

JACQUELINE “JACQUI” MCLAUGHLIN

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EDUCATION

Doctor of Philosophy, Educational Research and Policy Analysis

North Carolina State University, May 2012

An Examination of the Influence of Institutional Context on Academic Progress Rates at Division I Institutions: A Multilevel Approach

Dissertation Committee Chair: Dr. Tamara V. Young

Master of Science, Biomedical Engineering

University of Memphis, May 2002

Experimental Tachycardias in Genetically Altered Mice

Bachelor of Science, Biological Engineering

North Carolina State University, May 1999

Concentration: Biomedical Engineering

PROFESSIONAL EXPERIENCE

Assistant Professor, *University of North Carolina, Chapel Hill, NC, 2013 – present*

UNC Eshelman School of Pharmacy

Work independently and collaboratively on educational innovation and research concerning pharmacy, health professions, and higher education. Identify grant opportunities, design and implement studies, prepare manuscripts for publication, and present findings at regional and national conferences. Serve as a faculty mentor for doctor of pharmacy students, graduate students and postgraduate fellows and residents.

Director of Educational Research, Center for Pharmacy Innovation in Education and Research (CIPhER), *University of North Carolina, Chapel Hill, NC, 2017 – present*

UNC Eshelman School of Pharmacy

Design, coordinate, and lead programs aimed at promoting educational research in the health professions; build partnerships within and beyond UNC that extend the scope and impact of educational research; lead the development of a research agenda designed to advance pharmacy education as an innovator and leader; document, evaluate, and communicate the research and scholarly activities and achievements promoted and supported by CIPhER and the School; and mentor CIPhER-supported fellows and students.

Adjunct Research Professor, *UNC School of Education, Chapel Hill, NC, 2016 – present*

Advise and mentor graduate students in the Learning Sciences & Psychological Studies program, oversee research projects by graduate students conducted in the UNC Eshelman School of Pharmacy, serve on faculty search committees, participate in bi-weekly seminars.

Director, Office of Strategic Planning and Assessment, *University of North Carolina, Chapel Hill, NC, 2013 (Associate Director) – 2017; promotion to Director in July 2014*

UNC Eshelman School of Pharmacy

Directed all aspects of the Office of Strategic Planning and Assessment at the UNC Eshelman School of Pharmacy. Designed and implemented instruments for assessment and evaluation, oversaw survey management, administered course evaluations, facilitated faculty activity reporting, collected and compiled benchmarking data, conducted data analyses, prepared reports, and contributed to policy development.

Post-Doctoral Fellow, *University of North Carolina, Chapel Hill, NC, 2012-2013*

Assisted in all aspects of the Office of Strategic Planning and Assessment at the UNC Eshelman School of Pharmacy. Designed and implemented instruments for assessment and evaluation, identified grant

opportunities, prepared manuscripts for publication, collaborated on educational research studies, conducted data analyses, and contributed to policy development.

Teaching Assistant, North Carolina State University, Raleigh, NC, 2011-2012

ED 711: Advanced Quantitative Methods

ELP 780: Evaluation Theory and Research

Department of Leadership, Policy and Adult and Higher Education: Assisted faculty with course preparation and grading. Designed rubrics and presented material on logic models, evaluator bias, data analysis, and quantitative methodology.

Research Assistant, Midwestern University, Glendale, AZ, 2011-2012

Conducted research examining the impact of financial literacy education. Designed and conducted surveys, led focus groups, and collected financial aid data. Analyzed data using quantitative and qualitative research methods. Findings presented at annual conference and used to inform practice.

Consultant, Kaplan-Devries, Greensboro, NC, 2005

Collaborated with colleagues to analyze data for the development of a new leadership measure. Conducted statistical analyses to identify trends in data.

Research Assistant, University of Memphis, Memphis, TN, 1999-2002

Using quantitative research methods, designed and carried out studies to investigate fibrillation and heart rate variability. Built instrumentation and wrote LabView programming. Conceptualized and manufactured instrumentation for use in pediatrics.

HONORS

2017	Emerging Scholar of Teaching and Learning Award, American Association of Colleges of Pharmacy
2017	Excellence in Assessment Award, American Association of Colleges of Pharmacy
2016, 2015	Worthy of Recognition (for Teaching Excellence), UNC Eshelman School of Pharmacy
2017, 2016, 2015	Academic Excellence Award, UNC Eshelman School of Pharmacy
2015	First Place (Office of Strategic Planning and Assessment), Best Institutional E-Factbook, Southern Association of Institutional Research
2011	First Place & People's Choice Award, "The Academic Progress Rate and NCAA Basketball: Measuring Institutional Effects." NC State Department of Leadership, Policy, Adult and Higher Education Poster Symposium
2002	First Place, "Experimental Tachycardias in Mice Lacking VLCAD." Tennessee Biomedical Engineering Conference
1999-2001	Herff College of Engineering Fellowship Recipient
1999, 1997	National Science Foundation Research Experience for Undergraduates

BIBLIOGRAPHY (h-index 12; i10-index 12; i100-index 3; citations 1046)

Books and Chapters (*Corresponding Author, †Student Author, ‡Postdoctoral Fellow)

1. *McLaughlin, G.W., McLaughlin, J.S., and **McLaughlin, J.E.** (2018). Higher education institutional rankings: Evaluating their credibility for branding and marketing. In Papadimitriou, A. (Ed.), *Competition in Higher Education Branding and Marketing: National and Global Perspectives*. Palgrave Macmillan.
2. ***McLaughlin, J.E.**, Roth, M.T., and Mumper, R. J. (2015). The flipped classroom: Making time for strategic active learning. In Fornari, A. and Poznanski, A. (Eds.), *Active Learning Strategies for Large Classroom Sessions* (pp. 14-20). International Association of Medical Science Educators. JulNet Solutions.

3. *McLaughlin, G.W., **McLaughlin, J.E.**, and McLaughlin, J.S. (2013). Diversity indices: Research on metrics for measuring diversity in US higher education. In Huber, N., Pohlenz, P., and Krempkow, R. (Eds.), *Diversity in Science* (pp. 185-204). Berlin: UVW-Verlag.

Refereed Papers (*Corresponding Author, †Student Author, ‡Postdoctoral Fellow)

1. †Wolcott, M., †Zeeman, J.M., Cox, W.C., and ***McLaughlin, J.E.** (In Press, 2017). Evaluating the multiple mini interview as a formative assessment in the first year of a health professions curriculum. *BMC Medical Education*.
2. *Perksy, A.M., and **McLaughlin, J.E.** (In Press, 2017). Troubleshooting the flipped classroom in medical education: Common challenges and lessons learned. *Medical Science Educator*.
3. †Mann, J., Amerine, L., Waldron, K., †Wolcott, M. and ***McLaughlin, J.E.** (In Press, 2017). Pharmacist perceptions of competency: Identifying priority areas for a competency program development at an academic medical center. *Research in Social and Administrative Pharmacy*.
4. *Persky, A.M., Greene, J.M., Anksorous, H., Fuller, K.A., and **McLaughlin, J.E.** (In Press, 2017). Developing an innovative, comprehensive, first-year capstone to assess and inform student learning and curriculum effectiveness. *American Journal of Pharmacy Education*. Published Ahead of Print: <http://www.ajpe.org/doi/pdf/10.5688/ajpe6730>
5. ***McLaughlin, J.E.**, Kennedy, L., Garris, S., Harris, S., Hillman, A., Pinelli, N.R., and Rhoney, D.H. (2017). Student pharmacist experiences as inpatient psychiatry medication education group leaders during an early immersion program. *Currents in Pharmacy Teaching and Learning*, doi: <http://dx.doi.org/10.1016/j.cptl.2017.06.005>
6. †Sanders, K.A., **McLaughlin, J.E.**, Waldron, K., Willoughby, I., and *Pinelli, N. (In Press, 2017). Educational outcomes associated with early immersion of second-year student pharmacists into direct patient care roles in health-system practice. *Currents in Pharmacy Teaching and Learning*.
7. ***McLaughlin, J.E.**, †Singer, D., and Cox, W.C. (2017). Candidate evaluation using targeted construct assessment in the multiple mini interview: A Multifaceted Rasch Model analysis. *Teaching and Learning in Medicine*, 29(1), 68-74.
8. *Pinelli, N.R., **McLaughlin, J.E.**, Chen, S., Luter, N.D., †Arnall, J., et al. (2017). Improved organizational outcomes associated with incorporation of early clinical experiences for second year student pharmacists at an academic medical center. *Journal of Pharmacy Practice*, 30(1), 99-108.
9. †Sanders, K.A., †Wolcott, M.D., **McLaughlin, J.E.**, †D'Ostrph, A., Shea, C.M., *Pinelli, N.R. (2017). Organizational readiness for change: Preceptor perceptions regarding early immersion of student pharmacists in health-system practice. *Research in Social and Administrative Pharmacy*, 13(5), 1028-1035.
10. *Pinelli, N.R., **McLaughlin, J.E.**, †Khanova, J., Eckel, S., Vu, M., Weinberger, M., and Roth, M.T. (In Press, 2017). Identifying the presence of cognitive apprenticeship in the layered learning practice model. *American Journal of Pharmaceutical Education*.
11. ***McLaughlin, J.E.**, and †Kang, I. (2017). A flipped classroom model for a biostatistics short course. *Statistics Education Research Journal*, 16(2), 441-453.
12. †Bush, A.A., ***McLaughlin, J.E.**, and †Buhlinger, K. (2017). Identifying shared values for school-affiliated student organizations. *American Journal of Pharmaceutical Education*, 81(9), Article 6076.

13. ***McLaughlin, J.E.**, †Khanova, J., Persky, A., Hathaway, N., and Cox, W.C. (2017). Design, implementation, and outcomes of a three week pharmacy bridging short course. *American Journal of Pharmaceutical Education*, 81(7), Article 6313.
14. †Zeeman, J., ***McLaughlin, J.E.**, and Cox, W.C. (In Press, 2017). Validity and reliability of an application review process using dedicated reviewers. *Currents in Pharmacy Teaching and Learning*.
15. †Lyons, K., Taylor, D., †Minschew, L., and ***McLaughlin, J.E.** (In Press, 2017). Student and school-level predictors of residency attainment. *American Journal of Pharmaceutical Education*.
16. *White, P.J., Naidu, S., Yuriev, E., Short, J.L., **McLaughlin, J.E.**, and Larson, I.C. (2017). Student engagement with a flipped classroom teaching design affects pharmacology examination performance in a manner dependent on question type. *American Journal of Pharmaceutical Education*, 81(9), Article 5931.
17. *Persky, A. and **McLaughlin, J.E.** (In Press, 2017). The flipped classroom: From theory to practice in health professions education. *American Journal of Pharmaceutical Education*.
18. †Rhodes, L., Marciniak, M., **McLaughlin, J.E.**, †Melendez, C., and *Pinelli, N.R. (In Press, 2017). Exploratory Analysis of Entrustable Professional Activities as a performance measure during early practice experiences in a Doctor of Pharmacy program. *American Journal of Pharmaceutical Education*.
19. ***McLaughlin, J.E.**, †Bush, A.A., Rodgers, P.T., Scott, M.A., Zomorodi, M., Pinelli, N.R., and Roth, M.T. (2017). The “Jobs-to-be-Done” in Pharmacy: Understanding the requisite skills and competencies for contemporary healthcare. *American Journal of Pharmaceutical Education*, 81(6), Article 116.
20. †Bush, A.A., ***McLaughlin, J.E.**, and White, C. (2017). A review of contemporary diversity literature in pharmacy education. *American Journal of Pharmaceutical Education*, 81(7), Article 5961.
21. †Friedman, A., Bush, A., †Melendez, C., Lai, S., and ***McLaughlin, J.E.** (In Press, 2017). The Young Innovators Program at the Eshelman Institute for Innovation: A Case Study Examining the Role of a Professional Pharmacy School in Enhancing STEM Pursuits Among Secondary School Students. *International Journal of STEM Education*.
22. †Lyons, K., ***McLaughlin, J.E.**, †Khanova, J., and Roth, M.T. (2017). Cognitive apprenticeship in health sciences education: a qualitative review. *Advances in Health Sciences Education*, 22(3), 723-739.
23. *Scott, M.A., **McLaughlin, J.E.**, Shepherd, G., Williams, C., †Zeeman, J., and Joyner, P. (2016). Professional organizations for pharmacy students on satellite campuses. *American Journal of Pharmaceutical Education*, 80(5), Article 78.
24. *Bates, J., Buie, L.W., †Lyons, K., Rao, K., Pinelli, N., **McLaughlin, J.E.**, et al. (2016). A study of layered learning in oncology. *American Journal of Pharmaceutical Education*, 80(4), Article 68.
25. ***McLaughlin, J.E.**, White, P.J., †Khanova, J., and Yuriev, E. (2016). Flipped classroom implementation: A case report of two higher education institutions in the United States and Australia. *Computers in the Schools*, 33(1), 24-37.
26. †Shah S., ***McLaughlin, J.E.**, Eckel, S.F., Mangun, J., and Hawes, E. (2016). Evaluating the quality of competency assessment in pharmacy: A framework for workplace learning. *Pharmacy*, 4(4), doi:10.3390/pharmacy4010004.

27. ***McLaughlin, J.E.**, McLaughlin, G.W., McLaughlin, J.S., and White, C.Y. (2016). Using Simpson's diversity index to examine multidimensional models of diversity in health professions education. *International Journal of Medical Education*, 7, 1-5.
28. †Frick, A., Benton, C., Scolaro, K., **McLaughlin, J.E.**, Bradley, C.L., Suzuki, O.T., Wang, N., and *Wiltshire, T. (2016). Changes in student pharmacists' attitudes and self-perceived competence following the use of direct-to-consumer personal genotyping and educational interventions on pharmacogenomics. *Frontiers in Pharmacology*, 7, Article 241.
29. ***McLaughlin, J.E.**, †Bush, A.A., and †Zeeman, J. (2016). Mixed methods: Expanding research methodologies in pharmacy education. *Currents in Pharmacy Teaching and Learning*, 8, 715-721.
30. *Williams, C.R., **McLaughlin, J.E.**, Cox, W.C., and Shepherd, G. (2016). Relationship between student pharmacist decision-making preferences and experiential learning. *American Journal of Pharmaceutical Education*, 80(7), Article 119.
31. †Singer, D., ***McLaughlin, J.E.**, and Cox, W.C. (2016). The multiple mini-interview as an admission tool for a PharmD program satellite campus. *American Journal of Pharmaceutical Education*, 80(7), Article 121.
32. †Khanova, J., **McLaughlin, J.E.**, Rhoney, D. H., Roth, M. T., and *Harris, S. (2015). Student perceptions of a flipped pharmacotherapy course: Lessons learned and design considerations. *American Journal of Pharmaceutical Education*, 79(9), Article 140.
33. ***McLaughlin, J.E.**, Poppe, L.B., Chen, S., Luter, D.N., †Arnall, J., et al. (2015). Early clinical immersion experiences for second year student pharmacists at an academic medical center. *American Journal of Pharmaceutical Education*, 79(9), Article 139.
34. †Khanova, J., Roth, M.T., Rodgers, J.E. and ***McLaughlin, J.E.** (2015). Student experiences across multiple flipped classrooms in a single curriculum. *Medical Education*, 49, 1038-1048.
35. ***McLaughlin, J.E.**, and Rhoney, D.H. (2015). Comparison of pre-class preparatory learning tools: Findings from a flipped neurology lecture. *Currents in Pharmacy Teaching & Learning*, 7(1), 12-19.
36. **McLaughlin, J.E.**, †Gharkholonareh, N., †Khanova, J., Deo, Z., and *Rodgers, J.E. (2015). Blended learning in cardiovascular pharmacotherapy: Student engagement, performance, and perception. *American Journal of Pharmaceutical Education*, 79(2), Article 24.
37. *Cox, W.C., **McLaughlin, J.E.**, †Singer, D., Lewis, M., and Dinkins, L. (2015). Development and assessment of the multiple mini-interview in a school of pharmacy admissions model. *American Journal of Pharmaceutical Education*, 79(4), Article 53.
38. *Hillman, A. Kennedy, L., Garris, S., **McLaughlin, J.E.**, and Rhoney, D. H. (2015). Stigmatizing beliefs: How leading patient medication education groups on an inpatient psychiatric unit impacts pharmacy learners. *Mental Health Clinician*, 5(4), 162-168.
39. ***McLaughlin, J.E.**, McLaughlin, G.W., and McLaughlin, J.S. (2015). Using composite metrics to measure student diversity in higher education institutions. *Journal of Higher Education Management and Policy*, 37(2), 222-240.

40. ***McLaughlin, J.E.**, †Khanova, J., Scolaro, K., Rodgers, P.T., and Cox, W.C. (2015). Limited predictive utility of admissions scores and objective structured clinical examinations for clinical performance. *American Journal of Pharmaceutical Education*, 79(6), Article 84.
41. **McLaughlin, J.E.**, Roth, M.T., †Glatt, D.M., †Gharkholonareh, N., Davidson, C.A., †Griffin, L.M., Esserman, D.A., and *Mumper, R.J. (2014). The flipped classroom: A Course redesign to foster learning and engagement in a health professions school. *Academic Medicine*, 89(2), 236-243.
42. **McLaughlin, J.E.**, Cox, W.C., Williams, C.R., and *Shepherd, G. (2014). An Examination of rational and experiential decision making among student pharmacists. *American Journal of Pharmaceutical Education*, 78(6): Article 120.
43. *Cox, W.C., and **McLaughlin, J.E.** (2014). Association of Health Sciences Reasoning Test scores with academic and experiential performance. *American Journal of Pharmaceutical Education*, 78(4), Article 73.
44. ***McLaughlin, J.E.**, Dean, M.J., Mumper, R.J., Blouin, R.A., and Roth, M.T. (2013). A Roadmap for educational research in pharmacy. *American Journal of Pharmaceutical Education*, 77(10), Article 218.
45. **McLaughlin, J.E.**, †Griffin, L.M., Esserman, D.A., Davidson, C.A., †Glatt, D.M., Roth, M.T., †Gharkholonareh, N., and *Mumper, R.J. (2013). The flipped satellite classroom: Student engagement, performance, and perception. *American Journal of Pharmaceutical Education*, 77(9), Article 196.
46. *McLaughlin, J.S., †**McLaughlin, J.E.**, and Elaydi, R. (2013). Ian Macneil and relational contract theory: Evidence of impact. *Journal of Management History*, 20(1), 44-61.
47. Exil, V.J., Roberts, R.L., Sims, H., †**McLaughlin, J.E.**, Malkin, R.A., Gardner, C.D., Ni, G., Rottman, J.N., and Strauss, A.W. (2003). Very-Long-Chain Acyl-Coenzyme A Dehydrogenase Deficiency in Mice. *Circulation Research*, 93(5), 448-55.
48. Barros, A.K., †**McLaughlin, J.E.**, Ohnishi, N., and Malkin, R.A. (2001). Analysis of the murine heart rate variability obtained through plethysmograph power spectrum. *Computers in Cardiology*, 28, 661-662.

Refereed Presentations and/or Abstracts

1. **McLaughlin, J.E.**, Bush, A.A., Romanelli, F., and Persky, A.M. (July, 2018). Winner takes all: Debating the merits of quantitative and qualitative research. To be Presented at the American Association of Colleges of Pharmacy Annual Meeting, Boston, MA.
2. Zeeman, J., Medina, M., Castleberry, A., Franks, A., and **McLaughlin, J.E.** (July, 2018). Expanding Your Assessment Toolkit: Selection, Identification, and Evaluation of Social, Behavioral, and Professional Competency Assessment. To be Presented at the American Association of Colleges of Pharmacy Annual Meeting, Boston, MA.
3. Alston, G., Nguyen, M., Cox, W.C., and **McLaughlin, J.E.** (July, 2018). Evidence-based admissions: the search for the best applicants.” To be Presented at American Association of Colleges of Pharmacy Annual Meeting, Boston, MA.
4. Lobczowski, N., Lyons, K., **McLaughlin, J.E.**, Greene, J.A. (April, 2018). Scaffolding self-, co-, and socially-shared-regulation of future learning: Affordances of learning analytics dashboards. To be Presented at American Education Research Association Annual Meeting, New York, NY.

5. Kang, I., Persky, A., **McLaughlin, J.E.**, and Cox, W.C. (December, 2017). The relationship between personality factors and scores on the multiple mini interview. Presented at the American Society of Health-System Pharmacists Midyear Meeting, Orlando, FL.
6. McMinn, R., Councill, J., **McLaughlin, J.E.**, and Scott, M.A. (December, 2017). The impact of a pharmacy student-led symposium on leadership and professional development. Presented at the American Society of Health-System Pharmacists Midyear Meeting, Orlando, FL.
7. Rhodes, L., Melendez, C., **McLaughlin, J.E.**, Marciniak, M., and Pinelli, N. (October, 2017). Assessing the implementation fidelity of an immersive early pharmacy practice experience in a Doctor of Pharmacy curriculum. Presented at the American College of Clinical Pharmacy Annual Meeting, Phoenix, AZ.
8. Lobczowski, N., Lyons, K., **McLaughlin, J.E.**, and Greene, J. (August, 2017). Socially shared metacognition in a project based learning environment: a comparison study. Presented at the European Association for Research in Learning and Instruction conference, Tampere, Finland.
9. **McLaughlin, J.E.**, Rhoney, D., Zeeman, J. (July, 2017). A program evaluation and research methods curriculum to prepare future pharmacy leaders for practice-based improvement initiatives. Presented at the Monash Pharmacy Education Symposium, Prato, Italy.
10. **McLaughlin, J.E.**, White, P.J., Melendez, C., Galbraith, K.J., Kirkpatrick, C.M., Larson, I. (July, 2017). Global perspectives about organizational readiness for change in pharmacy education. Presented at the Monash Pharmacy Education Symposium, Prato, Italy.
11. Bush, A.A., Short, J., **McLaughlin, J.E.** (July, 2017). Ensuring access to quality education in pharmacy for all students. Presented at the Monash Pharmacy Education Symposium, Prato, Italy.
12. **McLaughlin, J.E.**, Singleton, S.F. (July, 2017). Leveling the Playing Field: A 3-Week Pharmacy Bridging Course for Incoming Students. Presented at the American Association of Colleges of Pharmacy Annual Conference, Nashville, TN.
13. Bush, A.A., **McLaughlin, J.E.**, and Buhlinger, K. (July, 2017). *A Process for Reaching Consensus on Shared Values for Student Organizations*. Presented at the American Association of Colleges of Pharmacy Annual Conference, Nashville, TN.
14. Lyons, K.L., **McLaughlin, J.E.**, Taylor, D., and Minshew, L. (July, 2017). Student and school-level predictors of pharmacy residency attainment. Presented at the American Association of Colleges of Pharmacy Annual Conference, Nashville, TN.
15. Darley, B.A., Logan, L.D., **McLaughlin, J.E.**, and Pinelli, R. (July, 2017). Establishing a Mutually Beneficial Student Medication Reconciliation Service IPPE at a Community Hospital. Presented at the American Association of Colleges of Pharmacy Annual Conference, Nashville, TN.
16. **McLaughlin, J.E.**, Todd, A., Zhang, K., Bush, A., and Hawke, R. (July 2017). Graduate student activity report: metrics for academic productivity. Presented at the American Association of Colleges of Pharmacy Annual Conference, Nashville, TN.
17. Macary, M., Pinelli, N., **McLaughlin, J.E.** (July, 2017). Setting Standards for Assessment of Student Learning and Skill Development in Experiential Education. Presented at the American Association of Colleges of Pharmacy Annual Conference, Nashville, TN.

18. Persky, A.M., Romanelli, R., **McLaughlin, J.E.**, Bush, A. (July, 2017). Building better pedagogic research: laying the foundation for the scholarship of teaching and learning. Presented at the American Association of Colleges of Pharmacy Annual Conference, Nashville, TN.
19. Brock, T., Ferrone, M., Bates, I., **McLaughlin, J.E.**, Steeb, D., Holle, L., et al. (July, 2017). A 'Rosetta Stone' for pharmacy education – a global language and shared vision for collaboration. Presented at the American Association of Colleges of Pharmacy Annual Conference, Nashville, TN.
20. Angelo, T.A., Cox, W.C., Fravel, M.A., **McLaughlin, J.E.**, Ray, M.E., and Zeeman, J.M. (July, 2017). Mapping matters: Practical lessons learned using curriculum mapping for program assessment, improvement, and accreditation. Presented at the American Association of Colleges of Pharmacy Annual Conference, Nashville, TN.
21. McLaughlin, G.W., McLaughlin, J.S., and **McLaughlin, J.E.** (July, 2017). Composite measures: A method for building and measuring quality. Presented at Association for Institutional Research, Washington DC.
22. Rider, T., and **McLaughlin, J.E.** (June, 2017). Education strategies in design and pharmacy: A conceptual framework for collaboration. Presented at ARCC Architecture of Complexity, Salt Lake City, UT.
23. **McLaughlin, J.E.**, Rhodes, L., Melendez, C., Marciniak, M., and Pinelli, N. (May, 2017). Immersion fidelity in pharmacy education practice experiences. Presented at the Carolina Improvement Science Initiative, Chapel Hill, NC.
24. Bush, A.A., **McLaughlin, J.E.**, White, C. (March, 2017). An innovative framework to review and categorize diversity-related literature in health professions. Presented at the North Carolina Alliance for Health Professions Diversity Conference.
25. Rhodes, L., Macary, M., Tucker, J., **McLaughlin, J.E.**, Leadon, K., and Pinelli, N.R. (October, 2016). Assessing the use of entrustable professional activities during early practice experiences in a doctor of pharmacy program. Presented at the American College of Clinical Pharmacists, Hollywood, FL.
26. **McLaughlin, J.E.** et al. (October, 2016). Early clinical immersion as inpatient psychiatry medication education group leaders. Presented as an encore presentation at American College of Clinical Pharmacists, Hollywood, FL.
27. Zeeman, J.M., Bush, A.A., **McLaughlin, J.E.**, Wingo, B., Cox, W.C., and Buhlinger, K. (October, 2016). Mapping student development opportunities through co-curricular involvement to program outcomes. Presented at the Assessment Institute, Indianapolis, IN.
28. McLaughlin, G.W., McLaughlin, J.S., and **McLaughlin, J.E.** (September, 2016). Building quality composite indicators to support quality partnerships. Presented at the European Association for Institutional Research Annual Forum, Birmingham, UK.
29. **McLaughlin, J.E.**, Bush, A.A., Scott, M.A., Rodgers, P.T., Zomorodi, M., and Roth, M.T. (July, 2016). Understanding the job to be done by pharmacy graduates. Presented at the American Association of Colleges of Pharmacy Annual Conference, Anaheim, CA.
30. Zeeman, J.M., **McLaughlin, J.E.**, and Cox, W.C. (July, 2016). Validity and reliability of a PharmD application review process utilizing dedicated application reviewers. Presented at the American Association of Colleges of Pharmacy Annual Conference, Anaheim, CA.

31. Williams, C., **McLaughlin, J.E.**, Rodgers, P.T., Leadon, K.I., and Khanova, J. (July, 2016). Advanced Pharmacy Practice Experiences and Leadership: Patterns of preceptor confidence and student engagement. Presented at the American Association of Colleges of Pharmacy Annual Conference, Anaheim, CA.
32. Costelloe, M., White, P., Bates I., Brock, T. et al (July, 2016). It's a Small World - A Model for Meaningful and Sustainable Global Pharmacy Education Collaboration. Presented at the American Association of Colleges of Pharmacy Annual Conference, Anaheim, CA.
33. Greene, J.M., Khanova, J., Jay, M., and **McLaughlin, J.E.** (July, 2016). Quality by Design (QbD) in the classroom: Identifying critical quality attributes for the flipped classroom. Presented at the American Association of Colleges of Pharmacy Annual Conference, Anaheim, CA.
34. Sanders, K.A., Wolcott, M.D., D'Ostroph, A., Shea, C.M., **McLaughlin, J.E.**, and Pinelli, N.R. (July, 2016). Organizational readiness for early immersion of student pharmacists in healthy-system practice. Presented at the American Association of Colleges of Pharmacy Annual Conference, Anaheim, CA.
35. Bush, A.A., Zeeman, J.Z., et al. (July, 2016). Identifying skills gained through student participation in student organizations. Presented at the American Association of Colleges of Pharmacy Annual Conference, Anaheim, CA.
36. **McLaughlin, J.E.**, Zhang, K., McLaughlin, G.W., and McLaughlin, J.S. (June, 2016). Institutional rankings in the health sciences: Proliferation and standards. Presented at the Association for Institutional Research Annual Forum, New Orleans, LA.
37. Zhang, K., **McLaughlin, J.E.**, and Jaeger, A. (June, 2016). Time-to-degree: A multilevel model of health sciences using national data. Presented at the Association for Institutional Research Annual Forum, New Orleans, LA.
38. McLaughlin, G.W., **McLaughlin, J.E.**, Whalen, S., Howard, R., and McLaughlin, J.S. (June, 2016). Measuring the success of transfer students: A new metric evaluated. Presented at the Association for Institutional Research Annual Forum, New Orleans, LA.
39. Lookabill, S.K, **McLaughlin, J.E.**, and Shepherd, G. (April, 2016). Survey evaluation of rational and experiential decision making preferences in specialists in poison information. Poster presentation at Research in Education and Practice Symposium at the UNC Eshelman School of Pharmacy.
40. Bush, A.A., **McLaughlin, J.E.**, and White, C.Y. (April, 2016). A systematic review of contemporary diversity literature in pharmacy education. Presented at the American Educational Research Association Annual Meeting, Washington, D.C.
41. **McLaughlin, J.E.**, McLaughlin, J.S., and McLaughlin, G.W. (October, 2015). Aligning program-level assessment with course redesign. Presented at the Southern Association for Institutional Research Annual Conference, Savannah, GA.
42. Lookabill, S., Shepherd, G., and **McLaughlin, J.E.** (October, 2015). Survey evaluation of rational and experiential decision making preferences in specialists of poison information. Presented at the North American Congress of Clinical Toxicology Annual Meeting, San Francisco, CA.
43. Sanders, K.A., Waldron, K., Willoughby, I., **McLaughlin, J.E.**, and Pinelli, N.R. (October, 2015). Educational outcomes associated with student pharmacist immersion in accountable patient-care roles in

- health-system practice. Presented at the American College of Clinical Pharmacy Global Conference, San Francisco, CA.
44. McLaughlin, G.W., McLaughlin, J.S., and **McLaughlin, J.E.** (September, 2015). College ratings and rankings: Beyond the Berlin Principles. Presented at the European Association for Institutional Research Annual Forum, Krems, Austria.
 45. Costelloe, M., Galbraith, K., Larson, I., Sewell, K. et al (July, 2015). From Prato to Maryland: Transforming practice through global education collaboration. Presented at the American Association of Colleges of Pharmacy Annual Conference, National Harbor, MD.
 46. Khanova, J., **McLaughlin, J.E.**, Roth, M., and Rodgers, J.E. (July, 2015). The flipped classroom: How students experience learning. Presented at the Monash Pharmacy Education Symposium, Prato, Italy.
 47. Khanova, J., **McLaughlin, J.E.**, Rodgers, J.E., and Roth, M.T. (July, 2015). Variations in implementation of the flipped classroom model. Presented at the Monash Pharmacy Education Symposium, Prato, Italy.
 48. **McLaughlin, J.E.**, Rodgers, P., and Williams, C. (July, 2015). Understanding patterns of preceptor grading in advanced pharmacy practice experiences using Multi-Facet Rasch Modeling. Presented at the American Association of Colleges of Pharmacy Annual Conference, National Harbor, MD.
 49. †Singer, D., Cox, W.C., and **McLaughlin, J.E.** (July, 2015). The Multiple mini-interview as an admission tool for a PharmD program satellite campus. Presented at the American Association of Colleges of Pharmacy Annual Conference, National Harbor, MD.
 50. **McLaughlin, J.E.** and Billings, E. (May, 2015). Faculty activity reporting: Meeting the needs of multiple stakeholders. Presented at the Association for Institutional Research Annual Forum, Denver, CO.
 51. McLaughlin, G.W., McLaughlin, J.S., and **McLaughlin, J.E.** (May, 2015). Institutional ratings and rankings: Extending the Berlin Principles. Presented at the Association for Institutional Research Annual Forum, Denver CO.
 52. **McLaughlin, J.E.**, et al. (July, 2014). Improved organizational outcomes and enhanced student learning in an early immersion program at an academic medical center. Presented at the American Association of Colleges of Pharmacy Annual Meeting, Dallas, TX.
 53. **McLaughlin, J.E.** and Rhoney, D. (July, 2014). The impact of an interactive e-learning tool in a flipped seizure module of neurologic pharmacotherapy. Presented at the American Association of Colleges of Pharmacy Annual Meeting, Dallas, TX.
 54. **McLaughlin, J.E.** and Cox, W. C. (July, 2014). Assessment of non-cognitive attributes in admissions: Benefits, challenges, and next steps. Workshop at American Association of Colleges of Pharmacy Annual Meeting, Dallas, TX.
 55. Shepherd, G., Williams, C., Cox, W.C., and **McLaughlin, J.E.** (July, 2014). Impact of decision making style preference on advanced pharmacy practice experience performance. Presented at the American Association of Colleges of Pharmacy Annual Meeting, Dallas, TX.
 56. Shah, S., Hawes, E., Mangun, J., Rao, K., Eckel, S., and **McLaughlin, J.E.** (June, 2014). Evaluation of the quality of a residency assessment program. Presented at the American Society of Health-Systems Pharmacy Annual Meeting, Las Vegas, NV.

57. **McLaughlin, J.E.**, McLaughlin, G.W., McLaughlin, J.S., and White, C.Y. (May, 2014). Measuring diversity: A new approach for health professions education. Presented at Association for Institutional Research Annual Conference, Orlando, FL.
58. Royal, K. and **McLaughlin, J.E.** (April, 2014). Using propensity score matching to compare learning outcomes between two medical school groups of unequal size. Presented at American Educational Research Association Annual Meeting, Philadelphia, PA.
59. McLaughlin, G.W., **McLaughlin, J.E.**, and McLaughlin, J.S. (March, 2014). A note on measuring the diversity of the MBA. Presented at Business, Society, and Government Consortium Annual Conference, Chicago, IL.
60. McLaughlin, G.W., McLaughlin, J.S., and **McLaughlin, J.E.** (October, 2013). A Note on diversity. Presented at the Illinois Association for Institutional Research, Peoria, IL.
61. Shepherd, G., Cox, W., Williams, C., and **McLaughlin, J.E.** (October, 2013). Decision making style preference among third year pharmacy students. Presented at the American College of Clinical Pharmacy Annual Meeting, Albuquerque, NM.
62. Sloane, A.B., **McLaughlin, J.E.**, and Roth, M.T. (October, 2013). Effectively using student course evaluation results to improve course and instructor effectiveness. Presented at the Assessment Institute Annual Meeting, Indianapolis, IN.
63. **McLaughlin, J.E.**, Stachler, S., Griffith, R, and McLaughlin, G.W. (October, 2013). Non-cognitive measurement in admissions: Value, impact, and implications. Presented at the Southern Association for Institutional Research Annual Conference, Memphis, TN.
64. Cox, W.C., and **McLaughlin, J.E.** (July, 2013). Association of Health Sciences Reasoning Test scores with academic and clinical performance. Presented at the American Association of Colleges of Pharmacy Annual Meeting, Chicago, IL.
65. †Gharkolonarehe, N. **McLaughlin, J.E.**, and Rodgers J. (July, 2013). Impact of a blended-learning approach on student engagement, performance, and satisfaction in a pharmacotherapy course. Presented at the American Association of Colleges of Pharmacy Annual Meeting, Chicago, IL.
66. McClurg, M.T., Singleton, S., Rodgers, P.T., Lee, C., **McLaughlin, J.E.**, †Moore, J., †Guidotti, M., Joyner, P.U., Mumper, R.J., Blouin, R.A. (July, 2013). A systems approach to innovation in pharmacy education. Presented at the American Association of Colleges of Pharmacy Annual Meeting, Chicago, IL.
67. **McLaughlin, J.E.**, Stachler, S. and Griffith, R. (May, 2013). Non-cognitive measurement in admissions: Value, impact, and implications. Presented at Association for Institutional Research Annual Conference, Long Beach, CA.
68. McLaughlin, G.W., McLaughlin, J.S., **McLaughlin, J.E.**, and Abu-Khadra, H. (July, 2012). Student Diversity Index: Alternative measures supporting strategic and functional planning. Presented at the Society for College and University Planning Annual Conference and Idea Marketplace, Chicago, IL.
69. McLaughlin, G.W., **McLaughlin, J. E.**, and McLaughlin, J. S. (June, 2012). Rethinking diversity metrics and indices. Presented at the International Association for Business and Society, Asheville, NC.

70. **McLaughlin, J.E.** (November, 2011). Understanding the academic progress of student-athletes: A model of team and institutional effects on academic eligibility at Division I institutions. Presented at the Association for the Study of Higher Education Annual Conference, Charlotte, NC.
71. McLaughlin, G.W., McLaughlin, J.S., and **McLaughlin, J.E.** (October, 2011). Developing diversity metrics for higher education: Next steps. Presented at the Southern Association for Institutional Research Annual Conference, Atlanta, GA.
72. **McLaughlin, J.E.** (April, 2011). The Academic Progress Rate and NCAA basketball: Measuring institutional effects. Presented at the NC State Department of Leadership, Policy, and Adult and Higher Education Graduate Student Symposium, Raleigh, NC.
+First place and People's Choice Award Winner
73. **McLaughlin, J.E.** (April, 2010). Exploring the relationship between the NCAA's Academic Progress Rate and federal graduation rates. Presented at the NC State Adult Education and Training & Development Graduate Student Symposium, Raleigh, NC.
74. **McLaughlin, J.E.**, and Young, T.V. (June, 2009). The NCAA's Academic Progress Rate: Understanding the new measure and predicting Division I football scores. Presented at the Association for Institutional Research Annual Forum, Atlanta, GA.
75. **McLaughlin, J.E.**, Bartlett, J.E., and Bartlett, M.E. (April, 2009). An analysis of participation patterns for work-related courses and personal interest courses. Presented at the American Educational Research Association Annual Meeting, San Diego, CA.
76. **McLaughlin, J.E.**, and Malkin, R.A. (October, 2002). Experimental tachycardias in mice lacking VLCAD. Presented at the Tennessee Biomedical Engineering Conference, Nashville, TN.
+First Place Award Winner
77. **McLaughlin, J.E.**, and Malkin, R.A. (May, 2001). The effects of ketamine/xylazine mixture on heart rate and heart rate variability in mice. Presented at the Southern Biomedical Engineering Conference, Birmingham, AL.

Invited Presentations and Publications: National/International

1. Bush, A.A., White, C., and ***McLaughlin, J.E.** (In Press, 2018). Letter to the Editor: Author Response to A Review of Contemporary Diverse Literature in Pharmacy Education. *American Journal of Pharmaceutical Education*.
2. **McLaughlin, J.E.** (November, 2017). Strengthening Education Scholarship. American Association of Colleges of Pharmacy Fall Institute, Washington, D.C.
3. **McLaughlin, J.E.** Cochran, G., McClurg, M., Hatton-Kolpek, J. (October, 2017). ACCP Research Institute: Primer. Invited talk to American College of Clinical Pharmacists: Teaching and Learning Academy and Research Academy, Phoenix, AZ.
4. White, P., Angelo, T.A., and **McLaughlin, J.E.** (July, 2017). First steps in education research. PharmAlliance Symposium for Pharmacy Education, Prato, Italy.
5. Cox, W.C., and **McLaughlin, J.E.** (July, 2017). The multiple mini-interview in pharmacy education. PharmAlliance Symposium for Pharmacy Education, Prato, Italy.

6. **McLaughlin, J.E.** and Cochran, G. (February, 2017). ACCP Research Institute: Research methods. Invited talk to American College of Clinical Pharmacists: Teaching and Learning Academy and Research Academy Midyear Meeting, Jacksonville, FL.
7. Scott, M.A., **McLaughlin, J.E.**, et al. (2017). Letter to the Editor: Author Response to Considerations for Determining Perceived Benefits and Challenges of Student Organizations at Pharmacy School Satellite Campuses. *American Journal of Pharmaceutical Education*, 81(2), Article 40.
8. Cox, W.C., and **McLaughlin, J.E.** (September, 2016). Assessment of admissions. Presented at the American Association of Colleges of Pharmacy Fall Institute, Charlotte, NC. *Conference postponed to January, 2017 in Alexandria, VA.*
9. **McLaughlin, J.E.** et al. (July, 2016). Early clinical immersion as inpatient psychiatry medication education group leaders. Presented at American Association of Colleges of Pharmacy, Anaheim, CA.
10. **McLaughlin, J.E.** and Cochran, G. (April, 2016). ACCP Research Institute: Research methods. Invited talk to American College of Clinical Pharmacists: Teaching and Learning Academy and Research Academy Midyear Meeting, Phoenix, AZ.
11. **McLaughlin, J.E.** (October, 2015). Student experiences across multiple flipped courses in a single curriculum. Invited podcast hosted by Medical Education (Ed. Eva, K.), released October 5, 2015. <https://itunes.apple.com/gb/podcast/medical-education-podcasts/id784455563>
12. ***McLaughlin, J.E.**, Sloane, A., Billings, E., and Roth, M. T. (2015). Evaluation of a school-wide systematic, closed loop course evaluation process that improves course and instructor effectiveness. *Assessment Update*, 27(5), 3-13.
13. **McLaughlin, J.E.** (2015). Global collaboration in pharmacy education. *ACCP Teaching and Learning*, 8(2), 3-4.
14. **McLaughlin, J.E.** (October, 2015). ACCP Research Institute: Educational Research in Clinical Pharmacy. Invited talk to American College of Clinical Pharmacists: Teaching and Learning Academy and Research Academy, San Francisco, CA.
15. **McLaughlin, J.E.** and Roth, M.T. (October, 2015). The Flipped Classroom. Invited talk to American College of Clinical Pharmacists Global Conference, San Francisco, CA.
16. Singleton, S. and **McLaughlin, J.E.** (March, 2015). Curriculum transformation and the scholarship of education. Invited talk to Monash University, Melbourne Australia.
17. **McLaughlin, J.E.**, Roth, M.T., and Mumper, R. J. (2014). In reply to Spangler. *Academic Medicine*, 89, 1429-1430.
18. **McLaughlin, J.E.** and Roth, M. T. (October, 2014). Educational research and scholarship. Invited talk at American College of Clinical Pharmacists Annual Meeting: Teaching and Learning Academy and Research Academy, Austin, TX.
19. Mumper, R.J., **McLaughlin, J.E.**, Gharkholonareh, N., Glatt, D.M., and Roth, M.T. (2014). Behind the scenes of a flipped classroom course redesign. Invited blog entry for *Academic Medicine: AM Rounds*. <http://academicmedicineblog.org/2014/01/06/behind-the-scenes-of-a-flipped-classroom-course-redesign-part-i/>

20. **McLaughlin, J.E.**, and Roth M.T. (2014). Teaching scholarship and research. *ACCP Teaching and Learning*, 8(1), 3-4.
21. *Fulford, M.J., Souza, J.M., Alston, G.L., **McLaughlin, J.E.**, Garavalia, L., Franson, K., et al. (2014). Are you CAPE-A.B.L.E.? Center for the Advancement of Pharmacy Education: An assessment blueprint for learning experiences. *CAPE: Assessment SIG paper*.
<http://www.aacp.org/resources/education/cape/Pages/default.aspx>
22. Roth, M.T., and **McLaughlin, J.E.** (November, 2013). Strategic Planning at the UNC Eshleman School of Pharmacy. Invited presentation to the Taskstream Strategic Planning User Group, Live Virtual.
23. **McLaughlin, J.E.** (2012). Student-athlete academic progress: A multilevel analysis of team, institutional, and conference effects on academic eligibility at Division I institutions. *Issues in Intercollegiate Athletic Leadership Working Paper Series*.

Invited Presentations and Publications: State/Local

1. **McLaughlin, J.E.**, Lyons, K., and Wolcott, M. (November, 2017). Teaching adult learners. Invited talk to School of Medicine Academic Medical Program, UNC School of Medicine, Chapel Hill, NC.
2. **McLaughlin, J.E.**, Cox, W.C., and Zeeman, J. (June, 2017). Social and professional competence. Invited talk to 2017 Assessment Day, UNC Eshelman School of Pharmacy, Chapel Hill, NC.
3. Staats, B., Kainz, K. and **McLaughlin, J.E.** (May, 2017). Discussant for the Carolina Improvement Sciences Initiative Lightning Symposium, UNC, Chapel Hill, NC.
4. Pinelli, N.R. and **McLaughlin, J.E.** (December, 2016). Re-envisioning experiential education. Invited talk to Annual Preceptor and Partner Symposium, UNC Eshelman School of Pharmacy, Chapel Hill, NC.
5. **McLaughlin, J.E.** and Boyette, T. (November 2016). Collaborative partnerships in education. Invited talk to UNC School of Education Brown Bag Lunch Series, Chapel Hill, NC.
6. **McLaughlin, J.E.** (October, 2016). Toward continuous curricular improvement. Invited talk to Educational Renaissance Symposium, UNC Eshelman School of Pharmacy, Chapel Hill, NC.
7. **McLaughlin, J.E.** (September, 2016). Curriculum design and research: understanding education in the rapidly evolving world of healthcare. Invited talk to College of Design Faculty, NC State, Raleigh, NC.
8. **McLaughlin, J.E.** (September, 2016). Research paradigms: positivism and post-positivism in health sciences education. Invited talk to DDN 702 Research Paradigms in Design (Ph.D. Program in Design), College of Design, NC State University, Raleigh, NC.
9. **McLaughlin, J.E.** (September, 2016). Applied educational research in the health sciences. Invited talk to Department of Learning Sciences & Psychological Studies seminar series, School of Education, UNC, Chapel Hill, NC.
10. **McLaughlin, J.E.** (June, 2016). Results of Year 1 Capstone Multiple Mini Interview. Invited presentation to UNC Eshelman School of Pharmacy Town Hall, Chapel Hill, NC.
11. **McLaughlin, J.E.** (January, 2016). How ExamSoft can work for you (and your students). Invited panelist at UNC Eshelman School of Pharmacy Educator Development Workshop, Chapel Hill, NC.

12. **McLaughlin, J.E.**, Eckel, S.F., and Morbitzer, K. (September, 2015). Research perspectives. Invited talk to PHCY 811: Contemporary and Applied Communications in Healthcare, Chapel Hill, NC.
13. *Roth, M.T., Mumper, R.J, Singleton, S.F., Lee, C.R., Rodgers, P.T., Cox, W.C., **McLaughlin, J.E.**, Joyner, P., and Blouin, R.A. (2014). A renaissance in pharmacy education at the University of North Carolina at Chapel Hill. *North Carolina Medical Journal*, 75(1), 48-52.
14. **McLaughlin, J.E.** and Billings, E. (October, 2014). Leveraging data for informed decision-making. Invited talk to the UNC Eshelman School of Pharmacy Office of Advancement, Chapel Hill, NC.
15. **McLaughlin, J.E.** and Billings, E. (July, 2014). Student affairs assessment and planning. Invited talk at the UNC Eshelman School of Pharmacy Office of Student Affairs Annual Retreat, Chapel Hill, NC.
16. **McLaughlin, J.E.** (June, 2014). Measuring diversity. Invited talk at the Diversity Forum hosted by the UNC Eshelman School of Pharmacy, Chapel Hill, NC.
17. Billings, E., **McLaughlin, J.E.**, and Sloane, A. (May, 2014). Surveys 101. Invited talk at the UNC Eshelman School of Pharmacy Lunch and Learn Series, Chapel Hill, NC.
18. **McLaughlin, J.E.** (March, 2014). The flipped classroom: the model and its implications. Invited panelist at UNC School of Education Brown Bag Lunch Series, Chapel Hill, NC.

Other (e.g., Book Reviews, Blog Posts)

1. Hubal, R. and **McLaughlin, J.E.** (2017). Professional social competency identification, assessment and training. *Decadal Survey of Social and Behavioral Sciences for Applications to National Security*, National Academies of Science, Engineering, and Medicine. <https://ideabuzz.com/a/buzz/nasem-bbccs/sbsdecadalsurvey>
2. **McLaughlin, J.E.** (2009). Counterfeit Amateurs: An Athlete's Journey through the Sixties to the Age of Academic Capitalism. *Journal of Sports Economics*, 10(6), 667-673.

TEACHING ACTIVITIES

Courses

Evaluation Research and Project Design (PACE 815)

Fall 2014, 2015, 2016, 2017: section 001, 8-10 students

Course director, lead instructor

Worthy of recognition in 2015, 2016, 2017

Biostatistics (PHCY 500)

Fall 2015, 2016, 2017: section 001, 150 students

Module director, lead instructor

Worthy of recognition in 2015, 2016, 2017

Introduction to Pharmacy Innovation and Problem Solving (PHCY 520)

Spring 2016: 001, 150 students

Small group leader, scholarship of education

Educational Research in Pharmacy, Independent Study (PHCY 805)

Fall 2015: section 001, 1 student

Course director, lead instructor

Educational Research in the Learning Sciences, Independent Study (EDUC 796)

Summer 2016: section b.200, 1 student
Course director, lead instructor

Applied Research in the Learning Sciences, Independent Study (EDUC 990)
Fall 2016: section b.200, 3 students
Course director, lead instructor

Graduate Student Committee Member

Shailly Shah: Evaluation of the Quality of a Pharmacy Residency Assessment Program, May 2014
Jami Mann: Clinical Pharmacist Competency Needs Assessment at an Academic Medical Center, May 2015
Sam Eberwein: Implementation and Evaluation of a Competency Assessment Program for Pharmacists at a Large Academic Medical Center (The Rx-CAPE Study), May 2017
Tyler Vest: Title TBD Expected graduation May 2018
Michael Wolcott (School of Education): Title TBD Expected graduation August 2018
Hillary Lanthrop (School of Dentistry): Title TBD Expected graduation TBD

Doctoral Advisor

Kayley Lyons (School of Education): Title TBD Expected graduation August 2018

Postdoctoral Fellow Advisor

Julia Khanova, 2014-2016
Antonio Bush, 2015-2016
Jacqueline Zeeman, 2015-2017
Carlos Melendez, 2016-2018

GRANTS

Co-I, Medical Learning Through Machine Learning (ML2), U.S. Department of Defense, Funding Opportunity Number: W81XWH-17-R-MSI1. January 2018-December 2020. Total funding \$1.6 million.

Co-PI, Precision Education for Clinical Decision Making, Eshelman Institute for Innovation. July 2017-August 2019. Total funding \$140,210.

Supervisor, Professional Development Grant (PI- Zhang, K), University of North Carolina Employee Forum. March 1, 2017 – April 30, 2017. Total funding \$500.

PI, Design Thinking in Health Professions Education: Understanding the State of the Field and Opportunities for UNC, UNC IBM/RJ Reynolds Industries Junior Faculty Development Award. January 1, 2017-December 31, 2017. Total funding \$7,500.

Faculty Mentor, Collaborate: Your team's personal collaboration coach (PI- Lyons, K.), Eshelman Institute for Innovation. January 1, 2017-December 31, 2017. Total funding \$25,000.

Co-PI, Developing a global response for research, scholarship and impact in pharmacy education, PharmAlliance. July 1, 2016-June 30, 2017. Total funding \$15,000.

Co-I, Evaluation of pharmacist-driven first cycle chemotherapy consultation (PI- Bates, J.), Hematology/Oncology Pharmacy Association. January 2016-December 2016. Total funding \$18,950.

PI, Transforming data into knowledge: Fostering institutional effectiveness through real-time analytics, Eshelman Institute for Innovation. November 2015-November 2016. Total funding \$195,000.

Collaborator, Carolina E(I) Lab: A multidisciplinary, entrepreneurial experience in transforming bold ideas into successful ventures (PI- Lai, S.). November 2015-November 2016. Total funding \$4,000.

Co-PI, Re-engineering Experiential Education: Toward Interprofessional Education and Practice, North Carolina Area Health Education Centers Innovation Grant. July 2015 - June 2016. Total funding \$44,750.

Co-I, Molecular Foundations of Drug Action: Pro40+ Course Redesign (PI- Jarstfer, M.), University of North Carolina Center for Faculty Excellence. April 2015 – March 2016. Total funding \$6,000.

PI, Early Clinical Immersion as Inpatient Psychiatry Medication Education Group Leaders, American Association of Colleges of Pharmacy New Investigator Award. January 2015-December 2015. Total funding \$10,000.

Collaborator, Neurology/Psychiatry Therapeutics: CFE100+ Course Redesign (PI- Harris, S.), University of North Carolina Center for Faculty Excellence. April 2015 – March 2016. Total funding \$2,500.

PROFESSIONAL SERVICE

Committees:

Curriculum Innovation and Assessment Committee (2017-present)

AACP 2017 Fall Institute Committee [*national*] (2017-present)

UNC Faculty Reporting Committee [*university*] (2017 – present)

UNC Certificate in Science Education Advisory Board [*university*] (2017-present)

Online Masters of Science Degree Program, Advisor Board (2017 – present)

Graduate Program Visionary Committee (2017-present)

Appointment, Reappointment, Promotion, and Tenure Policy Review Ad-hoc Committee (2016 - present)

PharmAlliance Scholarship of Education Working Group, **lead**, [*international*] (2015 – present)

Graduate Program Self-Study Oversight Ad-hoc Committee (2015-2016)

Assessment Committee, **chair** (2015 – 2017)

Admissions Committee (2013 – present)

Educational Research Review Committee, **chair** (2012 – present)

Curriculum Transformation Steering Committee (2012 - 2016)

Graduate Program Governance Ad-hoc Committee (2015)

Curriculum & Assessment Committee (2012 - 2015)

Pharmacy Innovation and Problem Solving Course Design Subcommittee (2013)

Foundational Content and Assessment Subcommittee (2013)

UNC Eshelman School of Pharmacy Hiring Search Committees, chair and/or member for 12 positions (2013 – present)

UNC School of Education Hiring Search Committee, 2 faculty positions (2017 – present)

Executive Curriculum Transformation Steering Committee (2012-2013)

Assessment of Student Learning Subcommittee, **chair** (2012-2013)

Other:

Carolina Improvement Science Initiative, Founders Group Member (2017-present)

2016 PharmAlliance Education Symposium, organizer

ACCP Research and Scholarship Academy, Faculty Member (2015 – present)

UNC Eshelman School of Pharmacy Teaching Certificate Program, Mentor

Bill and Karen Campbell Junior Faculty Mentoring Program, Participant (Mentors Tim Wiltshire, PhD and Lora Cohen-Vogel, PhD)

UNC Eshelman School of Pharmacy Assessment of Student Learning Fellowship Committee, Member and Co-Advisor

UNC Center for Faculty Excellence Faculty-Administrator Development Program, Participant

Pharmacy Educational Research Community (PERC), Founder

UNC Eshelman School of Pharmacy Graduate Retreat, breakout session leader (2016)
Academic Medicine, Reviewer
Medical Education, Reviewer
Educational Psychology Review, Reviewer
BMC Medical Education, Reviewer
Teaching and Learning in Medicine, Reviewer
American Educational Research Association, Reviewer
American Journal of Pharmaceutical Education, Reviewer
Currents in Pharmacy Teaching and Learning, Reviewer
American Educational Research Association, Member
American Association of Colleges of Pharmacy, Member
American College of Clinical Pharmacists, Member
Association for Institutional Research, Member
Southern Association for Institutional Research, Member
Student Editor, "HOWLINGS" electronic newsletter, 2011
NCSU Bridges Mentor, 2005-2010
NC State University Judicial Board, Member 1995-1999
NC State University Intersity Christian Fellowship, Large Group Coordinator 1998-1999
NC State University Intersity Christian Fellowship, Small Group Leader 1996-1998