

Lorelei Santa Maria

lorsm@stanford.edu | P.O. Box 1708 | Burbank, CA 91507 | (818) 726-2384

EDUCATION

Stanford University

Palo Alto, CA

School of Humanities and Sciences

June 2026 (expected)

- Candidate for Bachelor of Science in Human Biology with a concentration in Pediatric Health, Development, and Cognition

School of Medicine

- Candidate for Master of Science (M.S.) in Community Health and Prevention Research (CHPR)

SKILLS

- **Research & Scientific Acumen:** Award-winning scientist with international journal publications from Psychology research; Conducted diverse scientific research projects and investigations; Presented scientific findings at prestigious events and science fairs
- **Creative & Artistic Endeavors:** Actively engaged in acting with the Stanford Shakespeare Acting Company; Contributed as an editor to a Christian magazine, *Vox Clara*; Published poetry and engaged in creative writing
- **Healthcare & Emergency Response:** Certified in Basic Life Support and emergency medical procedures; Served as a First Responder and Medic at various events; Currently completing Emergency Medical Technician Training with the State of California (in progress); QPR Trained
- **Versatility & Adaptability:** Engaged in multiple extracurricular activities simultaneously; Demonstrated adaptability by creating and commanding virtual programs during the pandemic

EXPERIENCE

Undergraduate Researcher | Stanford, CA

Winter 2022 - Autumn 2023

Stanford Synapse - Undergraduate Research Group

- Orchestrated comprehensive data collection and extraction procedures.
- Conducted surveys among hundreds of undergraduate students to gather pertinent information.
- Utilized the programming language R to design experimental frameworks and meticulously analyze resulting data sets

Lab Member | Stanford, CA

Spring 2023 - Winter 2024

Kalbasi Radiology Oncology Lab

- Applied advanced radiotherapy techniques (IMRT, SBRT, IGRT) for precise cancer treatment and analyzed complex data sets to assess treatment response
- Collaborated with multidisciplinary teams to develop innovative approaches, contributing to research publications and presentations in scientific forums
- Ensured adherence to safety protocols and quality assurance standards while continuously enhancing skills in advanced radiotherapy methodologies and technologies

Well Being Companion | Stanford, CA

Autumn 2023 - Spring 2024

Sonar Mental Health

- Proactively engage with young individuals (ages 12-17) and their families via texting, offering support and guidance
- Respond to distress signals identified by machine learning models and initiate check-ins based on user preferences
- Handle inbound requests from users, providing empathetic and non-clinical support akin to a supportive friend/guide
- Contribute to the improvement of Sonar's conversational design principles as a young start-up
- Ensure strict adherence to Sonar policies, maintaining confidentiality in all interactions.

Event Staff Lead | Stanford, CA**Autumn 2024 - Present***Stanford Memorial Church*

- Coordinate and execute diverse events including weddings, memorial services, and religious ceremonies
- Manage event logistics, prepare venue space, and ensure cleanliness for all occasions
- Provide visitor services including seating assistance, ticket-taking, and information guidance
- Maintain safety protocols, monitor crowd flow, and manage venue capacity limits
- Collaborate with other departments to preserve and operate Stanford's architectural crown jewel

Lab Member | Stanford, CA**Spring 2024 - Present***Baumer Pediatric Neurology Lab*

- Applied cutting-edge radiotherapy techniques like IMRT, SBRT, and IGRT for precise cancer treatment.
- Analyzed treatment response using complex data sets, contributing to treatment assessment.
- Collaborated with multidisciplinary teams to develop innovative radiotherapy approaches.
- Contributed to research publications and presentations in reputable scientific forums.
- Ensured adherence to strict safety protocols and quality assurance standards.
- Pursued continuous learning, enhancing skills in advanced radiotherapy methodologies and technologies.

2LT, Mountaineering Unit Lead | San Luis Obispo, CA**Autumn 2021 - Present***California National Guard, California Cadet Corps*

- Serve as a Commandant in the California National Guard Youth Programs, mentoring and guiding at-risk youth ages 13+ in a structured, military-style environment
- Lead the Mountaineering Unit, teaching cadets basic military mountaineering skills, fostering physical fitness, and building self-confidence
- Implement core program components including leadership development, academic excellence, life coping skills, and responsible citizenship
- Facilitate personal growth and transformation in cadets through hands-on training, team-building exercises, and community service projects
- Leverage personal experience as a former cadet to provide authentic mentorship and inspire positive change in underserved youth across California

Babysitter | Palo Alto, CA**Autumn 2021 - Present**

- Provide year-round childcare for three families, ensuring a safe, nurturing, and structured environment.
- Plan and supervise engaging activities that promote creativity, learning, and positive social interactions.
- Assist with homework, meal preparation, and bedtime routines, fostering a consistent and supportive atmosphere.
- Communicate effectively with parents to tailor care to each child's developmental needs.
- Certified in Basic Life Support (BLS), ensuring the ability to respond to emergencies confidently.

Nanny | Palo Alto, CA**Autumn 2025 - Present**

- Provided daily care for two children (ages 4.5 and 2), ensuring safety, healthy routines, and age-appropriate developmental support.
- Designed and implemented educational play activities (early literacy, counting games, creative arts) to encourage cognitive and language growth.
- Supported motor skill development through structured play, outdoor activities, and hands-on learning.
- Guided emotional regulation and social skills by modeling positive behavior, introducing sharing/turn-taking, and facilitating conflict resolution.
- Maintained consistent communication with parents, tracking milestones, daily routines, and health or behavioral changes.
- Balanced individualized attention with sibling dynamics, fostering both independence and collaboration.

OTHER EXPERIENCE**The Bridge Peer Counseling Center****Winter 2022 - Present**

- Volunteering and Role: Volunteer 3 hours weekly at Stanford's Mental Health Peer Support Hotline. Also serves as the Publicity and Outreach Coordinator for The Bridge Peer Counseling Center.
- Guiding Principles: Belief in individuals' innate ability to support each other through personal interaction. Offer peer

counseling to help individuals explore feelings, sort out issues, and find their own solutions.

- Supportive Listening and Assistance: Provide a safe space for individuals to talk about concerns and uncertainties. Guide individuals seeking help through supportive conversations, fostering personal problem-solving.
- QPR Training

Chi Alpha Christian Fellowship & Life Group Leadership

Autumn 2022 - Present

- Lead a close-knit Life Group within Chi Alpha Christian Fellowship, meeting every Friday.
- Create a supportive and inclusive environment for open discussions and connections.
- Provide personalized guidance and support to peers navigating life challenges.
- Foster personal growth, empowerment, and spiritual exploration within the group.
- Build deep and meaningful relationships while encouraging faith-centered discussions.

Synapse Peer Support Group

Autumn 2022 - Present

- Vice President Responsibilities: Coordinate bi-weekly meetings discussing brain injuries, symptoms, and recovery; Organize sessions with expert speakers, sharing the latest research findings; Provide updated research insights for members' support and understanding.
- Facilitating a Supportive Atmosphere: Foster genuine conversations and emotional support during meetings; Contribute by baking to create a comforting and caring environment;
- Building Meaningful Connections: Forge deep friendships with older members, extending support outside meetings; Engage in personal discussions

Kids with Dreams Buddy Program

Autumn 2022 - Present

- Personal Connection: Partnered with a child diagnosed with autism through the program. Built a bond based on companionship, understanding, and support.
- Tailored Support: Provided tailored support, creating a safe and nurturing environment. Engaged in activities that encouraged growth and celebrated achievements.
- Lasting Friendship: Formed a lasting friendship beyond the program's scope. Experienced personal enrichment through this impactful partnership.