

Griffin R. Calme

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Education

Doctor of Pharmacy Candidate (GPA 3.72)

May 2020

Research Scholars Concentration

Wayne State University – Detroit, MI

Bachelor of Health Science

August 2017

Wayne State University – Detroit, MI

Professional Experience

Longitudinal Advanced Pharmacy Practice Experience

May 2019 – Present

Beaumont Hospital – Royal Oak, MI

Program Coordinator – Maureen Smythe, PharmD, FCCP

- Counseled patients for the Anticoagulant Teaching Service
- Provided medication reconciliation

Pharmacy Intern (Inpatient)

May 2017 – Present

Beaumont Hospital – Royal Oak, MI

Supervisors – Anthony Ibrahim, PharmD & Amber Koepel, PharmD

- Conducted operational pharmacy services
- Compounded sterile products

Advanced Pharmacy Practice Experience

Hospital Pharmacy

May – June 2019

Beaumont Hospital – Royal Oak, MI

Preceptor – Maureen Smythe, PharmD, FCCP

- Provided operational and unit-based pharmacy services
- Performed pharmacokinetic and anticoagulant dosing services
- Analyzed blood culture reports and audited antimicrobial use

Emergency Medicine

June – Aug. 2019

Beaumont Hospital – Royal Oak, MI

Preceptor – Sheena Merwine, PharmD, BCPS

- Responded to emergency codes
- Answered drug information questions
- Compounded and prepared medications for urgent use

Internal Medicine/Ambulatory Care

Aug. – Sept. 2019

Beaumont Hospital – Royal Oak, MI

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

- Rounded with the internal medicine team
- Counseled heart failure clinic patients

Cardiac Intensive Care

Sept. – Oct. 2019

Beaumont Hospital – Royal Oak, MI

Preceptor – Jenna Holzhausen, PharmD, BCPS

- Rounded with the cardiology team
- Provided pharmacokinetic and anticoagulant dosing services
- Answered drug information questions

Introductory Pharmacy Practice Experience

Hospital Introductory Pharmacy Practice Experience

Jan. – Apr. 2019

Ascension Providence Rochester – Rochester Hills, MI

Preceptor – Lindsay Schwalbach, PharmD

Community Introductory Pharmacy Practice Experience

Sep. – Dec. 2018

Walgreens – Clinton Township, MI

Preceptor – Peggy Rozanski, RPh

Early Introductory Pharmacy Practice Experience

2017 – 2018

Gary Burnstein Community Health Clinic – Pontiac, MI

Preceptor – Justin Brox, MD

Research Experience

Burghardt Pharmacogenomics Lab

2017 – Present

IBio Center & Eugene Applebaum College of Pharmacy – Detroit, MI

Research Mentor – Kyle Burghardt, PharmD

- Developed software to study the relationship of antipsychotics and the metabolome

Yi Diabetes Proteomics Lab

2016 – Present

IBio Center & Eugene Applebaum College of Pharmacy – Detroit, MI

Research Mentors – Zhengping Yi, PhD; Michael Caruso, PhD;

Xiangmin Zhang, PhD

- Developed software for data automation
- Conducted participant clinic visits
- Performed molecular cloning and gene editing

Lum Translational Immunotherapy Lab

2014 – 2016

Karmanos Cancer Institute – Detroit, MI

Research Mentors – Lawrence Lum, MD, DSc; Archana Thakur, PhD

- Maintained cell lines
- Performed benchtop assays
- Processed blood samples for clinical studies

Research Projects

Evaluation of Adherence to Skin and Soft Tissue Treatment

2019

Guidelines: A Survey of Current Prescribing Practices

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

Evaluating the Effectiveness of Oral Beta-Lactam Antibiotics for Definitive Treatment of Enterobacteriaceae-Associated Bloodstream Infections 2018 – 2019

Andrea Haugtvædt PharmD; Griffin Calme; Wasym Mando; Christine Yost PharmD, BCIDP

Impact of a Pharmacy-Directed Intervention for the Use of Combination Vancomycin and Beta-Lactams for *Staphylococcus aureus* Bacteremia 2018

Griffin Calme; Wasym Mando; Jessica Dare-Shih
Proposal achieved 4th place in American College of Clinical Pharmacy (ACCP) Clinical Research Challenge

Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms 2016

Griffin Calme
Thesis for the Undergraduate Research Opportunities Program

Posters and Abstracts

Evaluation of Adherence to Skin and Soft Tissue Treatment Guidelines: A Survey of Current Prescribing Practices December 2019

Andrew Torey PharmD*; Griffin Calme; Lee Amaya PharmD; Christine Yost PharmD, BCIDP
*Presenting at American Society of Health-System Pharmacists (ASHP) Midyear – Las Vegas, NV

A Measurable Immune Response in the Tumors and Lymph Nodes of Patients with Lymph Node Positive and Lymph Node Negative Breast Cancer April 2018

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

Recombinant Attenuated Salmonella as an Insulin Gene Delivery Vector March 2017

Griffin Calme*; Michael Caruso PhD; Qingke Kong PhD; Zhengping Yi PhD; and Xiangmin Zhang PhD
*Presented at Michigan Diabetes Research Center Annual Diabetes Symposium – Ann Arbor, MI

Presentations

Pharmacist's Guide to Caring for Transgender Individuals September 2019
Formal presentation to clinical pharmacists, residents, and students
Beaumont Hospital – Royal Oak, MI

Role of Tranexamic Acid in GI Bleed September 2019
Inservice to internal medicine residents
Beaumont Hospital – Royal Oak, MI

Therapy of COPD Round-table presentation to pharmacy residents and students Beaumont Hospital – Royal Oak, MI	August 2019
Antibiotic Prophylaxis in Trauma Formal presentation to clinical pharmacists, residents, and students Beaumont Hospital – Royal Oak, MI	July 2019
Formulary Review: Cannabidiol (Epidiolex) Presented to Beaumont Health P&T Children’s Subcommittee Beaumont Hospital – Royal Oak, MI	July 2019
Four Heart Failure Recommendations Every Pharmacist Should Know Formal presentation to clinical pharmacists, residents, and students Beaumont Hospital – Royal Oak, MI	June 2019
Evaluating Literature for “Pharmacotherapy Problem Solving” (PPS) Presented on drug literature evaluation techniques for first-year pharmacy students Eugene Applebaum College of Pharmacy – Detroit, MI	February 2019
P2 Year Success and The Learning Community Eugene Applebaum College of Pharmacy – Detroit, MI	September 2018
Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms Wayne State Undergraduate Research Conference – Detroit, MI	November 2016
Art & Architecture at the Detroit Public Library: The Bronze Doors Wayne State Undergraduate Research Conference – Detroit, MI	November 2015

Leadership Experience

Rho Chi Pharmacy Honor Society Alpha Chi Chapter	2019 – Present
Chief LAPP Student (Rotating) <ul style="list-style-type: none"> Coordinated the Anticoagulation Teaching Service Organized materials for incoming APPE students 	Aug. – Sept. 2019
Student College of Clinical Pharmacy (ACCP-SCCP) President	2018 – 2019
American Society for Microbiology, Wayne State Chapter President	2015 – 2016

Teaching Experience

Pharmacotherapy Problem Solving

Jan. – Feb. 2019

Peer Facilitator

- Facilitated three weeks of a problem-based learning course for first-year pharmacy students

Learning Community - Pharmacy

2018 – 2019

Peer Mentor

- Tutored pharmacy students
- Developed weekly learning assessments

Honors & Accomplishments

Graduate Program – Wayne State University

Rho Chi Pharmacy Honor Society 2019

Pharmacy Curriculum Outcomes Assessment (PCOA) 99th Percentile 2018 & 2019

Mildred & James Hulme Scholarship 2019

Nazih Jawad Life Rx Endowed Scholarship 2018 & 2019

ACCP Clinical Research Challenge Top 4 USA Finalist Team 2018

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 Undergraduate Research Grant 2016

HackWSU Hackathon 2nd place team (EmotionEngine) 2016

HealthPro Start 2013 – 2016

High School – Waterford Mott

2013

WXYZ Channel 7 Brightest and Best – Valedictorian

Entrepreneurship

Adjuvant Software Solutions, LLC

2017 – Present

Founder/Software Developer

Specializing in bioinformatics and data science.

Licensure & Certifications

Michigan Pharmacist Educational Limited License (#5351013449) 2016 – Present

APhA Pharmacy-Based Immunization Delivery 2017 – Present

American Heart Basic Life Support Provider (BCLS) 2016 – Present