

PROMOTION RECOMMENDATION
The University of Michigan
College of Pharmacy

Michael P. Dorsch assistant professor of pharmacy, Department of Clinical Pharmacy, College of Pharmacy, is recommended for promotion to associate professor of pharmacy, with tenure, Department of Clinical Pharmacy, College of Pharmacy.

Academic Degrees:

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| MS | 2009 | University of Michigan, Clinical Research Design and Statistical Analysis |
| PharmD | 2003 | Ohio Northern University |

Professional Record:

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| 2018 – present | Assistant Professor, Clinical Pharmacy Department, College of Pharmacy, University of Michigan |
| 2014 – 2018 | Clinical Associate Professor, Clinical Pharmacy Department, College of Pharmacy, University of Michigan |
| 2012 – 2014 | Clinical Assistant Professor, Clinical Pharmacy Department, College of Pharmacy, University of Michigan |
| 2007 – 2018 | Director, PGY2 Cardiology Specialty Resident, Department of Pharmacy Services, University of Michigan Health System |
| 2007 – 2012 | Adjunct Clinical Assistant Professor, Clinical Pharmacy Department, College of Pharmacy, University of Michigan |
| 2005 – 2007 | Adjunct Clinical Instructor, Clinical Pharmacy Department, College of Pharmacy, University of Michigan |
| 2005 – Present | Clinical Pharmacist, Cardiology, University of Michigan Health System |
| 2004 – 2005 | Clinical Instructor, School of Pharmacy, University of North Carolina, Chapel Hill, NC |
| 2004 – 2005 | Pharmacist, University of North Carolina Hospitals, Chapel Hill, NC |
| 2003 – 2004 | Pharmacist, Riverside Methodist Hospital, Columbus, OH |
| 2003 – 2004 | Pharmacist, The Kroger Company, Columbus, OH |

Summary of Evaluation:

Teaching: Professor Dorsch is a very dedicated and successful educator, both in the classroom and as a mentor. His teaching record is extensive and he delivers didactic teaching to our PharmD and graduate programs. He has been both the coordinator and instructor for a Therapeutics Problem Solving course for the past five years. He has been consistently rated as excellent, with high marks for his clarity of instruction, preparedness, and respectfulness by his students. Professor Dorsch's teaching philosophy highlights his openness as an instructor and one who strives to grow as an educator. He has been recognized twice for teaching excellence by the third-year student body. Professor Dorsch has also demonstrated a strong commitment to expanding critical skills education within the PharmD program, which was recently extended to our graduate program through a course on pharmacy informatics as well as a course on grantsmanship. He has developed course materials to give graduate students hands-on

experience with programming, data analysis, and visualization. Professor Dorsch has a strong commitment to the college's model of team-based learning (TBL). This commitment has resulted in publications related to the scholarship of teaching by TBL compared to traditional lecture-based formats. Professor Dorsch has mentored numerous pharmacy students and residents for experiential training and research projects. He received excellent ratings for his contributions in these areas and was the recipient of a Mentoring Award from the American College of Clinical Pharmacy's Cardiology Practice and Research Network in 2019.

Research: Professor Dorsch's research program targets improvement of health outcomes using health information technology in patients with cardiovascular disease. His work focuses on delivery of the "right health information to the right individual at the right time" to inform clinical decisions. To accomplish this goal, his research group is developing sophisticated mobile and web-based applications to seamlessly integrate multidimensional patient and provider centered information. Professor Dorsch has received multiple grants to support these efforts. He serves as the principal investigator (PI) on an NIH R01 grant that is supporting a multi-center randomized controlled trial of two adaptive interventions via a mobile application to patients with heart failure. He was awarded an AHRQ R21 to design a shared decision-making tool to reduce the risk for stroke among patients with atrial fibrillation. His research funding success has been exceptional and supported by a transdisciplinary network of University of Michigan faculty, which bodes well for his continued growth and sustainability. Professor Dorsch has published 56 peer-reviewed papers and his *h*-index is 16 (*Google Scholar*). He has published 12 peer-reviewed papers since 2018 and is senior or first author on eight of these publications. His trainees have led 22 of his 56 publications to date, which serves as a hallmark of an effective research mentor. He received a top paper award for population science from the American Heart Association, and a 2020 *Journal of the American Pharmacists Association* article was selected as an Editors' Choice article. Professor Dorsch has delivered several invited presentations at national and regional meetings.

Recent and Significant Publications:

Dorsch MP, Gillespie BW, Erickson SR, Bleske BE, Weder AB. Chlorthalidone reduces cardiovascular events compared to hydrochlorothiazide: A retrospective cohort analysis. *Hypertension* 57 (4): 689-94, (2011).

Dorsch MP, Lose JM, DiDomenico RJ. The Effect of Cardiovascular Credentialed Pharmacists on Process Measures and Outcomes in Myocardial Infarction and Heart Failure. *Pharmacotherapy* 34 (8): 803-8, (2014).

Dorsch MP, Farris KB, Bleske BE, Koelling TM. A web application for self-monitoring improves symptoms in chronic systolic heart failure. *TelemedJE Health* 21 (4): 267-70, (2015).

Dorsch MP, Lester CA, Ding Y, Joseph M, Brook RD. Effects of Race on Statin Prescribing for Primary Prevention With High Atherosclerotic Cardiovascular Disease Risk in a Large Healthcare System. *Am Heart Assoc* 8 (22): e014709, (2019).

Dorsch MP, Cornellier ML, Poggi AD, Bilgen F, Chen P, Wu C, An LC, Hummel SL. The effects of a novel contextual just-in-time mobile application intervention on sodium intake in adults with hypertension: Results from the LowSalt4Life pilot study. *MIR mHealth uHealth* 8 (8): [Epub ahead of print], (2020).

Service: Professor Dorsch is an excellent citizen to his profession, the university, and the College of Pharmacy, with several leadership roles on his record. Professor Dorsch has led two key service initiatives in support of his department's strategic objective to develop a series of college forums to share research ideas and encourage collaborative work that would benefit and enhance all participants. He is a founding member of the Pharmacy INformatics Group (PING) as well as the Cardiology Pharmacy Outcomes Research (C- POR) Group. These two groups have strategically united tenure track and non-tenure track faculty in the common goal of systematically improving patient outcomes and are producing joint publications. They have also established partnerships with industry to create new models for cardiology pharmacy service delivery. Professor Dorsch has also supported college-level service objectives surrounding teaching by helping to advance the implementation of student examinations using the ExamSoft® technology platform. His overall service commitment to the college's teaching mission has been extensive over the years through his leadership on the residency advisory committee, PharmD investigations committee (a signature program), and the therapeutics problem solving committee that brings together course coordinators across the curriculum. Professor Dorsch is a Board Certified cardiology pharmacist. Prior to transitioning to his current tenure-track position, he received the Professional Practice Award from the Michigan Society of Health-System Pharmacists in 2016, a UM Health System Making a Difference Award in 2011, and two UM Health System You're Super Awards (2005 and 2006). Professor Dorsch has been an advocate for the pharmacy profession through his service in the *American College of Clinical Pharmacy (ACCP)*, the *American Heart Association*, and the *American College of Cardiology*. His service to the ACCP cardiology practice research network has earned him national recognition. His overall contributions to these organizations have culminated in his advancement to fellow of ACCP and the AHA.

External Reviewers:

Reviewer A: "This level of success with external funding is outstanding...He received a Top Paper Award for Population Science from the American Heart Association. He has fellow status in the American Heart Association and the American College of Clinical Pharmacy... he... received the Mentoring Award from the ACCP Cardiology PRN...Dr. Dorsch is an extremely productive and successful researcher who conducts innovative research in the area of health information technology and clinical decision support."

Reviewer B: "...the quality of Dr. Dorsch's publications are commendable...I want to commend his Top Paper Award for Population Science from the American Heart Association. This is no small thing, and a significant acknowledgement by his esteemed peer group. Dr. Dorsch has an impressive track record of federal research funding...it is quite amazing that he has been funded numerous times...this level of research funding for a clinical scientist is approaching 'rock star' level...Dr. Dorsch has received the Phi Delta Chi Teaching Recognition Award from the P3 class for two years."

Reviewer C: "In regards to research and scholarship, Dr. Dorsch has a very impressive track record... Dr. Dorsch's extramural funding is exceptional...In comparison to his peers at a similar rank, he is easily in the top 5 percent...He has a history of innovation in the classroom...He received the Michigan Society of Health-Systems Pharmacists professional practice award in 2016. He also received status as a fellow of both the American Heart Association and American

College of Clinical Pharmacy which honor his professional standing as well as his contributions to service in these organizations.”

Reviewer D: “Dr. Dorsch has demonstrated excellent scholarship and a national reputation in the area of health information technology (IT) on health outcomes in patients with cardiovascular disease... impressively he has been awarded two grants this year, one from the National Institutes of Health (NIH) and another from the American Heart Association (AHA)...worth more than \$5.6 million...Dr. Dorsch has provided excellent one-on-one mentorship to professional students and pharmacy residents...”

Reviewer E: “Dr. Dorsch’s scholarly publications have provided important contributions regarding the influence of race on prescribing of statins and, in particular, development of novel applications for mobile devices and clinical decision support systems for improvement of disease management and medication Adherence...Dr. Dorsch has demonstrated laudable success at attracting extramural grant funding...This record of extramural federal funding is outstanding. Overall, Dr. Dorsch has established an excellent program of impactful scientific research.”

Summary of Recommendation: Professor Dorsch is an outstanding scientist and extremely dedicated teacher, mentor, and citizen of his profession who brings innovative contributions to all facets of his faculty role. It is with great pleasure that I recommend Michael P. Dorsch for promotion to associate professor of pharmacy, with tenure, Department of Clinical Pharmacy, College of Pharmacy.



Bruce A. Mueller
Interim Dean, College of Pharmacy

May 2021