

## Griffin R. Calme

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Wayne State University  
Eugene Applebaum College of Pharmacy & Health Sciences  
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EDUCATION	<b>Doctor of Pharmacy Candidate</b> <i>Wayne State University — Detroit, MI</i> Eugene Applebaum College of Pharmacy and Health Sciences	Class of 2020 GPA: 3.64
	<b>Pharmacy Prerequisites</b> <i>Wayne State University — Detroit, MI</i> College of Liberal Arts and Sciences & Irvin D. Reid Honors College	2013–2016 GPA: 3.94
	<b>High School Diploma</b> <i>Waterford Mott High School — Waterford, MI</i>	2009–2013 GPA: 4.17
LICENSURE & CERTIFICA- TIONS	<b>Pharmacist Educational Limited License</b> <i>MI Dept. of Licensing and Regulatory Affairs</i> ID# 5302044984	9/16/16—6/30/17
	<b>Basic Life Support Provider (CPR)</b> <i>American Heart Association</i> ECard# 165505483579	6/30/16—6/30/18
PAPERS	<b>Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms</b> <i>Sole Author &amp; Developer</i> <i>Undergraduate Research Opportunities Program</i>	August 2016
TALKS	<b>Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms</b> <i>WSU Undergraduate Research Conference 2016</i>	Nov 11, 2016
	<b>Art &amp; Architecture at the Detroit Public Library: The Bronze Doors</b> <i>WSU Undergraduate Research Conference 2015</i>	Nov 15, 2015

<b>LEADERSHIP</b>	<b>American Society for Microbiology, Wayne State Student Chapter</b>	2013–2016
	<i>President</i> 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. I was elected President for the 2015/2016 year.	
<b>ORGANIZATIONS</b>	<b>American College of Clinical Pharmacy Student College of Clinical Pharmacy Wayne State Student Chapter</b>	2016–Present
	<i>Member</i>  <b>American Society of Health-System Pharmacists Student Society of Health-System Pharmacists Wayne State Student Chapter</b>	2016–Present
	<i>Member</i>	
<b>RESEARCH EXPERIENCE</b>	<b>Yi Diabetes Proteomics Lab WSU Integrative Biosciences Center &amp; Eugene Applebaum College of Pharmacy and Health Sciences</b>	2016–Present
	Faculty Mentor — Dr. Zhengping Yi <i>Student Researcher</i> Performs cell culture, molecular cloning & recombinant DNA techniques, and proteomics sample preparation. Works with proteomics data, develops software for automation of data analysis, carries out participant visits, sample and data collection in the clinic.	
	<b>Karmanos Cancer Institute</b>	2014–2016
	Faculty Mentors — Dr. Lawrence Lum & Dr. Archana Thakur <i>Volunteer Research Assistant</i> Assisted cancer immunotherapy research and clinical trials. Maintained cell cultures, processed blood samples, performed biochemical assays, and general laboratory upkeep. 400+ hours total.	
<b>OTHER COMMUNITY SERVICE</b>	<b>Elementary School Tutor</b>	2011–2013
	<i>Math and Literacy Tutor</i> Helped first and second grade students learn math, reading, and writing for a few hours each week.	
	<b>National Honors Society</b>	2011–2013
	<i>Waterford Mott High School</i> Volunteered over 120 hours total with local organizations including homeless shelters, food drives, Special Olympics, and the Waterford Youth Assistance.	

## EMPLOY- MENT

### **Greenskeeper**

May 2014 – September 2016

*Sylvan Glen Golf Course*  
5752 Rochester Rd Troy MI, 48085

Sylvan Glen is an Audubon certified public golf course. At Sylvan Glen we strove to conserve wildlife habitat on the course, conserve water, minimize environmental harm, and keep the nearly 100-year-old course beautiful.

### **Cashier**

June 2013 – August 2013

*Kmart*  
5199 Dixie Hwy Waterford MI, 48329

## UNIQUE INTERESTS

### **Computer Programming**

Computers have been a interest of mine since high school, I started learning programming about four years ago. From a young age, I've always been one to take things apart (sometimes putting them back together) and that enthusiasm hasn't faded. Computers are used for everything imaginable today, I really only see them becoming more important and central to healthcare. For me, they provide a useful tool to implement new ideas and solve problems that would be impossible with human intellect alone. In this regard, I am self-driven and self-taught. I love picking up new skills (like L<sup>A</sup>T<sub>E</sub>X) and I actively program in the areas of bioinformatics and data. My GitHub can be found at <https://github.com/griffincalme> and associated blog at <https://griffincalme.github.io>.

### **Reading**

Aside from medical & other scientific journal literature, I really like to read books about science, technology, philosophy, and mathematics. I've learned so much from books, it really changes your worldview when you understand how many things work and how they came to be. I've read 125+ books in these genres over the past few years, my goodreads page can be found here <https://www.goodreads.com/user/show/59024006-griffin-calme>

## HONORS & AWARDS

### *University*

Dean's List — WSU College of Liberal Arts and Sciences	2013-2016
WSU UROP Research Grant	2016
HackWSU Hackathon 2nd place team (EmotionEngine)	2016
HealthPro Start	2013-2016
Honors College Scholarship Recipient	2013-2017

### *High School*

Waterford Institute for Public Service Recognition	2013
Waterford Mott Valedictorian	2013
Channel 7 Brightest and Best	2013
Waterford Mott Chemistry Student of the Year	2013
MHSAA Scholar Athlete	2012
Waterford Mott Biology Student of the Year	2011