

Amy I. Christopher, PharmD, BCPS
CURRICULUM VITAE

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HIGHLIGHTS

- Seasoned, board-certified health care professional with over 22 years of clinical pharmacy, collaborative practice with physicians and research experience
- Highly effective communicator and educator with the ability to present research and healthcare topics to patients, health care professionals/students, and executives in multiple formats
- Adjunct faculty member for two colleges of pharmacy and have given over 200 pharmacy, healthcare and anticoagulation-related PowerPoint presentations
- Excellent coaching, modeling and facilitative skills to motivate and teach safe and effective medication use.
- Passion for teaching students, health education for underserved populations, patient care, research projects, interprofessional education, and investigating adverse events and drug interactions

PROFESSIONAL EXPERIENCE

University of Dayton Physician Assistant Clinical Professor

April 2017 to present

- Educate PA students in classroom, skills assessments, interprofessional activities, patient counseling and practice assessments
- Assess PA students regarding oral presentation, physical exam, procedure check offs, history and medication review, patient counseling, formulating a differential diagnosis, assessment and plan and medical note writing
- Compose and coordinate interprofessional activities, mannequin simulations and OSCEs
- School of Education and Health Sciences Non-Tenure Track Promotion Committee Secretary 2020-2021
- Secretary of School of Education and Health Sciences Clinical Faculty Promotion Committee 2019-2020
- Co-chair of School of Education and Health Sciences Non-Tenure Track Promotion Committee 2021-2022
- SEHS Congress Executive Committee Member 2021-2022
- PA program Admissions Committee member 2020-2021
- University of Dayton Library Committee Member 2017 to present
 - Ruhlman award subcommittee candidate reviewer
- University of Dayton Teaching Fellow 2019-2020
- Search Committee for SEHS Associate Dean 2020
- Chair of PA Department Didactic Committee 2018
- Dayton area Healthcare Interprofessional Collaborative Contributor
- Courses taught:
 - PAS 510 Essentials in Hematology
 - PAS 533 Applied Patient Assessment I (Team STEPPS, LGBTQ+ Healthcare, & Motivational Interviewing in collaboration with other instructors)

- o PAS 540 Essentials of Cardiology (Module Coordinator for part II) and Pharmacology in parts I through III
- o PAS 568 Applied Patient Assessment III (Diversity and Inclusion Language)
- o PAS 600 Research Design
- o PAS 650 Capstone Project
- o Longitudinal Pharmacology in all didactic portion of the 16 month PA didactic curriculum
- o Acid Base Disturbances
- o Diabetes, Hypertension, Hyperlipidemia and Antibiotics Review for PA clinical students
- o Pediatric Mental and Behavioral Health

Coordinator for St. Mary’s Development Pharmacotherapy Clinics 2018-2020

- Developed and coordinated complete medication review, smoking cessation and insomnia interprofessional clinics for underserved resident population of St. Mary’s Development
- Precept PA, medical and pharmacy students during clinic
- Follow up with patients and providers regarding health and medication recommendations

MEDVOUC Homeless Shelter Clinic Pharmacist Volunteer and Preceptor UC Colleges of Pharmacy and Medicine 2016 to present

St. Vincent DePaul Charitable Pharmacy

- Clinical pharmacist and diabetes case manager volunteer 2019 to present

Ebenezer Healthcare Health Education Commissioner and co-chair of the Board (2021-2022)

2019 to present

Promote healthcare education materials for African immigrants in the Dayton area. Organization helps immigrants with healthcare access and healthcare system navigation by overcoming language and cultural barriers.

- Created a Youtube health education channel in collaboration with Dayton African immigrant community members, pharmacy students, PA students and University of Dayton media department
 - o Diabetes education videos available in English, Kinyarwanda, Swahili and French
 - o Covid education videos available in English, Kinyarwanda, Swahili and French
- Assisted with successful grant application for Welcome America Covid education materials for African Immigrants

St. Elizabeth Healthcare Anticoagulation Clinic Coordinator and oncology outpatient infusion services

February 2006 to March 2017

- Edgewood anticoagulation clinic coordinator September 2007 to present
- Supervise anticoagulation clinic nursing, pharmacist and medical assistant staff
- Monthly discussion moderator and creation of written teaching materials with PharmD students and pharmacy residents for the following separate topics: pregnancy and anticoagulation, NOAC therapies, vitamin K reversal, venous thromboembolism, atrial fibrillation, stroke, valvular heart disease, oncology, and drug interactions
- Train, coach, model and facilitate learning experiences for advanced practice monthly rotations (average 9-10 per year) as well as 1-2 PGY1 monthly and longitudinal pharmacy residents every year for the past 9 years

- Develop and oversee research proposals with pharmacy residents and students
- Complete research projects for national and regional meeting poster presentations and submissions for publication
- Educate new patients for the anticoagulation clinic
- Educate new and follow-up hospital patients on warfarin
- Schedule anticoagulation clinic staff at multiple locations
- Chair monthly anticoagulation clinic staff meeting
- Provide quarterly education presentations to anticoagulation clinic staff
- Present education to physicians, patients and other healthcare professional regarding traditional and novel anticoagulants
- Perform consults from nurse practitioners in oncology, emergency department and DVT clinic areas of health system
- Educate patients and health care professionals regarding LMWH or Arixtra®
- Provide monthly meeting summary to administration
- Research and provide written and verbal drug information for clinic patients, clinic staff and referring physicians
- Prescribe anticoagulant medications and lab tests per collaborative care agreement with physicians
- Develop and revise policies and procedures for anticoagulation clinic
- Enforce Joint Commission requirements for hospital outpatient services
- Educate health care providers regarding use of EPIC software for outpatient visits
- Compose quarterly educational newsletter for anticoagulation clinic patients
- Developed procedures and patient handout for national drug safety counseling of inpatients on warfarin
- Coordinate periprocedural anticoagulation for patients and prescribers including sub Q technique teaching and dosing calendars
- Maintain daily, weekly and monthly statistical analysis of clinic quality control measurements
- Communicate with referring physicians regarding patient care issues

Outpatient pharmacy services

- Pharmacist-In-Charge for Medical Village Pharmacy February 2006-April 2007
- Staff outpatient oncology sterile compounding 2016 to present
- Monitor and verify outpatient oncology patient treatment plans
- Staff outpatient pharmacy within the hospital September 2007 to 2013
- Answer drug information questions from hospital prescribers, patients and hospice staff
- Manage pharmacy technicians in a hospital outpatient setting

Adjunct Faculty for St. Louis College of Pharmacy Advanced Pharmacy Practice Experience (APPE)

January 2015 to 2017

Adjunct Assistant Instructor of Clinical Pharmacy for University of Cincinnati College of Pharmacy (APPE)

March 2010 to present

May 2019 **University of Cincinnati College of Pharmacy SBIRT Training**

August 2016 **Good Clinical Practice Principles Course Certificate SEH**

July 2016 **Board Certified Pharmacotherapy Specialist, credential # 3152353**

November 2015 **APhA Pharmacy-Based Cardiovascular Disease Risk Management Certificate**

October 2015 **Pharmacist Naloxone Certification/License Ky Board of Pharmacy**

May 2013 **Scholarship of Teaching and Learning Program Certificate UKCOP**

September 2012 **Caresource MTM program**

February 2009 **Outcomes MTM training program**

August 2007 **Southwestern Indiana University Anticoagulation Certification**

March 2002 **APhA Pharmaceutical Care for Patients with Diabetes Certificate**

September 1999 **NABP Certified in Disease State Management Asthma Counseling**

June 1999 **Pharmacy-Based Immunization Delivery Certificate Program**

PUBLICATIONS

Christopher, A, Gortemiller T, Zemmer J, Wronowski M. Interprofessional Healthcare Student Perceptions of Clinical vs. Simulation Learning Through Participation in Underserved Health Clinics. *Medical Science Educator*. 2021 May 11. doi: 10.1007/s40670-021-01297-9

Christopher A, Jenjibir A. Physician Assistant Teaching Effectiveness Through Incorporation of Active Learning and Interdisciplinary Pharmacy Students. *Journal of Physician Assistant Education*. 2021 June vol. 32 (2) 102-107. doi: 10.1097/JPA.0000000000000356

Christopher A, Peters D, Laswell E et. al. Anemia Interprofessional Team Role-play Case for Students in Outpatient Primary Care. *Journal of Interprofessional Education and Practice*. 16(2019) 100266. doi: 10.1016/j.xjep.2019.100266

Christopher A and Sweet M. Assessing Anticoagulation Safety and Efficacy in Antiphospholipid Syndrome Patients Monitored by Factor II Activity Assay. *Asian J Pharm Clin Res*. 2017 Mar; 10(3).

Christopher A. Fondaparinux Outpatient Use for Patients with a Heparin-Induced Thrombocytopenia History: A Case Report and Review. *Pharmacy*. 2016; 5(1):1. doi: 10.3390/pharmacy5010001

Christopher A. Subtherapeutic INR in a Patient on Warfarin Therapy After Discontinuation of Lomustine. *British Journal of Medicine and Medical Research*. 16(12): 1-5, 2016, Article no.BJMMR.27232. doi: 10.9734/BJMMR/2016/27232

Christopher A. Critically Elevated INR in a Patient on Warfarin After Increase in Extended-Release Niacin Dose. *Annals of Pharmacotherapy* 2011; 45(11):e58.

Chang, J et. al. (assisted in editing) *Self-Study Learning Guide: Pharmaceutical Care for Patients with Asthma*. American Pharmaceutical Association Publication 2003.

Brandt BF, Moore A, DeWitt B et al. Effective Teaching and Learning Strategies. *Pharmacotherapy*. 2000 Oct;20(10 Pt 2):307S-316S.

Dwoskin LP, Moore A, Butterfield W et al. The Dopamine Transporter: A Pivotal Role of Cysteine Residues in Dopamine Translocation. Rejected for publication.

Gathering data for future manuscript submission:

Christopher A, Peters D, Laswell E et. al. Interprofessional Team Role-Play Case and Student Perceptions of Interprofessional Education Influenced by DISC and BAI Personality and Behavioral Classification.

Christopher, A, Muhumre A. Health Literacy of African Immigrants, Refugees and Asylum Seekers in Southwest Ohio Utilizing the Short Assessment of Health Literacy from AHRQ.

Peer Review for Journals:

Publication reviewer for *Clinical and Applied Thrombosis and Hemostasis journal*: 8/18/21, 5/22/21, 9/25/19, 9/16/18, 5/20/18, 4/9/18, 4/28/17, 9/17/16, 8/8/16, 10/9/15, 2/3/15, 8/5/14, 2/17/14.

Publication reviewer for *Cardiovascular Drugs and Therapy journal*: 10/20.

PRESENTATIONS

International

“Thrombus risk reduction in antiphospholipid syndrome patients monitored by factor II activity assay”, accepted submission to ISER- 36th International Conference on Science, Health and Medicine (ICSHM). Co-author with Michelle Sweet, PharmD. Colombo, Sri Lanka. June 14, 2016 (Abstract and presentation accepted but conference cancelled due to low registration)

National

“**Physician Assistant Program Teaching Effectiveness Through Incorporation of Active Learning and Interdisciplinary Clinical Pharmacy Students**”. Poster presentation. Co-author with Ana Jenjebir, Pharm D. ASHP Midyear 2018

“**Thrombus Risk reduction in antiphospholipid syndrome patients monitored by factor II activity assay**”. Poster presentation. Co-author with Michelle Sweet, PharmD. ASHP Midyear 2015

“**The Dopamine Transporter: A Pivotal Role of Cysteine Residues in Dopamine Translocation,**” poster presentation at the American Association of Colleges of Pharmacy National Meeting. Snow Mass, CO. July 21, 1998

Regional

“Thrombus Risk reduction in antiphospholipid syndrome patients monitored by factor II activity assay”. Poster presentation. Co-author with Michelle Sweet, PharmD. Great Lakes Pharmacy Residency Conference. April 2016

“The Dopamine Transporter: A Pivotal Role of Cysteine Residues in Dopamine Translocation”. Poster presentation at the West Virginia University Undergraduate Research Conference. Morgantown, WV. October 19, 1998

Local

April 2021: **Building a Research Community Presentations** University of Dayton: African Immigrant Health Literacy Research, Pharmacy and PA student’s DISC/BAI Personality & Attitude Traits Affect on IPE Experiences Research, & Experiential Learning for PA, MD and Pharmstudents in Underserved Clinics Research

October 2020. **“Active Learning in the Classroom”**. University of Dayton Teaching Fellows.

April 2020: **“Interprofessional Healthcare Student Perceptions of Clinical Experience Effectiveness After Participation in Local Underserved Health Clinics”**. Poster presentation. Co-authors: Tina Gortemiller, Meredith Wronowski, Amy Jennings and Jonathan Zemmer. University of Dayton SEHS Building a Research Community poster presentation.

April 2020: Submitted original slide presentation for **COVID-19 education** to be translated for African immigrants in Dayton through Ebenezer Healthcare Access.

April 2020: **“Interprofessional Healthcare Student Perceptions of Clinical Experience Effectiveness After Participation in Local Underserved Health Clinics”**. Poster presentation. Co-authors: Tina Gortemiller, Meredith Wronowski, Amy Jennings and Jonathan Zemmer. University of Cincinnati College of Pharmacy Capstone Project presentation.

February 2020: **“Active Learning utilizing Technology for STEM students”**. University of Dayton Engineering Program for Faculty Development.

October 2019: **“Active Learning Utilizing Technology”**. University of Dayton Teaching Fellows.

April 2019: **“Active Learning and Interdisciplinary Clinical Pharmacy Students”**. Poster presentation. Co-author with Ana Jenjebir, Pharm D. University of Cincinnati College of Pharmacy Capstone project presentation.

Pharmacology, Hematology, Acid Base Disturbances, Pediatric Mental Health, LGBTQ Healthcare, Team STEPPS and various presentations throughout PA program 2017 to present.

“HIT therapy”. PowerPoint presentation. Given to St. Elizabeth Healthcare pharmacists and nurses. December 2016.

“Direct Comparison of Novel Oral Anticoagulants”. Power point presentation collaboration with Sarah Hensley, PharmD candidate. Given to St. Elizabeth Healthcare pharmacists, nurses, residents and pharmacy students. October 2016.

“Effects of Tobacco, Nicotine Products and Smoking Cessation on INR”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists, residents and UC students. July 2016

“ISMP Quarter Watch Update: NOACs”. Power point presentation collaboration with Mariah Weber, PharmD candidate. Given to St. Elizabeth Healthcare pharmacists, residents and UC students. April 2016

“Durlaza and Aspirin Therapy”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists and nurses. March 2016

“Antithrombotic Therapy Update: 10th edition CHEST guidelines”. Power point Presentation and approved for Kentucky Board of Pharmacy Continuing Education. St. Elizabeth Healthcare pharmacists and nurses. January 2016

“To Bridge or Not to Bridge: Single Subtherapeutic INRs”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists, nurses and a cardiologist. Collaboration with Maggie Patterson, PharmD candidate. September 2015

“American Society of Hematology Conference 2015 Highlights”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists and nurses. April 2015

“SEH Afib Bridging”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists and nurses. Collaboration with Chris Chidueme, PharmD candidate. January 2015

“Low Molecular Weight Heparin Dosing in Obese Patients”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists and nurses with Chris Unger, PharmD candidate. July 2014

“Diagnosis of Recurrent DVT”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists and nurses with Stacia Poff, PharmD candidate. June 2014

“INR extended interval update”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists and nurses. May 2014

“Update on extended INR intervals”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists and nurses with Jennifer Bayorek, PharmD candidate. April 2014

“INR extended interval update”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists, nurses and a cardiologist. March 2014

“Basics of Thrombophilia from National Clot Alliance”. Computer Based Learning Module for St. Elizabeth Healthcare professionals. January 2014

“Edoxaban”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists, nurses and a cardiologist. January 2014

“DVT”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists, nurses and a cardiologist. January 2014

“Diagnosis of Recurrent DVT”. Computer Based Learning Module for emergency department physicians. October 2013. Approved for American Medical Association (AMA)/Physicians Recognition Award (PRA) category 1 physician’s continuing education credit.

“Intracerebral Hemorrhage on Anticoagulants”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists and nurses. September 2013

“Extended INR Intervals for SEH Anticoagulation Clinic Patients”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists and nurses. May 2013

“St. Elizabeth Healthcare Bleeding Adverse Events with Anticoagulants”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists, a cardiologist, and nurses. May 2013

“Considerations For Anticoagulation Clinic Patients on Anticonvulsants”. Power Point presentation . Given to St. Elizabeth Healthcare pharmacists, nurses and medical assistant. February 2013

“St. Elizabeth Healthcare Bleeding Adverse Events with Anticoagulants”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists, a cardiologist, and nurses. October 2012

“St. Elizabeth Healthcare Bleeding Adverse Events with Anticoagulants”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists, a cardiologist, and nurses. August 2012

“ACC Patients switching to Novel Anticoagulants Update”. Power point presentation. Given to St. Elizabeth Healthcare pharmacists, a cardiologist, and nurses. August 2012

“DVT and PE in Cancer Patient”. Power point presentation collaboration with Stephanie Mayhaus, PharmD candidate given to St. Elizabeth Healthcare oncology care team (physician assistant and nurses). July 2012

“Policy Update for the Ninth Edition of the Chest Guidelines”. Power point presentation collaboration with Laura Lang, PharmD candidate given to St. Elizabeth Healthcare pharmacists, nurses and a cardiologist. April 2012

“Chest Guideline Updates for Mechanical Heart Valves & Bridging Anticoagulation”. Power point presentation collaboration with Eric Hand, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. March 2012

“Ninth Edition Chest Guidelines: Important Changes to the Anticoagulation Clinic”. Power point presentation to pharmacists, nurses and a cardiologist at St. Elizabeth Healthcare. March 2012

“Medication Therapy Management in the Anticoagulation Clinic”. Power point presentation in collaboration with Chris Isong, PharmD candidate given to St. Elizabeth Healthcare pharmacists, nurses and billing staff. January 2012

“Antiphospholipid Syndrome: Proposed Changes to St. Elizabeth Healthcare Protocol”. Power point presentation collaboration with Benjamin Jacobs, PharmD candidate given to St. Elizabeth Healthcare pharmacists, nurses and a cardiologist. November 2011

“Antiphospholipid Syndrome: A Brief Review of the St. Elizabeth Healthcare Protocol”. Power point presentation in collaboration with Shaun Seth, PharmD candidate given to St. Elizabeth Health care pharmacists and nurses. October 2011

“Evaluating Potential Drug Interactions: A Case Report and Review”. Power point presentation to St. Elizabeth Healthcare pharmacists. October 2011

“Genetic Testing and Anticoagulation”. Power point presentation collaboration with Josianne Parent, PharmD candidate given to St. Elizabeth Healthcare pharmacists, nurses and a cardiologist. September 2011

“On-X Prosthetic Heart Valve”. Power point presentation collaboration with Kim Downs, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. July 2011

“GI bleed Case Presentation: Pradaxa®”. Power point presentation collaboration with Jacquelyn Helmes, PharmD candidate given to St. Elizabeth Healthcare pharmacists, nurses and a cardiologist. May 2011

“Antidepressants and warfarin”. Power point presentation collaboration with John Freeman, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. April 2011

“Rivaroxaban Clinical Studies”. Power point presentation collaboration with Jen Frerick, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. March 2011

“Post-Thrombotic Syndrome and Pulmonary Hypertension Continuing Education”. Power point presentation collaboration with Svetlana Novosletskeya, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. February 2011

“Switching to Pradaxa® Update”. Power point presentation to St. Elizabeth pharmacists, nurses and a cardiologist. February 2011

“Mitral Valve Stenosis: Why Anticoagulation is Necessary”. Power point presentation collaboration with Jordan Phelps, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. January 2011

“CHADS₂ scoring: Is There a Need for a New Risk Stratification Scheme?” Power point presentation collaboration with Justin Campbell, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. December 2010

“Antithrombin III Deficiency”. Power point presentation collaboration with Rachel Osborne, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. October 2010

“Thoracic Outlet Syndrome”. Power point presentation collaboration with Lindsey Frilling, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. August 2010

“Prothrombin G20210A Mutation”. Power point presentation collaboration with Ray Schwendenmann, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. July 2010.

“Vitamin K for Warfarin Reversal: A Review of the ACCP guidelines”. Power point presentation given to Family Practice Medical Residents. May 2010

“Assessing Stroke Risk in Patients with Atrial Fibrillation”. Power point presentation collaboration with Mary Beth Ecken, PharmD given to St. Elizabeth Healthcare pharmacists and nurses. April 2010

“RELY: Study of Stroke Prevention in Atrial Fibrillation. Dabigatran versus Warfarin”. Power point presentation in collaboration with Antonio Carson, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. March 2010

“Hemostasis and Anticoagulation Review”. Power point presentation collaboration with Bemedji Keene, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. February 2010

“Xeloda: Warfarin Interaction”. Power point presentation collaboration with Anna Capretta, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. January 2010

“Lipid-Altering Drugs and Concurrent Warfarin Therapy”. Power point presentation collaboration with Derek McDaniel, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. December 2009

“Myocardial Infarctions and use of Warfarin”. Power point presentation collaboration with Elly Pasechnik, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. November 2009

“Hormonal Contraception and the Risk of Venous Thromboembolism”. Power point presentation collaboration with Cassee Jones, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. October 2009

“Protein C and S Deficiency”. Power point presentation collaboration with Carolyn Weber, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. September 2009

“Anti-Arrhythmic Drug Comparison and Warfarin Interaction Potential”. Power point presentation collaboration with Laura Belles, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. August 2009

“Antiphospholipid Antibody Syndrome (APS)”. Power point presentation collaboration with Anne Kellogg, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. July 2009

“Surgical Options for Atrial Fibrillation”. Power point presentation given to St. Elizabeth Healthcare pharmacists and nurses. June 2009

“Recent Advances in Anticoagulation Therapy”. Power point presentation given to University of Cincinnati College of Pharmacy faculty. May 2009

“Anticoagulation Guidelines, Safety Goals and New Therapy Updates”. Power point presentation given to St. Elizabeth Healthcare pharmacists and nurses. May 2009

“Oral Factor X_a Inhibitors”. Power point presentation collaboration with Lauren Abell, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. April 2009

“Anticoagulation and Heart Failure”. Power point presentation collaboration with EB Bennett, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. March 2009

“Warfarin Use in Dialysis Patients”. Power point presentation collaboration with Jennifer Copple, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. February 2009

“Risk Factors, Prophylaxis, and Treatment of Venous Thromboembolism in Patients with Cancer: continuing education”. Power point presentation collaboration with Katie Keiner, PharmD given to St. Elizabeth Healthcare pharmacists and nurses. January 2009

“Factor V Leiden”. Power point presentation collaboration with Jinhye Lee, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. December 2008

“Prosthetic Heart Valves”. Power point presentation collaboration with Dana Archual, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. November 2008

“Patient Compliance with Warfarin Therapy”. Power point presentation collaboration with Stacie Twehues, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. September 2008

“Warfarin versus Aspirin in Atrial Fibrillation”. Power point presentation to St. Elizabeth Pharmacy Staff. September 2008

“SEMC Anticoagulation Clinic Quality Assurance Statistics”. Power point presentation collaboration with Jessica Lange, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. July 2008

“Warfarin versus Aspirin in Atrial Fibrillation”. Power point presentation to Anticoagulation Clinic Staff. March 2008

“Self-Monitoring of INR: Expansion of Eligible Medicare Patients”. Power point presentation collaboration with Heather Tripplett, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. March 2008

“Warfarin and OTC interactions”. Power point presentation collaboration with Jenelle Spaulding, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. February 2008

“Fondaparinux and Heparin Bridging”. Power point presentation in collaboration with Victoria Onikede, PharmD candidate given to St. Elizabeth Healthcare pharmacists and nurses. November 2007

“Generic Drug Substitution and Ky Medicaid Updates”. Power point presentation to new medical residents. June 2006

“Emerging Role of Vascular Endothelial Growth Factor Receptor Inhibition: A Focus on AG-013736”. Power point presentation to Astra Zeneca pharmacists. December 2004

“Aseptic technique and USP 797”. Power point presentation to Oncology-Hematology Care Nursing staff. October 2004

“Risedronate and the Effect on Hip Fracture Risk”. Power point presentation to Procter & Gamble pharmacists. October 2004

“Innohep”. Power point presentation to Oncology-Hematology Care Medical Assistant staff. March 2004

“Breathe Better with your Medicines”. Power point presentation to Pediatric Associates of Northern Kentucky. November 2003

“Breathe Better with your Medicines”. Power point presentation to Better Breathers Club of Northern Kentucky. March 2003 and October 2001

Asthma lecture, Pharmacology class at Thomas More. February 2003 and 2004

“Antipsychotic Use in the Elderly”. Power point presentation to nursing staff at Pataskala Oaks. June 2003

“Herbal Treatments for Menopausal Symptoms”. Presentation to pharmacy staff at Meijer pharmacy in Florence, KY. February 1999

“Antidepressant Use in the Elderly”. Presentation to nursing staff at a long-term care facility in Mount Sterling, KY. November 24, 1998

“Antipsychotic Agents”. Presentation to pharmacy students and preceptors at the Kentucky Clinic. October 28, 1998

“Chronic Hepatitis C”. Presentation to preceptor at the Kentucky Clinic. Lexington, KY. October 23, 1998

“New Treatments in Multiple Sclerosis”. Presentation to other pharmacists at University of Kentucky hospital. Lexington, KY. September 30, 1998

“Urinary Incontinence in the Elderly”. Presentation to other pharmacists at D&R Pharmicare. Lexington, KY. September 1, 1998

“Thyroid Disorders and Warfarin Use”. Presentation to other pharmacists at the VA Medical Center. Lexington, KY. June 1998

“Ambien Use in the Elderly.” Power Point presentation in Geriatric Pharmacy class. Lexington, KY. November, 24 1997

PROFESSIONAL ACTIVITIES

- Premier Health Dietetic Student Capstone advisor for nutrient-drug interactions 2021
- Dayton Healthcare Interprofessional Collaborative Case Contributor and Facilitator 2019 to present
- University of Kentucky Scholarship of Teaching and Learning Program 2013
- ASHP Pharmacy Residency Recertification Preceptor Interview 2016
- Publication reviewer for Clinical and Applied Thrombosis/Hemostasis journal: 9/16/18, 5/20/18, 4/8/18, 4/28/17, 9/17/16, 8/8/16, 10/9/15, 2/3/15, 8/5/14, 2/17/14
- Publication reviewer for Cardiovascular Drugs and Therapy: 10/20
- Rx for the Future Focus Group: Future direction of the UC College of Pharmacy direction and education initiatives (University of Cincinnati College of Pharmacy)
- Ambulatory Care Focus Group: Expectations and continuity of ambulatory care APPE pharmacy rotations (University of Cincinnati College of Pharmacy)
- PGY1 Residency Committee member for St. Elizabeth Healthcare
- NCCN Management of the Older Cancer Patient Symposium participation
- Illinois Pharmacist Association member
- Regional Cincinnati anticoagulation group member
- American Pharmaceutical Association member (past)
- Cincinnati-area Oncology Pharmacists member (past)
- Registered Preceptor with the Kentucky Board of Pharmacy
- Kentucky Pharmacists Association member (past)
- President of Rho Chi Pharmaceutical Honor Society
- Alcoholic Awareness Chair of Kentucky Academy of Students of Pharmacy

- Golden Key National Honor Society
- Alumna and Pan Hellenic Delegate of Sigma Kappa social sorority

COMMUNITY ACTIVITIES

- Ebenezer Healthcare Health Education Commissioner and Board Member 2019-present
 - Co-chair of the Board 2021-2022
- St. Mary's Development health clinic coordinator and student preceptor 2019-present
- St. Vincent DePaul Charitable Pharmacy Clinical Pharmacist Volunteer 2019-present (including several pandemic vaccination clinics)
- Premier Health Pandemic Healthcare Worker Vaccination Volunteer 1/21/21 & 1/27/21
- Free Health Clinic "Drop Inn Shelter" Pharmacist Volunteer and Preceptor UC Colleges of Pharmacy and Medicine 2016-present
- American Heart Association Mini Marathon walker and fundraiser 2016
- Second degree black belt with Stillwater Tae Kwon Do
- Volunteer teacher for Tae Kwon Do
- Craft volunteer with Ronald McDonald House
- Muscular Dystrophy Association Volunteer and Fundraiser participant 2013
- PADI SCUBA Open Water certified
- New Hope walk fundraiser
- Greeter/newsletter distributor at church
- Volunteer at Mainstreet Care Mission in children's clothing area
- Active with widow and children's ministries at church 2002 to 2012
- Double Duty meal provider for Northern Kentucky Mother of Twins Club 2007 to 2010
- New Hope Volunteer 2004-2006
- Camp director and educator for Camp Wheeze-Be-Gone 2001-2005
- Race for the Cure April 2004, September 2011
- Clean Air A-Thon Participant June 2003
- 2001 Open Airways for Schools Program at Silver Grove Elementary School
- October 2000 Participant in Walk for Diabetes
- 1999 and 2000 Donor to the Breast Cancer Foundation
- 1999 to present Donor to the United Way
- October 1996, October 1998 Memory Walk for Alzheimer's Research
- February 1998 Participation in "Ask Your Pharmacist"
- Fall 1996 Volunteer at Tates Creek Health Care Center for Seniors

HONORS AND AWARDS

- University of Dayton School of Education & Health Sciences Teaching Award Recipient 2019-2020
- University of Dayton School of Education & Health Sciences Experiential Learning Fund Recipient 2020
- University of Dayton Experiential Learning Innovation Fund 2019
- ICARE award for commitment and service to St. Elizabeth Healthcare PGY1 residency
- "Black Belt of the year 2014" Stillwater Taekwondo
- Meijer "Pharmacist of the Year" Nominee 2000, 2002
- January 2000 and September 2001 Meijer Team Member of the Month
- August 1996-May 1999 Academic Excellence Scholarship
- December 1995-May 1999 Dean's List Recipient
- June 1997-May 1998 Merck Research Scholar
- April 1997 Excellence in Pharmacology Award
- April 1997 Gordon L. Curry Award in Chemistry

RESEARCH

- August 2020: “Short Assessment of Health Literacy in Dayton Immigrants”. Data gathering stage with Ebenezer Healthcare Access and Global Health Clinic of Wright State University.
- April 2020: “Interprofessional Healthcare Student Perceptions of Clinical Experience Effectiveness After Participation in Local Underserved Health Clinics”. Poster presentation. Co-authors: Tina Gortemiller, Meredith Wronowski, Amy Jennings and Jonathan Zemmer. University of Dayton SEHS Building a Research Community poster presentation.
- December 2018: “Active Learning and Interdisciplinary Clinical Pharmacy Students”. Poster presentation. Co-author with Ana Jenjibir, Pharm D. ASHP Midyear and University of Cincinnati College of Pharmacy April 2019.
- April 2016: “Thrombus Risk reduction in antiphospholipid syndrome patients monitored by factor II activity assay”. Poster presentation. Co-author with Michelle Sweet, PharmD. Great Lakes Pharmacy Residency Conference.
- April 2016: “Comparing Patients with Bleeding Events from Oral Anticoagulants Using the Charlson Comorbidity Index”. Collaboration with Bryan Hayslip, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2015: “NOAC Bleeding Events in the Presence of Renal Dysfunction”. Collaboration with Leslie Gathoff, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2015: “NOAC Dose Adjustments in the Presence of Drug Interactions”. Collaboration with Mike Robinson, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2014: “Extended INR Interval Monitoring on Warfarin Therapy”. Collaboration with Jennifer Bayorek, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2013: “Deaths, Non-compliance, and CHADS₂ scores in Warfarin Patients with a Bleed Event”. Collaboration with Meredyth Bond, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2013: “Evaluation of INR Testing at Extended Intervals in Patients on Warfarin”. Collaboration with Stephanie Mayhaus, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2013: “Warfarin (Coumadin®): The Effect of Patient Compliance and Education on Improving the Goal Ranges for International Normalized Ratios (INRs)”. Collaboration with Alex Li, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2013: A Community Hospital Review of Bleeding Adverse Events with Traditional Versus Novel Anticoagulants”. Collaboration with Christine Osterman, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2012: “A Novel Anticoagulant: Analysis of Patients Switched from Traditional VKA therapy to Dabigatran”. Collaboration with Jacquelyn Helmes, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2012: “Analysis of Warfarin Monitoring of Antiphospholipid Syndrome Patients at the Edgewood St. Elizabeth Anticoagulation Clinic”. Collaboration with Eric Hand, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2011: “Dronedarone (Multaq®) and Warfarin: are there significant changes seen in International Normalized Ratios (INRs)?” Collaboration with Lindsey Frilling, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2011: “Quality Improvement : Analysis Of Switching Patients From Warfarin To Dabigatran”. Collaboration with Justin Campbell, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2010: “Retrospective Evaluation of Physician Adherence to *Chest* Guidelines for the Use of Vitamin K in the Reversal of Supratherapeutic INRs in the Emergency Department of a Community Hospital”. Collaboration with Lauren Markan, PharmD candidate. University of Cincinnati College of Pharmacy.

- May 2010: “The Effect of Patient Counseling on Achieving Target INR”. Collaboration with Anne Kellogg, PharmD candidate. University of Cincinnati College of Pharmacy.
- May 2009: “Improving Quality of Care: Quality Analysis of the Workflow of an Anticoagulation Clinic”. Collaboration with EB Bennett, PharmD candidate University of Cincinnati College of Pharmacy
- October 1998 MUE: Granulocyte colony-stimulating factors
- August 1998 MUE: Anti-depressant use in long term care residents
- August 1998 MUE: Ace-inhibitor use in CHF
- August 1997-March 1998 Na⁺/K⁺ ATPase activity of rat striatal synaptosomes in the presence of methanethiosulfonate
- October 1996-August 1997 Dopamine uptake inhibition of rat striatal synaptosomes in the presence of methanethiosulfonate

January 1997-May 1997 Statistical analysis of pharmacy student evaluations of the Early Pharmacy

Prior work experience:

Home Infusion Pharmacist

Priority Healthcare

January 2005 to February 2006

- Subject Matter Expert (SME) in oncology for corporate-wide consultation
- Update drug fact sheets for oncology drugs
- Compose oncology competency test for other employees
- Home infusion pharmacist for pediatric/general oncology and infectious disease
- Manage patient care through side effect assessment and medication profile maintenance
- Provide drug information regarding IV/enteral treatment to nurses, physicians and patients

Clinical Pharmacist/Pharmacy Supervisor

Oncology-Hematology Care

September 2003 to January 2005

- Home infusion supervisor from 9/03-12/03 and as needed
- Chemotherapy suite clinical pharmacist 12/03 to 1/05
- Educate physicians, nurses and medical staff through newsletters, power point presentations, and personal communication
- Managed drug samples and interact with pharmaceutical sales representatives
- Involved in clinical trials for colon, breast, lung and ovarian cancer
- Supervise sterile compounding of cassette pumps, IV chemotherapy, antibiotics and anticoagulants
- Work well with nursing and other health care professional staff to coordinate outpatient and home care
- Maintain inventory needs

Relief Pharmacist

Meijer

January 2003 to 2007

- Fill in for vacations and needed shifts for evenings and weekends
- Fill retail prescriptions
- Communicate with local physician offices

- Manage pharmacy technicians in a busy pharmacy setting

Pharmacy Supervisor

Cincinnati Hematology-Oncology, Inc.

July 2003-September 2003

- Compounded sterile products for chemotherapy patients
- Maintained inventory of Pyxis machine
- Maintained and counseled on drug samples for patients
- Provided drug information to nurses and physicians

Consultant Pharmacist

Pharmco

January 2003-July 2003

- Performance of med pass review, med cart and med room inspection
- Chart review and of nursing home patients and recommendations regarding drug therapy to nursing staff and physicians
- Dispensing in a long term care pharmacy
- Providing in-services to nursing staff on pharmaceutical topics

Staff Pharmacist

Meijer Pharmacy

May 1999-January 2003

- Implemented and organized an asthma counseling clinic including peak flow meter training, inhaler technique review, disease state management counseling, and preparation of asthma care plans for patients
- Preceptor for pharmacy students
- Pharmacist-In-Charge from May through September 2000
- “Team Member of the Month” January 2000 and September 2001
- Meijer “Pharmacist of the Year Nominee” for 2000, 2002
- Participated in a counseling roll-out program and counseled on all new prescriptions and refills where appropriate
- Managed and trained technicians through an extensive technician training program
- Provided drug information to other practitioners and patients
- Initiated doctor detailing visits
- Participated in a diabetes clinic to train patients to self-manage their diabetes
- Audited and ordered schedule II controlled substances
- Facilitated and helped advertise for flu shot clinic
- Interviewed University of Kentucky pharmacy students for staff pharmacist positions with the company in October 2000
- Opened a new store and was involved in inventory control

Pharmacy Intern

February 1997-May 1999:

Kentucky Clinic Pharmacy

- Extensive patient counseling on new prescriptions
- Medication history maintenance

- Extemporaneous compounding
- Provision of drug information to clinic staff
- Communication of drug therapy issues to other health care professionals in the clinic

May 1996-June 1998:

College of Pharmacy Research Laboratory

- Completed independent experiments studying dopamine translocation in rat synaptosomes
- Analyzed mathematical and statistical results of experiments
- Structured and modified experimental protocols

March-October 1996:

University of Kentucky Hospital Pharmacy

- Intravenous admixture preparation
- Entered hospital orders into the computer system
- Delivered medications within the hospital
- Learned how to use Pyxis machines
- Extemporaneous compounding
- Communicated drug related problems with other health care professionals

May 1994-August 1994:

Freeport Memorial Hospital

- Filled prescriptions
- Restocked the pharmacy and monitored inventory
- Updated patient information into computer data base
- Answered telephone calls from other wards within the hospital

Pharmacy Practice Clerkships

April 1999:

Medicine Shoppe

Mike Montgomery, PharmD
Nicholasville

- Counseled new prescriptions and made OTC/herbal recommendations
- Conducted a CII inventory
- Updated pharmacy reference section
- Assisted pharmacy inspector during annual inspection

March 1999:

Clinical Pharmacokinetics

George Davis, PharmD
University of Kentucky, Lexington

- Consulted and wrote chart notes on pharmacokinetically monitored hospital drugs
- Presented and facilitated a group discussion on Lithium monitoring
- Attended seminars by pharmacy residents
- Updated filing system of pharmacokinetic recommendations

February 1999:

Meijer Pharmacy

Amy Jasperse, R.Ph.
Florence

- Counseled patients on new and refill prescriptions

- Recommended and answered questions about OTC products
- Initiated an asthma clinic focused on peak flow meter/inhaler counseling
- Presented herbal treatments for menopausal symptoms

January 1999:

Nutrition
Barbara Magnuson, PharmD
University of Kentucky, Lexington

- Participated in rounds with ICU team for nutrition support
- Presented drug related topics to nutrition team
- Consulted other wards in hospital for TPN, tube feeding and drug information

November 1998:

Mary Chiles Community Hospital
Cinda Manley, PharmD
Mount Sterling

- Presented antidepressant use in the elderly to nursing staff in a long term care facility
- Worked individually with a medical doctor in a community office
- Assessed emergency department patients with a medical doctor and nursing staff
- Wrote a nursing newsletter about community-acquired pneumonia

October 1998:

Ambulatory Care Medicine
Aimee Gelhot, PharmD
Kentucky Clinic, Lexington

- Researched and gathered medication histories
- Counseled patients about warfarin and other medications
- Enrolled patients into medication assistance programs
- Worked as a part of the internal medicine team in an outpatient clinic

September 1998:

Neuroscience Outpatient Clinic
Jimmi Hatton, PharmD
University of Kentucky, Lexington

- Gathered medication histories and documented counseling
- Communicated medication related problems to other health care professionals
- Wrote recommendations about drug therapy to patients and other health care professionals
- Researched patient questions and mailed patient education sheets about medications
- Monitored and made recommendations regarding pharmacokinetically monitored drugs

August 1998:

Long Term Care Pharmacy
Lewis Wilkerson, PharmD
D&R Pharmacare, Lexington

- Performed drug regimen review of long term care resident charts
- Made recommendations about drug therapy to doctors and other health care professionals
- Wrote a pharmacy newsletter to nurses regarding antidepressant use in elderly patients
- Presented a review of urinary incontinence to pharmacy staff

June 1998:

VA Warfarin Outpatient Clinic
Bruce McIntosh, PharmD

VA Medical Center, Lexington

- Counseled warfarin patients on diet, lifestyle, drug interactions and monitoring bleeding
- Monitored drug interactions and recommended dosage adjustments
- Wrote a pharmacy newsletter to other health care professionals
- Counseled in specialty pulmonary and infectious disease clinics

May 1998:

GI Medicine

Barbara Magnuson, PharmD
University of Kentucky, Lexington

- Attended rounds and made recommendations about drug therapy to the GI medicine team
- Wrote chart notes about pharmacokinetic drugs and patient counseling
- Presented pharmacy issues to the GI medicine team

PATIENT NEWSLETTERS

Christopher A. “Spring Reminders with Diet and Exercise Changes,” SEH Anticoag Clinic Newsletter February 2016

Christopher A. “Edoxaban and Pill Reminders,” SEH Anticoag Clinic Newsletter. September 2015

Christopher A. “Exercise and Nutritional Supplements,” SEH Anticoag Clinic Newsletter. March 2015

Christopher A. “Holiday Foods, Beverages and Your Warfarin,” SEH Anticoag Clinic Newsletter. February November 2014

Christopher A. “Comparison of Oral Anticoagulants and Planning Surgeries,” SEH Anticoag Clinic Newsletter. March 2014

Christopher A. “Intracerebral Hemorrhage and Blood Thinners,” SEH Anticoag Clinic Newsletter. October 2013

Christopher A. “Apixaban and Health Changes That Can Change Your INR,” SEH Anticoag Clinic Newsletter. April 2013

Christopher A. “Be Aware of Your Warfarin Pill Color and Clinic Appointments,” SEH Anticoag Clinic Newsletter. October 2012

Christopher A. “Rivaroxaban,” SEH Anticoag Clinic Newsletter. April 2012

Christopher A. “Factor II and Dabigatran,” SEH Anticoag Clinic Newsletter. February 2012

Christopher A. “Blood Clotting Disorders and Risks for DVT,” SEH Anticoag Clinic Newsletter. October 2010

Christopher A. “Stroke Symptoms and Risks for Stroke,” SEH Anticoag Clinic Newsletter. May 2010

Christopher A. “Stopping Warfarin for Procedures, Using Shots While off Warfarin, and Changes to Your Health/Exercise This Spring,” SEH Anticoag Clinic Newsletter. March 2010

Christopher A. "The Flu: Vaccine and OTC drugs," SEH Anticoag Clinic Newsletter. October 2009

Christopher A. "Picnic Foods, Surgery and Your Warfarin, Air Travel and Warfarin," SEH Anticoag Clinic Newsletter. July 2009

Christopher A. "Spring Allergy Medications, Heart Attack and Prevention of Heart Disease," SEH Anticoag Clinic Newsletter. March 2009

Christopher A. "Topical Medications, Outdoor Injuries, Nosebleeds and Keeping Your Hands Warm for Your Appointment," SEH Anticoag Clinic Newsletter. November 2008

Christopher A. "Anticoagulation Clinic Offers Patient Education," In Touch quarterly newsletter for St. Elizabeth Medical Center Physicians, Fall 2008

Christopher A. "DVT/PE Symptoms and Beverages that Effect Warfarin," SEH Anticoag Clinic Newsletter. August 2008

Christopher A. "Plavix/Aspirin Therapy with Warfarin, Exercise and High Protein Diets," SEH Anticoag Clinic Newsletter. May 2008

Christopher A. "Vitamin K, Smoking, OTCs and Your Warfarin," SEH Anticoag Clinic Newsletter. March 2008

Christopher A. "Stroke Newsletter," SEH Anticoag Clinic Newsletter. February 2007

Christopher A. "Should You Eat That Food When You're Taking That Medicine?," Healthy Neighbors newsletter, Spring 2007

Christopher A. "Battling with Depression." Heart Lines newsletter, Winter 2003

Moore A. "Anthrax and Bioterrorism." Heart Lines newsletter, Fall 2001

Moore A. "Menopause treatments." Heart Lines newsletter edition, Fall 2001

Moore A. "Menopause." Heart Lines newsletter edition, June 2001

Moore A. "Osteoporosis." Heart Lines newsletter edition, March 2001

EDUCATION

August 1995-May 1999:

Doctor of Pharmacy
University of Kentucky
College of Pharmacy
Lexington, Kentucky
GPA 3.95

August 1993-May 1995:

Pre-pharmacy
University of Kentucky
College of Pharmacy
Lexington, Kentucky
GPA 3.96

REFERENCES

Katie Owens, PharmD, kowens@svdpcincinnati.org 330-806-9244

Dr. Michael Hegener BCACP, hegenema@ucmail.uc.edu 513-558-7806

Sue Wulff, PA-C, swulff1@udayton.edu 937-620-3626