

Griffin R. Calme

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Eugene Applebaum College of Pharmacy & Health Sciences
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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 GPA: 3.56
	Pharmacy Prerequisites <i>Wayne State University — Detroit, MI</i> College of Liberal Arts and Sciences & Irvin D. Reid Honors College	2013–2016 GPA: 3.94
	High School Diploma <i>Waterford Mott High School — Waterford, MI</i>	2009–2013 GPA: 4.17
PROFESS- IONAL EXPERIENCE	Pharmacy Intern (Inpatient) <i>Beaumont - Royal Oak</i> 3601 W 13 Mile Rd, Royal Oak, MI 48073 Responsibilities included inventory management, unit-dose preparation, and medication distribution.	May 2017 – Present
EXPERIEN- TIAL EDUCATION	Introductory Practice Experience <i>Gary Burnstein Community Health Clinic</i> 45580 Woodward Ave, Pontiac, MI 48341 Participated in pharmacy operations and patient care for the underinsured population.	May 2017 – Present
LICENSURE & CERTIFICA- TIONS	Pharmacist Educational Limited License <i>MI Dept. of Licensing and Regulatory Affairs</i> ID# 5302044984	9/16/16—6/30/17
	Basic Life Support Provider (BLS) <i>American Heart Association</i> ECard# 165505483579	6/30/16—6/30/18
	APhA Pharmacy-Based Immunization Delivery <i>American Pharmacists Association</i>	9/9/2017

POSTERS	Recombinant attenuated Salmonella as an insulin gene delivery vector Griffin Robert Calme, Michael Caruso, Qingke Kong, Zhengping Yi, and Xiangmin Zhang <i>Michigan Diabetes Research Center Annual Diabetes Symposium 2017</i>	Mar 18, 2017
PAPERS	Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms Griffin Calme <i>Undergraduate Research Opportunities Program</i>	August 2016
TALKS	Improving Immunohistochemistry Scoring Techniques for Cancer Biopsies with Computer Vision Algorithms Griffin Calme <i>WSU Undergraduate Research Conference 2016</i>	Nov 11, 2016
	Art & Architecture at the Detroit Public Library: The Bronze Doors Griffin Calme <i>WSU Undergraduate Research Conference 2015</i>	Nov 15, 2015
LEADERSHIP & ORGANIZATIONS	ACCP Student College of Clinical Pharmacy Wayne State Student Chapter <i>President-Elect 2017-2018</i>	2016–Present
	American College of Clinical Pharmacy <i>Student Member</i>	2017-Present
	Southeastern Michigan Society of Healthsystem Pharmacists <i>Student Member</i>	2017-Present
	American Society of Health-System Pharmacists Student Society of Health-System Pharmacists Wayne State Student Chapter <i>Member</i>	2016–Present
	American Society for Microbiology, Wayne State Student Chapter <i>President 2015-2016</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.	2013–2016

RESEARCH EXPERIENCE	Burghardt Pharmacogenomics Lab	2017–Present
	WSU Integrative Biosciences Center & Eugene Applebaum College of Pharmacy and Health Sciences	
	Faculty Mentor — Dr. Kyle Burghardt <i>Research Scholar Student</i> Utilized data science techniques and developed & used software to study the relationship of ‘omics’ with antipsychotics.	
	Yi Diabetes Proteomics Lab	2016–2017
	WSU Integrative Biosciences Center & Eugene Applebaum College of Pharmacy and Health Sciences	
	Faculty Mentors — Drs. Zhengping Yi, Michael Caruso & Xiangmin Zhang <i>Student Researcher</i> Performed cell culture, molecular cloning & recombinant DNA techniques, and proteomics sample preparation. Worked with proteomics data, developed software for automation of data analysis, carried 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.	
OTHER EMPLOY- MENT	Greenskeeper	May 2014 – September 2016
	<i>Sylvan Glen Golf Course</i> 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
	<i>Kmart</i> 5199 Dixie Hwy Waterford MI, 48329	

UNIQUE INTERESTS

Computer Programming

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. 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 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

Pharmacy Alumni Association Endowed Scholarship	2017
Research Scholars Program — WSU EACPHS	2017-Present
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