

# Matthew Hctor, PharmD

PUBLIC HEALTH PHARMACIST

Portland, OR

☎ 518.708.9638 | ✉ matthew.hctor@mail.mcgill.ca | 📱 matthew-hctor | 🌐 matthew-hctor

## Education

### Oregon Health & Science University-Portland State University School of Public Health

Portland, Oregon

MASTER OF PUBLIC HEALTH IN EPIDEMIOLOGY

2020 - Present

### Temple University School of Pharmacy

Philadelphia, Pennsylvania

DOCTOR OF PHARMACY

2011 - 2016

- Drug Safety Certificate

### University at Albany, State University of New York

Albany, New York

GRADUATE COURSE WORK IN BIOCHEMISTRY

2010 - 2011

- Degree not awarded

### McGill University

Montréal, Québec

BACHELOR OF SCIENCE IN CHEMISTRY

2003 - 2008

- Minor in Mathematics

## Licensure

### New York State Board of Pharmacy

New York

PHARMACIST LICENSE, 063843

2018 - Present

- Immunization privilege

### Oregon State Board of Pharmacy

Oregon

PHARMACIST LICENSE, RPH-0016287

2017 - Present

- Immunization privilege
- Prescriptive authority per protocol compendium

## Selected Certifications

UNIVERSITY OF WASHINGTON

2023

- National HIV Curriculum, 2nd Edition
- National Hepatitis C Curriculum, 3rd Edition
- National Hepatitis B Curriculum, 2nd Edition

POSTGRADUATE HEALTHCARE EDUCATION

2023

- Medication Therapy Management, National Certificate Training Program

HSI

2023

- CPR, AED, and First Aid

NEW YORK STATE DEPARTMENT OF HEALTH AIDS INSTITUTE – CLINICAL EDUCATION INITIATIVE

2023

- HIV Testing and Acute HIV Infection
- Clinical Best Practices for HIV Prevention: PEP & PrEP
- Harm Reduction
- The Trans Health Series: Building Blocks for Trans and Gender Diverse Care
- Providing Inclusive & Affirming Care to LGBTQ Patients
- Optimizing Antiretroviral Therapy to Maintain Viral Suppression
- Pregnancy, Parenting and Substance Use Disorder
- Stimulants
- Mastering Syphilis

COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE (CITI PROGRAM)

2022

- Human Subjects Research
- Responsible Conduct of Research

OREGON STATE UNIVERSITY

2022

- Comprehensive Pharmacist Patient Assessment, Prescribing, and Billing for Oregon's Tobacco Cessation Implementation
- Oregon Comprehensive Contraceptive Education and Certification for the Prescribing Pharmacist

**UNIVERSITY OF ARIZONA HEALTHCARE PARTNERSHIP**

2019

- Treatment Specialist Certification for Nicotine Dependence

**CORNELL UNIVERSITY**

2018

- Plant-Based Nutrition Certificate

**USP EDUCATION**

2018

- USP General Chapter 800 Hazardous Drugs—Handling in Healthcare Settings

**AMERICAN PHARMACIST'S ASSOCIATION**

2015

- Pharmacy-Based Immunization Delivery

## Experience

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**My MTM Care**

25 hours/week

**PHARMACIST**

Mar 2022 – Sept 2022

- Medication Therapy Management (MTM) for remote patients

**Hopi Healthcare Center**

42.5 hours/week

**PHARMACIST**

Sept 2018 - Jul 2019

- Dispensed medications and counseled patients
- Processed medication orders and verified filled orders
- Responded to drug information inquiries using databases and various primary and secondary literature
- Identified drug-related problems using information from the patient and/or Resource and Patient Management System (RPMS) and recommended solutions to the patient and/or provider
- Provided pharmacy services to the inpatient department including daily rounding, medication discharge counseling, and medication reconciliation at admissions and discharge

**cGMP Services, Temple University School of Pharmacy**

4 hours/week

**cGMP MANUFACTURING TECHNICIAN**

Apr 2012 - Jan 2014

- Manufactured, stored, packaged, and randomized placebo and active material for clinical trial use
- cGMP standards
- Aided in development of SOPs and training of new employees
- Coordinated manufacturing and packaging activities among technicians

**University at Albany, State University of New York**

2 hours/week

**SCIENCE & MATH TUTOR**

Nov 2010 - Aug 2011

- Tutored learning-disabled and abled undergraduate and graduate students in subjects including Organic Chemistry, General Chemistry, Environmental Chemistry, and Calculus

**Chemical Development, AMRI**

45 hours/week

**RESEARCH SCIENTIST I**

Jun 2008-May 2010

- Designed chemical experiments, interpreted resultant spectra and chromatographs, and formulated new reaction conditions and synthetic routes to improve and scale-up API synthesis
- Documented API production for use in pre-clinical animal studies, according to GLP standards
- Synthesized hazardous chemotherapeutic APIs on mg to kg scales
- Developed a novel kg-scale synthesis of 3-aminonaphthlene-1-ol, a chemotherapeutic precursor; researched a novel ambroxide synthesis

# Pharmacy Practice Experience

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## Philadelphia Poison Control Center

45 hours/week

PHARMACIST INTERN

Mar 28, 2016 - May 05, 2016

- Initiated and contributed to “Unique N-Acetylcysteine (NAC) Considerations Dosing Guideline”, an internal guidance on the use of NAC in acetaminophen overdose
- Followed up on poisoned patients by calling caregivers to request appropriate lab tests, signs, and symptoms; and to provide appropriate information, as per the POISINDEX, and other toxicology references
- Presented patient cases for discussion in weekly meetings
- Reviewed and presented toxicology topics for discussion in weekly meetings; topics included overdose of acetaminophen, salicylates, opiates and other drugs of abuse, cardiovascular drugs, psychiatric drugs, heavy metals, and toxic plants and fungi
- Attended and participated in lectures on topics including management of opioid overdose, toxicokinetics, geographic information systems; and attended a toxicology case conference

## Ketchikan Indian Community Tribal Health Clinic

45 hours/week

PHARMACIST INTERN

Feb 16, 2016 - Mar 23, 2016

- Assessed new prescriptions and refill requests for drug related problems
- Documented actions taken in the Resource and Patient Management System
- Counseled patients on new medications, medication changes, and smoking cessation
- Monitored warfarin therapy at the pharmacy-run anticoagulation clinic using point-of-care INR monitoring, and modified therapy appropriately
- Counseled patients on smoking cessation, and initiated appropriate pharmacotherapy after appropriate screening as part of the pharmacy-run smoking cessation clinic
- Answered drug information questions from clinicians and patients by consulting Micromedex and other drug databases, and searching the primary literature

## Cancer Treatment Centers of America

42 hours/week

PHARMACIST INTERN

Jan 04, 2016 - Feb 11, 2016

- Reviewed patient records in Epic EHR, and proposed and discussed medication changes during regular interdisciplinary rounds
- Reviewed, presented, and discussed relevant literature and interesting patient cases in journal club discussions
- Assisted inspection of nursing unit pharmacy satellites
- Compounded sterile preparations including syringes, large volume parenterals, and IV piggy-bags

## Temple University Hospital – Respiratory ICU

50 hours/week

PHARMACIST INTERN

Nov 02, 2015 - Dec 10, 2015

- Rounded daily with the interprofessional MICU team
- Assessed patients for drug-related problems including inappropriate or sub-optimal therapy, and lack of indicated therapy
- Communicated drug therapy recommendations to the MICU team, verbally and in writing
- Provided drug information and pharmacokinetic calculation services
- Participated in weekly journal club and patient case discussions

## Pennsylvania Hospital – Outpatient Pharmacy

42 hours/week

PHARMACIST INTERN

Sept 21, 2015 -

- Aided patient decision making with regards to OTC self-medication or referral to a physician
- Counseled patients on new medications and medication changes upon discharge from the hospital
- Screened incoming prescriptions for errors and omissions, and dispensed medications
- Compounded non-sterile products including solutions, creams, and ointments
- Stocked and operated the robotic prescription filling system

## Temple University Hospital-Investigational Drug Service

45 hours/week

PHARMACIST INTERN

Aug 11, 2015 - Sept 17, 2015

- Reviewed study protocols and attended relevant Institutional Review Board meetings
- Developed a pharmacy procedure for investigational drug labeling
- Compounded and dispensed investigational drugs
- Prepared a pharmacy budget proposal for a new investigational drug protocol
- Discussed topics in clinical research ethics at daily meetings; topics included the Tuskegee study, the Nuremberg Code, the Declaration of Helsinki, the Belmont Report, Acres of Skin, The Immortal Life of Henrietta Lacks, and many others

## Temple University Hospital – Inpatient Pharmacy

3 hours/week

PHARMACIST INTERN

Jan 26, 2015 - Apr 27, 2015

- Counseled patients on smoking cessation including cessation benefits, state cessation programs and quitline, NRT and other available pharmacotherapy, drug-tobacco interactions, and other smoking-related topics
- Counseled patients on warfarin therapy initiation or change including the patient's indication for anticoagulation, target INR, the importance of monitoring and frequency of monitoring, dietary considerations, interactions with herbs and supplements, and other anticoagulation-related topics

## Volunteer Experience

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### Medical Reserve Corps

2.5 hours/week

PHARMACIST

2020 – Present

- Rensselaer County COVID-19 info line phone bank volunteer
- Delaware Medical Reserve Corps volunteer immunizer

### Bikeatoga

6 hours/week

GRANT COORDINATOR & MECHANIC

2016 – 2020

- Applied for and won a \$6,100 grant from the Capital District Transportation Committee to fund bike safety courses, purchase and install a bicycle repair stand at the local library, and purchase and distribute bike safety items (including helmets, lights, bells) at our regular events and workshops
- Worked with under-served populations at regular bike-repair workshops and popup events

### Double H Ranch

4 hours/week

PHARMACIST

Jun to Aug 2014 – 2019

- Performed pre-camp medication reconciliation for pediatric campers with chronic illnesses including HIV, hemophilia, sickle-cell disease, and other conditions
- Responded to drug information inquiries, and consulted the literature if necessary
- Identified drug-related problems, and proposed reasonable context-sensitive solutions
- Documented controlled substance inventory
- Initiated and contributed to USP <800> compliance process

### Wikipedia

1 hours/week

EDITOR

2012 – Present

- Wikiproject pharmacology editor

## Professional Organizations

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### Pennsylvania Pharmacists Association (PPA)

Temple University

CHAPTER CO-CHAIR

2011 – 2015

- Co-chair for Temple University School of Pharmacy's PPA chapter (2012-2014)
- Increased student participation in PPA's pharmacy legislative day and legislative issues in pharmacy by coordinating with APhA's Student Policy Action Network to hold Pizza student understanding of current and Policy discussion events
- Organized a Philadelphia-area pharmacy policy discussion involving PPA & APhA chapters of Temple University School of Pharmacy, Jefferson University, and Philadelphia College of Pharmacy

### American Pharmacists Association (APhA)

Temple University

ACTIVE MEMBER

2011 – 2015

- Authored a policy resolution on legislation for safe pharmacy compounding for Temple University School of Pharmacy's chapter, and advocated for this resolution at the 2012 APhA regional mid-year meeting

## Honors

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### Pharmacy Leadership Society

Temple University

PHI LAMBDA SIGMA

2013

- Inducted for coordinating pharmacy student advocacy efforts to legalize pharmacist immunization in Pennsylvania

## Selected Presentations

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- *Candida auris - A Proposal to Reduce Transmission & Selection of Resistant Strains*, Class Presentation, Current Issues in Public Health, **OHSU-PSU School of Public Health**, Mar 2022
- *Long-Term Effects of Budesonide or Nedocromil in Children with Asthma*, Class Presentation, Applied Longitudinal Data Analysis, **OHSU-PSU School of Public Health**, Dec 2021
- *Reducing Harms of Smoking in People Living With HIV*, Class Presentation, HIV/AIDS Epidemiology, **OHSU-PSU School of Public Health**, Dec 2021
- *Cannabis Use and High Blood Pressure*, Class Presentation, Epidemiologic Data Analysis & Interpretation, **OHSU-PSU School of Public Health**, Aug 2021
- *Atypical Antipsychotics*, Inservice Presentation, Pharmacy & Therapeutics Committee, **Ketchikan Indian Community Tribal Health Clinic**, Mar 2016
- *Patient Case: Febrile Neutropenia*, Inservice Presentation, Clinical Pharmacy Staff Meeting, **Cancer Treatment Centers of America**, Jan 2016
- *The Role of Theophylline in COPD Maintenance Therapy*, Inservice Presentation, **Temple University Hospital - Respiratory Intensive Care Unit**, Nov 2015
- *Cisplatin Overdose Root Cause Analysis*, Class Presentation, Medication Error Surveillance and Control Planning, **Temple University School of Pharmacy**, Apr 2015
- *Case Report: Brazil Nut Induced Type 1 Anaphylaxis*, Class Presentation, Adverse Drug Reactions II: Case Studies, **Temple University School of Pharmacy**, Apr 2015
- *Accumulating Advantage*, Class Presentation, Outcomes of Diversity in the Pharmacy Practice, **Temple University School of Pharmacy**, Nov 2014
- *Potential Public Health Benefits of Pharmacist Immunization in Pennsylvania*, Poster Presentation to Lawmakers and Public, **Pennsylvania Pharmacists Association**, Apr 2013
- *Folate in Biochemical & Synthetic Catalytic Systems*, Class Presentation, Heterocyclic Organic Chemistry, **University at Albany**, Dec 2010
- *Dichloro Methane - Reducing Lifecycle Impacts*, Class Presentation, Green Chemistry, **McGill University**, Mar 2008
- *Process Development of 3-aminonaph-1-ol*, Poster Presentation **Albany Molecular Research International**, Aug 2007