

SASCHA ISABEL KRAUSE

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|| EDUCATION ||

- UNIVERSITY OF WISCONSIN-MADISON | *Madison, WI*** *exp.* May 2026
Neurobiology, B.S. | Spanish, B.S. | Health Policy, Chicane & Latine Studies, Global Health, cert.
- UNIVERSITY OF SYDNEY | *New South Wales, Australia*** *exp.* December 2025
Neuroscience-based coursework including the diseased brain, neuroanatomy, neuropharmacology, perception & cognition.
- MÁXIMO NIVEL | *San José, Costa Rica*** *grad.* January 2024
Advanced Spanish immersion intensive that bolstered bilinguality and multicultural ethical medical expertise.

|| AWARDS & HONORS ||

- STEM Posse Fellowship Recipient | *United States National Posse Foundation*** 2021-2026
- Wisconsin International Scholarship | *University of Wisconsin-Madison*** 2022-2026
- Posse Summer Leadership Award | *New York Posse Foundation*** 2023, 2024
- DDEEA Global Scholar; Study Abroad Scholar | *University of Wisconsin-Madison*** 2023, 2024
- Lawless Louis and Mathea Helen Mollere Pre-Medicine Scholarship | *University of Wisconsin-Madison*** 2025
- Thomas W. Parker Scholarship | *University of Wisconsin-Madison*** 2025

|| VOLUNTEER & SERVICE ||

- Ambassador Supervisor, Stem Cell Donors Australia | *Sydney, NSW, Australia*** August 2025 – *PRESENT*
- Dreamers of Wisconsin | *Madison, WI*** January 2025 – May 2025
- Patient Provider Volunteer, UW Health | *Madison, WI*** September 2024 – January 2025
- Volunteer, Vetiver Grass Erosion Foundation | *Koh Samui, Thailand*** August 2023
- HOPE [Health Occupation & Profession Exploration] Mentor, UW Health | *Madison, WI*** October 2022 – May 2023
- OBGYN Ambassador, NYU Langone Obstetrics & Gynecology | *Manhattan, NY*** May 2022 – September 2022
- Youth Corps, Little Neck / Douglaston Ambulance Corps. | *Queens, NY*** May 2021 – June 2022

|| EXPERIENCE ||

- Research Assistant, Daffodil Centre | *Sydney, New South Wales, Australia*** August 2025 – *PRESENT*
• Served on the Triple-I [Innovation-Implementation-Impact] team at the Daffodil Centre, in collaboration with the Cancer Council, to complete cancer research in developing a text-message based program for those who have undergone treatment.
• Performed coding according to CFIR constructs, and other forms of qualitative research data analytics to optimize execution of the program, contributing to research that ensures the success of breast cancer survivors.
- Gender Inclusive Housing Resident Advisor, UW Residence Life | *Madison, WI*** August 2023 – May 2025
• Established a thriving environment and safe space for dormitory residents belonging to a marginalized community through hosting regular events, engaging in intentional interactions and developing building-wide security measures.
• Welcomed, and mentored residents in creating a successful college experience rich in new connections.
- Neurocritical Intensive Care Unit Lead Intern, NYU Langone Health | *Manhattan, NY*** July 2024 – August 2024
• Obtained 140+ hours of clinical experience through working in the Health Career Opportunities Program, HCOP.
• Shadowed on the ICU team amongst surgeons, neuro-intensivists, nurses and physician assistants for insight into successful patient care.
• Built a network of aspiring healthcare professionals through organizing events and representing peer HCOP interns.
- Undergraduate Plummer Scholar Plus [UPS+], Mayo Clinic | *Phoenix, AZ*** October 2023 – August 2024
• Engaged in the virtual academic year UPS program for medical school preparation through academic coaching, and mentorship.
• Upon acceptance to the summer UPS+ program in Arizona, clinically observed leading physicians serve patients in a diverse array of fields including otolaryngology, emergency and internal medicines, cardiology and vascular surgery.
- Research Delegate, Global Health: Obesity & Nutrition | *UN Headquarters, Vienna, Austria*** May 2024
• Performed and presented research that highlighted the disparities within obesity, most particularly the triple threats of malnutrition, to present on the correlation between overweight and poverty.
• Engaged with United Nations International Atomic Energy Agency [IAEA] to evaluate chemical interventions for diabetes including DEXA scans and isotopic hydrogen fluids.

|| RESEARCH ||

Lab Assistant, Child Emotion Lab – Seth Pollak | *Madison, Wisconsin*

January 2024 – May 2025

- Primarily investigated how both internal and external elements, such as facial expression or environment, influence how children perceive emotion, developed practical implications for educational systems and households.
- Generated multimedia stimuli for integration into Qualtrics, improving the survey design for efficiency.
- Facilitated experimental sessions with direct research subject interaction.

Lab Intern, Microbiology Department – Jomkwan Meerak | *Chiang Mai University, Thailand*

June 2023 – August 2023

- Designed and executed a series of antioxidant, antibacterial, and antimicrobial assays on seven different plant materials, in addition to conducting phylogenetic analyses on bacteria including *E. coli*.
- Effectively tested nutrient levels in Camu-Camu berry to formulate products for vitality and presented data. and began further development through cell culturing for testing the anti-cancer benefits of Camu-Camu.
- Research findings presented to peers and faculty at Chiang Mai University.

Data Analyst, Center for Health Disparities Research – UWSMPH | *Madison, WI*

November 2022 – April 2023

- Digitized the 1960's health census of the United States to homogenize wellbeing demographics for applications in future public health including advocacy for access to frequently depleted healthcare resources in rural areas.
- Collaborated with special software technology that performed necessary analytics for translating health disparities across groups.

|| INVOLVEMENT ||

POSSE FELLOW & MENTORSHIP [Division of Diversity, Equity & Educational Achievement] @ *UW-Madison*

- Serves as mentor in the “Bigs & Littles” program for assisting future generations of Posse Scholars in professional, academic and personal achievement.
- Advocates for accessible educational opportunities that lead to future success through representing Posse at national conferences, including as moderator of the 2024 Diversity Forum.

PALMA [Professional Association of Latinx Students for Medical School Access] @ *UW-Madison*

- Aids in establishing a network of fellow Latinx & majorly first-generation physicians for peer achievement and success as an underrepresented minority entering a career in healthcare.

|| SKILLS ||

LANGUAGE | English (*fluent*); Spanish (*fluent*); German (*conversational*)

LABORATORY | Micro pipetting, Well plating, Micro bacterial assays, Spectrophotometer usage, Cell culturing, Coding