MOSISA SABA

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EDUCATION

University of Southern California — Los Angeles, CA
B.A. Health and Human Sciences, Pre-Medicine — *Aug 2023 to May 2027*
- Dean's Award for Academic Excellence (2024 to 2026); USC Merit Scholar

Keck School of Medicine of USC — Los Angeles, CA
M.S. Narrative Medicine, Progressive Degree Program (concurrent with B.A.) — *Expected May 2027*

RESEARCH

The Narrative Fidelity Framework: A Preregistered Stress Test of Patient-Narrative Measures — Sep 2026
Sole Author, Synic AI. Preprint, Zenodo (DOI 10.5281/zenodo.22801787) — *Los Angeles, CA*
- Preregistered test of whether AI clinical notes keep what patients say (536 encounters, 21,902 patient turns, three public corpora); detector precision fell from 94% on author-written fixtures to 8% on independent data.
- Found only *stated worry* reproduced across all corpora (α = .68 to .87). Abstract accepted at the inaugural UNESCO Chair on Health, Race and Human Rights Global Congress (Feb 2027).

Scoping Review: Healthcare Tasks Performed by Unpaid Family Caregivers — Jun 2026 to Present
Lead Author, in collaboration with USC Norris Medical Library — *Los Angeles, CA*
- Mapping healthcare tasks done by unpaid family caregivers of adults 65+ at home (PCC protocol, PRISMA-ScR).
- Translated the search across MEDLINE, CINAHL, Embase, and grey literature, validated against a gold set; coordinating peer review of the strategy with a Norris Medical Library informationist.

EXPERIENCE

Synic AI — Remote
Founder — *Feb 2025 to Present*
- Built an end-to-end clinical workflow for solo and small-clinic physicians: ambient scribing, ICD-10/CPT/HCPCS coding with rationale, prior authorization with denial-risk flags, and CMS/QPP quality reporting. An earlier version was piloted by 8 physicians (800+ notes).
- Integrated the clinical coding and documentation agents of Corti (ISO/IEC 27001 and ISO 42001 certified) through its startup program, reaching 78% exact-match coding on a 121-encounter synthetic benchmark versus 52% for the prior pipeline.
- Launched Synic Evidence, a free public tool that answers plain-language health questions from live PubMed, PMC, FDA drug labels, and ClinicalTrials.gov, citing every sentence and verifying it against its source.
- Launched Synic Dental (insurance narratives, predeterminations, appeals) and Synic Relay (care continuity for I/DD families).
- Architected the stack in React, TypeScript, Node.js, and PostgreSQL; migrated production to HIPAA-eligible AWS with BAAs signed with Anthropic, OpenAI, xAI, Corti, and AWS.

Oregon Department of Human Services and Breathe Easy Ventilator — Beaverton, OR
Caregiver, Special Needs and Ventilator-Dependent Patients — *Dec 2022 to Aug 2024*
- Daily living assistance and medication administration for 5–7 patients per week, including ventilator-dependent adults.

Association of American Medical Colleges — Seattle, WA
SHPEP Public Health Scholar, University of Washington — *Jun 2024 to Aug 2024*
- Eight-week public health intensive with rotations at Fred Hutchinson, King County Public Health, and Harborview.

Australasian Society for HIV, Viral Hepatitis and Sexual Health — Remote
Policy and Advocacy Extern (virtual job simulation) — *Feb 2025 to May 2025*
- Drafted a policy strategy, stakeholder map, and an abstract for the Australasian Viral Hepatitis Conference.

PROJECTS

Truvace Founder and editor of a public record of AI's real-world benefits and harms across nine sectors, with a daily company impact index.

Continuum ACL Caregiver AI Prize Challenge submission separating care logic from the interface.

USC AEE Hydropower Team Community Connection Team Lead (Policy and Outreach), pumped-storage project in Kern County. National finalist; won the People's Award and Best Poster, 2026 U.S. DOE Hydropower Collegiate Competition, Green Bay, WI.

SKILLS AND CERTIFICATIONS

Clinical: Patient monitoring, medication administration, care plan documentation, home and ventilator care, spectrophotometry.

Research: Preregistration, scoping and systematic review methods, PRISMA-ScR, search translation, Covidence, Zotero.

Technical: React, TypeScript, Node.js, PostgreSQL, Python, AWS, retrieval-augmented generation, LLM evaluation, Git.

Languages: English and Oromiffa (fluent), Amharic and Spanish (intermediate).

Certifications: CITI Research HIPAA and Social-Behavioral Human Subjects (2026); Anthropic AI Fluency: AI Capabilities and Limitations (2026); Stanford Medicine AI in Healthcare (2025); AHA First Aid/CPR/AED; ACS STOP THE BLEED; Oregon DHS Adult Foster Care Training.

LEADERSHIP AND SERVICE

Justice In Motion, Healthcare Justice Chair. Organized the Empowered Voices workshop for underrepresented students in law and health. Member of **Global Medical Brigades**, **Brothers Breaking Bread**, and the **East African Student Association**.