health Professions," Midwest Interprofessional Practice, Education, and Research Center, Virtual. (September 23, 2021).