

Griffin R. Calme

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Education

Doctor of Pharmacy Candidate – Research Scholars Conc. Class of 2020
Wayne State University – Detroit, MI
Eugene Applebaum College of Pharmacy and Health Sciences

Bachelor of Health Science August 2017
Wayne State University – Detroit, MI
Pharmacy and Health Sciences & Irvin D. Reid Honors College

Professional Experience

Pharmacy Intern (Inpatient) May 2017 – Present
Beaumont Health – Royal Oak, MI
3601 W 13 Mile Rd, Royal Oak, MI 48073
Supervisor–Anthony Ibrahim, PharmD

Performed sterile and non-sterile compounding, unit-dose preparation, medication reconciliation, and medication distribution. Participated in a pharmacy resident research project.

Advanced Experiential Education

Longitudinal Advanced Pharmacy Practice Experience 2019 – 2020
William Beaumont Hospital – Royal Oak
3601 W 13 Mile Rd, Royal Oak, MI 48073
Program Coordinator – Maureen Smythe, PharmD, FCCP

Longitudinal components performed: Anticoagulant Teaching Service (ATS), Pharmacy Dosing Service, Rotating Chief LAPP, MUE project (*Guideline Adherence for the Treatment of Skin and Soft Tissue Infections at Beaumont Hospitals*), Medication Reconciliation days, and Operational days.

Hospital/Health-System Pharmacy 5/13/19 – 6/21/19
Preceptor – Maureen Smythe, PharmD, FCCP

Experiences performed: OR Pharmacy, Pediatric Pharmacy, Emergency Center Pharmacy, Unit-Based Services (UBS), Pharmacy Dosing Services, formulary drug review, and Antimicrobial Stewardship involving restricted drug audits and review of daily blood culture report.

Emergency Medicine

Preceptor – Sheena Merwine, PharmD, BCPS

6/24/19 – 8/2/19

Experiences performed: Emergency code response, ACLS/CPR training for pharmacists, clinical experiences in the Trauma/Cat. 1 area, sterile compounding, pharmacy operations, and medication reconciliation. Led topic discussions on *Rapid-Sequence Intubation* and *Emergency Pharmacist's Role in Trauma*.

Internal Medicine/Ambulatory Care

Preceptors – Claudia Hanni, PharmD, BCPS; Valentina Schoneck, NP

8/5/19 – 9/13/19

Experiences performed: Internal medicine rounds, medication history, discharge medication counseling, ambulatory CHF medication counseling. Led topic discussions on *Tranexamic Acid for GI bleeds*, *Antiemetics*, and *Therapy of COPD* with pharmacy residents and internal medicine residents.

Cardiac Intensive Care (CICU)

Preceptor – Jenna Holzhausen, PharmD, BCPS

9/16/19 – Present

Experiences performed: CICU rounds, pharmacy dosing consults including vancomycin, aminoglycosides, warfarin, and argatroban. Point-of-care drug information, medication reconciliation and patient education. Led topic discussions on *Vasopressors & Inotropes* and *Acute Coronary Syndromes*.

Introductory Experiential Education

Hospital Introductory Practice Experience

Ascension Providence Rochester

1101 W University Dr, Rochester, MI 48307

Preceptor – Lindsay Schwalbach, PharmD

Jan. – Apr. 2019

Provided pharmaceutical care in the hospital setting. Assisted with order verification, pharmacy dosing consults, Senti7 interventions, medication packaging, and compounding. Designed patient care plans. Provided patient consultation, drug information, and in-service education.

Community Introductory Practice Experience

Walgreens – Clinton Twp

16741 Canal Rd, Clinton Township, MI 48038

Preceptor – Peggy Rozanski, RPh

Sep. – Dec. 2018

Provided pharmaceutical care in the community setting, performed MTMs, immunizations, medication counseling, and filled prescriptions.

Early Introductory Pharmacy Practice Experience

Gary Burnstein Community Health Clinic – Pontiac, MI
45580 Woodward Ave, Pontiac, MI 48341
Preceptor – Justin Brox, MD

May 2017 – 2018

Practiced patient consultation, administered immunizations, and provided pharmacy services for the uninsured population.

Posters

Evaluation of Adherence to Skin and Soft Tissue Treatment Guidelines: A Survey of Current Prescribing Practices

Griffin Calme; Andrew Torey PharmD; Lee Amaya PharmD; Christine Yost PharmD, BCIDP
ASHP Midyear

December 2019

A Measurable Immune Response in the Tumors and Lymph Nodes of Patients with Lymph Node Positive and Lymph Node Negative Breast Cancer

Archana Thakur PhD; Dana Schalk; Tayson Lin; Johnson Ung; Griffin Calme; Lawrence G. Lum MD, PhD; Lydia Choi PhD
The Society for Immunotherapy of Cancer 33rd Annual Meeting

November 2018

Recombinant Attenuated Salmonella as an Insulin Gene Delivery Vector

Griffin Calme; Michael Caruso PhD; Qingke Kong PhD; Zhengping Yi PhD; and Xiangmin Zhang PhD
Michigan Diabetes Research Center Annual Diabetes Symposium

March 2017

Papers, Projects, and Proposals

Formulary Review: Cannabidiol (Epidiolex)

Presented to Beaumont Health P&T Children's Subcommittee

July 2019

Global Kinome Profiling Reveals Abnormal Active Kinases in Human Skeletal Muscle from Obese Insulin Resistant Participants

Yue Qi PhD; Berhane Seyoum MD; Zaher Msallaty MD; Abdullah Mallisho MD; Michael Caruso PhD; Divyasri Damacharla MS; Danjun Ma PhD; Wissam Al-janabi PhD; Rebecca Tagett PhD; Majed Alharbi; Griffin Calme, Sorin Draghici PhD, Abdul Abou-Samra MD, Anjaneyulu Kowluru PhD; Xiangmin Zhang PhD; Zhengping Yi PhD
Manuscript Under Review

Impact of a Pharmacy-Directed Intervention for the Use of Combination Vancomycin and Beta-Lactams for *Staphylococcus aureus* Bacteremia

Griffin Calme; Wasym Mando; Jessica Dare-Shih
Proposal achieved 4th place in ACCP Clinical Research Challenge

April 2018

Commented [GC1]: Add Naloxone at Discharge Project

Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms

Griffin Calme

Manuscript accepted by the Undergraduate Research Program

August 2016

Presentations

Pharmacist's Guide to Caring for Transgender Individuals

Noon Conference

William Beaumont Hospital – Royal Oak

Sept 2019

Antibiotic Prophylaxis in Trauma

Noon Conference

William Beaumont Hospital – Royal Oak

July 2019

Four Heart Failure Recommendations Every Pharmacist Should Know

Noon Conference

William Beaumont Hospital – Royal Oak

June 2019

Evaluating Literature for “Pharmacotherapy Problem Solving” (PPS)

Eugene Applebaum College of Pharmacy and Health Sciences

ACCP-SCCP sponsored review session for P1 class that covered drug literature evaluation techniques

April 2018 &
February 2019

P2 Year Success and The Learning Community

Eugene Applebaum College of Pharmacy and Health Sciences

September 2018

Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms

WSU Undergraduate Research Conference

November 2016

Art & Architecture at the Detroit Public Library: The Bronze Doors

WSU Undergraduate Research Conference

November 2015

Additional Research Experience

Burghardt Pharmacogenomics Lab

WSU Integrative Biosciences Center & Eugene Applebaum College of Pharmacy and Health Sciences

Kyle Burghardt, PharmD

2017 – Present

Research Scholars Student

Utilized data science techniques, developed and used software to study the relationship of antipsychotics and the metabolome.

Yi Diabetes Proteomics Lab

WSU Integrative Biosciences Center & Eugene Applebaum College of Pharmacy and Health Sciences

Zhengping Yi, PhD; Michael Caruso, PhD; Xiangmin Zhang, PhD

2016 – Present

Performed cell culture, molecular cloning & recombinant DNA techniques, and proteomics sample preparation. Analyzed proteomics data, developed software for automation of data analysis, carried out participant visits, sample and data collection in the clinic.

Lum Translational Immunotherapy Lab

Karmanos Cancer Institute

Lawrence Lum, MD; Archana Thakur, PhD

2014 – 2016

Assisted cancer immunotherapy research and clinical trials. Maintained sterile cell cultures, processed blood samples, performed biochemical assays, and general laboratory upkeep.

Leadership & Teaching

Pharmacotherapy Problem Solving

Student Facilitator

Facilitated small group sessions of PPS-I, a problem-based learning (PBL) course for the first-year pharmacy students. The course focuses on independent and group learning of pathophysiology, pharmacology, and pharmacotherapeutics.

Winter 2019

Rho Chi Pharmacy Honor Society

Alpha Chi Chapter

2019 – Present

Learning Community - Pharmacy

Peer Mentor

Developed curriculum in collaboration with course coordinators for pharmacotherapy course review sessions. Developed assessments to help students self-evaluate their progress. Tutored pharmacy students weekly in small groups. Interviewed incoming Peer Mentor candidates.

2018 – 2019

ACCP Student College of Clinical Pharmacy

President 2018-2019

Our chapter aims to advance interest in clinical pharmacy practice and pharmacy research through guest lectures, events, and competitions.

2016 – Present

American Society for Microbiology, Wayne State Student Chapter

President 2015-2016

The organization introduces students to research in microbiology and related fields. The objective of ASM-WSU is to encourage students to pursue research and become engaged with science beyond the classroom.

2013 – 2016

Honors & Accomplishments

Graduate Program – Wayne State University

Rho Chi Pharmacy Honor Society	2019
PCOA (P3) - 99 th Percentile in USA	2019
PCOA (P2) - 99 th Percentile in USA	2018
ACCP Clinical Research Challenge – Top 4 team in USA	2018

Mildred & James Hulme Scholarship	2019
Nazih Jawad Life Rx Endowed Scholarship	2018 – 2019
Pharmacy Alumni and Friends Scholarship	2018
Pharmacy Alumni Association Endowed Scholarship	2017

Undergraduate – Wayne State University

Honors College Scholarship Recipient	2013 – 2017
Dean's List	2013 – 2016
WSU UROP Research Grant	2016
HackWSU Hackathon 2 nd place team (EmotionEngine)	2016
HealthPro Start	2013 – 2016

High School – Waterford Mott

WXYZ Channel 7 Brightest and Best (Valedictorian)	2013
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Entrepreneurship

Adjuvant Software Solutions, LLC

2017 – Present

Founder/Software Developer

Specializing in bioinformatics and data science.

Some of my open-source projects can be found on GitHub at
<https://github.com/griffincalme>

Active Licensure & Certifications

Pharmacist Educational Limited License

2016 – Present

MI Dept. of Licensing and Regulatory Affairs

ID# 5351013449

APhA Pharmacy-Based Immunization Delivery

2017 – Present

With injection technique assessment

Basic Life Support Provider (BCLS)

2016 – Present

American Heart Association

Ecard# 165505483579

Commented [GC2]: Other Professional Affiliations
American College of Clinical Pharmacy