

Jolene R. Bostwick, PharmD, BCPS, BCPP

Contact Information

Business: University of Michigan College of Pharmacy
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Education

7/2004-6/2005 **Specialty Residency in Psychiatric Pharmacy Practice**
A post-doctoral position with emphasis in managed care
Kaiser Permanente, Denver, CO

9/2000-5/2004 **Doctor of Pharmacy with High Distinction**
University of Michigan College of Pharmacy, Ann Arbor, MI

9/1998-4/2000 **Undergraduate Pre-Pharmacy Curriculum**
University of Michigan College of Literature, Science, and the Arts

Professional Certification and Licensure

1/2019-present Adult Mental Health First Aid certification (valid through 2025)

10/2008-present Board Certification in Psychiatric Pharmacy by examination

10/2006-present Board Certification in Pharmacotherapy by examination

6/2004-present Michigan Pharmacist License

Professional Experience

2/2020-present **Assistant Dean for Co-Curriculum and Professional Development**
University of Michigan College of Pharmacy

9/2019-present **Clinical Professor**
Department of Clinical Pharmacy
University of Michigan College of Pharmacy

7/2012-8/2020 **Clinical Pharmacy Specialist, Ambulatory Psychiatry Services**
Michigan Medicine, Ann Arbor, MI

Professional Experience

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| 10/2015-1/2020 | Associate Chair Department of Clinical Pharmacy University of Michigan College of Pharmacy |
| 9/2013-8/2019 | Clinical Associate Professor Department of Clinical Pharmacy University of Michigan College of Pharmacy |
| 9/2016-6/2018 | Clinical Pharmacy Consultant, Behavior Health Michigan Pharmacists Transforming Care and Quality (MPTCQ) Michigan Medicine |
| 10/2007-3/2017 | Clinical Pharmacy Specialist, Adult Inpatient Psychiatry Michigan Medicine, Ann Arbor, MI |
| 10/2007-8/2013 | Clinical Assistant Professor Department of Clinical, Social, and Administrative Sciences University of Michigan College of Pharmacy |
| 8/2005-9/2007 | Assistant Professor and Clinical Pharmacist Department of Pharmacy Practice, Lake Erie College of Osteopathic Medicine (LECOM) School of Pharmacy, Erie, PA Clinical Practice Site: Outpatient Behavioral Health, Department of Veterans Affairs, Erie, PA |
| 5/2001-7/2003 | Investigational Drug Service Intern University of Michigan Health System, Ann Arbor, MI |
| 5/2000-2/2004 | Rite Aid Pharmacy Intern Store 4559, Marysville, MI and Store 4530, Ann Arbor, MI |

Selected Honors and Awards

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| 2022 | University of Michigan College of Pharmacy Teaching Excellence Award Nominee, Inaugural University of Michigan Advising Council Outstanding Advisor Award |
| 2021 | Selected for Cohort 18 of the American Association of Colleges of Pharmacy (AACP) Academic Leadership Fellows Program (ALFP) |
| 2020 | Kristen L. McGlone Research Award for excellence in research awarded to mentee, Sarah Choi, for her project entitled "The Impact of Completing Medication Reconciliation and Depression Treatment History in an Outpatient Depression Clinic" |

Selected Honors and Awards

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| 2013-2015, 2019 | P1 Student Appreciation Award <i>Award given to the professor who students feel have helped them learn and grow the most in the past year and who demonstrate dedication to education in the classroom</i> |
| 2013, 2016- 2019, 2021 | Nominated for the University of Michigan College of Pharmacy Teaching Excellence Award |
| 2016-2017 | Selected as an Interprofessional Leadership Fellow, invited to join the inaugural cohort at the University of Michigan |
| 2016, 2020 | Michigan Medicine Making a Difference Award |
| 2015 | Appointed as member of the University of Michigan College of Pharmacy Executive Committee Selected as a Road Scholars Participant Nominated for the Preceptor of the Year Award |
| 2014 | University of Michigan College of Pharmacy Teaching Excellence Award <i>MEDSURG Nursing Clinical Practice Writer's Award</i> Nominated for the Preceptor of the Year Award |
| 2005 | Creative and Resourceful Employee Program (CARE) Award Kaiser Permanente Taskforce for implementing monitoring program for children treated with antidepressant medication |
| 2004 | Merck Award in Pharmacy awarded to the PharmD student who graduated with the second highest G.P.A. in their class |
| 2003 | Rho Chi Pharmacy Honor Society, Alpha Chapter President |
| 2003 | American Society of Health-System Pharmacists (ASHP) Student Leadership Award and Scholarship |

Scholarly Activity

Please note: *Italicized* names are pharmacy residents, name[^] are psychiatry residents, name⁺ are pharmacy fellows, and name* are professional students with whom I have worked.

Research Publications:

1. Dulellari S*, Vesey MR*, Mason NA, Marshall V, **Bostwick JR**. Needs assessment and impact of mental health training among pharmacy students. *Currents in Pharmacy Teaching and Learning*. 2022, in press.
2. Powell KM*, Mason NA, Gayar L*, Marshall V, **Bostwick JR**. Impact of a pilot elective course to address student pharmacist well-being. *Currents in Pharmacy Teaching and Learning*. 2021;13:1464-1470.

3. Silvia RJ, Lee KC, **Bostwick JR**, Cobb CD, Goldstone LW, Moore TD, Payne GH, Ho JL. Assessment of the current practice of psychiatric pharmacists in the United States. *Ment Health Clin* [Internet]. 2020;10(6):346-53.
4. DeBiase C*, Beleh M, **Bostwick JR**, Marshall VD, Sweet BV. Evaluating pharmacy student use of ExamSoft strength and opportunity reports. *Currents in Pharmacy Teaching and Learning*. 2020;12:1431-36.
5. Cohen S*, **Bostwick JR**, Marshall VD, Kruse K[^], Dalack GW, Patel P. The effects of a computerized best practice alert system in an outpatient setting on metabolic monitoring in patients on second generation antipsychotics. *Journal of Clinical Pharmacy and Therapeutics*. 2020;45:1398-1404.
6. Matsumoto AN*, DeSena D, Kuzma EK, **Bostwick JR**, Furgeson D, Yorke A, Inglehart MR. The evolution of an interprofessional education motivational interviewing workshop: Finding the right balance. *Journal of Interprofessional Education & Practice*. 2020:100342.
7. Wilson RE*, Choi SJ*, Parikh SV, **Bostwick JR**. Psychiatric prescribing patterns for depression treatment in an outpatient depression clinic. *Psychopharmacol Bull*. 2020;50(1):28-34.
8. Parikh SV, **Bostwick JR**, Bastida M, Taubman DS. Improving psychiatric medication use through the Michigan e-Psychopharmacology course for nurse practitioners: a pre-post/follow-up study. *Perspectives in Psychiatric Care*. 2019;1-7.
9. Caratelli LA*, **Bostwick JR**, Filter MS, Fitzgerald M, Ginier E, Templin T. Development and evaluation of an interprofessional seminar pilot course to enhance collaboration between health professions at a student-run clinic for underserved populations. *Journal of Interprofessional Care*. 2019, DOI: 10.1080/13561820.2019.1676208.
10. Coe AB, **Bostwick JR**, Choe HM, Thompson AN. Provider perceptions of pharmacists providing mental health medication support in patient-centered medical homes. *Journal of the American Pharmacists Association*. 2019;59:555-9.
11. Choi S*, Storey R*, Parikh SV, **Bostwick JR**. The impact of completing medication reconciliation and depression treatment history in an outpatient depression clinic. *Psychopharmacology Bulletin*. 2019;49(1):44-55.
12. Parikh SV, **Bostwick JR**, Taubman DS. Videoconferencing technology to facilitate a pilot training course in advanced psychopharmacology for psychiatrists. *Academic Psychiatry*. 2019 Mar 19. doi: 10.1007/s40596-019-01050-w. [Epub ahead of print]
13. Klein KC, Kelling SE, Pais K*, Lee CA*, **Bostwick JR**. From clinical assistant to clinical associate professor: Examination of a sample of promotion guidelines. *Currents in Pharmacy Teaching and Learning*. 2019;11(4):346-51.
14. Kumar P*, Klein K, **Bostwick JR**. A pilot program featuring formative peer review of faculty at a college of pharmacy. *Currents in Pharmacy Teaching and Learning*. 2018;10(9):1280-7.
15. Lan L*, **Bostwick JR**, Andreasen A, Malas N. Neuroleptic prescribing and monitoring practices in pediatric inpatient medical and psychiatric settings. *Hospital Pediatrics*. 2018;8(7):410-8.
16. Lindell VA, Stencil NL*, Ives RC*, Ward KM⁺, Fluent T, Choe HM, **Bostwick JR**. A pilot evaluating clinical pharmacy services in an ambulatory psychiatry clinic. *Psychopharmacology Bulletin*. 2018;48(2):18-28.
17. **Bostwick JR**, Leung G*, Smith TL, Ahmed U, Bainbridge JL, Peyronnet J. Survey highlights the need to expand offerings of introductory pharmacy practice experiences in psychiatry and neurology: benefits and example experiences. *Mental Health Clinician* [Internet]. 2018;8(1):7-13. DOI: 10.9740/mhc.2018.01.007.

18. Gotlib D[^], **Bostwick JR**, Calip S[^], Perelstein E, Kurlander JE, Fluent T. Collaborative care in ambulatory psychiatry: content analysis of consultations to a psychiatric pharmacist. *Psychopharmacology Bulletin*. 2017;47(4):53-58.
19. Albano ME*, **Bostwick JR**, Ward KM+, Fluent T, Choe HM. Discrepancies identified through a telephone-based, student-led initiative for medication reconciliation in ambulatory psychiatry. *Journal of Pharmacy Practice*. 2018;31(3):304-311.
20. Dopheide JA, **Bostwick JR**, Goldstone LW, Thomas K, Nemire R, Gable KN, Cates M, Caballero J, Smith T, Bainbridge J. Curriculum in psychiatry and neurology for pharmacy programs. *American Journal of Pharmaceutical Education*. 2017;81(7): Article 5925.
21. Tang SS*, Jaward L*, Ward K*, Parikh SV, **Bostwick JR**. Impact of a student pharmacist driven medication reconciliation and antidepressant treatment history project at a depression clinic: a pilot study. *Psychopharmacology Bulletin*. 2017;47(2):36-41.
22. Johnson JM*, Wu CY, Winder GS[^], Casher MI, Marshall VD, **Bostwick JR**. The effects of cannabis on inpatient agitation, aggression, and length-of-stay. *Journal of Dual Diagnosis*. 2016;12(3-4):244-51. doi: 10.1080/15504263.2016.1245457
23. Lee J*, Dalack GW, Casher MI, Eappen SA[^], **Bostwick JR**. Persistence of metabolic monitoring for psychiatry inpatients treated with second-generation antipsychotics utilizing a computer-based intervention. *Journal of Clinical Pharmacy and Therapeutics* 2016;41(2):209-13. doi: 10.1111/jcpt.12368
24. Griebe K*, Caniff K*, **Bostwick JR**. Psychiatric pharmacists: key allies to improve metabolic monitoring. *Psychiatric Services* 2016;67:469–470. doi: 10.1176/appi.ps.670501
25. Arenz BJ, Diez HL, **Bostwick JR**, Kales HC, Zivin K, Dalack GW, Fluent TE, Standiford CJ, Stano C, Choe HM. Effectively implementing FDA medication alerts utilizing patient centered medical home clinical pharmacists. *Healthcare*. 2016;4(1):69-73. doi:10.1016/j.hjdsi.2015.07.001.
26. Thomas SJ*, Shin M, McInnis MG, **Bostwick JR**. Monoamine oxidase inhibitors and other antidepressants or stimulants: strategies for the management of treatment-resistant depression. *Pharmacotherapy*. 2015;35(4):433-9. doi: 10/1002/phar.1576.
27. Kraft SL, Baker NM*, Carpenter J*, **Bostwick JR**. Procarbazine and antidepressants: a retrospective review of the risk of serotonin toxicity. *Psycho-Oncology* 2014;23:108-113.
28. *Delmonte MT*, **Bostwick JR**, Bess JD, Dalack GW. Evaluation of a computer-based intervention to enhance metabolic monitoring in psychiatry inpatients treated with second generation antipsychotics. *Journal of Clinical Pharmacy and Therapeutics*. 2012;37(6):668-73. doi:10.1111/j.1365-2710.2012.01369.x
29. *Poker LM*, Chrymko MM, **Bostwick JR**. Electronic order sets and reminders significantly improve ordering of monitoring parameters for antipsychotic medications. *Federal Practitioner* 2010;27(8):9-14.

Other Practice or Teaching-Related Publications:

30. Genereaux M, Nguyen M, **Bostwick JR**, Vordenberg SE. Using the higher learning commission's assessment culture matrix to support continuous quality improvement of a simulated patient program. *Innov Pharm*. 2021;12(2): Article 10.
31. Mathew J,* Kraft S, **Bostwick JR**. Opportunities for pharmacists to impact student health on college campuses. *J Am Coll Clin Pharm*. 2021;4:855-861.

32. Harris SC, **Bostwick JR**, Werremeyer AB, Goldstone LW, Cates ME, Caley CF. Wellness and stigma: pharmacy's ongoing conflict. *Am J Pharm Educ*. 2021 Aug;85(7):8354. doi: 10.5688/ajpe8354. Epub 2021 Feb 11.
33. Vordenberg SE, Diez HL, Ferguson C, Walker PC, **Bostwick JR**, Klein KC. Practical considerations for community-based health promotion events during the COVID-19 pandemic. *Innov Pharm*. 2021;12(2): Article 2.
34. Werremeyer A, **Bostwick J**, Cobb C, Moore TD, Park SH, Price C, et al. Impact of pharmacists on outcomes for patients with psychiatric or neurologic disorders. *Ment Health Clin [Internet]*. 2020;10(6):358-80. DOI: 10.9740/mhc.2020.11.358
35. *Chow CL*, Kadouh NK*, VandenBerg AM, **Bostwick JR**. Akathisia in newer second-generation antipsychotic drugs: a review of current evidence. *Pharmacotherapy*. 2020;40(6):565-574.
36. Funk MC, Beach SR, **Bostwick JR**, Celano CM, Hasnain M, Pandurangi A, Khandai AC, Taylor A, Levenson JL, Riba M, Kovacs RJ. QTc prolongation and psychotropic medications. *Am J Psychiatry*. 2020;177(3):273-4.
37. Wolinsky D[^], Drake K, **Bostwick J**. Diagnosis and management of neuropsychiatric symptoms in Alzheimer's Disease. *Current Psychiatry Reports*. 2018;20(12):117.
38. Tang SS*, **Bostwick JR**, Wells T, Kraft S. Mothers in academic pharmacy. *Currents in Pharmacy Teaching and Learning*. 2018;10(9):1168-70.
39. *Bixby AL*, VandenBerg A, **Bostwick JR**. Therapeutic controversies with serotonin reuptake inhibitors: to bleed or not to bleed? *Annals of Pharmacotherapy*. 2018 Aug 6:1060028018794005. doi: 10.1177/1060028018794005. [Epub ahead of print]
40. Kelling SE, Smith MA, Diez HL, Remington TL, **Bostwick JR**. Using the Plan-Do-Study-Act (PDSA) model for continuous quality improvement of an established simulated patient program. *Innovations in Pharmacy*. 2018;9(2):Article 19.
41. Zhang S*, Soreide KK*, Kelling SE, **Bostwick JR**. Quality assurance processes for standardized patient programs. *Currents in Pharmacy Teaching and Learning*. 2018;10(4):523-528.
42. Murphy LR, Choi S*, **Bostwick JR**. QT prolongation and antidepressants. *Psychiatric Times*. 2018;32(3).
43. Soreide KK*, Ward KM+, **Bostwick JR**. Practical strategies for switching antidepressant medication. *Psychiatric Times*. 2017;34(12):16G-16H.
44. Caniff K*, Telega E*, **Bostwick JR**, Gardner KN. Pregabalin use in benzodiazepine discontinuation. *American Journal of Health-System Pharmacy*. 2018;75:67-71.
45. Morcos N[^], **Bostwick JR**. MAO inhibitors: is concomitant use safe or too risky? A case study in treatment-refractory depression. *Psychiatric Times*. 2017;34(9):16G-16H.
46. *Farhat NM*, **Bostwick JR**, Rockafellow SD. Improving PGY2 ambulatory care residency training in psychiatry. *Journal of Pharmacy Practice*. 2017 Jan 1: 897190017729598. doi: 10.1177/0897190017729598. [Epub ahead of print].
47. **Bostwick JR**, Murphy LR. Metabolic monitoring of antipsychotic medications: what psychiatrists need to know. *Psychiatric Times*. May 2017:44-45.
48. **Bostwick JR**, Demehri A. Pills to powder: an updated clinician's reference for crushable psychotropic medications. *Current Psychiatry*. 2017;16(2):46-49.
49. *Kaminsky BM*, *Benitez LL*, **Bostwick JR**, *Early CR*, Klein KC. Benefits of a concentrated teaching rotation: perspectives of pharmacy residents and faculty. *Currents in Pharmacy Teaching and Learning*. 2017;9(1):4-8. doi: <http://dx.doi.org/10.1016/j.cptl.2016.08.030>
50. Tai M*, Casher MI, **Bostwick JR**. How to prevent misuse of psychotropics among college students. *Current Psychiatry*. 2015;14(8):43-46.

51. *Kaminsky BM, Bostwick JR, Guthrie SK.* Alternate routes of administration of antidepressant and antipsychotic medications. *The Annals of Pharmacotherapy.* 2015;1-10. doi: 10.1177/1060028015583893.
52. *Vu L*, Tai M*, Bostwick JR.* Antidepressant treatment concerns and recommendations for avoiding adverse events. *US Pharm* 2014;39(11):34-36.
53. *Jasiak NM, Bostwick JR.* Risk of QT/QTc prolongation among newer non-SSRI antidepressants. *Annals of Pharmacotherapy.* 2014;48(12):1620-8. doi: 10.1177/1060028014550645
54. *Bostwick JR, Burghardt K+, Choe HM, Deneke E, Fluent T.* Opportunities to partner with clinical pharmacists in ambulatory psychiatry. *Current Psychiatry* 2014;13(7):23-9.
55. *Gardner KN, Bostwick JR.* Medication Prescribing in Liver Dysfunction. *Mental Health Clinician.* 2014;4(3):76. Available at: <http://cpnp.org/resource/mhc/2014/05/medication-prescribing-liver-dysfunction>. Accessed May 08, 2014.
56. *Bostwick JR, Demehri A^.* Pills to powder: a clinician's reference for crushable psychotropic medications. *Current Psychiatry.* 2014;13(5):e1-e4.
57. *Funk KA, Bostwick JR.* A comparison of the risk of QT prolongation among SSRIs. *Annals of Pharmacotherapy.* 2013;47(10):1330-41. doi: 10.1177/1060028013501994
58. *Bostwick JR, Hallman I.* Agitation management strategies: overview of non-pharmacologic and pharmacologic interventions. *Medsurg Nursing* 2013;22(5):303-7.
59. *Funk KA*, Bostwick J.* Paliperidone palmitate injection site. *Issues in Mental Health Nursing* 2013;34(10):779-82.
60. *Gardner KN*, Bostwick JR.* Antipsychotic treatment response in schizophrenia. *American Journal of Health-System Pharmacy* 2012;69:1872-9.
61. *Bostwick JR.* Success in academia: tips for balancing clinical and faculty roles. *The Mental Health Clinician* 2012;1(10):11. Available at: <http://cpnp.org/resource/mhc/2012/03/success-academia-tips-balancing-clinical-and-faculty-roles>. Accessed April 4, 2012.
62. *Bostwick JR, Casher MI, Yasugi S^.* Benzodiazepines: a versatile clinical tool. *Current Psychiatry* 2012;11(4):55-64.
63. *Bostwick JR, Le CH.* Pharmacogenetics and depression: realized dream or great expectation? *US Pharmacist* 2011;36(11):72-76.
64. *Casher M, Yu MA, Bostwick JR.* How to prevent morbidity and mortality from prescription psychotropics. *Current Psychiatry* 2011;10(7):55-64.
65. *Gih D^, Bostwick J, Casher M.* The use of T3 in antidepressant augmentation. *Current Psychiatry* 2011;10(7):43-4.
66. *Yu MA, Bostwick JR, Hallman I.* Warfarin drug interactions: strategies to minimize adverse drug events. *The Journal for Nurse Practitioners* 2011;7(6):506-12.
67. *Howell HR, McQueeney M, Bostwick JR.* Prescription sleep aids for the treatment of insomnia. *US Pharmacist* 2011;36(1):62-6.
68. *Bostwick J.* The heart of depression: treating patients who have cardiovascular disease. *Current Psychiatry* 2011;10(1):31-4.
69. *Casher M, Bostwick J, Feurino L^.* When is lamotrigine a good choice? *Current Psychiatry* 2010;9(10):90-1.
70. *Allen KS, Bostwick JR.* Role of hyperparathyroidism in the management of depression and anxiety. *Journal of the American Psychiatric Nurses Association* 2010;16(2):101-4.
71. *Bostwick JR, Guthrie SK, Ellingrod VL.* Antipsychotic-induced hyperprolactinemia. *Pharmacotherapy* 2009;29(1):64-73.
72. *Bostwick JR, Diez HL.* Optimizing care for patients with depression in the community pharmacy setting. *US Pharmacist* 2008;33(11):24-28.

73. **Bostwick J**, Howell H, Brady M. Beginning your career in academia at a new college of pharmacy. *American Journal of Health-System Pharmacy*. 2008;65:1694-8.
74. Casher M, **Bostwick J**. LITHIUM: Using the comeback drug. *Current Psychiatry* 2008;7(5):59-60.

Book Chapters:

1. Gardner KN, **Bostwick JR**, Crouse EL. Posttraumatic Stress Disorder and Obsessive-Compulsive Disorder. In: DiPiro JT, Yee GC, Michael Posey LL, Haines ST, Nolin TD, Ellingrod VL. eds. *DiPiro: Pharmacotherapy A Pathophysiologic Approach*, 12e. McGraw Hill; 2021. Accessed May 04, 2022. <https://accesspharmacy-mhmedical-com.proxy.lib.umich.edu/content.aspx?bookid=3097§ionid=264561240>
2. **Bostwick J**. Anxiety and anxiety-related disorders. In: Ehret M, et al. *CPNP Psychiatric Pharmacotherapy Review*. 2020-2021 ed. Lincoln (NE): College of Psychiatric and Neurologic Pharmacists; 2020.
3. **Bostwick J**. Anxiety and anxiety-related disorders. In: Chavez B, et al. *CPNP Psychiatric Pharmacotherapy Review*. 2018-2019 ed. Lincoln (NE): College of Psychiatric and Neurologic Pharmacists; 2018.
4. **Bostwick JR**, Gardner KN. Anxiety disorders. In: Zeind CS, Carvalho MG, eds. *Applied Therapeutics: the clinical use of drugs*. 11th ed.; Lippincott Williams & Wilkins; 2017.
5. Belmonte DC, **Bostwick J**, Rosinski AB. Managing behavioral disturbances with psychoactive medications: dos, don'ts, and maybes. In: Williams BC, Malani PN, Wesorick DH, eds. *Hospitalists' Guide to the Care of Older Patients*. Hoboken, New Jersey: John Wiley & Sons, Inc.;2013:93-114.
6. Guthrie SK, **Bostwick, JR**. Anxiety Disorders. In: Alldredge BK, Corelli RL, Ernst ME, Guglielmo BJ, Jacobson PA, Kradjan WA, Williams BR, eds. *Koda-Kimble & Young's Applied Therapeutics: the clinical use of drugs*. 10th ed. Philadelphia, PA: Lippincott Williams & Wilkins;2013:1863.
7. Erickson SR, **Bostwick JR**, Guthrie SK. Psychological symptoms associated with cardiovascular drugs; cardiac symptoms from psychiatric drugs; drug interactions. In: Riba M, Wulsin L, Rubenfire M, Ravindranath D, eds. *Psychiatry and heart disease: the mind, brain, and heart*. 1st ed. West Sussex, UK: John Wiley & Sons; 2011.

Non-Peer Reviewed Publications:

1. Beecher H*, Rigelsky J, **Bostwick J**. LECOM: The community is our campus. *AACP News* 2007;38(6):8.
2. **Bostwick J**. Appropriate management of agitation in the outpatient setting. *Erie VAMC Pharmacy Facts Newsletter*, December 2006.

Selected Presentations

Invited Lectures and Presentations

1. Caley CF, Cates ME, Harris SC, **Bostwick JR**, Goldstone LW. De-stigmatization of Mental Health Conditions – Considerations for U.S. Pharmacy Curricula. *American Association of Colleges of Pharmacy Annual Meeting*. Virtual. July 13-31, 2020.
2. Desprez M, Pelhke J, Mason N, **Bostwick JR**. Well-Being in Academic Affairs: A Case Study in Collaboration Integration and Customization. 2020 NASPA Strategies Conferences: Alcohol, Other Drug, and Campus Violence Prevention Conference;

- Mental Health Conference; Sexual Violence Prevention and Response Conference; and Well-being and Health Promotion Leadership Conference. New Orleans, Louisiana. January 17, 2020.
3. Innovative Use of Students in Inpatient and Ambulatory Practices. Michigan Pharmacists Association Annual Convention & Exposition, Detroit, MI, February 22, 2019.
 4. IPPEs and APPEs: Incorporating Psychiatry and Neurology. CPNP Teaching Community Webinar Series, January 10, 2018.
 5. Psychiatry: Frequently Asked Questions. Michigan Pharmacists Transforming Care and Quality (MPTCQ) Hot Topics Webinar Series, Ann Arbor, MI, June 30, 2017.
 6. Best Practices in Generalized Anxiety Disorder. MPTCQ Hot Topics Webinar Series, Ann Arbor, MI, March 31, 2017.
 7. Depression: PHQ Assessment and Review of Pharmacotherapy. MPTCQ Winter Meeting, Midland, MI, January 20, 2017.
 8. Outpatient Psychopharmacology Considerations. Psychiatry Summer Grand Rounds at Michigan Medicine, Ann Arbor, MI, July 27, 2016 – present.
 9. Best practices in Generalized Anxiety Disorder and Social Phobia. Advanced Psychopharmacology Webinar Series, Ann Arbor, MI, October 12, 2016.
 10. Geriatric Psychopharmacology. Geriatric Psychiatry Fellowship Core Curriculum at Michigan Medicine, Ann Arbor, MI, February 3, 2016.
 11. Identifying and Preventing Adverse Drug Events Associated with Psychotropic Medications. American College Health Association 2016 Annual Meeting, San Francisco, CA, June 2, 2016.
 12. Psychopharmacology Resources, Psychiatry Summer Grand Rounds at Michigan Medicine, Ann Arbor, MI, July 2014 – present.
 13. Psychopharmacology. Psychosomatic PGY2 Psychiatry Resident Core Curriculum at Michigan Medicine, Ann Arbor, MI. 2013-2014.
 14. Psychotropic Drug Interactions. PGY4 Psychiatry Fellow Core Curriculum at Michigan Medicine, Ann Arbor, MI, May 2008 – present.
 15. Psychopharmacotherapy and Common Medical Conditions. PGY4 Psychiatry Fellow Core Curriculum at Michigan Medicine, Ann Arbor, MI, May 2009 to 2016.
 16. Psychopharmacology. Third year medical student orientation program, University of Michigan Medical School, Department of Psychiatry, Ann Arbor, MI, December 2012.
 17. Psychopharmacology: The Basics. Mental Health Interpreting Course, Ann Arbor, MI, November 2012.
 18. Using Older Antidepressants in Practice Today: Focus on Tricyclic Antidepressants and Monoamine Oxidase Inhibitors. Psychiatry Summer Grand Rounds at Michigan Medicine, Ann Arbor, MI, August 2012.
 19. Implementation of Active Learning Strategies. Round Table Discussion Panelist, University of Michigan College of Pharmacy, Ann Arbor, MI, May 2010.
 20. Medication Education. Presentation to clinical staff on the adult inpatient psychiatry unit, Michigan Medicine, Ann Arbor, MI, February 2008.
 21. Metabolic Monitoring of Second Generation Antipsychotics. Provided education and information on new monitoring program to behavioral health staff at the Erie VAMC, Erie, PA, April 2007.
 22. Pharmacological Toxicity and Drug Interactions of Psychoactive Medications. Educational program provided to second year medical residents at Millcreek Hospital, Erie, PA, October 2006 and August 2007.
 23. Antipsychotic Medication Use in Transitions of Care: A Historical Perspective with Practical Considerations for the Use of Clozapine and Long-Acting Injectables.

- Michigan Society of Health-System Pharmacists Annual Meeting, Troy, MI, November 6, 2015.
24. Consequences of Consuming Certain Psychotropics: Managing the Calamity, Southeast Society of Health-System Pharmacists Meeting, Livonia, MI January 8, 2014.
 25. Identifying and preventing adverse drug events with psychotropic medications, American College Health Association Annual Meeting. Chicago, IL, May 2012.
 26. Pharmacogenomics and Antidepressants: Realized Dream or Great Expectation? Michigan Society of Health-System Pharmacists Annual Meeting, Grand Rapids, MI, November 5, 2010.
 27. Scientific Evidence Supporting Prescription Practices, Panelist, Michigan Psychiatric Society, jointly sponsored by the American Psychiatric Association, Fall Scientific Meeting, Grand Rapids, MI, October 29, 2010.
 28. Using Older Antidepressants in Practice Today: Focus on Tricyclic Antidepressants and Monoamine Oxidase Inhibitors. Michigan Psychiatric Society, jointly sponsored by the American Psychiatric Association, Fall Scientific Meeting, Grand Rapids, MI, October 29, 2010.
 29. Onset of Response and Switching of Antipsychotic Medications. 16th Annual Midwest Neuropsychopharmacology Update, Indianapolis, IN, September 2010.
 30. The Pharmacotherapy of Depression: Antidepressants and Beyond. Michigan Pharmacists Association (MPA) Annual Convention and Exposition, Detroit, MI, February 2009.
 31. The Pharmacotherapy of Depression: Antidepressants and Beyond. Northwestern Chapter of the Pennsylvania Society of Health-System Pharmacists (NWPSHP), Erie, PA, September 11, 2008.
 32. An Antipsychotic Update: What's Old, What's New, and How It Pertains to You. Northwestern Chapter of the Pennsylvania Society of Health System Pharmacists (NWPSHP), Erie, PA, April 2006.
 33. Alzheimer's Dementia. Accredited continuing education lecture broadcasted to medical facilities within Kaiser Permanente, Colorado Region, May 2005.

Scientific Presentations and Posters (presenter(s) underlined)

1. Bostwick JR, Nelson M, Sweet B, Mueller B. Building Community and Connection to Address Student Well-Being. AACP Virtual Pharmacy Education 2021 Annual Meeting, July 19-22.
2. Kadouh N*, Poyer AK*, Smith MA, **Bostwick JR**. The future of academia: Does burnout affect PharmD students' attitudes towards pursuing an academic career? AACP Virtual Pharmacy Education 2021 Annual Meeting, July 19-22.
3. Powell K*, Mason N, Gayar L, Marshall V, **Bostwick JR**. Impact of a pilot elective course to address student pharmacist well-being. Health Professions Education Day, University of Michigan, Ann Arbor, MI, April 6, 2021.
4. Collins C*, Goel S, **Bostwick J**, Patterson V. Health science schools' wellness initiatives. Health Professions Education Day, University of Michigan, Ann Arbor, MI, April 6, 2021.
5. Dulellari S*, **Bostwick J**, Mason N, Vesey M. Needs assessment and impact of mental health training among doctor of pharmacy students. American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition. Virtual Experience, December 6-10, 2020.
6. Cohen S*, **Bostwick JR**, Marshall VD, Kruse K, Patel P. Effect of a computerized best practice alert system in an outpatient setting on metabolic monitoring in patients on

- second generation antipsychotics. American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 8-12, 2019.
7. Rahman M*, Klein K, **Bostwick JR**, Bazzell B. Compliance of residency teaching certificate programs with ACCP White Paper: Guidelines for resident teaching experiences. American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 8-12, 2019.
 8. Storey R*, Choi SJ, Parikh SV, **Bostwick JR**. Psychiatric prescribing patterns for depression treatment in an outpatient depression clinic. American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 8-12, 2019.
 9. Thelen M*, Mason N, **Bostwick JR**. Assessment of mental health in pharmacy and dental students. American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 8-12, 2019.
 10. Funk MC, **Bostwick JR**, Beach S. These are the droids you're looking for: an expert course on QTc, ECG, psychotropic medications and other jedi mind tricks. [Workshop] American Psychiatric Association Annual Meeting. San Francisco, CA. May 21, 2019.
 11. Caratelli LA*, **Bostwick JR**, Templin T, Fitzgerald M, Filter MS, Ginier E. Evaluation of an interprofessional seminar pilot course to enhance collaboration between professionals at a student-run clinic for underserved populations. American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, Anaheim, CA, December 2-6, 2018.
 12. Fitzgerald M, Templin T, **Bostwick JR**, Filter MS, Ginier E. Preparing professionals for IPE: an interprofessional collaboration seminar with free clinic experiences. Midwest Interprofessional Practice, Education, and Research Conference. Grand Valley State University, Allendale, MI. September 20 & 21, 2018.
 13. Kumar PS*, **Bostwick JR**, Klein KC. A pilot program featuring formative peer review of faculty at a College of Pharmacy. American Association of Colleges of Pharmacy Annual Meeting. Boston, MA, July 22, 2018.
 14. Funk MC, **Bostwick JR**, Khandai AC. Clinical considerations from the APA council on consultation-liaison psychiatry workgroup on QTc prolongation and psychotropic medications. [Workshop] American Psychiatric Association Annual Meeting. New York, NY, May 6, 2018.
 15. Kumar PS*, Choi SJ*, Storey R*, **Bostwick JR**. A pilot implementing an introductory pharmacy practice experience in ambulatory psychiatry focused on performing medication reconciliation and obtaining treatment history. College of Psychiatric and Neurologic Pharmacists Annual Meeting, Indianapolis, IN, April 23, 2018.
 16. **Bostwick JR**, Filter MS, Ginier E, Templin T, Fitzgerald M. Pilot interprofessional collaboration seminar with free clinic experiences. Health Professions Education Day, University of Michigan, Ann Arbor, MI, April 3, 2018.
 17. Inglehart M, Belmonte DC, **Bostwick JR**, DeSena D, Furgeson D, Kuzma E, Patel M, Yorke A. An interprofessional education approach to teaching motivational interviewing to students from 8 health profession schools: a work in progress. Health Profession Education Day, University of Michigan, Ann Arbor, MI, April 3, 2018.
 18. Kuzma E, Yorke A, Belmonte D, **Bostwick JR**, DeSena D, Furgeson D, Inglehart M, Patel M. Revision of the interprofessional education – motivational interviewing (IPE-MI) workshop: creating a robust interprofessional experience. Health Profession Education Day, University of Michigan, Ann Arbor, MI, April 3, 2018.
 19. Coe AB, Thompson AN, **Bostwick JR**. Provider perceptions of pharmacists providing mental health medication-related support in patient-centered medical homes. American Pharmacists Association Annual Meeting & Exposition, Nashville, TN, March 2018.

20. Furgeson D, Kuzma E, DeSena D, Yorke A, Belmonte DB, **Bostwick J**, Resnicow K, Inglehart MR. Motivational interviewing for eight health profession school students: program evaluations. American Dental Education Association (ADEA) Meeting, Orlando, FL, March 2018.
21. Stencel NL*, Ives RC*, Lindell VA, **Bostwick JR**. Defining and evaluating clinical pharmacy services in an ambulatory psychiatry setting. American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, Orlando, FL, December 3-7, 2017.
22. Tang SS*, Jaward L*, Ward K*, Parikh SV, **Bostwick JR**. Impact of a student pharmacist driven medication reconciliation and antidepressant treatment history project at a depression clinic: a pilot study. American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, Orlando, FL, December 3-7, 2017.
23. Farris KB, **Bostwick JR**. Diversity, Equity, and Inclusion in the College of Pharmacy Curriculum. Faculty Communities for Inclusive Teaching. Ann Arbor, MI, November 16, 2017.
24. Tang SS*, Jaward L*, Ward K*, Parikh SV, **Bostwick JR**. Impact of a student pharmacist driven medication reconciliation and antidepressant treatment history project at a depression clinic: a pilot study. 28th Annual Albert J. Silverman Research Conference, Ann Arbor, MI, May 31, 2017.
25. Tang SS*, Jaward L*, Ward K*, Parikh SV, **Bostwick JR**. Impact of a student pharmacist driven medication reconciliation and antidepressant treatment history project at a depression clinic: a pilot study. American College of Clinical Pharmacy Virtual Poster Symposium. May 17, 2017.
26. Inglehart MR, Belmonte DC, **Bostwick J**, DeSena D, Furgeson D, Kuzma E, Malas N, Resnicow K, Yorke A. An Interprofessional Education Approach to Teaching Motivational Interviewing to Students from Nine Health Profession Schools: An Overview of Students' Program Evaluations. Health Profession Education Day, University of Michigan, Ann Arbor, MI, April 13, 2017.
27. DeSena D, Kuzma EK, **Bostwick JR**, Malas N, Inglehart MR, Belmonte DC, Yorke A, Furgeson D, Resnicow K, Koel D. Teaching Motivational Interviewing in an Interactive Interprofessional Format: A Pilot Workshop Series. Health Profession Education Day, University of Michigan, Ann Arbor, MI, April 13, 2017.
28. **Bostwick JR**, Ellis D, Filter MS, Ginier E, Templin T, Shereda G. Interprofessional education seminar and clinical experience at a medical student run free clinic. Health Profession Education Day, University of Michigan, Ann Arbor, MI, April 13, 2017.
29. Dopheide J, **Bostwick J**, Goldstone L, Gable K, Thomas K, Cates M, Smith T, Caballero J, Nemire R, Bainbridge J. A 2015 survey of pharmacy curriculum in psychiatry and neurology in the United States. College of Psychiatric and Neurologic Pharmacists Annual Meeting, Colorado Springs, CO, April 17-20, 2016.
30. Dopheide J, Goldstone L, **Bostwick J**, Thomas K, Caballero J, Smith T, Cates M, Gable K, Nemire R, Bainbridge J. A curriculum survey of CPNP members with BCPP credentials and academic affiliation. College of Psychiatric and Neurologic Pharmacists Annual Meeting, Colorado Springs, CO, April 17-20, 2016.
31. Lypson ML, Ross PT, Purkiss J, Buckler S, Murdoch-Kinch CA, Tingen JM, House JB, Inglehart MR, Liu M, **Bostwick J**, Fitzgerald M. Developing an Interprofessional Education (IPE) Patient-Centered Communications Skills Checklist: The Work of an Interprofessional Faculty Development Team. International Conference on Communication in Healthcare (ICCH), New Orleans, LA, October 2015.
32. **Bostwick JR**, Bowling A*, Albano M*, Wiese K*, Choe HM, Fluent TE. A pharmacist-led initiative for telephone medication reconciliation in the setting of an ambulatory

- psychiatry clinic. 2015 Albert Silverman Research Conference, Ann Arbor, MI. May 27, 2015.
33. **Bostwick JR**, Bowling A*, Albano M*, Wiese K*, Choe HM, Fluent TE. A pharmacist-led initiative for telephone medication reconciliation in the setting of an ambulatory psychiatry clinic. College of Psychiatric and Neurologic Pharmacists Annual Meeting, Tampa, FL, April 19-22, 2015.
 34. **Johnson JM***, Winder GS[^], Wu CY, Casher MI, **Bostwick JR**. The effects of cannabis on inpatient agitation, aggression, and length-of-stay in patients with schizophrenia, schizoaffective disorder, and bipolar disorder. College of Psychiatric and Neurologic Pharmacists Annual Meeting, Tampa, FL, April 19-22, 2015.
 35. **Murdoch-Kinch CA**, Lypson M, Ross PT, Purkiss J, Buckler S, Tingen JM, House JB, Inglehart MR, Liu M, **Bostwick JR**, Fitzgerald M. Interprofessional faculty development: train the trainer for patient-centered communication. 2015 American Dental Education Association Annual Session and Exhibition. Boston, MA, March 7-10, 2015.
 36. Thomas SJ*, Shin M, McInnis M, **Bostwick JR**. Monoamine oxidase inhibitors combined with other antidepressant medications: a case series. College of Psychiatric and Neurologic Pharmacists Annual Meeting. Phoenix, AZ, April 27-30, 2014.
 37. **Thomas SJ***, Shin M, McInnis M, **Bostwick JR**. Monoamine oxidase inhibitors combined with other antidepressant medications: a case series. ASHP Midyear, Orlando, FL, December 8-12, 2013.
 38. **Thomas SJ***, Shin M, McInnis M, **Bostwick JR**. Monoamine oxidase inhibitors combined with other antidepressant medications: a case series. American College of Clinical Pharmacy Virtual Poster Symposium, May 21-22, 2013.
 39. Kraft SL, Baker N*, Carpenter J*, **Bostwick JR**. Procarbazine and antidepressants. A retrospective evaluation of the risk of serotonin syndrome. College of Psychiatric and Neurologic Pharmacists Annual Meeting, Tampa, FL, April 29-May 2, 2012.
 40. **Belmonte DC**, **Bostwick JR**, Hallman I, DeMars C, Patterson G. Multidisciplinary perspectives on care of the elderly patient in a general adult inpatient psychiatry unit. Workshop presentation at the American Psychiatric Association 165th Annual Meeting, Philadelphia, PA, May 2012.
 41. Poellet N, **Lucas A**, **Bostwick JR**, Coucouvanis J, Dalack G, Evans S, Kaston M, Fluent T, Glick R, Grasso I, Lindahl C, Smith J. Metabolic monitoring in outpatient psychiatry. Quality Month Exhibition, Ann Arbor, MI, October 18-20, 2011.
 42. **Belmonte DC**, **Bostwick JR**. Computerized physician order entry for geriatric patients admitted to a university-based inpatient psychiatry unit. American Association for Geriatric Psychiatry Annual Meeting, San Antonio, TX, March 18-21, 2011.
 43. **Hallman I**, Lynch-Sauer J, **Bostwick J**, Kraft M, Nelson K, Preston M, Husby L. Characteristics of patient fallers on an inpatient psychiatric unit. 2nd Annual Nursing Research Partnership Conference, Ann Arbor, MI, September 28-29, 2010.
 44. **DelMonte MT**, **Bostwick JR**, Bess JD, Dalack GW. Evaluation of a computer-based intervention to enhance metabolic monitoring in adult psychiatry inpatients treated with second-generation antipsychotics. 21st Annual Albert J. Silverman Research Conference, Ann Arbor, MI, May 12, 2010.
 45. **DelMonte M**, **Bostwick J**. Evaluation of a computer-based intervention to enhance metabolic monitoring in psychiatric inpatients treated with second-generation antipsychotics. 44th American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, Las Vegas, NV, December 6-10, 2009.
 46. **Sturis Hallman I**, **Bostwick J**, Kraft M, Nelson K, Preston, M. A look at falls on an inpatient psychiatric unit. Exercising Lean Thinking: Strengthening our core values

- through process improvement. Quality Month Exhibition, University of Michigan Health System, Ann Arbor, MI, October 28, 2009.
47. Rigelsky JM, Sarkar S, Cook E, **Bostwick JR**, O'Brocta RF. Exposing doctor of pharmacy students to an academic career through a teaching elective. American Association of Colleges of Pharmacy Annual Meeting and Seminars, Chicago IL, July 2008.
 48. **Bostwick JR**. A Descriptive Study of Metabolic Monitoring in Patients Treated with Second Generation Antipsychotics in a Managed Care Setting. Western States Residency Conference, Pacific Grove, CA, May 2005.
 49. Kingsbury J. Outside the Black Box: A Closer Look at Antidepressant Use in Children and Adolescents. Roundtable discussion presented to clinical pharmacy services and co-residents, Kaiser Permanente, Denver, CO, February 2005.
 50. Kingsbury J. FDA Black Box Safety Warnings for Antidepressant Use Among Children and Adolescents: Practical Implications. Regional Psychiatric Update for Psychiatrists, Nurses and other Mental Health Professionals, Kaiser Permanente of Colorado, Denver, CO, November 2004.

Grants

Bostwick JR (PI), Parikh S (co-PI). Improving psychiatric medication use: The Michigan e-Psychopharmacology course for nurse practitioners. Ethel and James Flinn Foundation, Grantmaking opportunities. Award: \$50,000.

Farris KB (Faculty Lead), **Bostwick JR** (Co-Lead). Expanding the Quantity and/or Depth of Diversity, Equity and Inclusion Content/Activities in two College of Pharmacy Course Sequences. Faculty Communities for Inclusive Teaching initiative grant. Center for Research on Learning and Teaching (CRLT), Award: \$1,000.

Parikh SV (Faculty Lead), **Bostwick JR** (Co-Lead). E-Learning course in advanced psychopharmacology for psychiatrists. Continuing Medical Education Innovation Grants, Award: \$14,746.

Lypson ML (PI), Murdoch-Kinch CA, Fitzgerald M, Tingen JM, House J, Purkiss J, Buckler S, Inglehart MR, Liu M, **Bostwick J**, Ross PT. Interprofessional faculty development for patient-centered communication skills in health sciences. CRLT Faculty Development Fund, Award: \$9,948.

Sturis Hallman I, Lynch-Sauer J, **Bostwick JR**. Music Not Medications. UMHS Fostering Innovation Grants Committee, Award: \$500

Didactic Responsibilities

University of Michigan College of Pharmacy, Ann Arbor, MI:

| | |
|--------------|---|
| 2022 | P714 Team-Based Clinical Decision Making, Facilitator (2 lecture hours) |
| 2022-present | P617 Foundations of Pharmacy Leadership, Course Co-Creator and Co-Director (1 credit elective) |
| 2021-present | Co-Creator, Well-Being & Academic Success Online Seminars (monthly webinar series) <ul style="list-style-type: none"> • Session lead: Redefine Success: Reach Out, Reduce Stress |
| 2020-present | Lifelong Learning Course Series for all PharmD students, Course Director |
| 2020-present | P501 Introduction to Pharmacy (4 lecture hours) |
| 2019-present | P507 Well-being for Professional Success, Course Co-Creator and Co-Director (2 credit elective) |
| 2018-present | MC700 Medicinal Chemistry Capstone Session Discussant (2 lecture hours) |
| 2012-present | P704 Ethics and Evidence Based Medicine, Clinical decision making with placebo-controlled trials (2 lecture hours) |
| 2010-present | P506 Patient Care and Communication, Course Co-Creator and Director (2010-2012, 2018-present), Course co-Director (2013-2017); (11 lecture hours, 42 laboratory hours) |
| 2009-present | P569 PharmD Investigations, Primary preceptor for student research projects <u>Class of 2025</u> : Lisa Pierce <u>Class of 2023</u> : Marissa Camilleri, Hannah Darmofal <u>Class of 2022</u> : Nour Kadouh, Alyssa Poyer <u>Class of 2021</u> : Melissa Vesey, Suada Dulellari <u>Class of 2020</u> : Sarah Choi, Roberta Storey, Sydnee Cohen <u>Class of 2019</u> : Christopher DeBiase <u>Class of 2018</u> : Rachel Ives, Leanna Jaward, Nicole Stencel, Stella Tang <u>Class of 2017</u> : Marie Albano, Lan Le <u>Class of 2016</u> : Jade Lee <u>Class of 2015</u> : Joseph Johnson, Joslyn Neal <u>Class of 2014</u> : Samantha Thomas <u>Class of 2012</u> : Nicole Baker |
| 2009-present | P730 Pharmacy Student Seminar Preceptor (2 students every year) |

Didactic Responsibilities

University of Michigan College of Pharmacy, Ann Arbor, MI:

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| 2008-present | P727 Career and Professional Development (Participate in mock interviews for 2 students every year) |
| 2018-2020 | P621 Pharmacotherapeutics 2 - School of Nursing (12 lecture hours) |
| 2017-2019 | Interprofessional Collaboration Seminar, co-developed this seminar course with free clinic experiences |
| 2016-2019 | Interprofessional Motivational Interviewing Workshop (6 hours annually) |
| 2009-2014 | P621 Pharmacotherapeutics for Primary Care - School of Nursing (12 lecture, 4 discussion hours) |
| 2010 | P432 Pathophysiology and Therapeutics II (4.5 lecture hours) |
| 2009 | P432 Pathophysiology and Therapeutics II (3 lecture hours) |
| 2008-2009 | P425 Service-Learning for Health Professionals, Course Director (16 lecture hours) |

LECOM School of Pharmacy, Erie, PA:

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|-----------|--|
| 2006-2007 | Pharmacotherapeutics IV (15 lecture hours, 5 laboratory hours) |
| 2006-2007 | Pharmacist-Provided Care, Course Coordinator (16 lecture hours) |
| 2007 | Pharmacotherapeutics III, Applied Pharmaceutical Care III (8 laboratory hours) |
| 2007 | Effective Communication in Pharmacy Practice (4 laboratory hours) |
| 2006 | Pharmacotherapeutics Teaching Elective, Course co-Coordinator |

Experiential Rotation Responsibilities

University of Michigan College of Pharmacy, Ann Arbor, MI:

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|--------------|--|
| 2008-present | Advanced Pharmacy Practice Experience (APPE) Preceptor for Doctor of Pharmacy Students (primary unless noted) |
| | Non-traditional teaching skills |
| | 2023 (1 as secondary) |
| | 2022 4 students (plus 1 secondary) |

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| 2021 | 3 students (plus 2 as secondary) |
| 2020 | 2 students (plus 3 as secondary) |
| 2016 | 1 student (secondary preceptor) |

Psychiatry and Pain/Palliative Care – Ambulatory Care

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|------|----------------------------------|
| 2020 | 2 students (plus 1 as secondary) |
| 2019 | 2 students (plus 3 as secondary) |

Non-traditional ambulatory care administration

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| 2019 | 2 students |
| 2017 | 4 students |
| 2016 | 1 student |

Ambulatory Care

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| 2016 | 2 students (secondary preceptor) |
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UMHS Inpatient Adult Psychiatry

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| 2015-2016 | 7 students |
| 2014-2015 | 8 students |
| 2013-2014 | 7 students |
| 2012-2013 | 4 students |
| 2011-2012 | 6 students |
| 2010-2011 | 4 students |
| 2009-2010 | 7 students |
| 2008-2009 | 8 students |

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| 2018-2019 | Introductory Pharmacy Practice Experience (IPPE) Preceptor for second year Doctor of Pharmacy Students 6 students per year |
| 2015-2019 | Introductory Pharmacy Practice Experience (IPPE) Preceptor for third year Doctor of Pharmacy Students Michigan Medicine Ambulatory Psychiatry, 4 students per year |
| 2009-2014 | IPPE Preceptor for Doctor of Pharmacy Students UMHS medicine services, 1 or 2 students every year |

Michigan Medicine, Ann Arbor, MI:

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|--------------|---|
| 2012-present | Preceptor, Michigan Medicine Pharmacy Practice Residents Teaching/Administrative Rotation (or longitudinal experience) |
| 2021 | Colin Finley, PharmD |
| 2020 | Anisa Bici, PharmD Carolanne Wartman, PharmD Mo-Yee Fung, PharmD (longitudinal) |
| 2015 | Suhail Shaikh, PharmD |
| 2014 | Caitlin Early, PharmD |
| 2013 | Emily Ashjian, PharmD Lisa Scherkenbach, PharmD |
| 2012 | Kylee Funk, PharmD |

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| 2011-present | Mentor, Michigan Medicine Pharmacy Resident |
| 2020 | Megan Klatt, PharmD (chosen) Autumn Walkerly, PharmD (chosen) Roberta Wilson, PharmD (chosen) Caitlyn Young, PharmD (chosen) |
| 2018 | Megan O'Connell, PharmD (chosen) |
| 2017 | Sarah Goldsborough, PharmD (chosen) Megan Lim, PharmD (chosen) Alex Bixby, PharmD (writing) |
| 2016 | David Dadiomov, PharmD (writing) Jessika Richards, PharmD (chosen) |
| 2015 | Alexis Bylina, PharmD (writing) Caitlin Early, PharmD (chosen) Nada Farhat, PharmD (writing) Valerie Palmer, PharmD (research) |
| 2014 | Emily Ashjian, PharmD (chosen) Bonnie Kaminsky, PharmD (writing) |
| 2013 | Natalia Jasiak, PharmD (writing) |
| 2012 | Kylee Funk, PharmD (writing) Jennifer Lose, PharmD (chosen) |
| 2015-2020 | Preceptor, UMHS Longitudinal Ambulatory Care Resident and PGY1 Michigan Medicine Rotation in Ambulatory Psychiatry |
| 2020 | Emily Johengen, PharmD (longitudinal) Brad Vincent, PharmD (longitudinal) |
| 2019 | Joe Cusimano, PharmD (longitudinal) Katie Cho, PharmD (longitudinal) |
| 2018 | Samantha Maryan (longitudinal) Jacqueline Vonderhaar (longitudinal) Marina Maes, PharmD (month block) Megan Lim, PharmD (month block) |
| 2017 | Nada Farhat, PharmD (longitudinal) Sarah Aldrich, PharmD (longitudinal) Amber Rollins, PharmD (longitudinal) Sarah Goldsborough, PharmD (longitudinal, year) |
| 2016 | Jessica Fennelly, PharmD (longitudinal) Valerie Palmer, PharmD (longitudinal) |
| 2015 | Erika Perpich, PharmD (longitudinal) |
| 2016 | Preceptor, Inpatient Psychiatry, University of Florida College of Pharmacy Working Professional PharmD Program |
| 2016 | Cathy Poirier, RPh |
| 2008-2016 | Preceptor, Michigan Medicine Pharmacy Practice Residents Inpatient Adult Psychiatry |
| 2016 | Nada Farhat, PharmD |
| 2014 | Lisa Scherkenbach, PharmD Anna Polso, PharmD |
| 2013 | Bernard Marini, PharmD Meghan McComb, PharmD |

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| | Alison Palumbo, PharmD |
| | Natalia Jasiak, PharmD |
| 2012 | Beth Kelley, PharmD |
| | Brad Williams, PharmD |
| 2011 | Marie Yu, PharmD |
| | Melinda Tran, PharmD |
| 2010 | Marcy DelMonte, PharmD |
| | Melissa Carroll, PharmD |
| | Alexander Fohl, PharmD |
| 2009 | Maria Guido, PharmD |
| 2008 | Kelan Thomas, PharmD |

LECOM School of Pharmacy, Erie, PA:

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| 2005-2007 | Preceptor, Doctor of Pharmacy Students Ambulatory behavioral health clinical rotation |
| 2006-2007 | 12 students |
| 2005-2006 | 11 students |
| 2006-2007 | Preceptor, Pharmacy Practice Residents Academic and behavioral health clinical rotations |
| 2007 | Michael Kuneman, PharmD |
| | Maureen Brady, PharmD |
| 2006 | Stephanie Clapp, PharmD |

Professional Association Memberships

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| 2018-present | American Association of Colleges of Pharmacy 2021-2022: Selected for the Academic Leadership Fellows Program 2021-2022: Mentor, AACP Walmart Scholars (Mentee: Nour Kadouh) |
| 2003-present | College of Psychiatric and Neurologic Pharmacists (CPNP) |
| 2008-2017 | Michigan Pharmacists Association (MPA) 2008-2017: Speakers Bureau |
| 2003-2009 | American Society of Health-System Pharmacists (ASHP) |

Professional Service

CPNP

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| 2018-present | Annual Meeting Director |
| 2022-present | Psychiatric Stewardship Paper Task Force |
| 2022 | Peer Reviewer, Agitation and Aggression in Practice: A Toolkit |
| 2020 | Member, Strategic Planning Volunteer-Presenting Research Group |
| 2019-2020 | Psychiatric Pharmacists Value Paper Task Force, Invited Participant |

2018-2020 Professional Affairs Task Force, Invited Participant
 2018-2019 Author, 2020-2021 Psychiatric Pharmacotherapy Review Course
 2018 Focus Group on Psychopharmacology Pearls and Theory to Practice Products, Invited Participant
 2017-2018 Author, 2018-2019 Psychiatric Pharmacotherapy Review Course
 2017 Past Chair, Program Committee
 2017 Co-Leader, Teaching Community
 2016 Chair, Program Committee
 2016 Nominations Council, Invited Participant
 2015-2016 Vice-Chair, Program Committee
 2015-2016 Past Chair, Student Committee
 2015-2016 Didactic Section Lead, Curriculum in Psychiatry and Neurology Task Force
 2014 Member-at-large Board of Directors Candidate
 2013-2014 Chair, Student Committee
 2011-2012 Vice-Chair, Student Committee
 2011-2012 Field Test Volunteer, 2012 BCPP Examination Review and Recertification Course
 2011-2012 Student Committee representative, Strategic Planning Retreat, Kansas City, MO
 2011-2012 Member, Quarterly Focus Group
 2010 Student Committee
 2007-2010 Membership Committee
 2009 Resource for pharmacists preparing to sit for the BCPP exam
 2009 Live Programming Field Test Volunteer
 2009 Expert Panel Member for BCPP Examination Review and Recertification Course

American Psychiatric Association (APA)

2016-2018 Invited Consultant and Workgroup Member, APA Council for Psychosomatic Medicine Resource Document for QTc Prolongation and Psychotropic Medications

University of Michigan College of Pharmacy

2021-present Member, Values Statement Ad Hoc Committee
 2020-present Lead, Leadership Scholars Program
 2020-present Chair, Academic Standing Committee
 2020-present Co-Chair, Well-being Committee
 2020-present Co-Chair, Student Services Committee
 2020-present Member, Diversity, Equity, and Inclusion Committee – Students with Special Needs Subcommittee
 2020-present Member, Pharmacy Scholars Applicant Review Committee
 2020-present Advisor, Pharmacy Student Government Council
 2020-present Faculty lead, Study Group Program
 2020-present Case Manager, Honor Council
 2015-present Member, Curriculum Assessment Committee
 2021 Member, Department of Clinical Pharmacy Faculty Preceptor of the Year Award Review Committee
 2018-2019 Member, Student Well-being Committee
 2019-2020 Chair, Workgroup reviewing clinical promotion guidelines

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| 2016-2019 | Member, Therapeutics Problem Solving Sub-Committee |
| 2019 | Chair, Department of Clinical Pharmacy Faculty Preceptor of the Year Award Review Committee |
| 2019 | Chair, Ad Hoc Promotion Review Committee |
| 2019 | CEImpact "Learn to Teach in Practice" Preceptor Development Program |
| 2016-2018 | Convener, Launch Committee |
| | 2017-2018: Hajime Sasaki, DDS, PhD (Dentistry) |
| | 2016-2017: Kevin Jones, PhD (Pharmacology) |
| 2016-2017 | Co-Chair, Faculty Development Committee |
| 2016-2017 | Member, ExamSoft Implementation Team |
| 2015-2017 | Member, Executive Committee |
| 2014-2016 | Member, Admissions Committee |
| 2011-2016 | Member, Clinical Skills Team |
| 2015 | Chair, Search Committee for Clinical Assistant/Associate/Full Professor in Primary Care/Patient-Centered Medical Home (external search) |
| 2015 | Chair, Search Committee for Clinical Assistant Professor in Ambulatory Care (internal search) |
| 2013 | Member, Ad hoc Promotion Committee |
| 2011-2014 | Member, Educational Outcomes Taskforce |
| 2011-2013 | Faculty Director and Organizer of the American Pharmacists Association-Academy of Student Pharmacists (APhA-ASP) Patient Counseling Competition |
| 2009-2011 | Co-advisor, APhA-ASP |
| 2010 | Participant, Pilot Program for Formative Mentoring to Increase Teaching Effectiveness (FMITE) |
| 2010 | Chair, Communications Workgroup (Subcommittee of Curriculum Committee) |
| 2009-2011 | Faculty Development Committee (FDC) |
| 2009-2010 | Judge, APhA-ASP Student Counseling Competition |
| 2008 | Admissions Committee |
| 2008 | Judge, ASHP Clinical Skills Competition |

University of Michigan

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| 2021-2022 | Invited member, Wellness Coaching/Well-being Academy Work Team |
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Michigan Medicine

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| 2016-2018 | Member, Pharmacy Advancement Initiative/Practice Model Subcommittee |
| 2013 | Instituted the Invega Sustenna® inpatient free trial program cost savings initiative |
| 2013 | MiChart orderset content expert team reviewer for adult psychiatry, child psychiatry, and child behavioral health |
| 2013 | Pharmacy Benefits Advisor |
| 2012 | Co-author and consultant, FDA alert for citalopram dosing |
| 2009-2018 | Ambulatory Psychiatry Metabolic Monitoring Workgroup |
| 2009-2016 | Interdisciplinary Restraint Group |
| 2011 | Created a geriatric psychiatry admissions order set in coordination with a geriatric psychiatrist |
| 2010 | Co-author, Adjunct medications for sleep in non-pregnant adult patients |
| 2010 | Consultant, Depression Guideline Team |

LECOM School of Pharmacy

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| 2006-2007 | Curriculum Committee |
| 2006-2007 | Faculty advisor and judge for top ten finalist (2007), APhA-ASP Counseling Competition |
| 2006-2007 | Faculty advisor and founder, ASHP Clinical Skills Competition |
| 2005-2007 | Admissions Committee |
| 2006-2007 | Search Committee Co-Chair |
| 2006-2007 | Residency Committee |
| 2006-2007 | Experiential Quality Assurance Committee |
| 2006-2007 | Faculty mentor for eleven students' graduation seminar/poster |
| 2005-2007 | Faculty advisor, Rho Chi Pharmacy Honor Society |
| 2005-2007 | Faculty advisor for thirty-seven doctor of pharmacy students |

Professional Reviewer

Currents in Pharmacy Teaching and Learning
American Journal of Health-System Pharmacy
Annals of Pharmacotherapy
Academic Psychiatry
ASHP's PharmPrep
General Hospital Psychiatry
Pharmacotherapy
Journal of Clinical Psychopharmacology
The Journal of Clinical Psychiatry
Journal of Pharmacy Practice
The Medical Letter
The Mental Health Clinician
US Pharmacist

Pharmacy-Related Community Service

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| 2019 | Preceptor, Safe Medication Disposal Event, University of Michigan campus, Ann Arbor, MI |
| 2017 | Panelist, Health Professionals Talk Stigma and Psychological Health as a part of the College of Pharmacy's Building Bridges, Breaking Walls week of Diversity, Equity and Inclusion. Michigan League, Ann Arbor, MI |
| 2017 | Preceptor, Pharmacy Community Connect Day. Mentored students presenting to the community on opioid awareness. Michigan Medicine University Hospital, Ann Arbor, MI |
| 2016 | Panelist, U-M Depression Center Bright Nights community forum on "Personalized Treatments for Depressions and Bipolar Illnesses: Why 'One-Size' Will Never Fit All." Downtown Ann Arbor Library, Ann Arbor, MI |
| 2015 | Parent Enrichment Series on ADHD, Peace Neighborhood Center, Faculty Preceptor |
| 2010 | Preceptor, APhA-ASP Health Fair |
| 2008-2010 | Hope Medical Clinic, Ypsilanti, MI, Volunteer |

- 2009 Preceptor, APhA-ASP Heartburn Awareness Event
- 2009 Faculty Advisor, Golf Outing Health Fair
- 2007 Stairways Behavioral Health Diabetes Screening Event Volunteer
- 2007 Girl Scouts Girls Walk Poison Prevention Program Presenter & Organizer
- 2007 Appeared on two local news stations during Poison Prevention Week to promote poison education and awareness
- 2007 Poison Prevention Program, Belle Valley Elementary School, Erie, PA
Provided poison education to 110 kindergarteners with student members of the Rho Chi Society
- 2006-2007 Benjamin Wiley Center, Facilitator
- 2006 Wal-Mart Poison Prevention Program, Event organizer and Volunteer
- 2006 Operation Diabetes Screening, Student trainer for event
- 2006 NWPSHP Community Service Brown Bag Day, Participant