

Chaturvedi Ganguru

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EDUCATION

University of South Carolina Honors College, Columbia, SC
B.S Neuroscience || Minor: Business Administration

May 2026 || GPA: 4.00

AWARDS

- 6x Presidential Scholar (Spring 23'-Fall 25')
- Honors College SURF Grant (Summer 24' – Spring 25'): Awarded \$3000 grant to investigate variation in lexical narrative ability across aphasia subtypes compared to healthy controls
- 1st place at 2025 Discover USC conference for researching Associations of Sedentary Activity Types on Cognition in Older African American Adults

VOLUNTEERING/HEALTHCARE EXPERIENCE

Finding your Future Student Intern, USC School of Medicine, Columbia SC

Jun 2025

- Selected for a competitive 4-week clinical shadowing program at Prisma Health–Midlands, rotating through Family Medicine, Internal Medicine, OB/GYN, Pediatrics, Psychiatry, and Surgery with full-day physician shadowing focused on patient care, procedures, and clinical decision-making.

Prisma Health Baptist, Personal Touch Volunteer, Columbia SC

Apr 2023-Sept 2025

- Spent 300+ hours packaging patient belonging bags, preparing beds, transporting scopes for cleaning, answering patient phones, and filing telemetry reports in the ICU/IICU/Endoscopy/Medical Telemetry Units.

Good Samaritan Clinic, Clinical Volunteer, Columbia SC

Jan 2026- Present

- Engage in taking patient history, charting, answering phone calls, triaging patients, measuring blood sugar and blood pressure at a medical clinic that serves uninsured and low-income patients

PACES Summer Program, Team Lead, Columbia, SC

Summer 23',24',25'

- Supported a 3-day pre-health orientation with the Office of Pre-Professional Advising by leading team-building activities, coordinating a panel with USC School of Medicine admissions and healthcare professionals, and sharing campus resources and personal experiences to prepare incoming pre-health students.

WORK EXPERIENCE

Supplemental Instruction Leader | Student Success Center, University of South Carolina

Jan 2024-Present

- Host three review sessions per week (10–15 students per session) for historically difficult 300+ student organic chemistry courses
- Design study plans, concept maps, and practice problems to reinforce course material and exam preparation.
- Organize and conduct comprehensive exam reviews in coordination with professors and teaching assistants to address high-yield and historically challenging topics.

Undergraduate Research Assistant | Neuro Syntax Lab, University of South Carolina, Columbia, SC Apr 2023 – Present

- Independently conducted Core Lexicon and Main Concept Analyses on Cinderella story narratives from 100 POLAR study participants to generate standardized measures of lexical retrieval and narrative structure.
- Managed and analyzed large linguistic datasets using Excel, R, and JASP, performing statistical analyses to quantify core word production rates and compare discourse performance across aphasia subtypes.

Undergraduate Research Assistant | ECHO Lab, University of South Carolina, Columbia, SC

Apr 2023-Present

- Conduct comprehensive phone and in-person screenings for NIH-funded cognitive aging studies (SPARC & PACO), evaluating medical history, physical activity levels, and cognitive eligibility criteria.
- Lead mindful walking interventions for older adults, including African American participants in AAMP, fostering engagement while supporting research on physical activity and brain health.

- Administer standardized cognitive assessments and collect high-quality behavioral data, ensuring protocol adherence and participant confidentiality.

Career Studio Peer Educator | Career Center, University of South Carolina, Columbia, SC *Aug 2024-Oct 2025*

- Advise 10-15 Pre-med, Pre-Dental, and Pre-health students weekly on academic planning, experiential requirements, and competitive application strategies, supporting their preparation for professional school
- Lead workshops that cover how to craft resumes CV's, cover letters and equip students with tools to secure internship opportunities collaborating with various student organizations
- Provide individualized career coaching, assisting students with internship searches, job applications, and professional development using Handshake and other career platforms.

Math Instructor | Mathnasium, Lexington, SC *Feb 2023 – Jun 2024*

- Instructed personalized assessment curriculum and small-group math instruction to 40+ students daily adapting teaching strategies to accommodate varying skill levels and learning styles.
- Supported students with coursework, homework, and standardized test preparation (SAT, ACT, WorkKeys), reinforcing foundational concepts and problem-solving skills.

ORGANIZATIONS & LEADERSHIP

Aspiring Pre-Health Student Mentorship Initiative (APSMI) , University of South Carolina

President (August 25'-Present)

Vice President (August 24' - May 25')

- Organize 4–6 local high school visits per semester in partnership with counselors and HOSA advisors inform students about various pre-health career pathways.
- Lead presentations to approximately 50 students per visit alongside 6–8 organization members, providing guidance on strategies to strengthen future graduate and professional school applications

Prescription Partners, University of South Carolina

Treasurer (August 24' - Present)

Member (August 23'-Present)

- Collaborate with Prisma Health Midlands Foundation to provide financial assistance for patients unable to afford prescribed medications, supporting access to essential care.
- Oversee funds generated from four fundraisers per semester, collect and track donations, coordinate event planning with fundraising leads, and ensure fund are given to the team timely.

South Carolina Honors College Peer Mentor Program, University of South Carolina

Communications Coordinator (Fall 25'-Present)

Peer Mentor (Fall 23'-Present)

- Manage the program's social platforms, designing graphics for recruitment and events, publishing announcements through Honors newsletter/GroupMe.
- Providing guidance on academic planning and campus resources while maintaining consistent communication through biweekly check-ins for first year Honors students

SKILLS/CERTIFICATIONS

- **Technical Skills:** EPIC/Practice Fusion, Medical Terminology, 75 WPM, R/JASP, Microsoft Excel,
- **Certifications:** BLS, MOCA, BACE(Biotechnology Aptitude and Competency Exam)
- **Language Fluency:** Advanced: English, Telugu Hindi | Intermediate: Spanish

CONFERENCE PRESENTATIONS/POSTERS

- **Ganguru, C., Khalil, L. F.** *Effects of Sedentary Activities on the Cognition of Older African American Adults.* Discover USC Conference, University of South Carolina, Columbia, SC, April 2025
- Khalil, L. F., Ganguru, C. *Socioeconomic Status and Risk Factors of Cognitive Decline in a Study Sample of African American Older Adults.* Discover USC Conference, University of South Carolina, Columbia, SC, April 2025.

