

TIMOTHY DY AUNGST, PHARM.D.

www.TheDigitalApothecary.com
TDAPharm@gmail.com
@TDAungst



EDUCATION

Doctor of Pharmacy Wilkes University Nesbitt School of Pharmacy, Wilkes-Barre, PA	2007 to 2011 <i>Cum Laude</i>
Minor in Philosophy Wilkes University, Wilkes-Barre, PA	2004 to 2007
Minor in Business Administration Wilkes University, Wilkes-Barre, PA	2004 to 2007

POST-GRADUATE TRAINING & FELLOWSHIPS

Massachusetts College of Pharmacy and Health Sciences Pharmacy Outreach Program, Worcester, MA Director: Paula J. Evans, PharmD, MS, CGP	July 2012 to June 2013 <i>Clinical Geriatric Fellow</i>
St. Luke's University Hospital, Bethlehem, PA ASHP Accredited PGY-1 Pharmacy Practice Residency Program Director: Leslie Johnson, PharmD, BCPS	June 2011 to June 2012 <i>Pharmacy Resident</i>

CLINICAL WORK EXPERIENCE

Century Home Healthcare, Worcester, MA Director: Milka Njoroge, PharmD, BCPS	June 2018 to Present <i>Clinical Pharmacist</i>
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Responsible for working on an interdisciplinary team of case managers and nurses to manage patients in the home health environment. Including assessment of patients for medication related problems and providing medication management. Visited patients in their homes for concierge services based on clinical need. Oversee pharmacy students on rotation and coordinate home visits and review clinical cases.

UMass Memorial Medical Center, Worcester, PA Heart Failure Outpatient Clinic Director: Maichi Tran, PharmD, BCPS	June 2013 to May 2018 <i>Clinical Pharmacist</i>
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Responsible for reviewing patient's pharmacotherapy management for cardiovascular treatment. Focused on heart failure management, including assessment for guideline-based therapy, efficacy of treatment, and monitoring of side effects of therapy. Provided consults for cardiovascular teams in clinic. Oversaw students on rotation at the clinic, including reviewing clinical work and patient interactions.

WORK EXPERIENCE

GoodRx, Santa Monica, CA Editor: Benita Lee	March 2019 to September 2019 <i>Writer</i>
FutureDose.Tech, Pharmacy Podcast Network Editor: Todd Eury	October 2018 to Present <i>Co-Host</i>
MCPHS University, Worcester, MA Dean: Anna Morin, PharmD	May 2018 to Present <i>Associate Professor (Primary Position)</i>
Doximity, San Francisco, CA Director/Editor: Aaron Moncivaiz	June 2017 to June 2018 <i>Medical Writing Fellow</i>
Pharmacy Times Editor-in-Chief: Katie Eder	December 2014 to Present <i>Freelance Writer</i>
Iodine, Inc. Editor: Amanda Angelotti, MD & Thomas Goetz	January 2017 to January 2018, December 2014 to March 2015 <i>Clinical Writer</i>
MCPHS University, Worcester, MA Dean: Anna Morin, PharmD	January 2013 to May 2018 <i>Assistant Professor</i>
iMedicalApps, LLC. (iMedicalapps.com) Editor-in-Chief: Iltifat Husain, MD	June 2012 to July 2014 <i>Editor & Writer</i>
St. Luke's Hospital and Health Network, Bethlehem, PA Director: Donna Yeaw, RPh	July 2011 to June 2012 <i>Staff Pharmacist</i>
Fino's Pharmacy, Dallas, PA Preceptor: Mike Fino, RPh	October 2009 to March 2011 <i>Pharmacy Intern</i>
Target Pharmacy, Wilkes-Barre, PA Preceptor: Stephanie Sieman, PharmD	December 2008 to January 2010 <i>Pharmacy Intern</i>
Wilkes University Pharmacology Laboratory Preceptor: Daniel McCune, PharmD, PhD.	May to August 2008 <i>Lab Assistant</i>

CONSULTING & ADVISORIAL EXPERIENCE

Otsuka Pharmaceutical <i>Advisory Board Member & Consultant</i> Served on Advisory Board for PsychU and served as a presenter for related PsychU events.	May 2019 to Present
Digital Therapeutics Alliance <i>Advisory Board Member</i>	January 2019 to Present

Advisor for DTA's Healthcare Provider Advisory committee for Digital Therapeutics (DTx) recommendations on integration into clinical practice.

Teva Pharmaceutical Industries **December 2018 to Present**

Advisory Board Member & Consultant

Served on Advisory Board for product related expertise, and provide consultative services related to Teva pharmacological products.

HealthXL, LLC. **June 2018 to Present**

Consultant & Advisor

Consulted on an outsourced project related to pharmacy distribution, adherence, and smart voice assistants for a large pharmaceutical vendor. Aided in the design and utilization of internal software for user-based feedback of digital health topics. Provided task force insights regarding the virtual pharmacy space.

Balto, LLC. **December 2017 to Present**

Advisor

Provided insights into pharmacy operations and delivery services in community pharmacy space and business operations.

Healthcombix, LLC. **July 2017 to June 2018**

Advisor

Gave insights into pharmacy industry and related digital health companies and use of blockchain for medication dispensing.

ProfessionQuest, LLC. – AACP **July 2014 to 2016**

Consultant

Provided information and recommendations for design of interprofessional game, and drafted grant for the National Science Foundation.

WRITING EXPERIENCE

GoodRx – Medical Writer **May 2019 to**

Responsible for writing and developing clinical content for online readership. Disease states include erectile dysfunction, asthma, cardiology, endocrinology, and drug class comparisons.

**September
2019**

Doximity – Medical Writer **June 2017 to**

Yearlong fellowship sponsored by Doximity focused on engaging on social media aspects for medical news via Doximity and solicited blog and medical posts.

June 2018

GoodRx & Iodine, LLC. – Clinical Content Writer and Blogger **January 2017 to**

Responsible for writing and developing clinical content for online patient-facing drug information database, along with cross-checking other clinical writers content along with providing weekly blog posts.

February 2018

<p>Ranked Health – Senior Editor & Contributor Focused on reviewing mobile medical apps and digital health devices for patient utilization. Part of the Hacking Medicine Institute from MIT, Boston, Ma.</p>	<p>May 2016 to Present</p>
<p>Pharmacy Times – Contributor Technology writer focused on contributing articles pertinent to social media, mobile and digital health, and general technological advances for a pharmacist audience.</p>	<p>December 2015 to Present</p>
<p>Iodine, LLC. – Clinical Content Writer Responsible for writing and developing clinical content for online patient-facing drug information database, along with cross-checking other clinical writers content.</p>	<p>October 2014 to December 2015</p>
<p>MedTech Boston - Writer Attend conferences, hackathons, start-up gatherings in relation to medicine and healthcare in the local Boston, MA, area and report on trends and key issues.</p>	<p>March 2014 to June 2014</p>
<p>iMedicalApps – mHealth Writer & Medical App Reviewer Assess current developments in the field of mobile technology and its application to healthcare industry. Attend medical conferences and trade shows and interview developers on current designs and implementation of technology. In addition, reviewed medical apps designed for healthcare professional and patient utilization. Additionally, working to create a patient centric app standard for implementation within medical app industry.</p>	<p>July 2012 to July 2014</p>

TEACHING EXPERIENCE

<p>PPW 445, Patient Care Seminar II, 2 Credit Hours, 300 Students, Core Class & Lab, MCPHS University-W/M, Lecturer.</p> <ul style="list-style-type: none"> • SOAP Notes & Plagiarism • Pharmacy Prescribing • Pulmonary Lab • SOAP Lab II 	<p>2018 to Present <i>Didactic/Lab</i></p>
<p>PPW 440, Patient Care Seminar I, 2 Credit Hours, 300 Students, Core Class & Lab, MCPHS University-W/M, Lecturer.</p> <ul style="list-style-type: none"> • SOAP Notes • SOAP Lab I 	<p>2017 to Present <i>Didactic/Lab</i></p>
<p>PHA 550, Advanced Pharmacy Practice Experience, Ambulatory Care Rotation – Home Health Care. 6 Credit Hours, 3 Students per rotation block, Century Homecare, Worcester, MA. Preceptor.</p>	<p>2018 to Present <i>Experiential</i></p>

<p>PPW 371. Patient Perspectives on Chronic Diseases, 2 Credit hours, 20 students, MCPHS University-W/M, Elective Class. Lecturer.</p> <ul style="list-style-type: none"> • “Technology and Patient Interaction” 	<p>2015 to Present Spring Semester <i>Didactic</i></p>
<p>PTH 550. Pharmacology II, 3 Credit hours, 40 students, Physical Therapy Program. MCPHS University-W/M, Core Class. Lecturer.</p> <ul style="list-style-type: none"> • “Antibiotic Pharmacology” • “CNS Pharmacology” • “Gastrointestinal Disorders and Pharmacological Treatment” 	<p>2015 to Present Spring Semester <i>Didactic</i></p>
<p>PPW 371.BB, Pharmacy and Technology, 3 Credit Hours, Max 20 students, Elective, MCPHS University-W/M, Co-Coordinator, Lecturer.</p> <ul style="list-style-type: none"> • Introduction to Digital Health and the future of Pharmacy Practice • Social Media, Pharmacy, and E-Professionalism • The Internet: a bane or boon for health information • An Introduction to the E-Patient Movement • Evaluation of Mobile Medical Applications • Introduction to Pharmacy Informatics • What is Personalized Medicine, and where does Pharmacogenomics belong? • Course long Book Club centered on Eric Topol’s “The Patient Will See You Now” (2015) 	<p>2015 to Present Summer Semester <i>Didactic</i></p>
<p>PHA 550, Advanced Pharmacy Practice Experience, Ambulatory Care Rotation – Transitions in Care (Focus Congestive Heart Failure). 6 Credit Hours, 3 Students per rotation block, UMass University Campus, Worcester, MA. Preceptor.</p>	<p>2014 to 2018 <i>Experiential</i></p>
<p>PHA 550. Advanced Pharmacy Practice Experience, Medical Writing & Research Elective – 6 Credit hours, 3 students per year, MCPHS University-W/M, Worcester, MA.</p>	<p>2014 to 2017 <i>Experiential</i></p>
<p>PPW 335. Self Care Therapeutics, 3 Credit hours, 310 Students, MCPHS University-W/M, Core Class. Lecturer.</p> <ul style="list-style-type: none"> • “Minor Burns and Wounds” 	<p>2014 to Present Summer Semester <i>Didactic</i></p>
<p>PHA 495. Clinical Assessment, 1 Credit hours, 310 students, MCPHS University-W/M, Core Class. Co-coordinator and lecturer.</p> <ul style="list-style-type: none"> • “Drug-Induced Skin Reactions” 	<p>2014 to 2017 Spring Semester <i>Didactic</i></p>
<p>PPW 355.M.X, Drug Interactions, 3 Credit Hours, Elective, MCPHS University-W/M, Lecturer.</p> <ul style="list-style-type: none"> • Introduction to CYP450 Drug Interactions 	<p>2014 & 2016 Summer Semester <i>Didactic</i></p>
<p>OPT 712. Ocular Pharmacology, 3 Credit hours, 30 Students, MCPHS University-W/M, Optometry School. Lecturer.</p> <ul style="list-style-type: none"> • “Infectious Disease” (3 One Hour Lectures) 	<p>2014 Spring Semester <i>Didactic</i></p>

<p>UMass Pharmacy Practice Residency Teaching Seminar, UMass University Campus, PGY1 & PGY2 Pharmacy Residents. Lecturer.</p> <ul style="list-style-type: none"> • “Statistics 101” • “Creating a Poster” 	<p>2013 to 2015 Year Round <i>Workshop</i></p>
<p>PHA 495. Clinical Assessment Laboratory, 1 Credit hours, 250 students, MCPHS University-W/M, Core Class. Co-coordinator and Lecturer.</p> <ul style="list-style-type: none"> • “Pulmonary I & II Laboratory Module” 	<p>2013 to 2017 Spring Semester <i>Laboratory</i></p>
<p>PHA 494. Physical Assessment, 3 Credit hours, 250 students, MCPHS University-W/M, Core Class. Co-coordinator and Lecturer</p> <ul style="list-style-type: none"> • “Introduction to SOAP Notes” 	<p>2013 to 2016 Fall Semester <i>Didactic</i></p>
<p>MPA 542, Pharmacology II, 3 Credit hours, 70 students, MCPHS University-W/M, Physician Assistant School. Lecturer.</p> <ul style="list-style-type: none"> • “GI Disorders Part II” • “Anticoagulants Parts I & II” 	<p>2013 to Present Summer Semester <i>Didactic</i></p>
<p>PHA 333. IPC III, 3 Credit Hours, 310 students, MCPHS University-W/M. Laboratory and Classroom. Lab facilitator and Lecturer.</p> <ul style="list-style-type: none"> • “Mobile Medical Applications for Pharmacy Students” 	<p>2012 to Present Summer Semester <i>Didactic</i></p>
<p>PHA 371. Fundamentals of Aging, 2 Credit Hours, 30 students, MCPHS University W/M. Elective class. Lecturer.</p> <ul style="list-style-type: none"> • “Medication Therapy Management and Prescribing Cascade” • “Renal and Urological Disorders in the Elderly” • “Cardiovascular and Respiratory Issues in the Aging” • “Ethical and Socioeconomic Considerations in the Geriatric Patient” 	<p>2012 to 2013 Summer Semester <i>Didactic</i></p>

BOOKS & BOOK CHAPTERS

<p>Clauson KA, <u>Aungst TD</u>, Simard RS, et al. Lessons learned and looking forward with pharmacy education: Informatics and digital health. In: Shachak A, Boryki E, Reis S, eds. <i>Health professionals’ Education in the Age of Clinical Information Systems, Mobile Computing and Social Networks</i>. Elsevier. In-Press.</p>	<p>2017 <i>Book Chapter</i></p>
<p><u>Aungst TD</u>, Smith C. Using Mobile Tools to Improve Pharmacy Productivity. Bethesda MD: American Society of Health System Pharmacists, Inc; <i>In progress</i></p>	<p>2017 <i>ASHP E-Report</i></p>
<p>Hanrahan C, <u>Aungst TD</u>, Cole S. Evaluating Mobile Medical Applications. Bethesda, MD: American Society of Health-System Pharmacists, Inc.; 2014. ISBN 13: 9781585284580</p>	<p>2014 <i>ASHP E-Report</i></p>

PEER-REVIEWED PUBLICATIONS

- Patel D, Sangrave N, [Aungst TD](#). **Smart Connected Insulin Pens, Caps, and Attachments – A Review of the Future of Diabetes Technology.** *Diabetes Spectrum*. 2019 May; ds180069. 2019
Review
- Holmes T, [Aungst TD](#), Metcalf M, Smith C. **Crowdfunding pharmacy and medication-related products – How successful is it?** *J Am Pharm Assoc*. 2019; Mar - Apr;59(2S):S57-S62. 2019
Original Research
- [Aungst TD](#), Patel R, Pugliese R, et al. **From Ideation to Practice: How pharmacists and students can leverage hackathons and innovation labs to accelerate innovation in Pharmacy.** *J Am Pharm Assoc*. 2019; Mar - Apr;59(2S):S25-S29. 2019
Viewpoint
- Massey C, [Aungst TD](#), Evans P, Bartlett D, Silva MA. **Cost savings impact of a pharmacist-initiated teleservice program for Medicare Part D reviews.** *J Am Pharm Assoc*. 2018; 58(1):56-60. 2018
Original Research
- [Aungst TD](#), Lahoz MR, Evans PJ. **Digital health evaluation workshop for interprofessional healthcare students.** *Digital Health*, 3:1-6. 2017
Original Research
- Clark M, Clark T, Bhatti A, [Aungst TD](#). **The Rise of Digital Health and Potential Implications to Pharmacy Practice.** *California Pharmacist Journal*, 64(1), 32-40. 2017
Review
- Seed SM, Khov SL, Binguad FS, Abraham GM, [Aungst TD](#). **Identification and review of mobile applications for travel medicine practitioners and patients.** *J Travel Med*. 2016;23(4). 2016
Original Research
- Rodis J, [Aungst TD](#), Brown NV, Cui Y, Tam L. **Enhancing Pharmacy Student Learning and Perceptions of Medical Apps.** *JMIR Mhealth Uhealth* 2016;4(2):e55. 2016
Original Research
- Miranda AC, Serag-Bolos ES, [Aungst TD](#), Chowdhury R. **A mobile health technology workshop to evaluate available technologies and their potential use in pharmacy practice.** *BMJ STEL*. 2016. Published online January 13, 2016. doi:10.1136/bmjstel-2015-000067. 2016
Original Research
- [Aungst TD](#), Wai-Tam L, Patel D. **Digital Health and the Future of Diabetes Management** *J Diabetes Metab Disord Control*. 2015, 2(4):00048. 2015
Editorial
- [Aungst TD](#), Belliveau P. **Leveraging mobile smart devices to improve interprofessional communications in inpatient practice setting: A literature review.** *J Interprof Care*. 2015;29(6):570-8. 2015
Review
- [Aungst TD](#), Lewis TL. **Potential uses of wearable technology in medicine: lessons learnt from Google Glass.** *Int J Clin Pract*. 2015;69(10):1179-83. DOI: 10.1111/ijcp.1268. 2015
Perspective

Lewis TL, Aungst TD , Hutchinson C. Radiology Education, Mobile Technology and Medical Apps. <i>BMJ STEL</i> . 2015. Published online July 1, 2015. doi:10.1136/bmjstel-2014-000009	2015 <i>Editorial</i>
Aungst TD . Using a hackathon for interprofessional health education opportunities. <i>J Med Syst</i> . 2015;39(5):247.	2015 <i>Note</i>
Aungst TD , Miranda A, Serag-Bolos E. Moving from PDAs to smartphones and tablet computers: How the roles of mobile devices are changing pharmacy practice. <i>Am J Health Syst Pharm</i> . 2015;72(6):494-500.	2015 <i>Commentary</i>
Evans P, Aungst TD , Bartlett D, Massey C. Expanding clinical and information services to the ambulatory older adult through community outreach programs. <i>Consult Pharm</i> . 2015; 30(1):31-7.	2015 <i>Clinical Note</i>
Aungst TD , Clauson K, Misra S, Lewis T, Husain L. How to identify, assess, and utilize mobile medical applications in clinical practice. <i>Int J Clin Pract</i> . 2014;68(2):155-62.	2014 <i>Review</i>
Misra S, Lewis TL, Aungst TD . Medical application use and the need for further research and assessment for clinical practice: creation and integration of standards for best practice to alleviate poor application design. <i>JAMA Dermatol</i> . 2013;149(6):661-2.	2013 <i>Viewpoint</i>
Aungst TD . Medical applications for pharmacists using mobile devices. <i>Ann Pharmacother</i> . 2013;47(7-8):1088-95.	2013 <i>Review</i>
Bolesta S, Aungst TD , Fanhui K. Effect of sodium nitroprusside on the occurrence of atrial fibrillation after cardiothoracic surgery. <i>Ann Pharmacother</i> . 2012;46: 785 - 92.	2012 <i>Original Research</i>

MISCELLANEOUS PUBLICATIONS

Aungst TD . Don't Let Digital Health Pass Us By. <i>J Am Pharm Assoc</i> . 2019; Mar - Apr;59(2S):S7.	2019 <i>Letter-to-Editor</i>
Majmudar MD, Aungst TD . Telemedicine in Heart Failure-Ineffective or Just Ill Used?. <i>JAMA Intern Med</i> . 2016;176(7):1035.	2016 <i>Letter-to-Editor</i>
Lewis TL, Boissaud-Cooke MA, Aungst TD , Eysenbach G. Consensus on the use of term "App" versus "Application" for reporting of mHealth research. <i>J Med Internet Res</i> . 2014 Jul 17;16(7)e:174	2014 <i>Letter-to-Editor</i>
Aungst TD . Integrating mHealth and Mobile Technology Education in the Pharmacy Curriculum. <i>Am J Pharm Educ</i> . 2014;78(1):19.	2014 <i>Letter-to-Editor</i>

Aungst TD. **Smartphone medication adherence apps: Potential benefits to patients and providers: Response to Dayer et al.** *J Am Pharm Assoc.* 2013;53(4):344-5.

2013
Letter-to-Editor

AACP & NCPA Medication Adherence: Educators Toolkit. 2013. ([Link](#))

2013
Contributor

SOLICITED PUBLICATIONS

Aungst TD, Gobin N, Jung R. **Do you have a Digital Health Plan for Your Pharmacy?** *Total Pharmacy*. April 2019. ([Link](#))

2019
Invited Article

Aungst TD. **Bringing Digital Health Technology into the Pharmacy: Future Tools for Clinical Practice.** *Drug Store News – Continuing Education*. August 2016. ([Link](#))

2016
*Online CE
(Invited)*

Aungst TD, Khov S. **Leveraging the Rise of Wearables and Digital Devices to Collect Patient Data for Wellness.** *Directions in Pharmacy*. October 2015. ([Link](#))

2015
*Online Report
(Invited)*

Aungst TD. **Social Media and Gamification: New Members of the Health Care Team.** *Directions in Pharmacy*. August 2015. ([Link](#))

2015
*Online Report
(Invited)*

Aungst TD. **How crowd power is being applied to research.** *International Pharmacy Journal*. 2015;33(2):26-28.

2015
*Short Report
(Invited)*

Aungst TD. **Introductory Review of Mobile Medical Applications for Medical Practitioners.** *Worcester Medicine*. May/June 2013;77(3): 18-19.

2014
Invited Article

ONLINE PUBLICATIONS

Aungst TD. EpiPen upgraded with new alert technology. *Pharmacy Times*. January 8, 2015.

Aungst TD. Rethinking the pill bottle. *Pharmacy Times*. February 4, 2015.

Aungst TD. Will big pharma provide prescribable apps? *Pharmacy Times*. February 16, 2015.

Aungst TD. Upgrading the inhaler for increased adherence. *Pharmacy Times*. February 18, 2015

Aungst TD. How retail pharmacies are embracing digital health. *Pharmacy Times*. March 9, 2015.

Aungst TD. Modernizing the thermometer with the Tricorder. *Pharmacy Times*. March 11, 2015.

Aungst TD. Upgrading the way we identify pills with new technology. *Pharmacy Times*. March 12, 2015.

Aungst TD. Apple's ResearchKit is a brave new step in digital health and research. *Pharmacy Times*. March 16, 2015.

Aungst TD. Social-based medicine: Digital resources for clinical recommendations. *Pharmacy Times*. March 25, 2015.

Aungst TD. Mobile technology to improve medication adherence. Pharmacy Times. April 27, 2015.

Aungst TD. Walgreens wants to be Pharmacy's face of digital health. Pharmacy Times. May 4, 2015.

Aungst TD. The rise of the digital pharmacy. Pharmacy Times. May 18, 2015.

Aungst TD. Rapid drug delivery: Where is the Uber for pharmacy? Pharmacy Times. June 7, 2015.

Aungst TD. How CVS and Walgreens might compete with PillPack. Pharmacy Times. June 8, 2015.

Aungst TD. Can Google catch adverse drug reactions? Pharmacy Times. July 20, 2015.

Aungst TD. Point-of-care testing certificate program: Takeaways for pharmacists. Pharmacy Times. July 21, 2015.

Aungst TD. Drones could soon deliver drugs. Pharmacy Times. July 28, 2015.

Aungst TD. Digital health transforming inhalers. Pharmacy Times. August 26, 2015.

Aungst TD. Will Google replace pharmacists as drug information experts? Pharmacy Times. October 12, 2015.

Aungst TD. Lessons from visiting a Japanese Pharmacy. Pharmacy Times, November 11, 2015.

Aungst TD. Who will win the race for on-demand drug delivery? Pharmacy Times. March 15, 2016.

Aungst TD. Stiff competition to create a smarter inhaler. July 11, 2016.

Aungst TD. Talking pill bottles: Boom or bust in the digital health era? Pharmacy Times. February 13, 2017.

Aungst TD. Want to Work for Amazon? You May Get the Chance Soon. Pharmacy Times. May 17, 2017.

Aungst TD. What Pharmacists Should Know About the Abilify MyCite Pill. Pharmacy Times. November 11, 2017.

Aungst TD. These Start-Ups Want to Solve Men's Health Problems: Who Will Win? Pharmacy Times. November 20, 2017.

Aungst TD. Express Scripts and Propeller Health Bringing Smart Inhalers to Market. Pharmacy Times. November 20, 2017.

Aungst TD. Insulin Dosing Apps are on their way. Pharmacy Times. November 21, 2017.

Aungst TD. CVS Ups the Ante for Same-Day Medication Delivery. Pharmacy Times. November 21, 2017.

Aungst TD. More than One Smart Pill Making the News. Pharmacy Times. November 27, 2017.

Aungst TD. Can This Start-Up Change the Way We See Primary Care in the US? Pharmacy Times.

Aungst TD. UK OKs Viagra for OTC Use. Pharmacy Times.

Aungst TD. New Hampshire Moves to Allow Pharmacists to Provide Oral Birth Control Without a Prescription. Pharmacy Times.

Aungst TD. The Apple Watch Aims to Help Detect Atrial Fibrillation. Pharmacy Times.

Aungst TD. The 411 on Biohacking Supplements. Pharmacy Times.

Aungst TD. Insurance and Retail Pharmacy: A Look at the Digital Landscape. Pharmacy Times.

Aungst TD. Will Smart Insulin Pens Hit Pharmacy Shelves Soon? Pharmacy Times.

Aungst TD. One Company's Solution to Helping Patients Take Their Oral Birth Control. Pharmacy Times.

Aungst TD. This Water Bottle Company Has a Different Solution for Supplement Consumption. Pharmacy Times.

Aungst TD. The Aflac Duck and Chemotherapy: How One Company Is Creating a Companion to Help Children with Cancer. Pharmacy Times.

Aungst TD. Along with Sunscreen, Pharmacists Can Recommend a New Sensor to Help Patients Avoid Sun Overexposure. Pharmacy Times.

Aungst TD. New Technology Allows Parents to Skip the Thermometer. Pharmacy Times.

Aungst TD. New Breast Pump Could Benefit Pharmacists. Pharmacy Times.

Aungst TD. Expanding Point-of-Care Responsibilities for Pharmacists Still a Consideration. Pharmacy Times.

Aungst TD. 37 Unwanted Pregnancies Raise Concerns for Family Planning App. Pharmacy Times.

Aungst TD. What if We Pay Patients to Take Their Medications? Pharmacy Times.

Aungst TD. Pharmacy Wars: An Era of Acquisition, Mergers, and Losses. Pharmacy Times.

Aungst TD. Will Amazon's Basic Care OTC Line Disrupt the Market? Pharmacy Times.

Aungst TD. Apps Being Studied for Ease in Getting Patients to Medical Appointments. Pharmacy Times.

Aungst TD. Apple Wants Patients to See Their Medical Records on Their iPhones. Pharmacy Times.

Aungst TD. Robot Shows Potential for Reducing COPD Readmission Rates. Pharmacy Times.

Aungst TD. The Smart Inhaler Market: Getting Bigger with New Players. Pharmacy Times.

Aungst TD. An App May Help Reduce A1c and the Need for Diabetes Medications. Pharmacy Times.

Aungst TD. Digital Realities Could Find a Place in the Pharmacy Classroom. Pharmacy Times.

Aungst TD. Ride Sharing Apps Move to Start Medical Appointment Programs. Pharmacy Times.

Aungst TD. Insulin Dosing App Recalled Due to Bug. Pharmacy Times.

Aungst TD. Alexa, When's My Next Medication Dose? Pharmacy Times.

Aungst TD. 'Digiceutical' Collaboration May Advance Treatments for Schizophrenia and Multiple Sclerosis. Pharmacy Times.

Aungst TD. CVS New Medication Labels Offer Improvement. Pharmacy Times.

Aungst TD. Samsung's New Phones Can Detect Blood Pressure, Putting Pressure on Other Companies. Pharmacy Times.

Aungst TD. Higi Health Stations Can Now Share Data with Epic's EHR. Pharmacy Times.

Aungst TD. Approval to Test for BRCA Gene Among Gains in Home Genetic Testing Field. Pharmacy Times.

Aungst TD. Survey Puts Digital Health in the Spotlight as Patients Increasingly Love Their Technology. Pharmacy Times.

Aungst TD. Google Unveils New Cloud Service for Health Care. Pharmacy Times.

Aungst TD. Why MyHealthEData Could Change the Pharmacy Field. Pharmacy Times.

Aungst TD. Pharmacies Turning to Ride Sharing Services to Bring Patients In. Pharmacy Times.

Aungst TD. Future of Injectable Could Be Needle-Free Delivery Systems. Pharmacy Times.

Aungst TD. What Do Automated Drug Kiosks Have to Offer? Pharmacy Times.

Aungst TD. Smart Socks are Entering the Market for Patients with Diabetes. Pharmacy Times.

Aungst TD. Wearable Device Aims to Help Women Track Fertility Data. Pharmacy Times.

Aungst TD. Visual Abstracts are Changing how we Share Studies. Doximity: Op-(M)ED. July 18, 2017.

Aungst TD. Technology in Pharmacy is “Love or Hate.” Now we have to innovate. Doximity: Op-(M)ED. January 16, 2018.

Aungst TD. A Look at New Digital Health Products for Diabetes Patients. Pharmacy Times. May 4, 2018.

Aungst TD. How Can AI Affect Health Care and Pharmacy? Pharmacy Times. May 7, 2018.

Aungst TD. Software May Help Determine a Drug's Cost Before It Is Prescribed. Pharmacy Times. May 8, 2018.

Aungst TD. How Express Scripts Is Improving Medication Adherence. Pharmacy Times. May 9, 2018.

Aungst TD. Should Controlled Substances Be Placed in Unit Dose Packaging for Child Safety? Pharmacy Times. May 9, 2018.

Aungst TD. Virtually Observed Therapy May Track Medication Adherence. Pharmacy Times. May 9, 2018.

Aungst TD. FDA Turns to AI and Digital Health, So Why Are There Still Fax Machines? Pharmacy Times. May 10, 2018.

Aungst TD. How a Smart Inhaler Can Improve Air Quality. Pharmacy Times. May 14, 2018.

Aungst TD. Alexa: A Home Health Hub? Pharmacy Times. May 14, 2018.

Aungst TD. A Promising Tool for Improving Oral Birth Control Adherence. Pharmacy Times. May 14, 2018.

Aungst TD. Fitbit Aims to Stay in Wearables Game by Partnering With Google. Pharmacy Times. May 15, 2018.

Aungst TD. New Digital Platform is Increasing Inhaler Adherence. Pharmacy Times. May 15, 2018.

Aungst TD. Many Drugs Could Come Equipped with Ingestible Sensors. Pharmacy Times. May 16, 2018.

Aungst TD. Help Increasing Medication Adherence in Post-transplant Children. Pharmacy Times. May 18, 2018.

Aungst TD. How an App Is Helping Independent Contractor Pharmacists in the UK Get Jobs. Pharmacy Times. May 21, 2018.

Aungst TD. DNA-Guided Skin Care Products Do Not Always Deliver. Pharmacy Times. May 29, 2018.

Aungst TD. All-In-One Wearable Could Be the Future of the Digital Health Market Pharmacy Times. May 29, 2018.

Aungst TD. Does Nonadherence Really Cost the Health Care System \$300 Billion Annually? Pharmacy Times. June 1, 2018.

Aungst TD. New Technology Capitalizes on Patients Recording Their Doctor Visits Pharmacy Times. July 5, 2018.

Aungst TD. What Other Forays Could Amazon Make Into the Pharmacy Space? Pharmacy Times. July 16, 2018.

Aungst TD. The Big List of Digital Health Medication List Companies. Pharmacy Times. November 2, 2018.

Aungst TD. World's First Smart Inhaler is Arriving. Pharmacy Times. January 22, 2019.

Aungst TD. Opinion: Pharmacy Profession Needs to Invest in Digital Health This Year. Pharmacy Times. January 31, 2019.

Aungst TD. Diabetes and Erectile Dysfunction – What You Need To Know. GoodRx Blog. March 29, 2019.

Aungst TD. I Have Erectile Dysfunction But Can't Take Viagra – What Now? GoodRx Blog. April 16, 2019.

Aungst TD. Does an Enlarged Prostate or Prostate Cancer Cause Erectile Dysfunction? GoodRx Blog. April 16, 2019.

PUBLISHED ABSTRACTS

Rodis J, [Aungst TD](#). Perception and knowledge of medical apps between first, second, and third year student pharmacists. ASHP Midyear Clinical Meeting, Anaheim, CA. **2014**
Peer-Reviewed Abstract

Comee M, Donovan J, Fong J, Lepage J, [Aungst TD](#). Effectiveness of a research seminar for first and second year pharmacy practice residents. *Am J Pharm Educ*. 2014;78(5):56-57. **2014**
Peer-Reviewed Abstract

Rodis J, [Aungst TD](#). Evaluating First-Year Pharmacy Student Experience with Medical Apps. *Am J Pharm Educ*. 2014;78(5):58. **2014**
Peer-Reviewed Abstract

Brown KM, [Aungst TD](#), Castro C, Bommareddy A, et al. Alpha1-adrenergic receptor subtype specific activation of ERK in human primary smooth muscle cells. *FASEB J*. 2014 28:1065.4. **2014**
Peer-Reviewed Abstract

[Aungst TD](#), Massey C, Amzler B, Evans P. Impact of Recommendations Made by a Pharmacy Outreach Program Call Center on Costs of Medicare Part D Plans for Beneficiaries During Open Enrollment. *J Am Pharm Assoc*. 2013:e8-e117 **2013**
Peer-Reviewed Abstract

[Aungst TD](#), Menak R, Collier AE, Baxter R. Ketamine Infusion for Loin Pain Hematuria Syndrome Exacerbation Refractory to Opioid Therapy: a Two Patient Case Study. *Am J Health-Syst Pharm*. 2012;69(20): 1818 **2012**
Peer-Reviewed Abstract

Bolesta S, Fanhui K, <u>Aungst TD</u> . Effect of sodium nitroprusside on the occurrence of atrial fibrillation after cardiothoracic surgery. <i>Crit Care Med</i> . 2011;39(12 Suppl): A262.	2011 Peer-Reviewed Abstract
<u>Aungst TD</u> , Yesu C, Billek K, Foote EF. Identification of drug-related problems by APPE students in the home healthcare setting. <i>Am J Pharm Educ</i> . 2011; 75(5):6	2011 Peer-Reviewed Abstract
<u>Aungst TD</u> , Bachman A, Prinster SC, McCune DF. Characterization of α_{1A} -adrenergic receptor splice variants in human aortic and pulmonary arterial smooth muscle cells. <i>FASEB J</i> . 2009 23:943.6	2009 Peer-Reviewed Abstract

NATIONAL FORUMS

AMCP Partnership Forum Digital Therapeutics: What are they and Where do they fit in Pharmacy and Medical Benefits? Alexandria, VA	2019 Invited Member
PsychU National Forum: Future of technology & mental health. Chicago, IL.	2019 Invited Member

INTERNATIONAL PRESENTATIONS

<u>Timothy Aungst</u> , Jean Ledger, Alexander Klein. "Clinical Trials in Digital Health: Evidence Report." HealthXL Global Gathering. Dublin, Ireland.	2019 Invited Panelist Speaker
<u>Timothy Aungst</u> . "What makes a great pharmacist." Kyoto Pharmaceutical University. Kyoto, Japan.	2018 Invited Panelist Speaker
<u>Timothy Aungst</u> . "Role of a Pharmacy Practice Faculty." Niigata University Pharmacy and Applied Life Sciences. Niigata, Japan.	2015 Invited Faculty Speaker
<u>Timothy Aungst</u> . "Pharmacy Education in the United States." Niigata University Pharmacy and Applied Life Sciences. Niigata, Japan.	2015 Invited Faculty Speaker
<u>Timothy Aungst</u> . "Research in mHealth: Finding the Right Balance" Medicine 2.0, Blackfriars, London, England.	2013 Panelist
<u>Timothy Aungst</u> . "The Wild West of Mobile Medical Applications." Apps for Health (A4H), Mohawk College, Hamilton, Ontario, Canada	2013 Invited Panelist

NATIONAL PRESENTATIONS

- Timothy Aungst, Crystal Broj, Patricia Simon. “What should the infrastructure look like to get digital therapeutics to patients?” DTx East. Boston, MA. **2019**
Invited Panelist
- Timothy Aungst. “The future of senior care pharmacy practice: What tech is started, and where are the opportunities?” ASCP Annual Meeting. Dallas, TX. **2019**
Invited Speaker
- Timothy Aungst. “Mobile Apps & the Future of Digital Health: The Future Is Now.” AACP Annual Meeting. Chicago, IL. **2019**
Session Speaker
- Timothy Aungst. “How the Patient Home Will Be a Digital Biomarker Marketplace” Digital Biomarkers in Pharma R&D: Technical Challenges and Strategies for Advancing Personalized Medicine Workshop. Bio-IT World Conference & Expo. **2019**
Workshop Speaker
- Timothy Aungst. “From Pillboxes to Smart Pills: How Digital Health Is Changing Medication Adherence.” ASHP 53rd Midyear Clinical Meeting, Anaheim, CA. **2018**
Session Speaker
- Susan Barrett, Timothy Aungst. “Digital Tools You Need Today and What’s Coming Tomorrow.” NCPA Annual Convention, Boston, MA. **2018**
Invited Speaker
- Timothy Aungst, Robert Pugliese, Ravi Patel. “Fostering Innovation Through Hacking: How Hackathons and Innovation Labs Can Create Novel Ideas Amongst Pharmacy Students.” AACP 118th Annual Meeting, Boston, MA. **2018**
Program Leader & Speaker
- Timothy Aungst. “Wearables in Pharmacy: Opportunities for Patient Engagement and End-user Data Collection.” ASAP Annual Meeting, Palm Beach, FL. **2018**
Invited Speaker
- Timothy Aungst. “What You Need to Know: Medical Apps in the Inpatient Setting.” (Planned in cooperation with the ASHP Section of Inpatient Care Practitioners). ASHP 52nd Midyear Clinical Meeting, Orlando, FL. **2017**
Invited Speaker
- Anastasia Armbruster, Timothy Aungst, Andrew Crannage, et al. “Technology in Pharmacy Education and Learning SIG: Case Studies and Application of Emerging Technologies.” AACP 117th Annual Meeting, Nashville, TN. **2017**
Program Leader & Speaker
- Timothy Aungst, Kelly Grindrod. “Welcome to the E-Patient Movement: Patients Becoming More Involved in Their Health Through Technology.” ASHP 51st Midyear Clinical Meeting, Las Vegas, NV. **2016**
Program Leader & Speaker

<u>Timothy Aungst</u> , Jeffrey Cain, Jeffrey Bratberg. “Emerging Technologies in Pharmacy Education (TiPEL SIG).” AACP 116 th Annual Meeting. Anaheim, CA.	2016 <i>Program Leader & Speaker</i>
<u>Timothy Aungst</u> , Lisa Gualtieri, Steven Khov. “The Impact of Data from Wearables, Sensor Technologies and Mobile Apps on the Future of Pharma.” BIG DiP USA 2015: Analytics and Insights for Pharma, Boston, MA.	2015 <i>Invited Workshop Leader & Speaker</i>
<u>Timothy Aungst</u> , Aimon Miranda. “Integration of Mobile Technology into Pharmacy Practice: What does mHealth mean for Pharmacy?” ASHP 49 th Midyear Clinical Meeting, Anaheim, CA.	2014 <i>Program Chair & Speaker</i>
<u>Timothy Aungst</u> , Jennifer Rodis. “Hands on with Mobile Medical Apps: Teaching students evaluation techniques via a workshop.” AACP 115 th Annual Meeting, Grapevine, TX.	2014 <i>Program Chair & Speaker</i>
<u>Timothy Aungst</u> . “Smartphones and Tablet Computers: What apps are good for Pharmacists?” ASHP 48 th Midyear Clinical Meeting, Orlando, FL	2013 <i>Session Speaker</i>
<u>Timothy Aungst</u> . “Evaluating Mobile Medical Apps for Utilization by Pharmacy Students.” AACP 114 th Annual Meeting, Chicago, IL.	2013 <i>Mini-Session Presentation</i>
<u>Timothy Aungst</u> . “Relationship Between Falls and Potentially Inappropriate Medications in a Hospitalized Elderly Population.” 31 st Annual Eastern States Pharmacy Conference, Hershey, PA	2012 <i>Platform Presentation (Residency Related)</i>

REGIONAL PRESENTATIONS

Madhukar Trivedi, Paul Duck, <u>Timothy Aungst</u> . “Implementing Technology Into The Management Of Patients With Mental Health Disorder” PsychU Event. Dallas, TX.	2019 <i>Invited Panelist</i>
John Kane, Alexis Crisafi, <u>Timothy Aungst</u> . “Implementing Technology Into The Management Of Patients With Mental Health Disorder” PsychU Event. New York City, NY.	2019 <i>Invited Panelist</i>
Digital Health 101 – California Pharmacist Association CPhA Summer Meeting. Southern California.	2019 <i>Speaker and Organizer</i>
<u>Aungst TD</u> . “Digital Health and Pharmacy – What you need to know.” MCPHS 10 th Stoklosa Symposium. Danvers, MA	2019 <i>Invited Speaker</i>
“The Rising Role of Digital Health in Patient Care: What pharmacists need to know.” New England Pharmacist Convention, FoxWoods, CT	2016 <i>Invited Speaker</i>

<p>“How Will Mobile Technology Change Pharmacy Practice?” University of Michigan 64th Annual Pharmacy Lectures, Ann Arbor, MI</p>	<p>2015 <i>Invited Speaker</i></p>
<p>“The Rise of the E-Patient: How Pharmacists Can be Involved in this Digital Revolution.” Florida Society of Hospital Pharmacists Annual Meeting, Orlando, FL.</p>	<p>2015 <i>Invited Speaker</i></p>
<p>“Smartphones, Tablet Computers and mHealth: How are apps and mobile devices impacting pharmacy?” Massachusetts Society of Health – Systems Pharmacists Annual Meeting, Boston, MA</p>	<p>2014</p>
<p>“Integration of mobile technology into pharmacy practice – What does mHealth mean for Pharmacy?” 4th Annual Stoklosa Symposium – MCPHS University, Woburn, MA</p>	<p>2013</p>
<p>“Integration of mobile applications into pharmacy practice: What apps are good for me?” New Hampshire Society of Health-Systems Pharmacists, Manchester, NH</p>	<p>2013</p>
<p>“Integration of mobile applications into pharmacy practice: What apps are good for me?” Pharmacy Care Days – Massachusetts College of Pharmacy and Health Sciences, Worcester, MA</p>	<p>2012</p>

LOCAL PRESENTATIONS

<p><u>Aungst TD, McCallum J.</u> “mHealth and Why It’s Hot – a Fireside Chat.” <i>TechSandBox</i>, Hopkinton, MA</p>	<p>2017 <i>Invited Panelist</i></p>
<p>Chu Z, <u>Aungst TD.</u> “Digital Health Innovations for Medication Adherence.” <i>Pfizer Clinical Adherence Science and Technology Community of Practice</i>, Cambridge, MA.</p>	<p>2017 <i>Invited Speaker</i></p>
<p>“Chronic pain in the older adult – Pharmaceutical considerations” Worcester Aging and Mental Health Conference – Chronic Pain, Older Adults and Mental Health, Worcester, MA</p>	<p>2013</p>

WEBINARS

<p><u>Aungst TD.</u> “Geriatric Care in the Digital Age: The Role of Smart Devices and Tools for Patient Care.” American Society of Consultant Pharmacists. BCPG Educational Series.</p>	<p>2019 <i>Invited Speaker</i></p>
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<u>Aungst TD</u> , Kalichira A, Purohit A. “Mobile Health Apps and Wearable Devices: Interconnectivity, Security, and Patient Safety.” ASHP Informatics and Technology Section	2017 <i>Invited Speaker</i>
<u>Aungst TD</u> , Bratberg J, Cain J, Hartzler M. “Social Media and Pharmacy Academics: Current Status and Future Developments.” AACP Technology in Pharmacy Education and Learning SIG	2015 <i>Invited Panelist</i>
“Integrating Mobile Technology into Patient Care in Small and Rural Settings: Critical Roles for Pharmacists.” ASHP Rural Health Section	2015 <i>Invited Speaker</i>
“Integrating Mobile Technology into The Scientific Environment” Mobile Applications Driving Data Efficiencies The Scientist	2014 <i>Invited Panelist</i>

POSTER PRESENTATIONS

Massey C, <u>Aungst TD</u> , Evans P, Silva M. A comprehensive approach to providing Medicare Part D evaluations: the MCPHS University Experience. American Society on Aging Annual Meeting.	2015 <i>Peer-Reviewed Abstract</i>
Morgan Comee, Jeffrey Fong, Jennifer Donovan, Jayne Lepage, <u>Timothy Dy Aungst</u> . Effectiveness of a research seminar for first and second year pharmacy practice residents. AACP Annual Meeting, Grapevine, TX	2014 <i>Professional Poster</i>
Jennifer Rodis, <u>Timothy Dy Aungst</u> . Evaluating First-Year Pharmacy Student Experience with Medical Apps. AACP Annual Meeting, Grapevine, TX	2014 <i>Professional Poster</i>
Kaitlyn Brown, <u>Timothy Dy Aungst</u> , Christian Castrol, Ajay Bommareddy, Adam VanWert, Dan McCune. “Alpha1-adrenergic receptor subtype specific activation of ERK in human primary smooth muscle cells.” Experimental Biology Conference, San Diego, CA.	2014 <i>Professional Poster</i>
<u>Timothy Aungst</u> , Colleen Massey, Brian Amzler, Paula Evans. Impact of Recommendations Made by a Pharmacy Outreach Program Call Center on Costs of Medicare Part D Plans for Beneficiaries During Open Enrollment.” APhA Annual Meeting, Los Angeles, CA	2013 <i>Professional Poster</i>
<u>Timothy Aungst</u> , Robert Menak, AnnElise Collier, Ric Baxter “Ketamine Infusion for Loin Pain Hematuria Syndrome Exacerbation Refractory to Opioid Therapy: a Two Patient Case Study.” ASHP 47 th Midyear Clinical Meeting, Las Vegas, NV	2012 <i>Professional Poster</i>

- Scott Bolesta, Kong Fanhui, Timothy Aungst. “Effect of sodium nitroprusside on the occurrence of atrial fibrillation after cardiothoracic surgery.” SCCM 41st Critical Care Congress, Houston, TX 2012
Professional Poster
- Timothy Aungst, Robert Menak. “Falls in hospitalized geriatric patients and assessment of potentially inappropriate medications (PIMs) using two criteria sets.” ASHP 46th Midyear Clinical Meeting, New Orleans, LA 2011
Resident Poster
- Timothy Aungst, Christina Yesu, Kristen Billek, Edward Foote. “Identification of drug-related problems by APPE students in the home healthcare setting.” AACP Annual Meeting, San Antonio, TX 2011
Professional Poster
- Timothy Aungst, Adam Bachman, Steven Prinster, Dan McCune. “Characterization of α_{1A} -adrenergic receptor splice variants in human aortic and pulmonary arterial smooth muscle cells.” Experimental Biology Conference, New Orleans, LA 2009
Professional Poster

JOURNALS REVIEWED

American Journal of Pharmacy Education, BMJ Innovations, Clinical Anatomy, Currents in Pharmacy Teaching and Learning, European Journal of Pediatrics, Health Policy and Technology, JAMA Dermatology, Journal of the American Pharmacists Association, Journal of Medical Internet Research, Pharmacy Practice, Pharmacy and Therapeutics, & PLOS One.

GRANTS REVIEWED

National Institute of Science and Technology (NIST), Health Research Council of New Zealand

GRANTS

- “Evaluation of Mobile Apps for Travel Medicine” February 2017
Granted
International Society of Travel Medicine
Grant Request: \$2,500.00
- “Integrating Digital Health Technology into Undergraduate Health Education.” May 2016
Granted
Astra-Zeneca
Grant Request: \$25,000.00 (Grant Allowance: \$4,000)
- “Online multiplayer game to facilitate STEM Knowledge.” May 2015
Unfunded
National Science Foundation Grant
American Association of Colleges of Pharmacy, Alexandria, VA
Grant Request: \$3,000,000.00

“Medication Management and Chronic Disease Education Program (Ask the Pharmacist)”	July 2013 <i>Granted</i>
Central Massachusetts Agency on Aging (CMAA) Title IID Grant MCPHS University Pharmacy Outreach Program, Worcester, MA <i>Grant Allowance: \$8,000.00</i>	
NIH/NLM Contract: Improving the Health Information Literacy Skills of Older Adults and Caregivers, Health Professions Students, and Public Librarians	June 2013 <i>Granted</i>
National Institutes of Health, National Library of Medicine, National Network of Libraries of Medicine – New England Region (NN/LM-NER) Health Information Outreach Program Award MCPHS University, Worcester, MA May 1, 2013 – April 30, 2014 <i>Grant Allowance: \$25,000.00</i>	
National Association of Chain Drugstores Foundation Million Hearts Grant	August 2012 <i>Granted</i>
MCPHS Pharmacy Outreach Program, Worcester, MA <i>Grant Allowance: \$1,000</i>	
Wilkes University Student Research Type 1 Grant	June 2008 <i>Granted</i>
Wilkes University, Wilkes-Barre, PA <i>Grant Allowance: \$2,000</i>	

AWARDS & HONORS

2015-2016 ISTM Journal of Travel Medicine Award for Second Best Brief Communication Article International Society of Travel Medicine (ISTM), Barcelona, Spain	2017
Preceptor of the Year MCPHS University, MA	2017
Advisor of the Year MCPHS University, MA	2015
Game Changer Award <i>Google Glass Challenge – Sponsored by MedTech Boston</i> Cambridge, MA	2014

MEDIA MENTIONS

- Erickson AK. Mobile med apps: What’s right for your hospital practice? Pharmacy Today. January 2014 Volume 20, Issue 1, Page 8
- Erickson AK. mHealth revolution: Apps, technology poised to transform the pharmacist-patient relationship. American Pharmacist Association. November 14, 2014.
- Oldfield E. The “Internet of Things” that can change health care. Pharmacy Times. March 23, 2015.

Erickson AK. Technology: Will it help or hurt the future of pharmacy practice? American Pharmacist Association. May 1, 2015.

Collins, S. Using Watson to improve chronic disease outcomes. Pharmacy Today. September 2015 Volume 21, Issue 9, Page 64

Erickson AK. Mobile apps: Changing the face of hospital pharmacy. October 1, 2015.

Erickson AK. Connecting the CPOE dots: Where do we go from here? January 2016 Volume 22, Issue 1, Pages 4-6.

mHealth links providers, pharmacists and patients. Pharmacy Practice News. April 4, 2016.

Ochsner takes disease tracking to heart. Pharmacy Practice News. May 12, 2016.

Nonadherent Patients: your pill bottle is calling! Pharmacy Practice News. September 3, 2016.

Erickson AK. Rise of digital health and medical adherence technology raises concerns. Pharmacy Today. September 2016 Volume 22, Issue 9, Page 16.

D'Arrigo T. E-prescribing workarounds may threaten patient safety. Pharmacy Today. May 2017 Volume 23, Issue 5, Page 5.

Syrop J. Will Amazon enter the online pharmacy market. The Center for Biosimilars. October 9, 2017.

Health apps offer a mixed bag of outcomes. Pharmacy Practice News. Pharmacy Today. November 7, 2017.

Rosenthal M. FDA Approves pill that can track whether patients took the med. Pharmacy Practice News. November 14, 2017.

1st 'Digiceutical' OK'd; Opens Door For Pharmacists. Pharmacy Practice News. December 2, 2017.

Sayej N. How wearable tech is gearing up to tackle mental health. Wearable. December 8, 2017.

Collins S. Med Tech. Living Section. WebMD. Mar/Apr 2018. Page 19.

Constance, J. The 4 Tech Advances Benefitting Pharmacies and Patients. Drug Topics. October 24, 2018.

O'Hara D. Wearable Technology for Mental Health. American Psychological Association. June 6, 2019.

NATIONAL COMMITTEE MEMBERSHIP

American Society of Pharmacovigilance – Communications Affair Co-Chair	2019 to Present
AACP TIPEL – Communications Committee Chair Elect – 2017-2018 Chair – 2018-2019	2014 to 2020
AACP Minority Faculty SIG – Programming Committee – Member	2014 to 2017

UNIVERSITY COMMITTEE MEMBERSHIP

MCPHS University – Digital Health Committee	2018 to Present
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MCHS University School of Pharmacy – Pharmacotherapeutics Design Task Force	2017 to 2018
MCHS University School of Pharmacy – Rubric Design Task Force	2017 to 2018
MCHS University School of Pharmacy – NAPLEX Readiness Committee – Co-Chair	2016 to Present
MCHS University School of Pharmacy – Pharmacy Department Retreat Committee	2016 to Present
MCHS University School of Pharmacy – PALS Committee	2016 to Present
MCPHS University School of Pharmacy Admission Committee	2013 to 2019
MCPHS University School of Pharmacy White Coat Day Committee	2013

PROFESSIONAL MEMBERSHIPS

American Association of Colleges of Pharmacy (AACP)	2012 to 2020
American Society of Consultant Pharmacists (ASCP)	2012 to 2014
American Society of Health System Pharmacists (ASHP)	2010 to 2020
American Pharmacist Association (APhA)	2009 to 2013
American Society of Pharmacology and Experimental Therapeutics (ASPET)	2008 to 2011

LICENSES & CERTIFICATIONS

Medication Therapy Management & Train-the-Trainer Certificate

American Pharmacists Association

Pharmacist & Patient-Centered Diabetes Care Certificate

American Pharmacists Association

Point of Care Certification and Train-the-Trainer Certificate

National Association of Community Drug Stores

Pennsylvania Pharmacy State License

Pennsylvania State Board of Pharmacy, Harrisburg, PA

Massachusetts Pharmacy State License

Massachusetts State Board of Pharmacy, Boston, MA

APHA Pharmacy-Based Immunization Delivery Certification

Wilkes University, Wilkes-Barre, PA

Residency Teaching Certificate

Residency Teaching Seminar, Shrewsbury, MA

REFERENCES

Available upon request

Last Updated: November 5, 2019