

# Griffin R. Calme

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## Education

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### **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

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### **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

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### **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 (IM) team
- Counseled heart failure clinic patients

**Cardiac Intensive Care**

Sept. – Oct. 2019

Beaumont Hospital – Royal Oak, MI

Preceptor – Jenna Holzhausen, PharmD, BCPS

- Rounded with Cardiology intensivists
- Provided pharmacokinetic and anticoagulant dosing services
- Answered drug information questions

**Introductory Pharmacy Practice Experience**

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**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**

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**Burghardt Pharmacogenomics Lab**

2017 – Present

IBio Center &amp; 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 &amp; 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**

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

2019

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 Haugtvedt 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 4<sup>th</sup> 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

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**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 33<sup>rd</sup> 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

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**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

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

## Leadership Experience

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

## Teaching Experience

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### **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

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### **Graduate Program – Wayne State University**

Rho Chi Pharmacy Honor Society

2019

Pharmacy Curriculum Outcomes Assessment (PCOA) 99<sup>th</sup> Percentile

2018 & 2019

ACCP Clinical Research Challenge Top 4 USA Finalist Team

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 Undergraduate Research Grant

2016

HackWSU Hackathon 2<sup>nd</sup> place team (EmotionEngine)

2016

HealthPro Start

2013 – 2016

### **High School – Waterford Mott**

2013

WXYZ Channel 7 Brightest and Best – Valedictorian

## Entrepreneurship

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### **Adjuvant Software Solutions, LLC**

2017 – Present

Founder/Software Developer

Specializing in bioinformatics and data science.

## Licensure & Certifications

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Michigan Pharmacist Educational Limited License (#5351013449)

2016 – Present

APhA Pharmacy-Based Immunization Delivery

2017 – Present

American Heart Basic Life Support Provider (BCLS)

2016 – Present