

Griffin R. Calme

Wayne State University
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EDUCATION	Doctor of Pharmacy Candidate <i>Wayne State University — Detroit, MI</i> Eugene Applebaum College of Pharmacy and Health Sciences	Class of 2020
	Pharmacy Prerequisites <i>Wayne State University — Detroit, MI</i> College of Liberal Arts and Sciences & Irvin D. Reid Honors College	2013–2016
	High School Diploma <i>Waterford Mott High School — Waterford, MI</i>	2009–2013
LICENSURE & CERTIFICA- TIONS	Pharmacist Educational Limited License <i>MI Dept. of Licensing and Regulatory Affairs</i> ID# 5302044984	2016–2017
	Basic Life Support Provider (CPR) <i>American Heart Association</i> ECard# 165505483579	2016–2017
PAPERS	Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms <i>Sole Author & Developer</i> <i>Undergraduate Research Opportunities Program</i>	August 2016
TALKS	Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer) Vision Algorithms <i>WSU Undergraduate Research Conference 2016</i>	Nov 11, 2016
	Art & Architecture at the Detroit Public Library: The Bronze Doors <i>WSU Undergraduate Research Conference 2015</i>	Nov 15, 2015

LEADERSHIP	American Society for Microbiology, Wayne State Student Chapter	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.	
ORGANIZATIONS	American College of Clinical Pharmacy Student College of Clinical Pharmacy Wayne State Student Chapter	2016–Present
	<i>Member</i> American Society of Health-System Pharmacists Student Society of Health-System Pharmacists Wayne State Student Chapter	2016–Present
	<i>Member</i>	
RESEARCH EXPERIENCE	Yi Diabetes Proteomics Lab WSU Integrative Biosciences Center & Eugene Applebaum College of Pharmacy and Health Sciences	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.	
	Karmanos Cancer Institute	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.	
OTHER COMMUNITY SERVICE	Elementary School Tutor	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.	
	National Honors Society	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	2014–2016
	<i>Sylvan Glen Golf Course — Troy, MI</i> 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	2013
	<i>Kmart — Waterford, MI</i> Every young adult needs a first job.	
UNIQUE INTERESTS	Computer Programming	
	Computers have been a interest of mine since high school, I started learning programming about four years ago. It is really sad to me that most people today have no idea what goes on inside their “black boxes” of technology. 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 create 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 ^A T _E X) and I actively program in the areas of computer vision, machine learning, 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 only 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 everything works and how it all came to be. I’ve read 125 books in these genres over the past four years, my goodreads page can be found here https://www.goodreads.com/user/show/59024006-griffin-calme	
HONORS & AWARDS	<i>University</i>	
	Dean’s List — WSU College of Liberal Arts and Sciences	2013-2016
	WSU UROP Research Grant	2016
	HackWSU Hackathon second place team	2016
	HealthPro Start	2013–2016
	Honors College Scholarship Recipient	2013–2017
	<i>High School</i>	
	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