

SAMANTHA BROVERMAN

ABOUT

Student researcher and advocate combining hands-on clinical research with student-led mental health initiatives. Balances competitive athletics and debate with a growing body of published-track scientific work in dementia diagnostics and antimicrobial resistance.

RESEARCH EXPERIENCE

Research Assistant

R-Care Study, Albert Einstein College of Medicine

- Recruit study participants for a clinical study investigating remote diagnosis of dementia
- Serve as a direct point of contact for dementia patients and their families throughout the recruitment process

Student Researcher

Antimicrobial Resistance in Bloodstream Infections

Mentors: Dr. Sarah Hochman (NYU), Dr. Kalpana Gupta (BU)

- Conduct a logistic regression analysis examining how prior antibiotic use influences future resistance in bloodstream infection treatment
- Utilize a dataset collected by Stanford Healthcare in partnership with a research co-author
- Preparing to submit findings to the Terra science fair and present at the SHEA (Society for Healthcare Epidemiology of America) conference; manuscript in preparation with faculty mentors

LEADERSHIP & ACTIVITIES

Founder and President, Women in Medicine Club

- Lead bi-weekly meetings educating future female physicians on medical specialties including cardiology, neurology, and pulmonology
- Organized 20+ volunteers for American Lung Association charity walks
- Manage bi-weekly youth outreach content on Instagram

Founder, Student-Led Mental Health Council

- Founded the council through the Borough Student Advisory Council (BSAC), serving as ambassador to monthly meetings with students across Staten Island high schools; secured \$500,000 from the Staten Island Borough President to update the school's PA system
- Advised by two social workers on the Brooklyn/Staten Island crisis team
- Coordinating a school "zen room," Mental Health Awareness Month programming, bi-weekly open meetings, and monthly segments on morning announcements
- Expanding the initiative to partner schools beyond her own

Sophomore Delegate and Junior Representative,

Student Government

- Represented classmates' interests and voiced student concerns in school-wide decision-making and planning

Junior Varsity Debate Team, Urban Debate League

- Competed in 5+ tournaments, earning multiple speaker and team awards

Varsity Soccer Team

- Balanced a rigorous training and competition schedule with academic and extracurricular commitments as part of the school's varsity roster

Volunteer Referee and EPIC Program Buddy, AYSO

- Refereed youth soccer games and served as a volunteer buddy for children with disabilities, 1.5 hours/week over a 10-week season



CONTACT

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EDUCATION

[HIGH SCHOOL NAME] — [CITY, STATE] CLASS OF [YEAR]

- GPA: x.x / x.x
- Relevant coursework:

ADDITIONAL EXPERIENCE

- Hospital Volunteer, Staten Island University Hospital (Fall; upcoming)
- Shadowing, Pediatrician — 5 hrs/week for 5 weeks (freshman summer)
- Intern, Brooklyn Bridge Builders (BKBB) — canvassed for a city council candidate during elections (freshman summer)
- Participant, Girls Who Code Pathways Program (freshman summer)

SKILLS & INTERESTS

- Clinical research methodology, logistic regression analysis, public speaking, community organizing, mental health advocacy, competitive debate, soccer