

Cameron Persaud

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EDUCATION

Stony Brook University

Masters of Science in Neuroscience

Stony Brook, NY

May 2029

Stony Brook University

Bachelor of Science in Biology Concentration in Neuroscience

Stony Brook, NY

December 2026

St. John's University's Honor College

Dean's List, 2 Semesters

Queens, NY

Freshman Year Completed

Adelphi University

Clinical Medical Assistant Course

Garden City, NY

January 2026

Publications and Presentations

- Rusatira JC, Novoa MD, Uwimana JB, Persaud C, Pal E, et al. (2026) Nearly one in five essential medicines fail quality standards in Africa: A systematic review and meta-analysis of MNCH medicines and antimalarials. PLOS Global Public Health 6(9): e0006326. <https://doi.org/10.1371/journal.pgph.0006326>.
- Persaud C. The Creation of Memories. 2026 Beauty in Life Show at Khôra Gallery. July 22, 2026; Stony Brook University.
- Persaud C, Li M, Zheng E. MindPiece Initiative. Mission:Brain Global Neurosurgery Hackathon. June 21, 2026; Online.
- Persaud C, Li M, Gao C, Leung J, Zheng E. Wolfie Run: Rehabilitation for Occipital Infarction Patients. 3rd Annual Healthcare Innovation Challenge. April 25th, 2026; Stony Brook University.
- Donnelly BM, Stark KG, Persaud CJ, D'Amico RS, Davidoff CI. Optimizing post-acute care inpatient rehabilitation for patients with brain metastasis: A systematic review of functional outcomes. Support Care Cancer. 2025 Apr 25;33(5):418. doi: 10.1007/s00520-025-09468-9. PMID: 40278896.
- Brianna Donnelly, Katherine Stark, Cameron Persaud, Randy D'Amico, Chanel Davidoff: Enhancing Rehabilitation Outcomes in Brain Metastases Patients: A Review of Challenges, Current Practices, and Future Directions. *Presented as a Printed Poster at CNS 2024 in Houston, Texas.*

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Research and Laboratory Experience

Stony Brook University Department of Neurobiology and Behavior | Dr. Shaoyu Ge

Stony Brook, New York

Research Assistant

May 2026 – Current

- Project: Understanding Neurogenesis in the Dentate Gyrus; Designing a Microfluidic Pump for CSF Drug Delivery; Multifocal Stimulation of the Dura Mater.

Johns Hopkins Bloomberg School of Public Health | Dr. Saifuddin Ahmed

Baltimore, Maryland

Research Assistant

July 2025 – Current

- Project: Burden and Effects of Substandard and Falsified Medicines Exposures (BE SAFE): Quantifying the Burden of Substandard and Falsified Medicines and Their Impact on Maternal, Newborn, Child Nutrition & Health (MNCNH) and Malaria; Quantifying the number of Illegal Online Pharmacies Selling GLP-1 Drugs
- Managed AV for the conference, created social media resources, and registered guests for the BESAFE Conference (2025 and 2026)

Johns Hopkins School of Medicine | Dr. Henry Michtalik

Baltimore, Maryland

Research Assistant

June 2025 – December 2025

- Project: Systematic review of the effect of race on health outcomes in US-based adult patients hospitalized with COVID-19

Stony Brook Medicine | Pharmacology Department | Dr. Dongyan Tan

Stony Brook, New York

Student Researcher

June 2024 – October 2025

- Project: The purification and activity of CHD1 with macroH2A
- Grew bacterial cell cultures, Nucleosome reconstruction, Performed activity assays, Purified histone proteins via FPLC, Running gel electrophoresis

Stony Brook Medicine | Pharmacology Department

Stony Brook, New York

Laboratory Assistant

June 2024 – June 2025

- Verified Operability of Equipment
- Consolidated Chemicals
- Organized Glassware

Lenox Hill Hospital | Neurosurgery Department | Dr. Randy D'Amico

New York City, New York

Research Assistant

January 2024 – February 2025

- Project: Optimizing post-acute care inpatient rehabilitation for patients with brain metastasis
- Data collection of Metastatic Patients Statistics
- Wrote on the historical impact of rehabilitation post surgery for Brain and Spinal Metastatic Patients

Healthcare Experience

Stony Brook Medicine Emergency Department | Academic Associates | Dr. Brian McMahon

Stony Brook, New York

Student Researcher

September 2025 – May 2026

- Collect patient consent for ongoing studies
- Assess patient eligibility for studies
- Educate patients on the nature of the study and their involvement

Johns Hopkins School of Medicine | SHARP | Dr. Henry Michtalik

Baltimore, Maryland

Summer Hospitalist Academic Research Program Intern

June 2025 – August 2025

- Shadowed different departments and procedures: rounding, triage, paracentesis, lumbar puncture, and dobhoff nasogastric (NG) tube placement
- HIPAA and IRB trained

Stony Brook Hospital Stony Brook | Pathways to Healthcare Externship

Stony Brook, New York

Intern

September 2024 – May 2025

- Learned basic First-Aid, exposure to the hospital setting and safety procedures (HIPAA trained)
- Attended informational healthcare professionals' panels from various clinical units at Stony Brook Hospital
- Participated in medical training in Cadaver Labs, learned clinical procedures such as stitching and cast treatments
- Developed basic skills through lab simulations, case study discussions, research, guest presentations

Lenox Hill Hospital | Neurosurgery Department

New York City, New York

Shadowing

January – February 2024

- Shadowed under the Neurosurgical department
- Observed different surgical procedures: craniotomies, aneurysm clippings, and laminectomies
- Learned from various surgical staff who are experts in their field: Scrub Nurses, RNs, PAs, Surgeons

Leadership and Academic Engagement

Oncology Society Inc.

New York City, New York

Founder & CEO

August 2025 – Current

- Oversee all operations of Oncology Society such as membership engagement and event logistics for steady expansion
- Expanded Oncology Society by creating local chapters in universities (Stony Brook and Princeton established)
- Conducted research and analysis of similar organizations to create niche and customized event ideas

Oncology Society at Stony Brook University

Stony Brook University

Founder & President

September 2024 – May 2026

- Discussed the importance of oncological research in medicine
- Connected students with resources for research
- Taught students laboratory techniques

Stony Brook University | CSTEP

Stony Brook, New York

AP Chemistry & NYS Regents Chemistry Instructor

March 2024 – May 2026

- Created lesson plans and presentation slides for each topic on the AP Chemistry Exam
- Provided a class of students with resources for practice material improving their test taking skills
- Inculcated students with content through weekly Zoom sessions and practice tests
- Assessed students on their strengths and weaknesses in their knowledge test taking skills

Senior Resident Hall Honorary | NRHH

Stony Brook, New York

Senior Vice President & Vice President of External Affairs

September 2023 – January 2025

- National and Regional Representative of Stony Brook University in NEACURH (North East Affiliate of College and University Residence Halls)
- Actively Recruited new members
- Organized Induction Ceremony
- Managed Club Outreach

Membership: Society for Neuroscience, American Society of Biochemistry and Molecular Biology, and Gerontological Society of America

Club membership: Department of Society and Technology - CSTEP, Pre-Med Society, Minority Association of Pre-Health Students, Neuroscience Axis, Mentors in Medicine, Chess Club, Institute of Electrical and Electronics Engineers - IEEE, Fencing Club, Robotics Team at Stony Brook.

Digital Media and Engagement

Stony Brook Medicine Emergency Department

Stony Brook, New York

Media Technician

September 2025 – December 2025

- Implemented 90% of total surveys' data into the restructuring of the SBUED main website.
- Created Quanimatrix surveys to obtain data of IRB studies and preferences for the website.

Volunteering

Stony Brook University | Biomedical Engineering

Stony Brook, New York

Research Mentor

April 2026 – Current

- Teach students how to design and program circuits used in biomedical applications
- Prepare the students to present poster research at Stony Brook University VIP research symposium

Benjamin N. Cardozo High School | Team 5599 - Sentinels

Queens, New York

FIRST Robotics Mentor

May 2022 – May 2025

- Educate the students on the team on how to build the robot.
- Aiding students in their development of deduction in troubleshooting the robot's design, code, and structure

Awards

Organizer's Choice Award | Mission Brain Neurosurgery Hackathon

June 2026

- Developed and presented a novel global health initiative addressing traumatic brain injuries in low-income countries, competing among 99 teams and receiving positive recognition for its innovative design.

CSTEP Research Award | CSTEP Stony Brook

May 2026

- This award is presented to the top 0.2% of students for outstanding performance and knowledge in scientific research. Conducted research with Johns Hopkins School of Medicine, Johns Hopkins Bloomberg School of Public Health, Stony Brook Medicine, and was published with Lenox Hill Hospital's Department of Neurosurgery.

Internship Equity Fund | Finalist and Recipient | Stony Brook University

November 2025

- This is a competitive fund that offers financial support to undergraduate students participating in internship and research experiences.

Upstander Award | Center of Prevention and Outreach (CPO) | Stony Brook University

October 2025

- Students who are recipients of this award have gone above and beyond by training to protect their peers. The trainings required to grant a student of this honor are Green Dot: participants learn how to recognize risky or potentially violent situations and practice skills and strategies for intervening to prevent or address what's happening, QPR: how to recognize the signs that someone is communicating suicidality and connect them to mental health resources, Red Watch Band recognize the signs of an alcohol overdose, naran opioid overdose prevention and how to call for help, and CPR training.

Civically Engaged Seawolf Award | Stony Brook University

May 2024

- Award is presented to individuals who took the effort to become more educated about democratic processes
- Student demonstrated extensive knowledge of democratic procedures and took further action to engage with them

Outstanding Leadership and Service Pin | National Residence Hall Honorary

April 2024

- This pin is the highest individual honor an NRHH Chapter can award to its members. The pin shall be awarded to NRHH Members that have provided outstanding leadership and service to their NRHH Chapter

Silver Leaf Award | National Residence Hall Honorary

March 2024

- Presented and awarded by the Regional Director
- Award recognizes efforts and talents that went above other individuals in the joint board meetings

Certificates

National Council for Mental Wellbeing | Mental Health First Aid for Higher Education

February 2026

Johns Hopkins University | Fundamental Neuroscience for Neuroimaging

July 2025

Lenox Hill Hospital | Neurosurgery Department | Braininterns

July 2023 – July 2025

CITI Program | Human Subject Research - Biomedical Research

June 2025

CITI Program | Researchers

June 2025

Life Arc | Life Sciences: Biology Research Job Simulation

October 2024

American Heart Association | Heartsaver CPR & AED

February 2024

American College of Surgeons | Stop the Bleed course

February 2024

Skills

Epigenetics

- Fast Protein Liquid Chromatography (FPLC) Purification; Mini Prep, Gel Electrophoresis, Autoclave, Agarose, Native, SDS Gels, Agar Plates, PCR, RT-qPCR, Western Blot, Nanodrop, Restriction Enzyme Digest Protocol, Making LB, Cell Counting, Splitting Cells, Cells Lysis, Cell Transformation, Bacmid Creation, Plasmid Design, Cloning, Insect Cell Culture, Nucleosome Reconstitution, Dimer and Tetramer Reconstitution, His-tagged Ubiquitin Purification, Nickel Column Purification, and AlphaFold.

Neuroscience

- Craniotomy, Burr Hole, Cisterna Magna and lambda Infusions, Viral Injections, Electrode Implantations, (mice-models), Cryosectioning, Confocal Fluorescent Microscopy, Stereology

Public Health and Healthcare

- Literature Review, Manuscript Writing, Data Extraction, Proficient in Covidence;
- Programming Languages: Java, Arduino, Python, C++;
- Proficient in REDCap, Microsoft Office, Google Workspace