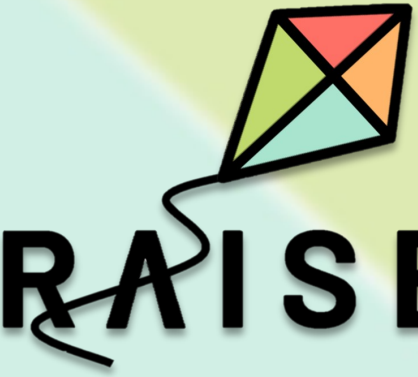


RAISE UP INCLUSIVE STEM RETREAT

Sponsored by the Hanson Center for Inclusive STEM Education

Saturday, February 17th

-RETREAT PROGRAM-

LAFAYETTE

HANSON CENTER
FOR INCLUSIVE STEM EDUCATION

Retreat Mission

This retreat aims to equip, empower and energize participants for their academic and professional paths in STEM. Join us for interactive sessions and dynamic networking opportunities that will forge your future as we work together to promote a more diverse, equitable, and inclusive STEM community. All students, faculty, and staff are welcome to attend.

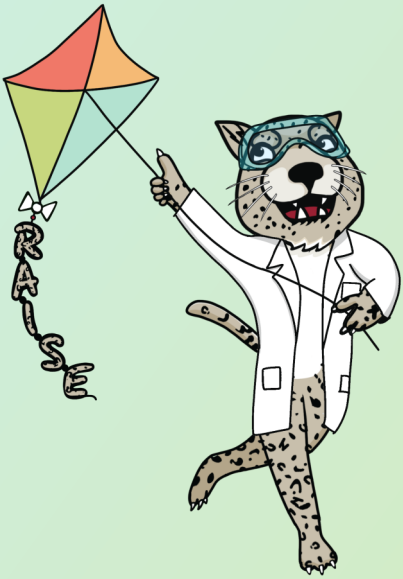
Retreat Organizers

Hispanic Finance Association
Kovalevsky Society
National Society of Black Engineers
Out in STEM
Society of Hispanic Professional Engineers
Society of Women Engineers
Women in the Economy
Women+ in Physics

RAISE Committee

Nisan Basçiftçi, Brandon Harding, Milka Ininahazwe, Rachel Kimball, Jessica McDivitt, Hector Morales, Annelise Przybylak, Leonora Rodriguez, Omar Soto, Ami Figueroa Urrutia.
Faculty Advisor: Dr. Wendy Hill.

What is RAISE?



RAISE is a coalition of existing student STEM organizations and "at large" members to help harness our shared missions and actions to enhance inclusive STEM education at Lafayette.

Our mission is to...

- ***collaborate on projects across the STEM fields to deepen and expand their impact***
- ***collaborate and share information among the student organizations to increase the effectiveness and influence of their programs***
- ***provide student input and advice on Hanson Center projects and initiatives.***

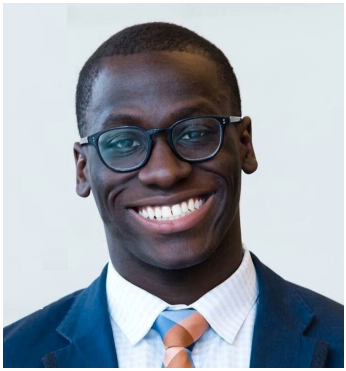
RAISE

A Hanson Center Initiative for Change

Science, Technology, Engineering, and Mathematics

Keynote: Joel Bervell

Joel Bervell is a Ghanaian-American medical student, science communicator ,and host of 'The Dose' Podcast with The Commonwealth Fund.



Joel is currently a medical student at Washington State University, where he is founder and director of the Coug Health Academic Mentoring Program (CHAMP), a mentoring program dedicated to increasing the number of underrepresented students in medicine.

Online, Joel is better known as the "Medical Mythbuster," posting about racial health disparities in medicine to over 1M TikTok and Instagram (@joelbervell) followers. He is one of the White House Office of Public Engagement's Healthcare Leaders in Social Media Roundtable, on the Council for Responsible Social Media, on The Atlantic's Health Equity Advisory Board, and working with the World Health Organization's Digital Communications Team to combat the spread of misinformation on social media about COVID-19.

Joel has been named a Scientific American 'Revolutionary,' Rock Health Top 50 in Digital Health, 2023 Anthem Award Gold Winner, and 2022 National Minority Quality Forum "40 under 40" Leader in Minority Health. He is the recipient of the National Medical Association's Emerging Scholar Award, the highest academic honor presented to a student by the National Medical Association.

Retreat Schedule

11:45 –12:00 pm	**Registration (Marquis Lobby)**
12:00–1:15 pm	**Plated lunch and Keynote: Joel Bervell (Marquis Dining Hall)**

Workshops: Rockwell

1:30–2:10 pm	**Session 1**
2:10–2:20 pm	**Break** *(Snacks in Dyer Center)*
2:20–3:00 pm	**Session 2**

Hot Seats: Rockwell

3:10-3:50 pm	**Industry and Graduate School with Early-Career Alumni**

Rockwell Eco Café and Courtyard

4:00-4:45 pm	**RAISE a Glass: Mocktails, Posters, and Networking**

**Each session has multiple workshops, so you may attend one workshop per session.*

***All hot seats will be happening concurrently, but feel free to move between different hot seat sessions as you wish.*

Workshop Session 1

(Concurrent sessions from 1:30 to 2:10 pm)

Conversation with Joel Bervell

Rockwell 362

Inspired by Joel Bervell's talk? Want to talk with him about his journey in STEM and his work to advance DEIJ initiatives in the health industry? This is your chance to join others and have a conversation with our keynote speaker, Joel Bervell! Joel looks forward to meeting Lafayette students and hearing about your experiences in STEM.

Science Identity

Rockwell 462
Organized by Women+ in Physics and the Society of Hispanic Professional Engineers

As STEM students at Lafayette, do we feel like we are scientists and engineers? This workshop will encourage students to think critically and engage in discussions about their identity as a scientist, engineer, or mathematician. We will discuss the importance of identity, and explore barriers to feeling confident in one's science identity. We hope to conclude by discussing how individuals can feel more confident in their STEM identities at Lafayette.

Mentorship and Allies in STEM

Rockwell 262
Organized by the Society of Women Engineers and the Kovalevsky Society

This interactive workshop will discuss mentorship and allyship in STEM, how they intersect, and what steps we can take to become better mentors and allies. Our goal is to create a safe space where we can cultivate discussion and growth around these important relationships.

Workshop Session 2

(Concurrent sessions from 2:20 to 3:00 pm)

Being a Student of Color in STEM

Rockwell 462
Organized by the National Society of Black Engineers and the Society of Hispanic Professional Engineers

Being a Person of Color, especially in STEM, is a daunting task due to how lonely it feels. With this workshop, we'll have the goal of not only educating non-POC on our experiences but also validating the problems many people of color undergo.

Managing the Financial Costs of Being a Student in STEM

Rockwell 104
Organized by the Hispanic Finance Association and Women in the Economy

This workshop discusses and addresses the importance of managing the financial costs of being a student in STEM. Join us for an insightful session that aims to empower students with the necessary skills and resources needed to thrive academically and financially in the world of STEM.

Sexuality and Gender in STEM

Rockwell 362
Organized by Out in STEM

This presentation will discuss the intersectionality between gender and sexuality in STEM and how our perspectives/backgrounds can affect one's work life. We aim to create a safe space to discuss how our identities should not defer us from pursuing the STEM field. Personal and community narratives will be included.

Workshop Session 2 (continued)

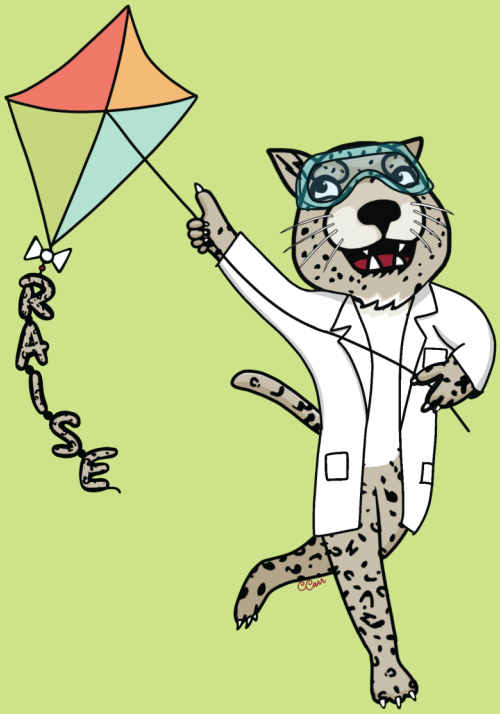
(Concurrent sessions from 2:20 to 3:00 pm)

Demonstrating Science

Rockwell 262

Organized by Women+ in Physics

Most of us have seen science demonstrations, either in the classroom, in a museum, or at other outreach events. Why exactly do scientists and instructors offer scientific demonstrations, and how can they do so more effectively? We will explore these questions and more in a discussion-filled workshop about the significance of scientific demonstrations.



STEM Alumni Hot Seats

(Concurrent sessions from 3:10 to 3:50 pm)

Electrical & Computer Engineering/ Computer Science
Rockwell 462

Evan (Cuong) Vu '23 Software Engineer, Foursquare Labs
Joshua Virtell '22 Test Engineer at Thorlabs
Matthew Stern '20 Senior Software Engineer, ZT Systems
Waseh Ahmad '18 Software Engineer, Bloomberg LP

Mechanical & Civil Engineering
Rockwell 362

Alex Alvarez '23 Technical Consultant, Rothoblass
Jessica Landry '22 Junior Engineer, Greenman-Pedersen, Inc. (GPI)
Oscar Jopp '22 Global Quality Assurance Engineer, Victaulic
Micheal Bonnah '23 Environmental, Health, and Safety Engineer, Schneider Electric

Math, Finance & Business
Rockwell 360

Dominic Zhang '21 Knowles Teaching Fellow, Peddie School, NJ
Gabby Minassian '17 Graduate Student, University of North Carolina Kenan-Flagler Business School
Jacob Porter '23 Owner, Someday Coffee Roastery
Krista Kissell '21 Associate, Graham Partners
Ryan Wedeking '23 Research Data Coordinator, Institute for Community Inclusion, University of Massachusetts—Boston

STEM Alumni Hot Seats

(Concurrent sessions from 3:10 to 3:50 pm)

Health Sciences I
Rockwell 262

Kwabena Acheampong '22 Clinical Science Intern, Bristols Myers Squibb

Naomi Ganpo '22 Medical Student, Cooper Rowan Medical School

Alina Sosa '22 Engagement Coordinator, Drexel University

Sydney Leibovitz '23 Medical Assistant, St. Luke's Neurology

Health Sciences II
Rockwell 260

Maria Liberti '13 Senior Clinical Scientist & Infectious Disease Therapeutic Area Operations Lead, Merck

Jaskaran Grewal '23 Research Postbaccalaureate, National Institute of Neurological Disorders and Stroke

Hannah Greaves '21 Nursing Student, Columbia University

Environmental Sciences & Engineering
Rockwell 460

Madeline Carroll '22 Career Development Program, Air Products

Hana Isihara-Ossolinski '17 Environmental Scientist, BSC Group

Lucie Lagodich '22 Master's Student, Columbia University; Student Research Worker, Center on Global Energy Policy

Madison Lebish '23 Enviromental Staff Scientist, Verdantas

Katie Potter '20 Master's Student, Lehigh University; Langan Engineering and Environmental Services, Inc.

Alumni Bios

Kwabena Acheampong

Kwabena graduated from Lafayette College with High Honors and a B.S. Biology degree on a pre-med track. He has a strong passion for the Health Sciences Industry in both the biological and financial sectors. He is a results-driven scientist with competent critical thinking and problem-solving skills. He has expertise in Project management, Public Speaking, and Leadership. His educational goals are to study biological mechanisms/systems of interest within Black and Underrepresented patient populations predisposed to aggressive cancers and crippling diseases. Currently, he conducts clinical research as a Clinical Science Intern at Bristol Myers Squibb (BMS) in the Hematology/Oncology and Cell Therapy on the Early Clinical Development team.

Kwabena has a dedicated passion for directly fighting the burden/ impact of health disparities on Black and Underrepresented patients using precision medicine approaches. His career goal is to increase Black representation among clinical teams (physician-scientists, physicians, scientists, etc.) within his field and to collaborate with others to consolidate the knowledge acquired during their years of study and clinical experience into practical and effective targeted therapeutic methods to alleviate the significant and ever emerging health burden seen within the African diaspora across disease types.

Waseh Ahmad

After graduating from Lafayette, Waseh worked as a software engineer at Lutron Electronics and soon followed by moving to Bloomberg. At the same time, he decided to take graduate courses simply because he loves to learn, and decided on completing a

Alumni Bios

master's degree from Georgia Tech. Although he loves working with technology, there are other aspects of life he enjoys balancing it with. Recently, Waseh has become enamored with landscape photography, and has resumed playing badminton, a sport he sorely missed. More than that, he has been trying to focus on understanding people and relationships better, whether it's to lead, or make more meaningful connections, with the aim of sharing his insights to inspire people.

Alexander Alvarez

Alex is a local technical consultant for Rothoblaas, a leading timber solution company located in Allentown, PA and HQ in Italy. As a local technical consultant, he answers questions from salespeople from structural stability to recommendations of products and use excel to create calculators for clients to use. He looks forward to contributing to the community, no matter where he is.

Micheal Bonnah

Micheal recently graduated from Laf with a degree in mechanical engineering and has begun a full-time position at Schneider Electric as an Environmental, Health, and Safety Engineer in their Schneider Development Program. Currently based in Pennsylvania, after his first rotation, he anticipates relocating from the state he's called home for the past 5 years since college. As part of his role, Micheal focuses on identifying new and innovative methods to support workers in plants and DCs with ergonomic and safety compliance. An exciting project he's been involved in at our DC is the integration of drones for top rack inventory auditing. His track at Schneider Electric is in operational engineering, and his upcoming role will be in manufacturing engineering for a production plant. As he is in a rotational position at Schneider

Alumni Bios cont..

Electric, Michael is exposed to various procedures, processes, job titles, and roles. In his leisure time, he enjoys running, playing ultimate frisbee, engaging in trivia, and watching football (Go Big Blue!). Ultimately, his aspiration is to establish a non-profit aimed at helping students in marginalized groups excel in STEM.

Madeline Carroll

A 2022 graduate with a BS in Chemical Engineering and minor in Computational Methods, Madeline is in her second year in the Career Development Program at Air Products at the corporate HQ in Allentown, PA. Her first rotation was in Process Safety and involved creating standards for safe designs of plants, developing technical training material, and analysis of a test series on ammonia safety that led to a publication and a conference presentation in Germany. Her second (current) rotation is in Operations Advanced Controls and involves building and supporting model predictive controllers used to optimize our large plants. At Lafayette, Madeline did research in computational methods, did internships at Air Products, and was President of AIChE.

Naomi Ganpo

Naomi is a first-year student at Cooper Rowan Medical School from Ontario, Canada. At 17, she journeyed from Canada to the U.S., driven by her dream and passion of playing basketball at the Division I level.

Beyond basketball, Naomi cherishes travel. In her gap year, she played professional basketball in Ireland, logging countless travel hours around Europe. Her interest in medicine ignited during a transformative summer in Camden, witnessing the impact of food deserts on families during community service. This experience

Alumni Bios continued

fueled her curiosity about social determinants of health, leading to active participation in clinical research.

Now in medical school, Naomi is privileged to merge patient care and research. Alongside her academic pursuits, she prioritizes time with family and friends, whose unwavering support propels her journey. Their encouragement empowers her to positively impact health and well-being.

Hannah Greaves

Fascinated by medicine and the multi-faceted impact healthcare workers have on their patients' lives, Hannah began studying at Lafayette on a pre-med track. However, after spending the summer between her sophomore and junior year shadowing the nursing staff at Johns Hopkins Hospital, Hannah became increasingly interested in becoming a nurse herself. Now a student in the accelerated second-degree nursing program at Columbia University, Hannah is excited to graduate this coming August and begin working in Labor & Delivery; a field she became passionate to pursue after completing an independent research project which examined the determinants of poor reproductive healthcare disparities for women of color. While enthusiastic to work at the bedside and directly provide high quality healthcare to women of all races, her ultimate goal is to open her own clinic that serves the reproductive healthcare needs of her community. Outside of nursing, Hannah is passionate about painting, gardening, and works part-time at her local animal shelter.

Hana Isihara

After graduating from Lafayette with degrees in Geology and Biology, Hana completed her master's at Northeastern University in Marine Biology. She currently works as an Environmental Scientist

Alumni Bios continued

with BSC Group, an environmental and engineering consulting firm based in Boston, but works remotely from NYC. In this role, Hana manages environmental review and permitting of wetland and coastal utility and transportation projects across New England. Her work involves regular coordination with local, state, and federal regulatory authorities. She also works as an in-house consultant with MassDOT in their Wildlife and Endangered Species Unit, supporting clearing projects for the Northern Long-eared Bat under Section 7 of the Endangered Species Act. In her free time, Hana enjoys photography, cooking, snuggling with her cat, Mitty, and adventuring with her husky, Maple.

Oscar Jopp

Oscar graduated in 2022 with a degree in Mechanical Engineering and Physics. Ever since, he has been working as a Global Quality Assurance Engineer for Victaulic, where he is responsible for developing quality control procedures for new and existing products. It's a challenging and rewarding role that requires him to use his technical and interpersonal skills.

Outside of work, Oscar enjoys getting outdoors and exercising. Some of his favorites are Kayaking, skiing, snowboarding, rock climbing, and camping. These activities help him clear his mind and stay focused, which is essential when working on complex projects. He also enjoys reading, producing music, and cooking, which helps him to think more critically and creatively.

In terms of his career, one of the most important things Oscar has learned is the value of networking and building relationships. He has been fortunate to have some great mentors along the way, and he strives to pay it forward by mentoring others. We all have something to learn from each other, regardless of experience level.

Alumni Bios continued

Krista Kissell

Krista is currently an associate at Graham Partners, a middle market private investment firm focused on technology-driven advanced manufacturing businesses. At Graham, Krista sources and evaluates new investment opportunities within the food & consumer manufacturing industry, and provides ongoing support for a number of Graham Partners' current portfolio companies. She is also actively involved with the firm's undergraduate internship program.

Krista graduated from Lafayette in 2021, majoring in Economics and minoring in Data Science, and was a member of the Women's Soccer Team. While at Lafayette, she participated in the Peer Mentor Program, SAAC, Athletes CARE, and the Data Science Consulting Group. Krista also completed Lafayette's externship program and interned with the college's Investment Office in New York City.

In her free time, Krista enjoys spending time with family and friends, golfing, and traveling - her favorite city to visit is Paris!

Jess Landry

Jess graduated from Lafayette in May 2022 with a BS in Civil & Environmental Engineering and a minor in Architecture Studies. During her college summers, she conducted research on campus in the Physics Department as a CBL Scholar, interned in the Preconstruction Department at Clark Construction Group in Maryland, and interned in the Bridge Department at Greenman-Pedersen, Inc. (GPI) in Upstate NY. Since graduating from Lafayette, Jess has been working as a Junior Engineer in the Bridge Department at GPI's Albany, NY office. Her primary responsibilities in this role include: utilizing various computer programs and completing calculations to make bridge design

Alumni Bios continued

decisions (ex: determining necessary girder sizes), drafting bridge plans using MicroStation, and writing project reports to be submitted to clients. In her free time, she enjoys going to concerts, taking social dancing classes (she was very involved in the Salsa Club on campus!), and traveling.

Madison Lebish

Madison is an Environmental Staff Scientist I at Verdantas, an environmental and engineering consulting firm located in Wilkes-Barre, PA. Her current career interests are focused in wetland delineations and watercourse studies. She is currently applying to GIS certificate programs to begin in 2024. Her passion for wetlands and conservation was sparked when she was at Lafayette, where she did independent research on vernal pools in Doc R's lab! Outside of work, she spends most of her time volunteering for the fundraising committee of her hometown's volunteer fire department, serving as the alumni chair of the Alliance for Watershed Education, reading on her back porch, or watching movies with her fiancé (another Lafayette alum, roll pards!!) and their cat.

Sydney Leibovitz

Syd graduated class of 2023. Right after graduating she obtained her CNA license from Gracedale Nursing Home, and she is currently working as a medical assistant at St. Luke's Neurology in Bethlehem. As a medical assistant, she is in charge of running two providers: an MD and a CRNP. This means that she controls their daily schedules, calls outside facilities and pharmacies to obtain medical records and imaging, rooms patients for them (obtain a medical history, vitals, review of symptoms), gives injections, and draws up Botox, Xeomin, and Trigger Point injections. She

Alumni Bios continued

specifically works very closely with the epilepsy team, so most of her patients have seizures or seizure-like activity. She is also a pre-PA student, and she is applying to Physician Assistant school in April! She hopes to become a neurosurgery PA. Outside of work, she loves calligraphy and journaling, playing music, and cooking.

Maria Liberti

Maria graduated from Lafayette College with a BS in Biology. While at Lafayette, she worked in Dr. Kurt's lab on an independent research project and quickly realized that she wanted to pursue a career in research. Before her senior year, she completed a Summer Undergraduate Research Fellowship at Boston University to expand her research experiences and learn more about research possibilities in graduate school. After returning to Lafayette College and completing an Honors Thesis, she pursued a PhD in Biochemistry at Cornell University and joined the Locasale lab studying therapeutic strategies for targeting the Warburg Effect. After graduating from Cornell in Fall 2018, she pursued postdoctoral studies as an NCI F99/K00 fellow in the Tavazoie and Birsoy labs studying metabolic regulation in metastatic cancers. While Maria enjoyed academic research, she wanted to transition into clinical development. In Fall 2020, she joined Merck as a Clinical Scientist and is currently a Senior Clinical Scientist and Infectious Disease Therapeutic Area Operations Lead working on clinical trials in early-stage development. Outside of work, she enjoys traveling, baking, and hiking.

Gabby Minassian

Studying economics at Lafayette made Gabby passionate about using data to answer questions and draw insights about the world around us. She started her professional career in the publishing

Alumni Bios continued

industry where she was able to combine her love of books with her love of data as a marketer and data analyst. After having been impacted by company layoffs, she decided to pursue a graduate degree in accounting where she could further strengthen her analytical skills while also opening new career doors for herself. Outside of work and school, Gabby likes to crochet, drink coffee, and hang out with dogs!

Jacob Porter

Jacob graduated from Lafayette with a B.S. in Mathematics in 2023. He currently owns and runs Someday Coffee, a 100% solar-powered coffee roastery. Operating a small business for the past 7 months has presented many challenges but he is really enjoying it. He roasts small batches of organic coffee beans and sell them to local cafes, inns, and ship directly to people's homes.

Jacob continues to meet weekly with a 2022 REU group to work on a math paper for publication. In the future, he is considering applying for a Ph.D. program to learn more mathematics. But for now, you can find him at somedaycoffee.com.

Katie Potter (née Weimann)

Katie graduated with a Civil and Environmental Engineering degree in 2020. Immediately after graduation, she worked as a Geotechnical Engineer at Langan Engineering and Environmental Services, Inc., a large engineering consulting firm, working on engineering design projects including the new Penn Medicine building, projects in Hawaii and Utah, environmental clean up projects in New Jersey, and sinkhole remediation in Easton. She worked at Langan for 2 years and decided afterwards that she wanted to make Geotechnical Engineering her specialty, so she

Alumni Bios continued

went back to grad school. This May, Katie will receive her Master's Degree in Civil and Environmental Engineering (with a Geotechnical concentration) along with a graduate certificate in Catastrophe Modeling. She hopes to implement catastrophe modeling as part of her design consulting work in Geotechnical Engineering. It is a new field that is not commonly used in industry for engineering design, but she wants to encourage more companies, including Langan, to implement catastrophe modeling into their design practices.

In her free time, Katie likes to run, and she's currently training for the Philadelphia marathon. She also enjoys serving at her church in Philadelphia and hanging out with her friends.

Alina Sosa

Alina is currently working in higher education at Drexel University as an Engagement Coordinator for the University Marketing and Communication department. She also works part time as a server and is looking into graduate programs at Drexel. Outside of work she enjoys exploring different places in Philly and staying connected with her Mu Sigma Upsilon sorority sisters.

Matthew Stern

Matthew Stern is currently a Senior Software Engineer at ZT Systems, and leads a team of software developers, database administrators, and QA engineers. His team is focused on applying automated data collection and failure pattern classification in industrial QC processes, as well as visualizing this data to create executive dashboards for business decisions.

Josh Virtell

Josh graduated as an ECE in 2022. Currently, he is working as a

Alumni Bios continued

Test Engineer at Thorlabs, a key manufacturer in the photonics and optics industry. His main responsibilities include the automation of production test sets, verification of new product functionality, and improvement of PCB testing capabilities. A few current projects are:

- Design verification of a 4 channel laser source that can drive sources up to 1 amp.
- Meeting with sales reps regarding the purchase of a Flying Probe Tester.
- Creating a database for test result collection and analyzing trends in pass/fail rates.

While a student at Lafayette, he was involved in percussion ensemble and IEEE. He also was a part of the Science Fiction house on Monroe Street.

Outside of work, Josh enjoys going to music bingo every Tuesday, golfing, and listening to music. He recently joined a non-profit initiative aimed at creating a local maker space for students and hobbyists. They are still in the early stages of funding and sourcing equipment.

Evan Vu

Evan is a recent Lafayette graduate, currently working as a Software Engineer for a late-stage start-up company in New York City. His senior year, he was part of the inaugural class of "Being Humans in STEM" taught by Professor Wendy Hill, which taught him about the importance of diversity, equity and inclusivity in education.

As an international student who majored in Computer Science and Neuroscience, Evan experienced the narrow space of research and

Alumni Bios continued

work opportunity that is open to foreign Visa holders. He believes the lessons he learned from this journey can help some students at Lafayette have a better path to success. Furthermore, he is passionate about lowering the barrier of entry into tech, especially software engineering and computer science, which can be helpful for students from underserved backgrounds who look to pursue a fulfilling career in these fields.

Ryan Wedeking

Ryan Wedeking is a research data coordinator at the Institute for Community Inclusion based at the University of Massachusetts Boston. He works remotely from his hometown of Lambertville, NJ. Ryan is involved in many projects that are research focused with the goal of helping people with disabilities gain access to employment and post-secondary education. While at Lafayette he majored in math and psychology and minored in data science. He also plays lots of instruments and spends a great deal of time listening to and playing music.

Dominic Zhang (he/him/his)

Dominic graduated from Lafayette College in 2021 with a dual degree in physics and philosophy, and a minor in mathematics. He taught math and physics at the Northfield Mount Hermon School in MA as a Penn Fellow, and obtained his M.S. Ed degree in education from the University of Pennsylvania Graduate School of Education this past May. His graduate thesis focuses on fostering resilience through building mathematical identities. He received a five-year Knowles Teaching Fellowship starting in the spring of 2023, which supports and further explores ideas of pedagogy and education with new high school STEM teachers nationally. Dominic now teaches math at the Peddie School in NJ.

RAISE a Glass and Poster Session

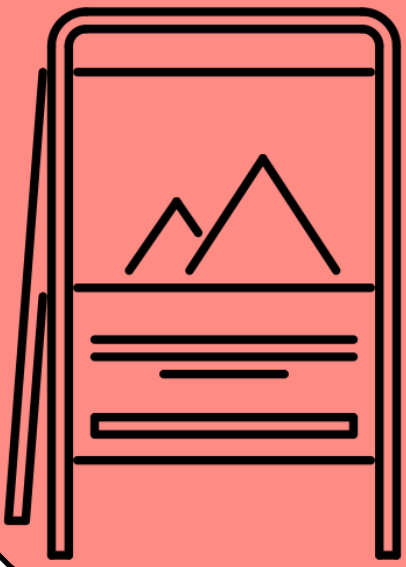
(4:00-4:45 pm)

Enjoy mocktails and appetizers while networking with alumni, faculty, staff, and students, listening to a jazz trio, and visiting resource booths during this social hour, 4:00-4:45 in the ECO Café.

Vote on the "People's Choice" Award for best poster, the winner of which gets a $50 Visa gift card.

Poster Session

Students will be giving poster presentations highlighting their research or STEM-focused initiatives on campus. Grab a mocktail and come see the great work being done by Lafayette students. This is a good way to learn about research opportunities!



Poster titles are on the following pages...

Poster Titles

Determining the prion propagating abilities of J-domain protein constructs in yeast
Presenter: **Bridget Corpus '24,** Biochemistry
Advisor: Dr. Justin Hines

Sex-specific effects of Apoe over-expression on a touchscreen-based sustained attention task in mice
Presenter: **Abigail Harr '25,** Neuroscience
Advisor: Dr. Henry Hallock

Applying thermal energy storage to residential air conditioning
Presenter: **Triniti DiSilvestro '24**, Integrated Engineering (Energy & Environment)
Advisor: Dr. Amy Van Asselt

The effect of sulforaphane on autism spectrum disorder behaviors in BTBR mice
Presenters: **Emma Craig '24, Sam Papalia '25,** and **Maddy Pompy '24,** Neuroscience
Advisor: Dr. Lisa Gabel

Poster Titles

The effect of state paid family leave on mental and physical health outcomes
Presenter: **Emily Tesbir '24**, Economics and Policy
Advisor: Dr. Susan Averett

Investigating the role of creativity in the design of environmentally sustainable solutions
Presenter: **Emily Mastroly '25**, Environmental Science/Engineering Studies
Advisor: Dr. Rohan Prabhu

The role of dielectric properties of biological substrates in the medical applications of dielectric barrier discharges
Presenter: **Jessica McDivitt '24**, Physics
Advisor: Dr. Sophia Gershman,
Princeton Plasma Physics Laboratory,