

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: September 14, 2020
RE: FY20 College of Pharmacy Scholarly Activity Report (July 1, 2019 - June 30, 2020)

1.0 NEW GRANTS AND CONTRACTS (Externally Funded)

PHARMACEUTICAL SCIENCES DEPARTMENT

Faculty	Sponsor and Award Details
Kurup, Sonali	MEDC – ADVANCE Proof of Concept Award Title: Small Molecule EGFR/AURK inhibitors for multi-resistant cancer Start Date: 2/1/20 Total Costs: \$23,609
Sohn, Minji	MDHHS Title: Collaboration to Harmonize Antimicrobial Registry Measures (CHARM) Start Date: 9/10/19 Total Costs: \$10,529
Ward, Tracey	Auburn University (subcontract for NIH SBIR R43AG065069) Project Title: Evaluation of a selective PPAR-gamma agonist for treatment of Alzheimer's disease Start Date: 9/1/19 Total Costs: \$30,000

PHARMACY PRACTICE DEPARTMENT

Faculty	Sponsor and Award Details
Elder, Jodie; Sexton, Scott	Metro Health Integrated Network Project Title: Comprehensive Medication Management Start Date: 3/5/20 Total Award: \$40,000
Klepser, Michael	Quidel Corporation Project Title: Characterize time, resources, and acceptance associated with two pharmacy-associated disease management programs utilizing CLIA-waived point-of-care tests Start Date: 4/15/20 Total Award: \$32,696
Klepser, Michael	UNMC (FSU subcontract to Genentech grant) Project Title: Outcomes associated with a collaborative, pharmacy-based influenza like illness disease management service Start Date: 11/1/19 Total Award: \$130,512

2.0 PUBLICATIONS (Journal Articles, Books and Book Chapters)

Axford, Katie

Axford, K. L. (2020). Chapter 9: Warfarin/CYP2C9, VKORC1, CYP4F2 Case. In D. F. Kisor, D. R. Bright, T. R. Smith, & K. Wiisanen (Eds.), *Pharmacogenomics: Foundations, Competencies, and the Pharmacists' Patient Care Process* (1st ed., pp. 83-93). Washington, DC: American Pharmacists Association.

Bailey, Teresa

Bailey, T. M., Gault, A. (2019). PMS and PMDD. *Women's Health Across the Lifespan: A Pharmacotherapeutic Approach*. Bethesda, MD: American Society of Health-system Pharmacy.

O'Connell, M. B., Samman, L., Bailey, T. M., King, L., Wellman, G. S. (2020). Attitudes of Michigan Female College Students About Pharmacists Prescribing Birth Control in a Community Pharmacy. *Pharmacy (Basel, Switzerland)*, 8(2).

Bright, David

VanLangen, K. M., Meny, L. M., Bright, D. R., Seiferlein, M. R., Philip, A., Sharma, R., DiVall, M. (2020). An Initial Environmental Scan of APPE Readiness Assessment. *Currents in Pharmacy Teaching and Learning*.

Nybo, E., VanLangen, K. M., Bright, D. R. (2020). *Social Distancing: Transitioning integrated pharmacotherapy coursework from face-to-face delivery to distance learning*. Currents in Pharmacy Teaching and Learning Scholarly Blog. <https://cptlpulses.com/2020/04/07/social-distancing-lessons/>

Salvati, L. A., Meny, L. M., deVoest, M., Bright, D. R., Vavra Janes, K. L., Young, M., Kelsh, S., Sahr, M., Wellman, G. S. (2020). Assessing the Validity and Reliability of the Pharmacist Interprofessional Competencies Tool (PICT). *American Journal of Pharmaceutical Education*.

Powers, M., Bright, D. R. (2020). *Pharmacy Calculations (6e)*. Morton Publishing.

Reidenbach, M., Bade, L., Bright, D. R., Mager, N. D., Ellis, A. (2019). Preconception care needs among female patients of childbearing age in an urban community pharmacy setting. *Journal of the American Pharmacists Association*, 59(4S), S52-S56.

deVoest, Margaret

Salvati, L. A., Meny, L. M., deVoest, M., Bright, D. R., Vavra Janes, K. L., Young, M., Kelsh, S., Sahr, M., Wellman, G. S. (2020). Assessing the Validity and Reliability of the Pharmacist Interprofessional Competencies Tool (PICT). *American Journal of Pharmaceutical Education*.

Dowling, Thomas

Mindikoglu, A. L., Coarfa, C., Opekun, A. R., Shah, V. H., Arab, J. P., Lazaridis, K. N., Putluri, N., Ambati, C. R., Robertson, M. J., Devaraj, S., Jalal, P. K., Rana, A., Goss, J. A., Dowling, T. C., Weir, M. R., Seliger, S. L., Raufman, J. P., Bernard, D. W., Vierling, J. M. (2020). Metabolomic biomarkers are associated with mortality in patients with cirrhosis caused by primary biliary cholangitis or primary sclerosing cholangitis. *Future science OA*, 6(2), FSO441.

Eid, Deeb

Eid, D., Osborne, J., Borowicz, B. (2019). Moving the Needle: A 50-State and District of Columbia Landscape Review of Laws Regarding Pharmacy Technician Vaccine Administration. *Pharmacy*, 7(4), 168.

Elder, Jodie

Ottney, A. R., Elder, J. L. (2019). *The State of Ambulatory Care Pharmacy Practice in Michigan* (7th ed., vol. 38). Lansing, MI: Michigan Society of Health-System Pharmacists.

Girand, Heather

Girand, H. L., Litkowiec, S., Sohn, M. (2020). Attention-deficit/hyperactivity disorder and psychotropic polypharmacy prescribing trends. *Pediatrics*, 146(1), e20192832.

Girand, H. L. (2020). Continuous infusion vancomycin in pediatric patients: a critical review of the evidence. *Journal of Pediatric Pharmacology and Therapeutics*, 25(3), 198-214.

Girand, H. L., McNeil, J. C. (2020). Lock therapy for intravascular non-hemodialysis catheter-related infection. *UpToDate*. Waltham, MA: UpToDate. www.uptodate.com

Giri, Namita

Sharma, k., N, N., Sharma, S., Giri, N., Sharivastava, A., Almaiki, F., Saifullah, K., Alam, M., Shaquiquzzaman, M., Akhtar, M. (2019). Identification of novel selective Mtb-DHFR inhibitors as antitubercular agents through structure-based computational techniques. *Arch Pharm (Weinheim)Arch Pharm Chem Life Sci.* 2019;e1900287

Kelsh, Shelby

Salvati, L. A., Meny, L. M., deVoest, M., Bright, D. R., Vavra Janes, K. L., Young, M., Kelsh, S., Sahr, M., Wellman, G. S. (2020). Assessing the Validity and Reliability of the Pharmacist Interprofessional Competencies Tool (PICT). *American Journal of Pharmaceutical Education.*

Sahr, M., Kelsh, S., Blower, N. (2019). Pharmacist Assisted Vape Taper and Behavioral Support for Cessation of Electronic Nicotine Delivery Systems (ENDS) Use. *Clinical Case Reports*, 8(1), 100-103.

Sahr, M., Kelsh, S., Ottney, A., Young, M., Larson, R., Sohn, M. (2020). Pharmacy Students' Perceptions of Electronic Nicotine Delivery Systems as Compared to Those of Other Health Care Students. *American Journal of Pharmaceutical Education*, 84(7).

Klepser, Michael

Nybo, E., Klepser, M. E., Klepser, S. (2020). Design of a disaster preparedness escape room for first and second year pharmacy students. *Currents in Pharmacy Teaching and Learning*, 12(7), 716-723.

Klepser, D. G., Klepser, M. E., Murry, J. S., Borden, H., Olsen, K. M. (2019). Evaluation of a community pharmacy-based influenza and group A streptococcal pharyngitis disease management program using polymerase chain reaction point-of-care testing. *Journal of the American Pharmacists Association : JAPhA*, 59(6), 872-879.

Herbin, S. R., Klepser, D. G., Klepser, M. E. (2020). Pharmacy-Based Infectious Disease Management Programs Incorporating CLIA-Waived Point-of-Care Tests. *Journal of Clinical Microbiology*, 58(5).

Larson, Rodney

Sahr, M., Kelsh, S., Ottney, A., Young, M., Larson, R., Sohn, M. (2020). Pharmacy Students' Perceptions of Electronic Nicotine Delivery Systems as Compared to Those of Other Health Care Students. *American Journal of Pharmaceutical Education*, 84(7).

Meny, Lisa

VanLangen, K. M., Meny, L. M., Bright, D. R., Seiferlein, M. R., Philip, A., Sharma, R., DiVall, M. (2020). An Initial Environmental Scan of APPE Readiness Assessment. *Currents in Pharmacy Teaching and Learning*.

Salvati, L. A., Meny, L. M., deVoest, M., Bright, D. R., Vavra Janes, K. L., Young, M., Kelsh, S., Sahr, M., Wellman, G. S. (2020). Assessing the Validity and Reliability of the Pharmacist Interprofessional Competencies Tool (PICT). *American Journal of Pharmaceutical Education*.

Meny, L. M. (2020). The Report of the 2019-20 Professional Affairs Standing Committee: Pharmacist Integration with Primary Care Practices. *American Journal of Pharmacy Education*, 84(8).

Mersfelder, Tracey

Vaillant, J. J., Mersfelder, T. L., Maynard, R. S., Kavanaugh, K. J. (2020). Procalcitonin-guided antibiotic discontinuation: An antimicrobial stewardship initiative to assist providers. *Journal of Clinical Outcomes Management*, 27(3), 111-114.

Mersfelder, T. L., Shiltz, D. (2019). Beta-Blockers and the Rate of Chronic Obstructive Pulmonary Disease Exacerbations. *Annals of Pharmacotherapy*, 53(12), 1249-1258.

Mersfelder, T. L., Jacob, C., Lam, J. K., Kavanaugh, K. J., Molnar, C. M. (2019). Evaluation of a pharmacist-driven protocol to reduce inappropriate use of acid-suppressive medications in the non-ICU setting. *P & T*, 44(8), 471-3.

Nybo, Eric

Nybo, E., VanLangen, K. M., Bright, D. R. (2020). *Social Distancing: Transitioning integrated pharmacotherapy coursework from face-to-face delivery to distance learning*. Currents in Pharmacy Teaching and Learning Scholarly Blog. <https://cptlpulses.com/2020/04/07/social-distancing-lessons/>

Brown, K., Nybo, E. (2020). *Next-generation sequencing of pIJ101-based Streptomyces-E. coli shuttle vectors*. <https://www.biorxiv.org/content/10.1101/2020.02.26.966358v1>

Nybo, E., Klepser, M. E., Klepser, S. (2020). Design of a disaster preparedness escape room for first and second year pharmacy students. *Currents in Pharmacy Teaching and Learning*, 12(7), 716-723.

Maki, K., Brown, K., Coe, M., Sohn, M., Nybo, E. (2019). *Design of experiments and metabolic engineering approach to enhance nogalamycin production in Streptomyces nogalater*. <https://www.biorxiv.org/content/10.1101/804179v1>

Ottney, Anne

Ottney, A. R., Elder, J. L. (2019). *The State of Ambulatory Care Pharmacy Practice in Michigan* (7th ed., vol. 38). Lansing, MI: Michigan Society of Health-System Pharmacists.

Sahr, M., Kelsh, S., Ottney, A., Young, M., Larson, R., Sohn, M. (2020). Pharmacy Students' Perceptions of Electronic Nicotine Delivery Systems as Compared to Those of Other Health Care Students. *American Journal of Pharmaceutical Education*, 84(7).

Pontefract, Benjamin

Pontefract, B., Nevers, M., Fleming-Dutra, K., Hersh, A., Samore, M., Madaras-Kelly, K. (2019). Diagnosis and antibiotic management of otitis media and otitis externa in United States veterans. *Open Forum of Infectious Diseases* (6(11)), ofz432.

Hills, R. D., Pontefract, B. A., Mishcon, H. R., Black, C. A., Sutton, S. C., Theberge, C. R. (2019). Gut microbiome: profound implications for diet and disease. *Nutrients*(11(7)), E1613.

Sahr, Michelle

Salvati, L. A., Meny, L. M., deVoest, M., Bright, D. R., Vavra Janes, K. L., Young, M., Kelsh, S., Sahr, M., Wellman, G. S. (2020). Assessing the Validity and Reliability of the Pharmacist Interprofessional Competencies Tool (PICT). *American Journal of Pharmaceutical Education*.

Sahr, M. (2019). *Hepatitis B Virus: Who is at risk and What can we do?*. *Pharmacy Times* (Aug. 2019 Supplement).
<https://www.pharmacytimes.com/publications/supplements/2019/august2019/hepatitis-b-virus-who-is-at-risk-and-what-can-we-do>

Sahr, M., Kelsh, S., Blower, N. (2019). Pharmacist Assisted Vape Taper and Behavioral Support for Cessation of Electronic Nicotine Delivery Systems (ENDS) Use. *Clinical Case Reports*, 8(1), 100-103.

Sahr, M., Kelsh, S., Ottney, A., Young, M., Larson, R., Sohn, M. (2020). Pharmacy Students' Perceptions of Electronic Nicotine Delivery Systems as Compared to Those of Other Health Care Students. *American Journal of Pharmaceutical Education*, 84(7).

Salvati, Lisa

VanLangen, K. M., Salvati, L. A. (2020). *Virtual TOSCEs: This wasn't the plan!*. Currents in Pharmacy Teaching and Learning Scholarly Blog.
<https://cptlpulses.com/2020/04/09/virtual-tosces/>

Salvati, L. A., Meny, L. M., deVoest, M., Bright, D. R., Vavra Janes, K. L., Young, M., Kelsh, S., Sahr, M., Wellman, G. S. (2020). Assessing the Validity and Reliability of

the Pharmacist Interprofessional Competencies Tool (PICT). *American Journal of Pharmaceutical Education*.

Salvati, L. A., Weber, Z. A., Trinh, M., Rustem, D., Etelamaki, C. (2020). An Assessment of Interprofessional Education in Schools/Colleges of Pharmacy in the United States. *Currents in Pharmacy Teaching & Learning*.

Schmidt, Kyle

Schmidt, K., Sager, B., Zachariah, J., Raad, B. F., James, E. G., Fletcher, J. J. (2019). Cohort Analysis of Desmopressin Effect on Hematoma Expansion in Patients with Spontaneous Intracerebral Hemorrhage and Documented Pre-ictus Antiplatelet Use. *Journal of Clinical Neuroscience*, 66, 33-37.

Shiltz, Dane

Mersfelder, T. L., Shiltz, D. (2019). Beta-Blockers and the Rate of Chronic Obstructive Pulmonary Disease Exacerbations. *Annals of Pharmacotherapy*, 53(12), 1249-1258.

Smith, Curtis

Smith, C. L. (2020). Antimicrobial Prophylaxis for Surgery. In T. Schwinghammer (Ed.), *Pharmacotherapy Casebook: A Patient-Focused Approach*. 11th ed. (11th ed ed.). McGraw-Hill.

Sohn, Minji

VanLangen, K. M., Elder, K., Young, M., Sohn, M. (2020). Academic Electronic Health Records as a Vehicle to Augment the Assessment of Patient Care Skills in the Didactic Pharmacy Curriculum. *Currents in Pharmacy Teaching and Learning*.

Girand, H. L., Litkowiec, S., Sohn, M. (2020). Attention-deficit/hyperactivity disorder and psychotropic polypharmacy prescribing trends. *Pediatrics*, 146(1), e20192832.

Sohn, M., Talbert, J. C., Delcher, C., Hankosky, E. R., Lofwall, M. R., Freeman, P. R. (2020). Association between state Medicaid expansion status and naloxone prescription dispensing. *Health services research*, 55(2), 239-248.

Sohn, M., Brinkman, R., Wellman, G. S. (2019). Co-prescription of opioid and naloxone in office-based practice and emergency department settings in the United States. *Public Health*, 180, 82-84.

Maki, K., Brown, K., Coe, M., Sohn, M., Nybo, E. (2019). *Design of experiments and metabolic engineering approach to enhance nogalamycin production in Streptomyces nogalater*. <https://www.biorxiv.org/content/10.1101/804179v1>

Sahr, M., Kelsh, S., Ottney, A., Young, M., Larson, R., Sohn, M. (2020). Pharmacy Students' Perceptions of Electronic Nicotine Delivery Systems as Compared to

Those of Other Health Care Students. *American Journal of Pharmaceutical Education*, 84(7).

VanLangen, Kali

VanLangen, K. M., Elder, K., Young, M., Sohn, M. (2020). Academic Electronic Health Records as a Vehicle to Augment the Assessment of Patient Care Skills in the Didactic Pharmacy Curriculum. *Currents in Pharmacy Teaching and Learning*.

VanLangen, K. M., Meny, L. M., Bright, D. R., Seiferlein, M. R., Philip, A., Sharma, R., DiVall, M. (2020). An Initial Environmental Scan of APPE Readiness Assessment. *Currents in Pharmacy Teaching and Learning*.

VanLangen, K. M., Salvati, L. A. (2020). *Virtual TOSCEs: This wasn't the plan!*. *Currents in Pharmacy Teaching and Learning* Scholarly Blog. <https://cptlpulses.com/2020/04/09/virtual-tosces/>

Nybo, E., VanLangen, K. M., Bright, D. R. (2020). *Social Distancing: Transitioning integrated pharmacotherapy coursework from face-to-face delivery to distance learning*. *Currents in Pharmacy Teaching and Learning* Scholarly Blog. <https://cptlpulses.com/2020/04/07/social-distancing-lessons/>

Vavra Janes, Kari

Salvati, L. A., Meny, L. M., deVoest, M., Bright, D. R., Vavra Janes, K. L., Young, M., Kelsh, S., Sahr, M., Wellman, G. S. (2020). Assessing the Validity and Reliability of the Pharmacist Interprofessional Competencies Tool (PICT). *American Journal of Pharmaceutical Education*.

Vavra Janes, K. L. (2019). *Pharmacists Improve Patient Outcomes* (10th ed., vol. 38). Lansing, MI: Michigan Society of Health-System Pharmacists.

Vavra Janes, K. L., Brown, S., Peterson, J., Harris, S. (2019). Evaluation of trigger tool methodology related to adverse drug events in hospitalized patients. *Patient Safety*, 1(2).

Wellman, Gregory

Salvati, L. A., Meny, L. M., deVoest, M., Bright, D. R., Vavra Janes, K. L., Young, M., Kelsh, S., Sahr, M., Wellman, G. S. (2020). Assessing the Validity and Reliability of the Pharmacist Interprofessional Competencies Tool (PICT). *American Journal of Pharmaceutical Education*.

Sohn, M., Brinkman, R., Wellman, G. S. (2019). Co-prescription of opioid and naloxone in office-based practice and emergency department settings in the United States. *Public Health*, 180, 82-84.

O'Connell, M. B., Samman, L., Bailey, T. M., King, L., Wellman, G. S. (2020). Attitudes of Michigan Female College Students About Pharmacists Prescribing Birth Control in a Community Pharmacy. *Pharmacy (Basel, Switzerland)*, 8(2).

Young, Mark

VanLangen, K. M., Elder, K., Young, M., Sohn, M. (2020). Academic Electronic Health Records as a Vehicle to Augment the Assessment of Patient Care Skills in the Didactic Pharmacy Curriculum. *Currents in Pharmacy Teaching and Learning*.

Salvati, L. A., Meny, L. M., deVoest, M., Bright, D. R., Vavra Janes, K. L., Young, M., Kelsh, S., Sahr, M., Wellman, G. S. (2020). Assessing the Validity and Reliability of the Pharmacist Interprofessional Competencies Tool (PICT). *American Journal of Pharmaceutical Education*.

Sahr, M., Kelsh, S., Ottney, A., Young, M., Larson, R., Sohn, M. (2020). Pharmacy Students' Perceptions of Electronic Nicotine Delivery Systems as Compared to Those of Other Health Care Students. *American Journal of Pharmaceutical Education*, 84(7).

3.0 PRESENTATIONS (State, National, International)

Amissah, Felix

Kurup, S., Ding, Q., Amissah, F., Assaad, K., Chandrashekhara, S., Annual Meeting, "A meta-analysis comparing therapeutic outcomes for anti-EGFR monotherapy to targeted therapy combinations for non-small cell lung cancer," American Society of Clinical Oncology, virtual. (May 2020).

Matson, J., Assaad, K., Kurup, S., Amissah, F., West Michigan Regional Undergraduate and Graduate Science Symposium (WMRUGS), "Investigation of simultaneous EGFR and aurora kinase inhibition in non-small cell lung cancer cells," Van Andel Research Institute, Grand Rapids. (November 2019).

Bright, D. R., Lamberts, J., VanLangen, K. M., Wellman, G. S., Meny, L. M., Amissah, F., Pharmacy Education 2019, "Re-inventing the Wheel: Content Development Across Disciplines Within an Integrated Pharmacotherapy Course," American Association of Colleges of Pharmacy, Chicago, IL. (July 13, 2019).

Bailey, Teresa

Bailey, T. M., Herrera, C., Barr, J., Ischander, M., North American Cystic Fibrosis Conference, "Decreased Downtime for Patients Waiting During Cystic Fibrosis Clinic," Cystic Fibrosis Foundation, Nashville, TN. (October 2019).

Bailey, T. M., Herrera, C., Barr, J., Ischander, M., North American Cystic Fibrosis Conference, "Kzoo Krew FUN to One CF," Cystic Fibrosis Foundation, Nashville, TN. (October 2019).

Bailey, T. M., Scientific Federation, "A Pharmacist's Perspective on Dietary Supplements," Scientific Federation, Miami, FL. (September 2019).

Baran, Rose

Baran, R. M., Capital Area Pharmacists Association CE, "2019 Pharmacy Law Update and Ethics," Capital Area Pharmacists Association, Lansing, MI. (December 5, 2019).

Baran, R. M., MPA/UP Fall Conference, "Pharmacy Law Update 2019: Present and Future," Marquette, MI. (September 29, 2019).

Bright, David

Saadeh, C. E., Bright, D. R., Devuyst-Miller, S. A., MPA Annual Convention & Exposition, "Pharmacogenomics of Pain & Addiction Management," Michigan Pharmacists Association, Detroit, MI. (February 22, 2020).

Bright, D. R., Lamberts, J., VanLangen, K. M., Wellman, G. S., Meny, L. M., Amissah, F., Pharmacy Education 2019, "Re-inventing the Wheel: Content Development Across Disciplines Within an Integrated Pharmacotherapy Course," American Association of Colleges of Pharmacy, Chicago, IL. (July 13, 2019).

Bailey, N., Whiting, P., Burkey, J., Bright, D. R., Sohn, M., American Pharmacists Association, "American Sign Language (ASL) training for pharmacy students: Caring for Deaf and hard of hearing patients." (March 19, 2020).

Roath, E., Bright, D. R., DiPietro Mager, N., American Pharmacists Association, "Retrospective evaluation of preconception care intervention opportunities in a chain community pharmacy setting." (March 19, 2020).

Covyeou, Jill

Covyeou, J. A., Schachman, K., 2019 Opiate Conference- Opioids and Your Patients: Where do you go from here?, "Project ECHO: Transforming Care for the Treatment of Opioid Use Disorder," McLaren Health Care, Bay City, MI. (October 11, 2019).

deVoest, Peggy

Kelsh, S., deVoest, M., Cunningham, T., WMSHP Monthly Meeting, "Pharmacy Student Role in Transitions of Care: How they are making a difference?!", Western Michigan Health Systems Pharmacists Association, Grand Rapids, MI. (February 13, 2020).

Whiting, P., deVoest, M., Salvati, L. A., Meny, L. M., Sohn, M., "ASSESSMENT OF INTERPROFESSIONAL PREPAREDNESS IN EARLY VERSUS LATE ADVANCED PHARMACY PRACTICE EXPERIENCES," ASHP, Las Vegas. (December 10, 2019).

Whiting, P., deVoest, M., Salvati, L. A., Meny, L. M., Sohn, M., The 13th Annual MIPERC Conference, "ASSESSMENT OF INTERPROFESSIONAL PREPAREDNESS IN EARLY VERSUS LATE ADVANCED PHARMACY PRACTICE

EXPERIENCES," Midwest Interprofessional Practice, Education and Research Center, Grand Rapids MI. (September 17, 2019).

Devuyst-Miller, Susan

Devuyst-Miller, S. A., MSU College of Osteopathic Medicine, "Opioid Controlled Substances Awareness Training," MSU College of Osteopathic Medicine, webinar. (June 18, 2020).

Devuyst-Miller, S. A., MSU College of Osteopathic Medicine, "Opioid Controlled Substances Awareness Training," MSU College of Osteopathic Medicine, webinar. (May 20, 2020).

Devuyst-Miller, S. A., Kent County Pharmacists Association, "Opioid Controlled Substances Awareness Training," Kent County Pharmacists Association, webinar. (May 5, 2020).

Devuyst-Miller, S. A., MSU College of Osteopathic Medicine, "Opioid Controlled Substances Awareness Training," MSU College of Osteopathic Medicine, webinar. (April 22, 2020).

Devuyst-Miller, S. A., AACP, "An Integrative Approach to Patient Cases to enhance Cultural Competency in Pharmacy," AACP, webinar. (March 5, 2020).

Saadeh, C. E., Bright, D. R., Devuyst-Miller, S. A., MPA Annual Convention & Exposition, "Pharmacogenomics of Pain & Addiction Management," Michigan Pharmacists Association, Detroit, MI. (February 22, 2020).

Devuyst-Miller, S. A., Michigan Optometric Association, "Opioid Controlled Substances Awareness Training," Michigan Optometric Association, webinar. (October 11, 2019).

Devuyst-Miller, S. A., Michigan Society of Pharmacy Technicians, "Opioids in the Pharmacy: What's a Technician to Do?," Michigan Society of Pharmacy Technicians, Flint, MI. (September 14, 2019).

Devuyst-Miller, S. A., Muskegon County Health Department, "Stigma and Medication for Addiction Treatment," Muskegon County Health Department, Muskegon, MI. (August 26, 2019).

Ding, Qian

Kurup, S., Ding, Q., Amissah, F., Assaad, K., Chandrashekhara, S., Annual Meeting, "A meta-analysis comparing therapeutic outcomes for anti-EGFR monotherapy to targeted therapy combinations for non-small cell lung cancer," American Society of Clinical Oncology, virtual. (May 1, 2020).

Eid, Deeb

Eid, D., Bailey, N., Hendricks, M., 116th NABP Annual Meeting, "Standard of Care: A National Three-Profession Survey of Health Care State Agencies," National Association of Boards of Pharmacy, Virtual. (June 23, 2020).

Eid, D., MSCP-MSPT Dynamic Duos, "Pharmacy Full Scope of Practice: Evidence > Emotions," Michigan Pharmacist Association, Virtual. (May 2, 2020).

Dowling, Thomas

Cucci, M., Roberts, J., Murphy, C., Gerlach, A., Udy, A., Mangira, C., Dowling, T. C., Mullen, C., 2020 ACCP Spring Virtual Poster Symposium, "Performance of the Cockcroft-Gault equation using different body weights in ICU patients with augmented renal clearance: A preliminary analysis," American College of Clinical Pharmacy, Virtual. (May 27, 2020).

Dowling, T. C., 2019 ASHP Midyear Clinical Meeting, "Defining the Role of Pharmacists in the Evolving Treatment Landscape for Anemia in CKD," ASHP, Las Vegas, NV. (December 9, 2019).

Swanson, M., Szarowicz, C., Dowling, T. C., Pike, S., Shultz, C., Bachmann, A., West Michigan Research Undergraduate Symposium (WMRUGS), "Development of an LCMS Assay to Quantify DFMO in Mouse Plasma," Van Andel Research Institute, Grand Rapids, MI. (November 4, 2019).

Swanson, M., Szarowicz, C., Dowling, T. C., Pike, S., Shultz, C., Bachmann, A., Society of Toxicology, "Development of an LCMS Assay to Quantify DFMO in Mouse Plasma," Michigan Society of Toxicology, Ann Arbor, MI. (October 18, 2019).

Elder, Jodie

Pinder, J., Klene-Bowns, A., Bates, J., Elder, J. L., MAOFP Winter Conference 2020, "Quality Improvement Initiative to Educate Patients on the Risks and Benefits of Long Term Use of Depot Medroxyprogesterone Acetate and Bone Effects," Michigan Association of Osteopathic Family Physicians (MAOFP), Boyne Highlands, Harbor Springs, MI. (February 6, 2020).

Girand, Heather

Mersfelder, T. L., Sohn, M., Girand, H. L., American Association of Colleges of Pharmacy Annual Meeting, "Factors influencing the involvement of Doctor of Pharmacy students in research/scholarship projects," American Association of Colleges of Pharmacy, Chicago, Illinois. (July 21, 2019).

Kelsh, Shelby

Kelsh, S., APhA Annual Meeting & Exposition, "Combating Shame with Positivity: A Method to Promote Patient Engagement," American Pharmacists Association, Online. (May 6, 2020).

Blower, N., Sahr, M., Kelsh, S., Sohn, M., APhA Annual Meeting & Exposition, "Nicotine replacement therapy treatment or assisted taper plus behavioral support for electronic nicotine delivery systems cessation," American Pharmacists Association, Online. (May 6, 2020).

Kelsh, S., Sahr, M., MPA Annual Convention & Exposition, "Update on Vaping: Laws, Evidence and What I Can Do to Help My Patients," Michigan Pharmacists Association, Detroit, MI. (February 22, 2020).

Kelsh, S., deVoest, M., Cunningham, T., WMSHP Monthly Meeting, "Pharmacy Student Role in Transitions of Care: How they are making a difference?!", Western Michigan Health Systems Pharmacists Association, Grand Rapids, MI. (February 13, 2020).

Weaver, P., Kelsh, S., Sahr, M., Blower, N., Sohn, M., ASHP Midyear Meeting, "Deep dive into vaping habits of young adults," American Society of Health Systems Pharmacists, Las Vegas, NV. (December 8, 2019).

Kelsh, S., Dadles, R., MIPERC, "IMPLEMENTING AN INTERDISCIPLINARY SERVICE FOR UNCONTROLLED DIABETICS," Midwest Interprofessional Practice, Education, and Research Center, Allendale, MI. (September 4, 2019).

Kelsh, S., "Calling the shots: Addressing vaccination concerns," Michigan Center for Rural Health, Webinar. (August 22, 2019).

Klepser, Michael

Klepser, M. E., NCPA, "SARS-CoV2 Immunology and Laboratory Testing," NCPA, Webinar. (June 10, 2020).

Klepser, M. E., NCPA, "Overview of SARS-COV2," NCPA, Webinar. (June 9, 2020).

Pontefract, B., Klepser, M. E., American Pharmacists Association Annual Meeting 2020, "Antimicrobial Stewardship: We're All in this Together!," American Pharmacists Association, National Harbor, MD. (March 21, 2020).

Klepser, M. E., Molecular Med Tri-Con, "Use of CLIA-waived POC tests to support Pharmacy Based Disease Management Services," Molecular Med Tri-Con, San Francisco, CA. (March 4, 2020).

Klepser, M. E., MPA Annual Meeting, "Opioids and Sexually Transmitted Infections: Nefarious Partners," MPA, Detroit, MI. (February 22, 2020).

Klepser, M. E., MPA Annual Meeting, "Carry on my Wayward Sons Escape Room," MPA, Detroit, MI. (February 21, 2020).

Klepser, M. E., North American Primary Care Research Group Annual Meeting, "Provider attitudes toward antibiotic stewardship interventions in ambulatory care.," NAPCRG, Toronto, Ontario. (November 18, 2019).

Stutz-Griffey, H., Weaver, P., Woodwyk, A., Sohn, M., Wallington, D., Warner, A., Vanloo, D. A., Klepser, M. E., American College of Clinical Pharmacy Annual Meeting, "Impact of pharmacist-led education and prescriber report cards as outpatient antimicrobial stewardship initiatives in a community health system," American College of Clinical Pharmacy (ACCP), New York, NY. (October 27, 2019).

Goldsworthy, J., Elliot, M., Woodwyk, A., Dregansky, G., Sohn, M., Klepser, M. E., American College of Clinical Pharmacy Annual Meeting, "Impact of prescriber education and report cards on outpatient antibiotic prescribing for UTIs at a Federally Qualified Health Clinic (FQHC)," American College of Clinical Pharmacy (ACCP), New York, NY. (October 27, 2019).

Klepser, M. E., American College of Clinical Pharmacy Annual Meeting, "Improving university students' knowledge of antibiotic utilization through a multimedia intervention," ACCP, New York, New York. (October 27, 2019).

Koski, Renee

Koski, R. R., MCRH Statewide Videoconference Continuing Education, "The Pharmacist's Role in Curbing the Vaping Epidemic," MSU MCRH, Marquette, MI. (February 6, 2020).

Lempicki, K. A., Wisse, K., Koski, R. R., ACCP Annual Meeting, "History of the ACCP Ambulatory Care Practice and Research Network Poster," ACCP Ambulatory Care PRN, New York, New York. (October 26, 2019).

Koski, R. R., 17th Annual UP Long-term Care Facilities Best Practices Conference, "Pain Management in the Nursing Home," UPCAP, Harris, MI. (October 2, 2019).

Kurup, Sonali

Kurup, S., Ding, Q., Amissah, F., Assaad, K., Chandrashekhara, S., Annual Meeting, "A meta-analysis comparing therapeutic outcomes for anti-EGFR monotherapy to targeted therapy combinations for non-small cell lung cancer," American Society of Clinical Oncology, virtual. (May 2020).

Matson, J., Assaad, K., Kurup, S., Amissah, F., West Michigan Regional Undergraduate and Graduate Science Symposium (WMRUGS), "Investigation of simultaneous EGFR and aurora kinase inhibition in non-small cell lung cancer cells," Van Andel Research Institute, Grand Rapids. (November 2019).

Lamberts, Jenny

Roberts, S., Daugherty, K., DiVall, M., Lamberts, J., Vandiver, J., Lebovitz, L., Pharmacy Education 2019, "Bridging the Great Divide: Outcomes and Perceptions of Activities Designed to Orient Non-Pharmacist Faculty to the Pharmacy Profession," American Association of Colleges of Pharmacy, Chicago, IL. (July 15, 2019).

Roberts, S., Lamberts, J., Lebovitz, L., Daugherty, K., Pharmacy Education 2019, "Practicing Understanding: Strategies to Orient Non-Practice Faculty to the

Pharmacy Profession and Professional Education," American Association of Colleges of Pharmacy, Chicago, IL. (July 14, 2019).

Bright, D. R., Lamberts, J., VanLangen, K. M., Wellman, G. S., Meny, L. M., Amissah, F., Pharmacy Education 2019, "Re-inventing the Wheel: Content Development Across Disciplines Within an Integrated Pharmacotherapy Course," American Association of Colleges of Pharmacy, Chicago, IL. (July 13, 2019).

Meny, Lisa

Whiting, P., deVoest, M., Salvati, L. A., Meny, L. M., Sohn, M., Mid year 2019, "ASSESSMENT OF INTERPROFESSIONAL PREPAREDNESS IN EARLY VERSUS LATE ADVANCED PHARMACY PRACTICE EXPERIENCES," ASHP, Las Vegas. (December 10, 2019).

Whiting, P., deVoest, M., Salvati, L. A., Meny, L. M., Sohn, M., The 13th Annual MIPERC Conference, "ASSESSMENT OF INTERPROFESSIONAL PREPAREDNESS IN EARLY VERSUS LATE ADVANCED PHARMACY PRACTICE EXPERIENCES," Midwest Interprofessional Practice, Education and Research Center, Grand Rapids MI. (September 17, 2019).

Maerten-Rivera, J., Doloresco, F., Meny, L. M., Seiferlein, M. R., Chen, A., Pharmacy Education 2019, "Data Overload? Three Approaches to Implementing Data-Driven Changes Using the AACP Curriculum Quality Survey," American Association of Colleges of Pharmacy, Chicago, Illinois. (July 17, 2019).

Meny, L. M., Fulford, M., Franks, A., Pharmacy Education 2019, "Charting Your Own Course: Finding Yourself and Finding Your Path in Academia," American Association of Colleges of Pharmacy, Chicago, IL. (July 15, 2019).

Meny, L. M., Seiferlein, M. R., Chen, A. M.H., Wandling, E., Pharmacy Education 2019, "Faculty Perceptions of a Town Hall Model for Engagement in Data-Driven Decision Making," American Association of Colleges of Pharmacy, Chicago, Illinois. (July 15, 2019).

Bright, D. R., Lamberts, J., VanLangen, K. M., Wellman, G. S., Meny, L. M., Amissah, F., Pharmacy Education 2019, "Re-inventing the Wheel: Content Development Across Disciplines Within an Integrated Pharmacotherapy Course," American Association of Colleges of Pharmacy, Chicago, IL. (July 13, 2019).

Mersfelder, Tracey

Shamsi, W. E., Muthukumarasamy, N., Weber, L., SurVance, E., Kavanaugh, K., Mersfelder, T. L., 5th Annual Michigan Summit on Quality Improvement & Patient Safety, "Utility and Usefulness of a Diabetes Medication Poster in an Internal Medicine/Medicine-Pediatric Clinic," Michigan Summit on Quality Improvement & Patient Safety, Lansing, Michigan. (May 27, 2020).

Shamsi, W. E., Muthukumarasamy, N., Weber, L., Van Maele, R., SurVance, E., Kavanaugh, K. J., Mersfelder, T. L., 38th Annual Kalamazoo Community Medical and

Health Sciences Research Day, "A Quality Improvement Project: Utility and Usability of a Diabetes Medication Poster in an Internal Medicine/Medicine-Pediatric Clinic - Phase I," Western Michigan University Homer Stryker MD School of Medicine, Kalamazoo, Michigan. (March 31, 2020).

Rehman, M. E., Miller, A. R., Patel, P., Mersfelder, T. L., 2019 Michigan Chapter Meeting - ACP, "Flecainide Induced Myalgias: A Case Report," American College of Physicians - Michigan Chapter, Grand Rapids, Michigan. (October 10, 2019).

Roach, R. R., Mersfelder, T. L., The 9th Annual Western Michigan University International Medical Humanities Conference, "A Short History on War Advancements and The Sacrifices in Medicine," Western Michigan University, Kalamazoo, Michigan. (September 19, 2019).

Mersfelder, T. L., Sohn, M., Girand, H. L., American Association of Colleges of Pharmacy Annual Meeting, "Factors influencing the involvement of Doctor of Pharmacy students in research/scholarship projects," American Association of Colleges of Pharmacy, Chicago, Illinois. (July 21, 2019).

Nybo, Eric

Nybo, E., Michigan State University Department of Pharmacology and Toxicology Seminar, "BIOPOLYMER: BIObricks® POLYketide Metabolic EngineeRing platform," Michigan State University Department of Pharmacology and Toxicology, East Lansing, MI. (January 10, 2020).

Ottney, Anne

Ottney, A. R., Capital Area Pharmacists Association Meeting, "The Vape Debate: An Update on a National Public Health Crisis," Capital Area Pharmacists Association. (May 28, 2020).

Ottney, A. R., MSCP/MSPT: Dynamic Duo's: We're in This Together Webinar, "The Vape Debate: An Update on a National Public Health Crisis," Michigan Society of Community Pharmacists/Michigan Society of Pharmacy Technicians. (May 2, 2020).

Young, M., Ottney, A. R., Sahr, M., Michigan State University Emergency Medicine Conference, "Vaping: Myths, Truths and I What I Need to Know to Help My Patients," Michigan State College of Osteopathic Medicine, Troy, MI. (March 18, 2020).

Ottney, A. R., Community Mental Health Provider CE, "The Vape Debate: An Update on a National Public Health Crisis," Community Mental Health, Lansing, MI. (March 3, 2020).

Ottney, A. R., MPA Annual Convention and Exposition, "ABC's of Diabetes: Applying Current Aspirin, Blood Pressure, and Cholesterol Guidelines to Patients with Diabetes," Michigan Pharmacists Association, Detroit, MI. (February 23, 2020).

Young, M., Ottney, A. R., Tom D Rowe Annual Pharmacy Lectures, "Vaping: Myths, Truths, and What to Tell Patients," University of Michigan, Ann Arbor, MI. (October 4, 2019).

Young, M., Sahr, M., Ottney, A. R., SpartanNash Annual meeting, "Vaping: Myths, Truths and What I Need to Know to Help My Patients," SpartanNash, Grand Rapids. (September 19, 2019).

Pontefract, Ben

Pontefract, B., Klepser, M. E., American Pharmacists Association Annual Meeting 2020, "Antimicrobial Stewardship: We're All in this Together!," American Pharmacists Association, National Harbor, MD. (March 2020).

Rovelsky, S., Pontefract, B., Nevers, M., Hersh, A., Samore, M., Madaras-Kelly, K., International Conference on Healthcare Associated Infections, "Increased return clinic visits for adults with group A streptococcal pharyngitis treated with a macrolide," Society for Healthcare Epidemiology of America, Atlanta, GA. (March 2020).

Madaras-Kelly, K., Hostler, C., Townsend, M., Potter, E., Spivak, E., Hall, S., Goetz, M., Nevers, M., Ying, J., Haaland, B., Rovelsky, S., Pontefract, B., Fleming-Dutra, K., Samore, M., International Conference on Healthcare Association Infections, "Update on improving outpatient antibiotic use through implementation and evaluation of core elements of outpatient antibiotic stewardship," Society for Healthcare Epidemiology of America, Atlanta, GA. (March 2020).

Pontefract, B., Great Lakes Infectious Diseases Conference 2020, "Antimicrobial Stewardship in the Outpatient Setting," Ferris State University College of Pharmacy, Grand Rapids, MI. (March 7, 2020).

Pontefract, B., Madaras-Kelly, K., ID Week, "Linezolid for treatment of urinary tract infections caused by vancomycin resistant enterococci," Infectious Diseases Society of America, Washington D.C. (October 2019).

Saadeh, Claire

Saadeh, C. E., Bright, D. R., Devuyst-Miller, S. A., MPA Annual Convention & Exposition, "Pharmacogenomics of Pain & Addiction Management," Michigan Pharmacists Association, Detroit, MI. (February 22, 2020).

Sahr, Michelle

Blower, N., Sahr, M., Kelsh, S., Sohn, M., APhA Annual Meeting & Exposition, "Nicotine replacement therapy treatment or assisted taper plus behavioral support for electronic nicotine delivery systems cessation," American Pharmacists Association, Online. (May 6, 2020).

Young, M., Ottney, A. R., Sahr, M., Michigan State University Emergency Medicine Conference, "Vaping: Myths, Truths and I What I Need to Know to Help My Patients," Michigan State College of Osteopathic Medicine, Troy, MI. (March 18, 2020).

Sahr, M., APhA Annual Convention and Exposition, "How to Help your Patients Quit Vaping," American Pharmacists Association, Online. (March 16, 2020).

Kelsh, S., Sahr, M., MPA Annual Convention & Exposition, "Update on Vaping: Laws, Evidence and What I Can Do to Help My Patients," Michigan Pharmacists Association, Detroit, MI. (February 22, 2020).

Sahr, M., Dhanapal, V., Tharp, J., Michigan Pharmacists Annual Convention & Exposition, "Updates on USP 795, 797, 800: Hitting a Moving Target," Michigan Pharmacists Association, Detroit, MI. (February 22, 2020).

Weaver, P., Kelsh, S., Sahr, M., Blower, N., Sohn, M., ASHP Midyear Meeting, "Deep dive into vaping habits of young adults," American Society of Health Systems Pharmacists, Las Vegas, NV. (December 8, 2019).

Young, M., Sahr, M., Ottney, A. R., SpartanNash Annual meeting, "Vaping: Myths, Truths and What I Need to Know to Help My Patients," SpartanNash, Grand Rapids. (September 19, 2019).

Salvati, Lisa

Whiting, P., deVoest, M., Salvati, L. A., Meny, L. M., Sohn, M., Mid year 2019, "ASSESSMENT OF INTERPROFESSIONAL PREPAREDNESS IN EARLY VERSUS LATE ADVANCED PHARMACY PRACTICE EXPERIENCES," ASHP, Las Vegas. (December 10, 2019).

Whiting, P., deVoest, M., Salvati, L. A., Meny, L. M., Sohn, M., The 13th Annual MIPERC Conference, "ASSESSMENT OF INTERPROFESSIONAL PREPAREDNESS IN EARLY VERSUS LATE ADVANCED PHARMACY PRACTICE EXPERIENCES," Midwest Interprofessional Practice, Education and Research Center, Grand Rapids MI. (September 17, 2019).

Schmidt, Kyle

Schmidt, K. J., Combs, J. L., Dyckman, T., Hofmann, R. M., American Transplant Congress 2020, "Renal Transplant Induction Therapy Safety Outcomes Comparison," American Society of Transplant Surgeons, American Society of Transplantation. (May 30, 2020).

Krancevich, N. M., Belfer, J. J., Schmidt, K. J., "Impact of Intravenous Opioids in the Intensive Care Unit on Opioid Use Following Discharge," Western Michigan Society of Health-Systems Pharmacists, Grand Rapids, Michigan. (April 9, 2020).

Shiltz, Dane

Ramdeo, R., Shiltz, D., ASHP Midyear Clinical Meeting, "Development of an Inpatient Enoxaparin Dosing Protocol in Special Populations," ASHP, Las Vegas, NV. (December 9, 2019).

Smith, Curtis

Smith, C. L., 2020 Updates in Therapeutics: The Pharmacotherapy Prep Review and Recertification Course, "Infectious Diseases 1," ACCP, St. Louis, MO. (April 25, 2020).

Smith, C. L., 2020 Updates in Therapeutics: The Pharmacotherapy Prep Review and Recertification Course, "Infectious Diseases 2," ACCP, St. Louis, MO. (April 25, 2020).

Smith, C. L., 2020 Updates in Therapeutics: The Pharmacotherapy Prep Review and Recertification Course, "Pharmacokinetics: A Refresher," ACCP, St. Louis, MO. (April 25, 2020).

Sohn, Minji

Blower, N., Sahr, M., Kelsh, S., Sohn, M., APhA Annual Meeting & Exposition, "Nicotine replacement therapy treatment or assisted taper plus behavioral support for electronic nicotine delivery systems cessation," American Pharmacists Association, Online. (May 6, 2020).

Bailey, N., Whiting, P., Burkey, J., Bright, D. R., Sohn, M., American Pharmacists Association, "American Sign Language (ASL) training for pharmacy students: Caring for Deaf and hard of hearing patients." (March 19, 2020).

Sohn, M., Great Lakes Infectious Disease Conference, "Tracking antibiotic use in the ambulatory setting," Ferris State University College of Pharmacy, Grand Rapids, MI. (March 7, 2020).

Whiting, P., deVoest, M., Salvati, L. A., Meny, L. M., Sohn, M., "Assessment of interprofessional preparedness in early versus late advanced pharmacy practice experiences", ASHP, Las Vegas. (December 10, 2019).

Weaver, P., Kelsh, S., Sahr, M., Blower, N., Sohn, M., ASHP Midyear Meeting, "Deep dive into vaping habits of young adults," American Society of Health Systems Pharmacists, Las Vegas, NV. (December 8, 2019).

Stutz-Griffey, H., Weaver, P., Woodwyk, A., Sohn, M., Wallington, D., Warner, A., Vanloo, D. A., Klepser, M. E., American College of Clinical Pharmacy Annual Meeting, "Impact of pharmacist-led education and prescriber report cards as outpatient antimicrobial stewardship initiatives in a community health system," American College of Clinical Pharmacy (ACCP), New York, NY. (October 27, 2019).

Goldsworthy, J., Elliot, M., Woodwyk, A., Dregansky, G., Sohn, M., Klepser, M. E., American College of Clinical Pharmacy Annual Meeting, "Impact of prescriber education and report cards on outpatient antibiotic prescribing for UTIs at a Federally Qualified Health Clinic (FQHC)," American College of Clinical Pharmacy (ACCP), New York, NY. (October 27, 2019).

Sohn, M., Talbert, J. C., Huang, Z., Perry, B., Oser, C., Freeman, P. R., Addiction Health Services Research Conference, "National trends in urine drug screening

among persons receiving long-term opioid prescriptions in the US," Institute of Public and Preventive Health, Park City, UT, USA. (October 16, 2019).

Whiting, P., deVoest, M., Salvati, L. A., Meny, L. M., Sohn, M., "Assessment of interprofessional preparedness in early versus late advanced pharmacy practice experiences", Midwest Interprofessional Practice, Education and Research Center, Grand Rapids MI. (September 17, 2019).

Mersfelder, T. L., Sohn, M., Girand, H. L., American Association of Colleges of Pharmacy Annual Meeting, "Factors influencing the involvement of Doctor of Pharmacy students in research/scholarship projects," American Association of Colleges of Pharmacy, Chicago, Illinois. (July 21, 2019).

VanLangen, Kali

Ellena, K., VanLangen, K. M., Brandt, K., Wolf, L., Dumkow, L., ACCP Virtual Poster Symposium, "Evaluation of the Treatment of Asymptomatic Bacteriuria in Psychiatric Patients Discharged from the Emergency Department," American College of Clinical Pharmacy. (May 26, 2020).

Bright, D. R., Lamberts, J., VanLangen, K. M., Wellman, G. S., Meny, L. M., Amissah, F., Pharmacy Education 2019, "Re-inventing the Wheel: Content Development Across Disciplines Within an Integrated Pharmacotherapy Course," American Association of Colleges of Pharmacy, Chicago, IL. (July 13, 2019).

Vanloo, Dean

Stutz-Griffey, H., Weaver, P., Woodwyk, A., Sohn, M., Wallington, D., Warner, A., Vanloo, D. A., Klepser, M. E., American College of Clinical Pharmacy Annual Meeting, "Impact of pharmacist-led education and prescriber report cards as outpatient antimicrobial stewardship initiatives in a community health system," American College of Clinical Pharmacy (ACCP), New York, NY. (October 27, 2019).

Wellman, Gregory

Bright, D. R., Lamberts, J., VanLangen, K. M., Wellman, G. S., Meny, L. M., Amissah, F., Pharmacy Education 2019, "Re-inventing the Wheel: Content Development Across Disciplines Within an Integrated Pharmacotherapy Course," American Association of Colleges of Pharmacy, Chicago, IL. (July 13, 2019).

Young, Mark

Young, M., Ottney, A. R., Sahr, M., Michigan State University Emergency Medicine Conference, "Vaping: Myths, Truths and I What I Need to Know to Help My Patients," Michigan State College of Osteopathic Medicine, Troy, MI. (March 18, 2020).

Young, M. A., Great Lakes Health Connect Annual Symposium, "Integration of Health Information Exchanges into Pharmacy Practice: A Vertical Approach," Great Lakes Health Connect, Lansing, MI. (October 23, 2019).

Young, M., Ottney, A. R., Tom D Rowe Annual Pharmacy Lectures, "Vaping: Myths, Truths, and What to Tell Patients," University of Michigan, Ann Arbor, MI. (October 4, 2019).

Young, M., Sahr, M., Ottney, A. R., SpartanNash Annual meeting, "Vaping: Myths, Truths and What I Need to Know to Help My Patients," SpartanNash, Grand Rapids. (September 19, 2019).

4.0 INTELLECTUAL PROPERTY

INVENTOR(S): ANNA LANGERVELD (Genemarkers, LLC), **DAVID BRIGHT** (Ferris State University), **MINJI SOHN** (Ferris State University), **CLAIRE SAADEH** (Ferris State University), **SUSAN DEVUYST-MILLER** (Ferris State University)

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