

CURRICULUM VITAE

MICHAEL C. SCHROEDER, PHARM.D.

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PROFESSIONAL EXPERIENCE

Sr. Pharmacy Informatics Specialist Thomas Jefferson University Hospital, Philadelphia, PA	<i>2013 – Present</i>
Staff Inpatient Pharmacist Oregon Health & Science University, Portland, OR	<i>2012 - 2013</i>
Clinical Pharmacist Sentara Healthcare, Hampton Roads, VA	<i>2011 - 2012</i>

POST-GRADUATE RESIDENCY

Pharmacy Informatics Specialty Residency (PGY-2) Oregon Health & Science University, Portland, OR <i>Program Director: Neil Edillo, Pharm.D., BCPS, CPHIMS</i>	<i>2012 - 2013</i>
Pharmacy Practice Residency (PGY-1) Sentara Healthcare, Hampton Roads, VA <i>Program Director: Neil A. Davis, Pharm.D.</i>	<i>2011 - 2012</i>

PROFESSIONAL EDUCATION

Philadelphia College of Pharmacy Doctor of Pharmacy University of the Sciences in Philadelphia, Philadelphia, PA	<i>2005 - 2011</i>
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CERTIFICATES & LICENSES

Registered Pharmacist State of Pennsylvania License # RP448221 State of Oregon License # 0013351 State of Virginia License # 0202211014	<i>2012 - present</i>
Certified Lean Leader Thomas Jefferson University	<i>2014</i>
Epic Systems Epic Willow Proficient, Version 2010, 2012	<i>2012 - present</i>
American Heart Association Advanced Cardiovascular Life Support Basic Life Support	<i>2010</i>

PGY-2 RESIDENCY ROTATIONS

Longitudinal: Informatics Practice	<i>February 2013 - present</i>
Longitudinal: Informatics On-Call	<i>February 2013 - present</i>
Informatics Healthcare Software <i>Preceptor: John Chang, Pharm.D.</i>	<i>January 2013</i>
Informatics Pharmacy Automation <i>Preceptor: Seth Hartman, Pharm.D.</i>	<i>December 2012</i>
Informatics Administration <i>Preceptor: Neil Edillo, Pharm.D., BCPS, CPHIMS</i>	<i>November 2011</i>
Drug Information & Drug Policy <i>Preceptor: Rebecca Britton, Pharm.D., BCPS</i>	<i>November 2012</i>
Informatics Principles <i>Preceptor: Seth Hartman, Pharm.D.</i>	<i>September 2012</i>
Pharmacy Informatics Boot Camp <i>Preceptor: John Chang, Pharm.D</i>	<i>August 2012</i>

PGY-1 RESIDENCY ROTATIONS

Internal Medicine 5/28/12 - 6/22/12

Sentara Norfolk General Hospital, Norfolk, VA
Preceptor: Tyler Martinson, Pharm.D., BCPS

Trauma / Emergency Medicine 4/23/12 - 5/25/12

Sentara Norfolk General Hospital, Norfolk, VA
Preceptor: Rali Amin, Pharm.D.

Critical Care 3/19/12 to 4/20/12

Sentara Norfolk General Hospital, Norfolk, VA
Preceptor: Racquel Rivera, Pharm.D., BCPS

Medication Safety 2/13/12 to 3/16/12

Sentara Norfolk General Hospital, Norfolk, VA
Preceptor: Rhonda Liberto, Pharm.D.

Infectious Disease 1/9/12 to 2/10/12

Sentara Norfolk General Hospital, Norfolk, VA
Preceptor: Esther Hillberger, Pharm.D.

Emergency Medicine 11/7/11 to 12/9/11

Sentara Virginia Beach General Hospital, Virginia Beach, VA
Preceptor: Megan Davis, Pharm.D., BCPS

Pharmacy Informatics 10/3/11 to 11/4/11

Sentara Healthcare, Norfolk, VA
Preceptor: Raymond Chan, Pharm.D

Internal Medicine 8/29/11 to 9/30/11

Sentara Norfolk General Hospital, Norfolk, VA
Preceptor: Tyler Martinson, Pharm.D., BCPS

Nutrition 7/25/11 to 8/26/11

Sentara Leigh Hospital, Norfolk, VA
Preceptor: William Peard, R.Ph, BCNSP
Preceptor: Peter Lebel, Pharm.D., BCNSP

Orientation 6/27/11 to 7/22/11

Sentara Healthcare, Hampton Roads, VA
Program Director: Neil A. Davis, Pharm.D.

ADVANCED PHARMACY PRACTICE ROTATIONS

Medical Communications *March 2011*

Vox Medica – Philadelphia, PA
Preceptor: Christine O'Leary, Pharm.D.

Hospital Drug Information *February 2011*

Thomas Jefferson University Hospital – Philadelphia, PA
Preceptor: Cindy Wordell, Pharm.D.

Ambulatory Care *January 2011*

VAMC NJ Health Care System - East Orange, NJ
Preceptor: Ann Verghese, Pharm.D.

Critical Care *November 2010*

Mercy Fitzgerald Hospital - Philadelphia, PA
Preceptor: Lindsay Curtin, Pharm.D., BCPS

Hospital Pharmacy Practice *October 2010*

Mercy Philadelphia Hospital - Philadelphia, PA
Preceptor: Joy Cho, R.Ph

Industry *September 2010*

Sanofi-aventis - Bridgewater, NJ
Preceptor: Joyce Fairclough, Pharm.D.

General Medicine *August 2010*

Mercy Fitzgerald Hospital - Philadelphia, PA
Preceptor: Anna Jung, Pharm.D.

Community Pharmacy *July 2010*

ACME Pharmacy - King of Prussia, PA
Preceptor: Karen Ruthkosky, Pharm.D.

POSTER & PLATFORM PRESENTATIONS

“Implementation of a Medication Reconciliation Preference List.” *December 2012*

Sara McFarland, Pharm.D., Michael Schroeder Pharm.D., Raneë Runnebaum Pharm.D., Allie Woods, Pharm.D.

Poster presentation. UHC Annual Conference, Las Vegas, NV

“Impact of clinical decision support alerts on dabigatran utilization.” *May 2011*

Michael Schroeder, Raquel Rivera, Pharm.D., BCPS, Timmi Rathappillil, Pharm.D., BCPS

Platform presentation. Eastern States Pharmacy Residency Conference. Hershey, PA

“Impact of clinical decision support alerts on dabigatran utilization.”

December 2011

Poster presentation. ASHP Midyear Clinical Meetings, New Orleans, LA

TEACHING & CONTINUING EDUCATION

Computerized Prescriber Order Entry to Facilitate Formulary Management and Compliance

November 2014

Guest Lecture - Drug Information Class
Thomas Jefferson University, Philadelphia, PA

mHealth

September 2014

Guest Lecture - Drug Information Class
Thomas Jefferson University, Philadelphia, PA

“Pharmacy Informatics”

September 2013

Guest Lecture - Drug Information Class
Thomas Jefferson University, Philadelphia, PA

“Pharmacy Informatics”

March 2013

Lecture presented to Pharmacy Residents
Peacehealth Southwest Medical Center, Vancouver, WA.

“Clinical Decision Support & Alert Fatigue”

January 2013

Oregon Board of Pharmacy approved CE Program
Oregon Health & Science University, Portland, OR

“Pharmacy Informatics Models and The Medication Use Cycle”

November 2012

Lecture presented to P3 Students
Oregon State University

“New and Emerging Anti-coagulant Agents for Atrial Fibrillation”

February 2012

Virginia Board of Pharmacy approved CE Program
Sentara Norfolk General Hospital, Norfolk, VA

PRESENTATIONS

2013

“Pharmacy Automation.” Oregon Health & Sciences University. Portland, OR. January 2013.

“EMR, EHR, PHR, CPOE, CDSS, eMAR.” Oregon Health & Sciences University. Portland, OR. January 2013.

2012

“Human Factors Engineering.” Oregon Health & Science University. Portland, OR. November 2012.

“Medication Use Cycle.” Oregon Health & Sciences University. Portland, OR. November 2012.

“Data, Knowledge, Information and Models.” Oregon Health & Science University. Portland, OR. November 2012.

“Project Management.” Oregon Health & Science University. Portland, OR. October 2012.

Lubipristone (Amitiza) [Drug Monograph]. Oregon Health & Science University. Portland, OR. October 2012.

“Intranasal Midazolam for Pediatrics.” Oregon Health & Science University. Portland, OR. September 2012.

“HIT Standards Committees and Organization.” Oregon Health & Science University. Portland, OR. August 2012.

“Internet Standards and Architectures.” Oregon Health & Science University. Portland, OR. August 2012.

“Ketamine. Can we teach an old drug new tricks?” Sentara Healthcare. Norfolk, VA. May 2012.

“Massive Pulmonary Embolism.” Sentara Healthcare. Norfolk, VA. April 2012.

Apixaban (Eliquis) [Drug Monograph] Sentara Healthcare. Norfolk, VA. April 2012.

“New and Emerging Anti-coagulant Agents.” Sentara Healthcare. Norfolk, VA. February 2012.

“CMV Colitis.” Sentara Healthcare. Norfolk, VA. January 2012.

2011

“Pheochromocytoma.” Sentara Healthcare. Norfolk, VA. October 2011.

“Cerebral Salt Wasting Syndrome vs. SIADH.” Sentara Healthcare. Norfolk, VA. September 2011.

“Identifying and Understanding Health Disparities.” Vox Medica. April 2011.

Lurasidone (Latuda) [Drug Monograph]. Jefferson University Hospital. March 2011.

“Drug Shortages - Implications in Patient Safety.” VAMC NJ Health Care System, East Orange, NJ. February 2011.

2010

“Drug Utilization Evaluation of Carbapenem Usage.” Mercy Fitzgerald Hospital. Philadelphia, PA. December 2010.

“Pharmacy Workflow and Medication Reconciliation.” Mercy Fitzgerald Hospital. Philadelphia, PA. October 2010.

“Reducing Hospital Readmissions.” Philadelphia College of Pharmacy. Philadelphia, PA. October 2010.

“Continuous Glucose Monitoring.” Sanofi-aventis. Philadelphia, PA. September 2010.

“Management of Elevated INR in Coumadin Patients. Mercy Fitzgerald Hospital.” Philadelphia, PA. September 2010.

PROFESSIONAL ORGANIZATIONS

University Hospital Consortium (UHC) Medication Use Informatics & Technology Committee	<i>2012 - present</i>
American Society of Health-System Pharmacists (ASHP) Section Advisory Group on Information Systems Clinical Decision Support Workgroup	<i>2012 - present</i>
Section Advisory Group on Pharmacy Informatics Education PGY 1 / PGY 2 Residency Workgroup Leader	<i>2010 - 2011</i>
Healthcare Information and Management Systems Society (HIMSS)	<i>2012 - 2013</i>
Oregon Society of Health-System Pharmacists (OSHP) Organizational Affairs Council	<i>2012 - 2013</i>

AWARDS & HONORS

Jefferson Team Player Award	<i>2014</i>
Monetate Open Source Prize Awarded for outstanding Open Source projects in Philadelphia	<i>2011</i>

TECHNICAL SKILLS

- Microsoft Office Products (Excel, Word, PowerPoint, Visio)
- Content management systems (Microsoft SharePoint)
- Electronic Medical Records administration (Epic, GE Centricity, Varian Aria Oncology)
- Automated Dispensing Cabinets (Pyxis, Omnicell)
- Pharmacy Inventory (Talyst, Omnicell WorkflowRx)
- Database applications (SQL, Access)
- Data reporting tools (Crystal Reports, Access)
- Computer programming (JavaScript, C, PHP)
- Mobile application development (Apple iOS, Android)
- Web design, desktop publishing

ONGOING PROJECTS

RxShortages

iOS / Android application to provide health care workers with updated information about drug shortages. Featured as Apple's "New & Noteworthy" Medical Application. Winner of the Monetate Prize for Open Source projects in Philadelphia. <http://mickschroeder.com/rxshortages/>

Medical Spelling Dictionary

Custom made spelling dictionary for MS Office containing over 60,000 medical terms. <http://mickschroeder.com/2011/02/medical-spelling-dictionary/>

Hospital / Pharmacy Locator

Web application "mash-up" combining Google Maps with publicly available CMS data of hospital and pharmacy locations and outcome measures. <http://mickschroeder.com/pharmacy/locator/>

Medical & Scientific Citation Generator

Automatically generates fully formatted AMA style citations based on a multitude of different inputs including Pubmed ID, DOI number, article URL, etc. <http://mickschroeder.com/citation/>

Top 200 NAPLEX Flash Cards

iOS / Android application designed to help pharmacy students prepare for the NAPLEX exam. <http://mickschroeder.com/naplex-flashcard/>