

CIPhER 2019-2020 Examples of Scholarship

Examples. Peer Reviewed Publications

Butler AC, Black-Maier AC, Campbell K, Marsh EJ, **Persky AM**. Regaining access to marginal knowledge in a classroom setting. *Appl Cogn Psychol*. May 2020. doi:10.1002/acp.3679

Steeb DR, Miller ML, Schellhase EM, Malhotra JV, **McLaughlin JE**, Dascanio SA, Haines ST. Global health learning outcomes by country location and duration for international experiences. *Am J Pharm Educ*. 2020;84(5):7682. doi:10.5688/ajpe7682

Persky AM, Fuller KA, Jarstfer M, Rao K, Rodgers JE, Smith M. Maintaining Core Values in Postgraduate Programs During the COVID-19 Pandemic. *Am J Pharm Educ*. 2020;84(6):ajpe8158. doi:10.5688/ajpe8158

Rivers ML, Dunlosky J, **Persky AM**. Measuring metacognitive knowledge, monitoring, and control in the pharmacy classroom and experiential settings. *Am J Pharm Educ*. 2020;84(5):7730. doi:10.5688/ajpe7730

Liu I, Buige A, Bulfin MP, Bulfin MP, Wingo B, **Frick A**, Harris SC. Assessment of mental health needs and barriers to care in students enrolled in doctor of pharmacy and pharmaceutical sciences programs. *Curr Pharm Teach Learn*. 2020;12(6):641-647. doi:10.1016/j.cptl.2020.01.025

Schimmelfing LC, **Persky AM**. Activating prior knowledge using multiple-choice question distractors. *Med Educ*. March 2020. doi:10.1111/medu.14162

Williams CR, Rodgers PT, **McLaughlin JE**, **Angelo TA**, Shepherd G. Comparing empathy levels in doctor of pharmacy students and exemplary pharmacist preceptors. *Am J Pharm Educ*. 2020;84(3):7497. doi:10.5688/ajpe7497

Robinson JD, **Persky AM**. Developing Self-Directed Learners. *Am J Pharm Educ*. 2020;84(3):847512. doi:10.5688/ajpe847512

Steeb DR, Miller ML, Schellhase EM, Malhotra JV, **McLaughlin JE**, Dascanio SA, Haines ST. Global health learning outcomes in pharmacy students completing international advanced pharmacy practice experiences. *Am J Pharm Educ*. 2020;84(3):7586. doi:10.5688/ajpe7586

Bush A, Amechi M, **Persky AM**. An Exploration of Pharmacy Education Researchers' Perceptions of and Experiences Conducting Qualitative Research: Challenges and Benefits. *Am J Pharm Educ*. 2020; 84(3):7129. DOI:10.5688/ajpe7129.

Dunham S, Lee E, **Persky AM**. The psychology of following instructions and implications for teaching. *Am J Pharm Educ*: 2020; ajpe7779; DOI: 10.5688/ajpe7779 .

Hughes TD, **Minshew LM**, Cutrell S, Ferreri SP. T.E.A.M.S.Work: Leveraging Technicians to Enhance ABM Med Sync in Community Pharmacies. *Pharmacy*. 2020; 8(2), 51. DOI:10.3390/pharmacy8020051.

Lyons K, **McLaughlin JE**, Wolcott MD, Grandy R, Williams CR. Teaching pharmacist preceptors the one minute preceptor method to foster students' therapeutic reasoning. *Am J Pharm Educ* (In Press, 2019).

Ma C, Hubal R, **McLaughlin JE**. Vignette element analysis for automated generation of vignettes in pharmacy education. *Educ Health Prof*. 2020; 3:22-6.

McLaughlin JE, **Wolcott M**, Hubbard D Umstead, K, Rider, TR. A qualitative review of the design thinking framework in health professions education. *BMC Med Educ*. 2019; 19, 98. DOI:10.1186/s12909-019-1528-8.

McLaughlin JE, **Minshew LM**, Gonzalez D, Lamb K, Klus N, Aubé J, Cox WC, Brouwer KLR. Can they imagine the future? A qualitative study of the skills employers seek in pharmaceutical sciences doctoral graduates. *PLoS ONE*. 2019; 14(9): e0222422. DOI: 10.1371/journal.pone.0222422.

- McLaughlin JE**, Bush AA, Friedman AD, Lai SK. Immersive research experiences for high school students aimed at promoting diversity and increasing visibility of schools of pharmacy. *Am J Pharm Educ.* 2020; 84(3), Article 7589.
- McLaughlin JE**, Bush AA, Rodgers PT, Scott MA, Zomorodi M, Roth MT. Characteristics of High-Performing Interprofessional Health Care Teams Involving Student Pharmacists. *Am J Pharm Educ.* 2020; 84(1), Article 7095.
- Minshew LM, McLaughlin JE.** Authorship considerations for publishing in pharmacy education journals. *Am J Pharm Educ.* 2019; 83(6): Article 7463.
- Morbitzer KA**, Eckel SF. Association between student characteristics and rankings when applying for a residency in health-system pharmacy administration. *Am J Health Syst Pharm.* 2019; 76(23):1944-50.
- Palmer S, Chu Y, **Persky AM.** Comparison of re-watching class recordings and retrieval practice as post-class learning strategies for long-term retention. *Am J Pharm Educ.* 2019; 83(9): Article 7217.
- Patel B, Yook G, Mislán S, **Persky AM.** Exploring Consequences on Memory of Students Knowing They Have Access to Recorded Lectures. *Am J Pharm Educ.* 2019; 83(5):6958. DOI:10.5688/ajpe6958.
- Patel B, Yook G, Mislán S, **Persky AM.** Recorded lectures as a source of cognitive off-loading. *Am J Pharm Educ.* 2019; 83(5):6793. DOI:10.5688/ajpe6793.
- Persky AM**, Dinsmore D. Metacognitive changes and sources of confidence judgements in health professions classroom learning. *Curr Pharm Teach Learn.* 2019; 11(4):338-345.
- Persky AM**, Greene J, Anksorus HA, Fuller KA, **McLaughlin JE.** Developing an Innovative, Comprehensive First-Year Capstone to Assess and Inform Student Learning and Curriculum Effectiveness. *Am J Pharm Educ.* 2019; 83(5): Article 6730.
- Persky AM**, Kang I, Cox WC, **McLaughlin JE.** An Exploration of the Relationships between Multiple Mini-Interview Scores and Personality Treat. *Am J Pharm Educ.* 2019; 83(8): Article 7240.
- Persky AM**, Lee E, Schesselman L. Perception of student learning versus performance. *Am J Pharm Educ*, 2020, Published ahead of print; ajpe7782. DOI:10.5688/ajpe7782.
- Persky AM**, Murphy K. Investigating Whether Transfer of Learning in Pharmacy Students Depends More on Knowledge Storage or Accessibility. *Am J Pharm Educ.* 2019; 83(5); Article 6730.
- Olsen AA, **McLaughlin JE**, Harpe S. Understanding and implementing multiple linear regressions in pharmacy education. *Curr Pharm Teach Learn* (In Press, 2020).
- Olsen A, **Minshew L**, Jarstfer M, **McLaughlin JE.** Exploring the future of graduate education in pharmaceutical fields. *Med Sci Educ*, 2019. DOI:10.1007/s40670-019-00882-3.
- Omary A, **Persky AM.** Study of changes in working memory performance over a semester in student pharmacists. *Am J Pharm Educ.* 2019; 11(3):7325. DOI: 10.5688/ajpe7325.
- Robinson JD, **Persky AM.** Developing Self-Directed Learners. *Am J Pharm Educ.* 2020; 84(3): Article 847512.
- Rodino AM, **Wolcott MD.** Assessing preceptor use of cognitive apprenticeship in pharmacy practice: Is the Maastricht Clinical Teaching Questionnaire (MCTQ) a useful approach? *Teach Learn Med.* 2019; 31(5):506-518. DOI:10.1080/10401334.2019.1604356. Epub 7 May 2019.
- Terenyi J, Anksorus H, **Persky AM.** Optimizing the spacing effect in the classroom setting using brand/generics. *Am J Pharm Educ.* 2019; 83(6): Article 7029.
- Wolcott MD**, Lobczowski N, Lyons K, **McLaughlin JE.** Design-based research: An iterative and practical approach in pharmacy educational intervention research. *Curr Pharm Teach Learn*, 2019; 11(3), 309-318.
- Wolcott MD**, Lupton-Smith C, Cox WC, **McLaughlin JE.** A Five-Minute Situational Judgment Test to Assess Empathy in First-Year Student Pharmacists. *Am J Pharm Educ.* 2019; 83(6): Article 6960.
- Yang B, Razo J, **Persky AM.** Testing as a learning tool. *Am J Pharm Educ.* 2019; 83(9): Article 7324.

Zeeman JM, Bush AA, Cox WC, **McLaughlin JE**. Assessing the co-curriculum by mapping student organization involvement to curricular outcomes using mixed methods. *Am J Pharm Educ*, 2019; published ahead of print, DOI:10.5688.

Leary MH, Petrovskis M, Savage SW, Pinelli NR, Pappas AL, **Morbiter KA**, Eckel SF, Rhoney DH, Rao KV. Impact of an innovative partnership in patient care between an academic medical center department of pharmacy and a school of pharmacy. *Am J Health Syst Pharm*. 2019;53(5):471-7. DOI: 10.1093/ajhp/zxz250

Examples, Podium Presentations

McLaughlin JE, Lupton-Smith C. Examples of text mining techniques for decision-support. Podium presentation at Association for Institutional Research; May 2020; New Orleans, LA. **Presented virtually due to COVID-19 pandemic.

Olsen AA, Lupton-Smith C, McLaughlin JE A systematic review of the collaboration, methodology, and dissemination of interprofessional education research. Roundtable presentation at the American Educational Research Association Annual Meeting; April 2020; San Francisco, CA. **Canceled due to COVID-19 pandemic.

Lobczowski NG, Lyons K, Greene J, **McLaughlin JE**. The formation and regulation of emotions in groups with different socioemotional experiences. Poster presentation at the American Educational Research Association Annual Meeting; April 2020; San Francisco, CA. **Canceled due to COVID-19 pandemic.

Minsheu LM, McLaughlin JE. Expert thinking and teaching practices: How do they connect? Podium presentation accepted for the American Educational Research Association; April 2020; San Francisco, California. **Canceled due to COVID-19 pandemic.

Persky AM. Multiple choice distractors to active prior knowledge, Podium presentation at the North Carolina Cognition Group Meeting, March 2020, Durham NC **Canceled due to COVID-19 pandemic

Persky AM. From Laboratory to Classroom: Using Evidence to Support Classroom Instruction (2020). SoTL Commons Conference, February 2020, Savannah, GA. <https://digitalcommons.georgiasouthern.edu/sotlcommons/SoTL/2020/126>.

White PW, **Angelo TA, McLaughlin JE**, Munday M. Revolutionising what pharmacology graduates need to know: core concepts in pharmacology education. Podium presentation at Australasian Pharmaceutical Science Association Annual Conference; December 2019; Melbourne, Australia

Wolcott MD, Meleis L. The problem with procrastination -- How to peak your productivity. Podium presentation at the American Society of Health-Systems Pharmacists (ASHP) Midyear Meeting; December 2019; Las Vegas, NV.

Wolcott MD. Thanks for the feedback. The art of giving feedback...Even when they don't ask for it. Podium presentation at the American Society of Health-Systems Pharmacists (ASHP) National Pharmacy Preceptors Conference; October 2019; Dallas, TX.

Wolcott MD, Olsen A. Do as I say AND as I do: Harnessing cognitive apprenticeship to improve teaching. Podium presentation at the American Society of Health-Systems Pharmacists (ASHP) National Pharmacy Preceptors Conference; October 2019; Dallas, TX.

Olsen A, Lupton-Smith C, Yi J, McLaughlin JE. A systematic review of interprofessional education in the health professions. Poster presentation at the American College of Clinical Pharmacists Annual Conference; October 2019; New York, NY.

Lobczowski NG, Lyons K, Greene JA, McLaughlin JE. Motivation co-construction: How students build group-level motivation in collaborative learning. Podium presentation at the biannual meeting of the European Association of Research on Learning and Instruction (EARLI); August 2019; Aachen, Germany.

McLaughlin JE, Wolcott M, Hubbard D. Wicked problems: Using design thinking for curriculum development in pharmacy education. Podium presentation at the Pharmacy Education Symposium; July 2019; Prato, Italy.

Wolcott MD, DeAngelis J. Defining preceptorship: A job analysis to describe the role of the pharmacy preceptor. Podium presentation at the Monash Pharmacy Education Symposium; July, 2019; Prato, Italy.

Minsheu LM, McLaughlin JE. Making expert thinking visible: Cognitive Apprenticeship in pharmacy education. Podium presentation at the Monash Pharmacy Education Symposium; July 2019; Prato, Italy.

Persky A, Medina M, Castleberry A. The most bang for your buck: Top 10 teaching and learning strategies for all faculty. Podium presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Smith KJ, Farland M, Flaxman C, **Wolcott M, McLaughlin JE**. Taking a leap to reliable, objective assessment of non-cognitive pharmacist attributes with situational judgement tests. Podium presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Wolcott MD, Shin J, Gruenberg K. Use it or lose it: Initiatives to improve the utility of exams. Podium presentation at the American Association of Colleges of Pharmacy (AACP) Annual Meeting; July 2019; Chicago, IL.

Lyons K, **Wolcott MD**. On the market for new SoTL methods? Come discover the latest trends in education research. Podium presentation at the American Association of Colleges of Pharmacy (AACP) Annual Meeting; July, 2019; Chicago, IL.

Harris S, Anksorus H, **Frick A**, Wernowski C, Gable K. From prevention to crisis: addressing student mental health every step of the way. Podium Presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Examples, Invited Talks

Persky AM. Active learning from theory to practice to virtual, Invited workshop to Ferris State University College of Pharmacy June 2020, Big Rapids, MI **presented virtually

Persky AM. Basics of active learning: using theory to practice. Invited workshop to Mercer University College of Pharmacy April 2020, Atlanta, GA **presented virtually

Persky AM. Using the scholarship of teaching to inform practice. Invited talk to Mercer University College of Pharmacy April 2020, Atlanta, GA **presented virtually

McLaughlin JE, Cochran G, Baker WL, Moga D, Snyder ME, Ernst M. Building effective research teams. Invited talk to American College of Clinical Pharmacists, Research and Scholarship Academy Midyear Meeting; April 2020; St Louis, MO. **Canceled due to COVID-19 pandemic.

Ernst M, **McLaughlin JE**, Cochran G, Baker WL, Moga D, Snyder ME. Statistical issues & regulatory and ethical issues. Invited talk to American College of Clinical Pharmacists, Research and Scholarship Academy Midyear Meeting; April 2020; St Louis, MO. **Canceled due to COVID-19 pandemic.

Able H, Larson J, Jordan S, **McLaughlin JE**, Shemer G. Teaching as research: Am I making a difference? Invited talk at the 2020 UNC Center for Faculty Excellence Showcase on Teaching; March 2020; Chapel Hill, NC. **Canceled due to COVID-19 pandemic.

McLaughlin JE. Entrustable professional activities. Invited talk at UNC Adams School of Dentistry; March 2020; Chapel Hill, NC. **Canceled due to COVID-19 pandemic.

Wolcott MD. Improving the Utility of Exams: Part II. Presentation at: Medical College of Wisconsin School of Pharmacy Faculty Development Session; January 2020; Milwaukee, WI.

McLaughlin JE. Evidence-based teaching practice: Rethinking pedagogy in health professions education. Invited talk at the UNC Adams School of Dentistry; January 2020; Chapel Hill, NC.

McLaughlin JE, Hahn F. Teaching adult learners. Invited talk to UNC School of Medicine Academic Medicine Rotation; December 2019; Chapel Hill, NC

Persky AM, Medina M, Castleberry A. The Most Bang for Your Buck: Top 10 Teaching and Learning Strategies for All Faculty. Webinar for: Junior Faculty Special Interest Group of AACP; November 2019; [online](#).

Wolcott MD. Improving the Utility of Exams: Part I. Presentation at: Medical College of Wisconsin School of Pharmacy Faculty Development Session; November 2019; Milwaukee, WI.

Persky AM, Bolesta S. Education Advancement through Sabbatical Leave. Webinar for: American Association of Colleges of Pharmacy; October 2019.

Hatton Kolpek J, **McLaughlin JE**, Cochran G, Kane-Gill S. Research primer (educational research in clinical pharmacy) & research basics. Invited talk to American College of Clinical Pharmacists, Research and Scholarship Academy; October 2019; New York, NY

Persky AM, Poirer T. Curricular integration: to integrate or not. Invited talk at: University of Missouri - Kansas City College of Pharmacy; August 2019; Kansas City, MO.

Example, Poster Presentations

Anksorus H, Hughes T, **Savage A**. Integration of an online pharmacy, MyDispense, into a self-care course. Poster presentation at the American Association of Colleges of Pharmacy (AACP) / Nonprescription Medicine Academy (NMA) 2020 Conference; May 2020; Cincinnati, Ohio. **Canceled due to COVID-19 pandemic.

Coste Sanchez C, McLaughlin JE, Corbat J, Lai S. Immersive Pharmaceutical Sciences Research Training Program for High School Student: Reflection of 3 cohorts (2017-2019). Poster presentation at the Annual ESOP Pharmaceutical Sciences Research & Graduate Education Retreat; February 2020; Chapel Hill, NC.

Persky AM, Oxley M. Use of concept mapping activity to enhance pharmacy student metacognition and comprehension of fundamental disease state knowledge. Poster presentation at the American Society of Health-System Pharmacists Mid-Year Meeting; December 2019; Las Vegas, NV.

Persky AM, Kodweis K. Comparison of worked examples to practice to optimize learning of clinical note writing. Poster presentation at the American Society of Health-System Pharmacists Mid-Year Meeting; December 2019; Las Vegas, NV.

Persky AM, Lee E. Perception of learning versus performance as outcome measures of educational research. Poster presentation at the American Society of Health-System Pharmacists Mid-Year Meeting; December 2019; Las Vegas, NV.

Hughes T, Cutrell S, **Minshew LM**, Brown P, Ferreri S. Implementing medsync services in community pharmacy using framework analysis. Poster presentation at the 12th annual conference of the Science of Dissemination and Implementation in health (D&I). December 2019; Arlington, VA.

Yi JX, Morbitzer KA, Minshew LM, McLaughlin JE. What's in a capstone? A review of capstones in pharmacy education. Poster presentation at the American College of Clinical Pharmacy Annual Meeting; October 2019; New York, New York.

Morbitzer KA, McLaughlin JE, Olsen AA, Zhang Q, Dumond J, Carpenter C, Ozawa S, Smith P, Bush A, Pomykal C, Lee CR. Implementation and initial evaluation of an innovative approach to research and scholarship training in pharmacy education. Poster presentation at the American College of Clinical Pharmacy Annual Meeting. October 2019; New York, New York.

Bobbit L, McLaughlin JE. The evolution of prepharmacy: How prerequisites have changed over the last decade. Poster presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Dorszynski A, Ton M, Mintz A, Lee E, Jarstfer M, **McLaughlin JE**. Virtual Pharmacopedia: Analysis of student-developed expert-reviewed modules for PharmD curricular expansion. Poster presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Ma C, Hubard R, **Kazim T, McLaughlin JE**. Case element analysis for automated generation of cases in pharmacy education. Encore poster presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

McLaughlin JE, Olsen AA, Bush AA, Zeeman, JM. Does your teaching count? A frequency-based instrument for peer evaluations of teaching. Poster presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Minshew LM, Williams C, **McLaughlin JE**. How may we help you? Experiential education administrators' solutions to common preceptor and student issues. Poster presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Minshew LM, McLaughlin JE, Aubé J, Cox WC, Gonzalez D, Lamb K, Klus NJ, Brouwer KLR. What employers want: Identifying necessary skills in pharmaceutical sciences graduates. Poster presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Morbitzer K, Yi J, Minshew LM, McLaughlin JE. Describing the use of capstone assessments within pharmacy education. Poster presentation at the Pharmacy Education Symposium; July 2019; Prato, Italy.

Olsen AA, McLaughlin JE, Brouwer KLM, Nicolazzo JA, Thompson PE, Porter CJH, Schorge S, Phillips AK. Content analysis of three graduate school curricula in the pharmaceutical sciences. Poster presented at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Olsen AA, Minshew LM, McLaughlin JE. PharmCasting the future of pharmaceutical sciences and pharmacy education. Poster presented at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Wolcott M, Lobczowski NG, Zeeman J, **McLaughlin JE**. What were you thinking? Student and pharmacist situational judgments about empathy. Poster presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Minshew LM, McLaughlin JE, Aubé J, Cox WC, Gonzalez D, Lamb K, Klus NJ, Brouwer KLR. What employers want: Identifying necessary skills in pharmaceutical sciences graduates. Poster presentation at the American Association of Colleges of Pharmacy Annual Meeting; July 2019; Chicago, IL.

Morbitzer K, Yi J, Minshew LM, McLaughlin JE. Describing the use of capstone assessments within pharmacy education. Poster presentation at the Pharmacy Education Symposium; July 2019; Prato, Italy.

Morbitzer KA, Eckel SF. Pharmacy student characteristics associated with successful acceptance into a pharmacy post-graduate training program. Poster presentation at the 10th Biennial Monash Pharmacy Education Symposium. July 2019; Prato, Italy.

Minshew LM, McLaughlin JE. Making expert thinking visible: Cognitive Apprenticeship in pharmacy education. Poster presentation at the 10th Biennial Monash Pharmacy Education Symposium. July 2019; Prato, Italy.

Wolcott MD, Lobczowski NG, Olsen A, Anksorus HN. Escape the norm: Escape rooms for learner engagement and collaboration. Poster presentation at the Monash Pharmacy Education Symposium; July 2019; Prato, Italy.

Wolcott MD, Rodino A. Assessing preceptor use of cognitive apprenticeship: Is the Maastricht Clinical Teaching Questionnaire appropriate? Poster presentation at the American Association of College of Pharmacy Annual Meeting; July 2019; Chicago, IL.

CIPhER Grants and Awards

Examples, Grants

McLaughlin (Co-I), NIGMS T32 Administrative Supplement to Enhance Program Evaluation Capacity. July 2020-June 2021. Total funding \$80,000. Brouwer, KLR (co-PI) and Watkins, P (co-PI). .

Wolcott MD (PI), McLaughlin JE (Co-I), Olsen A (Co-I). Anything Grows: Design of an Intervention to Promote a Growth Mindset Across PharmAlliance Institutions. PharmAlliance Tier A Grant. October 2019–October 2021.

Wolcott MD (Co-PI). Experiential Teaching Assistant: A Preceptor's Rapid Resource for Clinical Teaching. UNC Eshelman Institute of Innovation Translational Tier 1 Grant. July 2019–July 2020.

McLaughlin JE (PI), Minshew LM (postdoctoral fellow). Making expert thinking visible: Cognitive Apprenticeship in pharmacy education. American Association of Colleges of Pharmacy SOTL Grant. June 2019- May, 2020.

McLaughlin JE (Co-I). NextGen training of pharmaceutical scientists: Mentoring professional development cohorts to increase interdisciplinary training. UNC – The Graduate School. April 2019-April 2022. Jarstfer M (PI).

Olsen A (PI), McLaughlin JE (Co-I). Collaboration in graduate student professional development and training. PharmAlliance Grant. January 2019-December 2019.

Persky AM (PI). Use of worked examples and problem solving to teach clinical note writing. American Associate of Colleges of Pharmacy. August 2018-July 2019.

McLaughlin JE (Co-I). Medical learning through machine learning (ML2). U.S. Department of Defense, Funding Opportunity Number: W81XWH-17-R-MS11. January 2018-December 2020. Heneghan J (PI).

Examples, Awards/Honors

Minshew LM, McLaughlin JE, Aubé J, Cox W, Gonzalez D, Lamb K, Klus N, Brouwer KLR. What Employers Want: Identifying Necessary Skills in Pharmaceutical Science Graduates. *American Association of Colleges of Pharmacy*. 2019. Social and Administrative Section, Best Poster.

Rhodes L, Marciniak M, **McLaughlin, JE**, Melendez C, Leadon K, Pinelli N. (Exploratory analysis of entrustable professional activities as a performance measure during early practice experiences in a doctor of pharmacy program. **Finalist, 2020 Rufus A. Lyman Award for best paper published in American Journal of Pharmaceutical Education.**