

Noah Maltzman

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BS/MS Candidate in Biology (expected graduation 2026). Currently a coterminal masters student in Biology at Stanford University with a focus in biochemistry and biophysics. Also completing minors in German Studies and Classics. Mainly interested in drug-host interactions and building therapeutics. Pursuing an MD.

Experience

September 2025 – Present

Teaching Assistant | BIO 45: Introduction to Laboratory Research in Cell and Molecular Biology – Stanford University Department of Biology | Stanford, CA

One of two teaching assistants (TAs) for BIO 45: Introduction to Laboratory Research in Cell and Molecular Biology. Lead a lab section of 21 students in molecular biology lab classes, performing experiments such as activity assays, yeast transformations, western blots, etc. Help with interpreting data generated for student-led projects. Responsible for grading all homework assignments, final projects, and tests as well as hosting office hours for students.

June 2025 – August 2025

Teaching Assistant | BIO 30S: The Molecular Basis of Disease – Stanford Summer Session | Stanford, CA

Sole teaching assistant for BIO 30S: The Molecular Basis of Disease. Responsible for grading class work, projects, and giving out final grades. Held office hours for 1.5 hrs/week as well as helping during class time. Helped in organizing materials for the class and making slides and in-class activities for lectures.

January 2024 – May 2025

Undergraduate Researcher | Bertozzi Group – Stanford University Department of Chemistry, ChEM-H, HHMI | Stanford, CA

Developing a more specific IgA protease to combat IgA nephropathy. Project responsibilities include: plasmid and protein design, bacterial transformation, solvent elution, NiNTA agarose elution, western blotting, bacterial and human B-cell culture, and mass spectroscopy.

May 2024 – May 2025

Parliamentarian | Associated Students of Stanford University – Undergraduate Senate | Stanford, CA

Officer of the 26th Undergraduate Senate (UGS), as elected by my peers. Roles include enforcing rules and regulations in senate meetings, organizing legislative records within the student body governing bodies, holding office hours for constituents, and providing instruction and information on ambiguous rulings to ultimately continue meetings. Was also a member of the appropriations committee, political action committee, and health and safety committee.

June 2024 – September 2024

Medical Assistant (*Famulatur*) | Krupp Praktikum & Sana Klinikum Lichtenberg – Kardiologie | Berlin, Germany

German medical intern in the cardiology department of Sana Klinikum Lichtenberg under Prof. Dr. med Fabian Knebel. Responsibilities included daily blood draws and IV set-ups for patients, weekly classes discussing different medical procedures, charting and logging data from different patients according to individual medical needs, explanation of different procedures to specific patients, and translating between German, Russian, and English.

April 2022 – September 2023

Undergraduate Researcher | Peter Yang Group – Stanford University School of Medicine Department of Orthopedic Surgery | Stanford, CA

Conducted research to create synthetic vessel grafts for bone repair due to osteoporosis. Developed and fine-tuned synthesis protocol for synthetic polyurethane and tested for biocompatibility. Conducted mechanical testing of vessel grafts. Helped mentor new undergraduates and high school students and orient them within the Stanford system.

Skills

Proficient in microsoft office • Proficient in R and Python • Team player • Excellent time management skills • Conflict management • Public speaking • Data analytics

Certifications

BLS (AHA, 2025) • Working with Minors (Stanford, 2025) • Chemical Laboratory Safety (Stanford, 2024) • Life Sciences Safety Training (Stanford, 2024)

Languages

English (native), Hebrew (working fluency), German (working fluency), Russian (elementary proficiency)

Education

June 2026

Bachelor of Sciences in Biology | Stanford University | Stanford, CA

3.7 GPA • Former Desk Editor for Stanford Daily Sports Section (volumes 262-263) • Chabad board president (2024/25) • Executive Board Member, Alpha Epsilon Pi

fraternity (2022/23) • Diversity Chair, Asha at Stanford (2023-25) • Volunteer care taker at Peninsula Volunteers Inc. Rosener House (2025-)

June 2026

Masters of Sciences in Biology | Stanford University | Stanford, CA

4.1 GPA