

# Griffin R. Calme

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## Education

### **Doctor of Pharmacy Candidate**

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

Performed inventory management, unit-dose preparation, medication reconciliation, and medication distribution.

## Licensure & Certifications

### **Pharmacist Educational Limited License**

Exp. 06/30/18

*MI Dept. of Licensing and Regulatory Affairs*

ID# 5302044984

### **APhA Pharmacy-Based Immunization Delivery**

Obtained 9/9/2017

*With injection technique assessment*

### **Basic Life Support Provider (BCLS)**

Exp. 6/30/18

*American Heart Association*

Ecard# 165505483579

## Experiential Education

### **Introductory Pharmacy Practice Experience**

May 2017 – Present

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

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

## Posters

### **Recombinant Attenuated Salmonella as an Insulin Gene Delivery Vector**

March 18, 2017

Griffin Calme, Michael Caruso, Qingke Kong, Zhengping Yi, and Xiangmin Zhang

*Michigan Diabetes Research Center Annual Diabetes Symposium*

## Research Papers

### **Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms**

August 2016

*Accepted by the Undergraduate Research Opportunities Program*

## Presentations

### **Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms**

November, 11 2016

*WSU Undergraduate Research Conference*

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

November, 15, 2015

*WSU Undergraduate Research Conference*

## Research Experience

### **Burghardt Pharmacogenomics Lab**

2017-Present

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

Kyle Burghardt, PharmD

#### *Research Scholar Student*

Utilized data science techniques, developed and used software to study the relationship of antipsychotic use with 'omics' data.

### **Yi Diabetes Proteomics Lab**

2016-Present

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

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

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**

2014-2016

*Karmanos Cancer Institute*

Lawrence Lum, MD – Archana Thakur, PhD

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

## Leadership

### **ACCP Student College of Clinical Pharmacy**

2016-Present

*President 2018-2019*

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

### **American Society for Microbiology, Wayne State Student Chapter**

2013-2016

*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.

## Unique Expertise

### **Computer Programming**

My GitHub can be found at <https://github.com/griffincalme> and associated blog at <https://griffincalme.github.io>.

## Professional Affiliations

<b>American College of Clinical Pharmacy</b>	2017-Present
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<b>Southeastern Michigan Society of Health-System Pharmacists</b>	2017-Present
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<b>ASHP Student Society of Health-System Pharmacists</b> <i>Wayne State Student Chapter</i>	2016-Present
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## Honors & Awards

### **Graduate**

Pharmacy Alumni Association Endowed Scholarship	2017
Research Scholars Program	2017-Present

### **Undergraduate**

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