## SOPHIA C. GARBARINO, MPH, CHES®

Curriculum Vitae

PhD Student

Department of Behavioral, Social, and Health Education Sciences Rollins School of Public Health at Emory University 1518 Clifton Road NE Atlanta, GA 30322

sophia.garbarino@emory.edu | LinkedIn | Emory Webpage

### **EDUCATION**

#### 2024-Present Doctor of Philosophy (PhD) in Behavioral, Social, and Health Education Sciences

Emory University, Rollins School of Public Health

Department of Behavioral, Social, and Health Education Sciences

Advisor: Jessica Sales, PhD

# 2022-24 *Master of Public Health (MPH)* in Behavioral, Social, and Health Education Sciences *Certificate* in Maternal and Child Health

Emory University, Rollins School of Public Health

Department of Behavioral, Social, and Health Education Sciences

Thesis Committee: Jessica Sales, PhD and Elizabeth Walker, PhD, MPH, MAT

Thesis: Exploring providers' experiences with and perceptions of contraception guidelines

implementation in Georgia Title X settings: A qualitative study

GPA: 3.99 / 4.0 (Delta Omega)

#### 2019-22 Bachelor of Arts (BA) in Women's and Gender Studies; Sociology (double major)

Specialization in Gender, Sexuality and Public Health

Minor in Health, Medicine, and Society

Stony Brook University

Department of Women's, Gender, and Sexuality Studies

Advisor: Liz Montegary, PhD

Capstone: The labor of delivering gender: A case study in integrating gender and sexuality

studies into medical education at Stony Brook University

Department of Sociology

Advisor: John Shandra, PhD

Honors Thesis: Gendered death through the life cycle: Women's status predicts maternal, infant,

and child mortality rates in Sub-Saharan Africa

GPA: 3.94 / 4.0 (summa cum laude, Phi Beta Kappa)

## RESEARCH EXPERIENCE

## 2024-Present Rollins School of Public Health, Emory University, Atlanta, GA

Graduate Research Assistant (PhD)

Topics: sexual health, mental health, violence, trauma-informed care, HIV

Hope2Action (R01 MH121962) and Trauma-informed HIV Care (R34 MH132497)

Co-PIs: Jessica Sales, PhD and Ameeta Kalokhe, MD, MSc

 Lead and co-author publications/presentations on trauma-informed care, violence experiences, mental health, and sexual health services delivery among people living with HIV (PLWH) in the United States (U.S.)

Sophia Garbarino CV p.1/13 Updated Dec. 2024

- Analyze quantitative (SAS) and qualitative (MAXQDA) data to understand and inform violence screening practices in HIV care settings across the U.S. South, including descriptive statistics, multivariate regression, uni/bivariate, rapid, and thematic analysis
- Provide analysis and technical support for two major studies under Dr. Jessica Sales, mainly focused
  on using mixed methods to examine implementation of mental and sexual health services delivery
  along the HIV care continuum in the U.S. South
- Built data collection instruments for an intervention implementing and evaluating trauma-informed care at two Ryan White-funded clinics in Atlanta, GA

#### 2024-Present

## Rollins School of Public Health, Emory University, Atlanta, GA

Graduate Research Assistant (PhD)

Topics: contraception, adolescent health, patient-provider communication

Strengthening Adolescent, Parent, and Health Provider Partnerships: A Triadic Approach to Support the Use of Dual Prevention Strategies Among Girls (KL2)

PI: Subasri Narasimhan, PhD, MPH

- Develop a quantitative analysis plan to examine adolescent comfort and self-efficacy discussing contraception with parents and healthcare professionals using data from Power to Decide's 2024 Youth Reproductive Access Survey
- Build a repository of survey items related to demographics and attitudes, behaviors, self-efficacy, and communication related to contraception
- Support development of semi-structured interview guides for adolescents and parents exploring experiences and preferences surrounding contraception, abortion, and other sexual/reproductive health-related communication

#### 2023-24

## Rollins School of Public Health, Emory University, Atlanta, GA

Graduate Research Assistant (MPH)

Topics: sexual health, mental health, violence, trauma-informed care, HIV

Hope2Action (R01 MH121962)

Co-PIs: Jessica Sales, PhD and Ameeta Kalokhe, MD, MSc

- Co-authored journal article describing experiences with violence among people living with HIV
- Coded key informant interviews about violence screening practices using the Consolidated
   Framework for Implementation Research (CFIR) and Theoretical Framework of Acceptability (TFA)
- Developed qualitative and quantitative codebooks in Microsoft Excel
- Co-designed an Alchemer survey assessing violence screening implementation in RWCs and CBOs across the U.S. Southeast
- Recruited 400+ survey participants across eight US states via email and phone call
- Created a participant-facing infographic using Canva to disseminate study findings on the relationship between violence and HIV outcomes

#### 2022-24

## Centers for Disease Control and Prevention, Atlanta, GA

Graduate Research Assistant (MPH)

Topics: contraception, evidence-based practice, patient-centered care, provider education Fertility Epidemiology Studies Team, Division of Reproductive Health

Mentors: Kathryn Curtis, PhD and Antoinette Nguyen, MD, MPH

- Co-authored two systematic reviews on contraception safety and pain management
- Authored a 20+ page report and PowerPoint presentation on applying theory to the dissemination and implementation (D&I) of contraception guidelines
- Contributed to updating CDC's U.S. contraception guidelines (USCG) for healthcare providers
- Screened, retrieved, and organized 5000+ abstracts/articles using PubMed, Covidence, and EndNote
- Created Excel templates for systematic review data extraction and Risk of Bias assessments
- Provided technical assistance to the World Health Organization (WHO)
- Cleaned, coded, and analyzed 75+ page conference transcripts using thematic analysis

Sophia Garbarino CV p.2/13 Updated Dec. 2024

## 2023 Wisconsin Department of Health Services, Madison, WI

Title V Intern

Topics: mental health, social connections, maternal and child health

Maternal and Infant Health Unit, Division of Public Health

Mentors: Mary Kusch, MPH and Katrina Heche, MPH

- Co-authored a <u>report</u> and one-pager infographics on social connections in Wisconsin using state performance measures and survey data collected from local and tribal health agencies (LTHAs)
- Conducted a literature review on how social connectedness impacts health and well-being
- Created a quarterly data template that Wisconsin's state Title V team will use for updating LTHAs on social connections-related activity and partnerships
- Presented findings to key stakeholders from LTHAs

# 2019-22 **Laboratory for Clinical Affective Neuroscience**, Stony Brook University, Stony Brook, NY *Undergraduate Research Assistant*

Topics: affective neuroscience, developmental psychology, mental health, COVID-19 iPANDA (R01 MH097767), SHAPE (R01 MH119310), RAPID (NSF 2032386) and other studies PI: Brady Nelson, PhD

- Scheduled and tracked recruitment of 400+ participants across three clinical psychology studies via phone call, text, and email using Google Calendar, Google Sheets, RippleScience, and LifeData
- Managed 5,000+ confidential records in five databases including REDCap and Excel
- Collected clinical EEG, biological, and survey data independently and in teams
- Processed EEG and heart rate data in BrainVision Analyzer and QRSTool
- Trained 10+ RAs in daily lab operations after elevating to an advanced paid role in less than one year
- Updated databases regularly to improve usability and quality control

#### **MAJOR RESEARCH PROJECTS**

#### Rollins School of Public Health, Emory University, Atlanta, GA

PhD Student

Fall 2024 Logistic Regression Brief Report (doctoral)

- Designed and conducted a theory-informed quantitative analysis examining the impact of intimate partner violence (IPV; i.e., psychological, assault, sexual, injury) on HIV care outcomes among PLWH in the U.S. South
- Drafted a first-author brief report for submission to a peer-reviewed journal
- Performed multivariate logistic regression, bivariate, and univariate analyses in SAS 9.4 using a small survey dataset from the Hope2Action project
- Conducted a methods and literature review on the association between IPV and HIV care outcomes using PubMed and Microsoft Excel

MPH Student

#### Spring 23-24 MPH Thesis

- Designed and conducted qualitative study on the CDC's USCG D&I in Georgia Title X-funded settings, in partnership with the Georgia Family Planning System (GFPS)
- Received the 2024 Charles C. Shepard Award, awarded annually to the graduating master's student deemed by Rollins faculty to have written the most scholarly research paper
- Secured two student grants (total \$1,500) from Emory University to fund research activities, including participant incentives and hiring an MPH student secondary coder
- Applied intersectionality and CFIR to explore USCG D&I among healthcare providers
- Coded and analyzed 20 interview transcripts in Dedoose
- Interviewed 20 local contraceptive care providers on their perspectives of individual and organizational factors that may impact USCG implementation
- Presented findings at APHA (poster) and GFPS (oral presentation) conferences in Fall 2024

Spring 2024 Program Evaluation

- Designed and conducted a program evaluation of the Emory Office of Well-Being (EmWELL)
   Microgrant Program in a team of five students
- Built and collected primary data using a short survey instrument to assess grantees' program satisfaction and project progress six months after fund disbursement
- Presented findings to key partners/stakeholders in a written report, infographic, and PowerPoint

## Fall 2023 Community Assessment

- Designed and conducted a community assessment of wheelchair accessibility needs and assets at Grady Women's Health Center (GWHC), Atlanta, GA in a team of six students
- Interviewed eight clinical staff about their experiences with and attitudes toward caring for patients who use wheelchairs at GWHC
- Triangulated qualitative findings with windshield survey data and wheelchair accessibility literature
- Communicated and coordinated with physician partners at GWHC
- Presented findings in a 50+ page community assessment report and PowerPoint presentation

## Spring 2023 C

## Qualitative Mini-Study

- Assessed areas of improvement for the dissemination and implementation of CDC's national contraception guidelines for healthcare providers
- Interviewed three providers about their experiences using and attitudes toward the guidelines
- Coded and analyzed interview transcripts in MAXQDA
- Presented findings in a manuscript-style paper

#### Spring 2023

#### **Quantitative Poster Project**

- Explored the relationship between fathers' mental health status and child emotionality and shyness
- Performed logistic regression in SAS 9.4 using Future of Families and Child Wellbeing Study data
- Conducted a literature review on parental mental health and child development
- Presented findings in a conference-style poster presentation

#### Fall 2022

#### Quantitative Lab Project

- Investigated the relationship between gender, white blood cell count, and medical history using a large dataset
- Recoded continuous variables as categorical, cleaned data, and conducted a two-sample t-test and Chi-Square test using SAS 9.4
- Presented findings in a brief, manuscript-style paper

#### Stony Brook University, Stony Brook, NY

Undergraduate Student

#### Spring 21-22 Sociology Honors Thesis

- Examined gender-related determinants of maternal, infant, and child mortality rates in 46 low- and middle-income nations in Sub-Saharan Africa
- Performed partial regressions in SPSS using publicly available data from the World Bank and Freedom House
- Presented findings at a local poster symposium and in a manuscript-style, 30+ page paper

## Fall 2021

## Women's and Gender Studies Capstone

- Designed and conducted a qualitative study exploring gender- and sexuality-inclusivity in clinical education programs
- Interviewed six faculty healthcare providers on their experiences with gender- and sexuality-inclusivity in school and clinical practice
- Presented findings at a local poster symposium and in a manuscript-style, 20+ page paper Psychology Independent Research Project

#### Spring 2021

- Investigated the association between adolescent peer relationships and mental health during the early COVID-19 pandemic using quantitative survey dataset
- Performed partial correlations and ANOVA tests in SPSS
- Presented findings in a conference poster, PowerPoint, and self-published Brooklogue article

Sophia Garbarino CV p.4/13

## **PUBLICATIONS**

\*Asterisk indicates joint first authorship

#### **Published**

- 1. de Koter, Y.,\* & **Garbarino, S.\*** (2024). *The state of social connectedness in Wisconsin: October 2024.* Maternal and Infant Health Unit, Bureau of Community Health Promotion, Division of Public Health, Wisconsin Department of Health Services. <a href="https://www.dhs.wisconsin.gov/mch/mch-social-connections-report.pdf">https://www.dhs.wisconsin.gov/mch/mch-social-connections-report.pdf</a>
- Sales, J.M., Anderson, K.M., Livingston, M.D., Garbarino, S., Hadera, S., Rose, E.S., Carlson, M.S., & Kalokhe, A.S. (2024). Experiences of childhood, intimate partner, non-partner, and hate crime-related violence among a sample of people living with HIV in the epicenter of the U.S. HIV Epidemic. *Frontiers in Public Health*, 12. https://doi.org/10.3389/fpubh.2024.1331855
- 3. Curtis, K.M., Nguyen, A.T., Tepper, N.K., Zapata, L.B., Snyder, E.M., Hatfield-Timajchy, K., Kortsmit, K., Cohen, M.A., Whiteman, M.K., & Contributors (2024). U.S. Selected Practice Recommendations for Contraceptive Use, 2024. MMWR Recommendations and Reports, 73(3), 1–77. https://doi.org/10.15585/mmwr.rr7303a1
- 4. Nguyen, A.T., Curtis, K.M., Tepper, N.K., Kortsmit, K., Brittain, A.W., Snyder, E.M., Cohen, M.A., Zapata, L.B., Whiteman, M.K., & **Contributors** (2024). U.S. Medical Eligibility Criteria for Contraceptive Use, 2024. *MMWR. Recommendations and Reports*, 73(4), 1–126. https://doi.org/10.15585/mmwr.rr7304a1
- 5. **Garbarino, S.C.** (2020, December 5). There are good reasons to put pronouns in your social media profiles [Opinion]. *Connecticut Post*. <a href="https://www.ctpost.com/opinion/article/Opinion-There-are-good-reasons-to-put-pronouns-15778394.php">https://www.ctpost.com/opinion/article/Opinion-There-are-good-reasons-to-put-pronouns-15778394.php</a>

## **Manuscripts Under Review or In Preparation**

- 6. **Garbarino, S.C.**, Walker, E.R., Kottke, M.J., Mekonen, H., & Sales, J.M. Title X provider experiences with and perceptions of contraception guidelines implementation in Georgia: A qualitative study. *Women's Health Issues*. [Under review, resubmitted with revisions Nov. 2024].
- 7. **Garbarino, S.C.,** Kokubun, C.W., Anderson, K.M., Carlson, M.S., Ellison, C., Hadera, S., Kalokhe, A.S., & Sales, J.M. Violence experience among cis-gender women living with HIV in Atlanta, Georgia: Impact on HIV-related health and their preferences for violence screening and support. *Frontiers in Public Health*. [Under review, submitted Nov. 2024].
- 8. Anderson, K.M., Carlson, M.S., **Garbarino, S.C.,** Kalokhe, A.S., & Sales, J.M. Implementation of trauma-informed care into clinical HIV prevention and care settings: A decade of limited progress. *Current HIV/AIDS Reports*. [Under review, submitted Nov. 2024].
- 9. Kalokhe, A.S., Anderson, K.M., Carlson, M.S., Ellison, C., **Garbarino, S.C.,** Kokubun, C.W, Rose, E., & Sales, J.M. Screening for violence in HIV care: What do patients want? *Journal of the American Medical Association*. [Under review, submitted Dec. 2024].
- 10. **Garbarino, S.C.,** Livingtson, M.D., Kalokhe, A.S., & Sales, J.M. Associations between intimate partner violence and viral suppression among people living with HIV in Georgia. [In preparation for submission to *Journal of the International Association of Providers of AIDS Care*].
- 11. **Garbarino, S.C.**, Walker, E.R., Kottke, M.J., & Sales, J.M. Using the Consolidated Framework for Implementation Research to create a contraception guidelines implementation conceptual model. [In preparation for submission to *Global Implementation Research and Applications*].

Sophia Garbarino CV p.5/13 Updated Dec. 2024

- 12. Tufa, T.H., Snyder, E., Wolderufael, M., **Garbarino, S.C.**, Steyn, P., & Zapata, L.B. Safety of non-pharmacological interventions to ease IUD placement: A systematic review. [In preparation].
- 13. Kapp, N., Tepper, N.K., Nguyen, A.T., Curtis, K.M., **Garbarino, S.C.**, Kortsmit, K., & Whiteman, M.K. Safety of hormonal contraception among women with liver disease: An updated systematic review. [In preparation].

#### **PRESENTATIONS**

\*Asterisk indicates presenter (if multiple authors)

#### **Oral Presentations**

- 1. **Garbarino, S.C.** (2024, September 19). *Understanding how to improve US contraception guidelines implementation in Georgia Title X settings: A qualitative study* [invited PowerPoint]. Georgia Family Planning System Annual Meeting, Savannah, GA.
- 2. **Garbarino, S.C.** (2024, May 8). *Exploring providers' experiences with and perceptions of contraception guidelines implementation in Georgia title x settings: A qualitative study* [PowerPoint]. Charles C. Shepard Award Finalists Symposium, Rollins School of Public Health, Emory University, Atlanta, GA.
- 3. **Garbarino, S.C.** (2022, October 13). *Socialization of gender* [Guest lecture and PowerPoint]. SOC 101 Introduction to Sociology, Emory College of Arts and Sciences, Emory University, Atlanta, GA.
- 4. **Garbarino, S.C.** (2021, May 5). *Adolescent peer relationships and mental health during the COVID-19 pandemic* [PowerPoint]. Stony Brook University Psychology Department Conference, Stony Brook, NY.

#### **Posters**

- 5. **Garbarino, S.C.,\*** Walker, E.R., Williams, P., & Sales, J.M. (2024, October 27). *Exploring providers' experiences with and perceptions of contraception guidelines implementation in Georgia Title X settings: A qualitative study* [Poster]. American Public Health Association 2024 Annual Meeting & Expo, Minneapolis, MN.
- Garbarino, S.C. (2024, April 15). An evaluation of CDC's efforts to disseminate and implement the US
   Contraception Guidelines, 2010-2022 [Poster]. 2024 Outstanding Applied Practice Experience Award Symposium,
   Rollins School of Public Health, Emory University, Atlanta, GA.
- 7. **Garbarino, S.C.** (2022, May 3). *Gendered death through the life cycle: Women's status predicts maternal, infant, and child mortality rates in Sub-Saharan Africa* [Poster]. Stony Brook University Undergraduate Research and Creative Activities [URECA] Spring Symposium, Stony Brook, NY.
- 8. **Garbarino, S.C.** (2022, May 3). The labor of delivering gender: A case study in integrating gender and sexuality studies into medical education at Stony Brook University [Poster]. URECA Spring Symposium, Stony Brook, NY.
- 9. **Garbarino, S.C.** (2021, May 5). *Adolescent peer relationships and mental health during the COVID-19 pandemic* [Virtual poster]. Stony Brook University URECA Spring Symposium, Stony Brook, NY.

#### **Panels**

- 10. Community as the classroom: Assessment and evaluation in Behavioral, Social, and Health Education Sciences [BSHES]. (2024, March 28). Department of BSHES, Rollins School of Public Health, Emory University, Atlanta, GA.
- 11. Exploring health equity topics with BSHES students: Student panel. (2024, March 7). Department of BSHES, Rollins School of Public Health, Emory University, Atlanta, GA.
- 12. *Maternal and child health [MCH] applied practical experience panel.* (2024, February 2). MCH Certificate Program, Rollins School of Public Health, Emory University, Atlanta, GA.

Sophia Garbarino CV p.6/13 Updated Dec. 2024

- 13. *Scholars: Beyond the classroom panel*. (2021, November 4). University Scholars Honors Program, Stony Brook University, Stony Brook, NY.
- 14. Student media leadership and involvement panel. (2021, March 16). Stony Brook University, Stony Brook, NY.

#### **Under Review or In Preparation**

- 15. **Garbarino, S.C.,\*** Kokobun, C., Ellison, C., Mekonen, H., Anderson, K.M., Kalokhe, A.S., & Sales, J.M. *Screening for post-traumatic stress disorder: Implications for workforce development along the HIV care continuum* [Abstract]. 2025 SOPHE 76th Annual Conference, Long Beach, CA. [Under review, submitted Oct. 2024].
- 16. **Garbarino, S.C.** Theories and frameworks for contraception counseling behaviors among providers: A review of the literature [Abstract]. 2025 Mini-Conference on Reproduction, Eastern Sociological Society, Boston, MA [Under review, submitted Oct. 2024].
- 17. **Garbarino, S.C.** *Experiences and lessons from my mini study* [Guest lecture and PowerPoint]. BSHES 538 Qualitative Methods, Rollins School of Public Health, Emory University, Atlanta, GA. [In preparation].

#### **GRANT FUNDING**

Total funding from all awards: \$2,000

#### 2023-24 **Emory Prevention Research Center**, Emory University

Mini-Grant for Community-Engaged Student Research

A qualitative study of US Contraception Guidelines implementation in Georgia Title X settings Principal Investigator (PI); Total funded: \$1,000

This grant supported my MPH thesis, which explored healthcare providers' experiences with and attitudes toward CDC's US Contraception Guidelines in Georgia Title X clinical settings.

#### 2023-24 Department of Behavioral, Social, and Health Education Sciences, Emory University

Health Equity Research & Practice Award

A qualitative study of US Contraception Guidelines implementation in Georgia Title X settings PI; Total funded: \$500

This grant supported my MPH thesis, for which I was awarded the <u>2024 Charles C. Shepard Award</u>. Up to two graduating master's students are nominated by each department for this award every year. A panel of faculty selects one student deemed to have written the most outstanding scholarly paper. I also served on the review committee for the Spring/Summer 2024 grant application cycle.

#### 2023 Student Fund for Inclusivity and Belonging, Emory University

Belonging & Community Justice Mini Grant

SEX-cessible: Educating Emory students about disability and sexual health

PI; Total funded: \$200

Secured on behalf of the Emory Reproductive Health Association (ERHA), this grant partially funded an event fostering inclusive discussions on disability and sexual health for about 50 students.

#### 2020-22 **Division of Undergraduate Education**, Stony Brook University

Undergraduate Research and Creative Activities Small Grant

Brooklogue: Stony Brook University Undergraduate Journal for Humanities and Social Sciences PI; Total funded: \$300

This grant established Stony Brook University's first undergraduate journal dedicated to humanities and social sciences. The journal disseminates student work, provides professional development opportunities, and helps students gain experience in academic publishing.

Sophia Garbarino CV p.7/13 Updated Dec. 2024

#### **TEACHING AND MENTORING**

2022-2025 **Emory University,** Atlanta, GA *Graduate Teaching Assistant*Starting 2025 BSHES 538: Qualitative Methods

• 27 master's students, 1 session, online

Guest lecture on experiences with and lessons learned from a previous qualitative project

Co-grade and provide feedback on written assignments (e.g., qualitative interview guide)

Spring 2024 SOC 101: Introduction to Sociology

• 60 undergraduate students, 1 session, online

• Graded essays, exams, participation, and attendance for all students

Fall 2023 BSHES 500: Behavioral and Social Sciences in Public Health

• 100 master's students, 1 session, online

• Led a team of four graduate teaching assistants

• Graded discussion boards, assignments, and exams for 25 students

Spring 2023 SOC 389: Special Topics - Work and Occupations

• 60 undergraduate students, 2 sessions, in person

Graded essays and exams for all students

Fall 2022 SOC 101: Introduction to Sociology

• 60 undergraduate students, 1 session, in person

· Guest lectured on the socialization of gender

• Graded essays, exams, and attendance for all students

2023-24 Peer Mentor

Mentored two Master of Public Health students in navigating graduate school and networking

• Mentored one undergraduate student in health-related career paths and admissions processes

## Summer 2024 Rollins School of Public Health/Emory School of Medicine, Emory University, Atlanta, GA Facilitator and Mentor

Health Professions Readiness Education Program (HealthPREP; hybrid)

- Emory's 8-week summer program for 25 undergraduate/post-baccalaureate/master's students from underrepresented backgrounds interested in pursuing health-related graduate studies
- Designed and was primary instructor for three class sessions (literature reviews, qualitative methods, and public health evaluation)
- Provided feedback on student assignments: literature reviews, interview guides, and final papers
- Mentored five students interested in health-related professions, including resume review, interview preparation, and elevator pitches
- Co-designed curriculum for HealthPREP, including final project and progress report assignments
- Coordinated with 10+ guest speakers both in person and virtually

## 2020-22 **Stony Brook University, Stony Brook, NY**

University Scholars Honors Program Fellow

- Completed a one-semester training course in DEI-centered educational practices
- Spearheaded a Scholars Advisory Board initiative to encourage student volunteerism in the school and local communities
- Interviewed candidates for the 2021 fellowship application cycle

## 2020-21 **Stony Brook University, Stony Brook, NY**

**Undergraduate Teaching Assistant** 

Fall 2021 SOC 248: Social Problems in Global Perspective (300 undergraduate students, online)

- Led an online, synchronous exam study session with 100+ students
- Coordinated a team of four undergraduate teaching assistants

Sophia Garbarino CV p.8/13 Updated Dec. 2024

Spring 2021 SOC/WST 247: Sociology of Gender (200 undergraduate students, online)

• Graded discussion boards and assignments for all students

Fall 2020 SCH 101: Introduction to Stony Brook (20 undergraduate students, in person)

- Developed interactive course materials on transitioning to college life
- Led weekly class sessions for all students, including lectures and group activities
- Mentored students and took attendance

## Summer 2019 American Medical Response, Bridgeport, CT

Assistant Emergency Medical Technician-Basic (EMT-B) Instructor

EMT-B Certification Course (60 students, 2 sessions, in person)

- Taught basic life support (BLS) skills to EMT-B students including CPR, AED, bleeding control, trauma assessment, medical history taking, splinting, patient-provider rapport, and 911 scene management
- Prepared students for state and national EMT-B skill exams
- Communicated with students of diverse age, background, and professional/career goals

#### LEADERSHIP EXPERIENCE

## 2023 **Emory Reproductive Health Association,** Emory University, Atlanta, GA

Treasurer

- Secured a \$200 grant to support a sexual health and disability education event
- Managed a \$17,000+ budget and all supply orders using Google Sheets and Campus Labs
- Coordinated seven highly-attended student-focused events promoting sexual and reproductive health, justice, and education
- Collaborated with Emory offices/student organizations on events, tabling, and community outreach
- Awarded Graduate Student Organization of the Year in recognition of our contributions to the Emory community
- Peer nominated for Graduate Student Leader of the Year

#### 2023 **BLKHLTH,** Atlanta, GA

Notetaker

Topics: pain management, health equity, racial disparities, health education

- Took detailed notes at a one-day workshop to design a pain equity program in partnership with Morehouse School of Medicine and The Advil Pain Equity Project
- Engaged with pain and health equity experts in public health, medicine, and clinical education during panel discussions and brainstorming sessions
- Notetaking contributed to the Fall 2024 <u>launch of the Advil Pain Equity Course</u>, an innovative medical course on racial health inequities in pain prevention, treatment and management

## 2022 **Undergraduate Student Government,** Stony Brook University, Stony Brook, NY

Director of Diversity, Equity, and Inclusion (DEI) Affairs

- Authored USG's first-ever annual DEI report about funding, events, initiatives, and advocacy work
- Organized Stony Brook's first-ever Interfaith Gala, a student event promoting spiritual/religious DEI
- Hosted four podcast episodes on Instagram interviewing faculty and students about DEI topics
- Designed DEI-related Instagram posts using Canva (e.g., Black History Month, Lunar New Year)

#### 2021-22 Center for Prevention and Outreach, Stony Brook University, Stony Brook, NY

Green Dot Peer Educator

- Educated 75+ students about sexual and interpersonal violence (SIPV) via virtual workshops
- Created social media content promoting SIPV awareness using Canva
- Led students in an annual Walk of Hope to raise suicide awareness

Sophia Garbarino CV p.9/13 Updated Dec. 2024

# 2020-22 **Brooklogue: Undergraduate Journal for Humanities and Social Sciences,** Stony Brook University Founder, President, and Editor-in-Chief

- Secured a \$300 grant to found Stony Brook University's first undergraduate journal for humanities and social sciences
- Managed 25+ student staff members and entire publication process
- Coordinated student events focused on humanities, social sciences, and professional development
- Built an online journal platform in WordPress to promote students' voices on critical topics such as racial equity and mental health, reaching readers in 20+ countries
- Self-published 10+ essays and articles covering gender studies, sociology, and public health (here)

#### **COMMUNITY SERVICE**

### 2022 March of Dimes, Atlanta, GA

Volunteer

Igniting Impact Together Summit: Birthing Equitable Communities Summit

- Facilitated attendee check-in process and set up evening poster reception
- Learned about doula equity, adolescent sex education, and racial birthing equity

## 2021 The Center for Family Justice, Bridgeport, CT

Camp HOPE Intern and Volunteer

- Completed 40+ hour certification about sexual/interpersonal violence (SIPV) advocacy and CT laws
- Prepared mental/physical health educational resources for Camp HOPE campers (ages 7 17)
- Researched disproportionate SIPV rates among Black trans people using a public health framework

#### 2019 Bridgeport Hospital Emergency Department, Bridgeport, CT

Patient Care Volunteer

- Provided high quality medical care to 100+ patients in the emergency department under the direct supervision of emergency medicine hospital providers
- Assisted with taking medical histories, non-invasive procedures, and general patient care
- Learned about the structure of hospital ED healthcare, including how to work in interprofessional teams comprising nurses, physicians, PAs, ED technicians, and other healthcare specialists

#### 2018-19 Trumbull Emergency Medical Services, Trumbull, CT

Volunteer EMT-B

- Provided high-quality, BLS care to 150+ patients at a municipal 911 ambulance service
- Supported paramedics in giving advanced life support care on critical 911 calls
- Documented EMS electronic medical records (EMR) in emsCharts
- Taught emergency medicine skills to EMT-B students

## HONORS, AWARDS, AND SCHOLARSHIPS

## **Emory University**

2024-Present	Laney Graduate School Fellowship (\$2,500/year)
2022-24	Rollins Pathway Award (\$25,000)
2022-24	Rollins Earn and Learn Award (\$12,000)
2024	Charles C. Shepard Award
2024	Leadership, Engagement, and Development Award (Office of Student Engagement)
2024	Graduate Student Organization of the Year (Office of Student Life)
2024	Delta Omega Honorary Society in Public Health
2023	Outstanding Applied Practice Experience Award (Office of Career Development)

Sophia Garbarino CV p.10/13 Updated Dec. 2024

## **Stony Brook University**

2019-22	Presidential Merit Scholarship (100% tuition)
2019-22	Dean's List (six consecutive semesters)
2019-22	University Scholars Honors Program
2022	Summa cum laude
2022	Activism and Academic Excellence Award (Department of Women's, Gender, and Sexuality Studies)
2022	Jesse Tepper Award (\$1,500, Department of Sociology)
2022	Upstander Award (Center for Prevention and Outreach)
2022	Academic Achievement Award (College of Arts and Sciences)
2022	Phi Beta Kappa Honor Society

#### Other

••	
2024-25	Student Membership Scholarship (Society of Family Planning)
2023	Helen P. Cleary Scholarship (National Commission for Health Education Credentialing [NCHEC])

#### **CERTIFICATIONS AND TRAININGS**

Exp. 2029	Certified Health Education Specialist (NCHEC, ID# 40144)
Exp. 2026	Seizure Recognition and First Aid (Epilepsy Foundation)
Exp. 2026	Basic Human Subjects Protection: Biomedical Focus (CITI)
Exp. 2025	Basic Human Subjects Protection: Social/Behavioral Focus (CITI)
Exp. 2025	Adult and Pediatric First Aid/CPR/AED (Red Cross)
Rec. 2024	Public Health Approaches to Abortion (Emory University)
Rec. 2024	Training in the Ethical Conduct of Research for Humanities (Emory University)
Rec. 2023	HIPAA Privacy, Security, and Research (Emory University)
Rec. 2023	Sexpert (sexual health, Emory University Office of Health Promotion)
Rec. 2022	Introduction to Systematic Review and Meta Analysis (Johns Hopkins University)
Rec. 2020	Green Dot (interpersonal violence prevention/intervention)
Rec. 2020	Red Watch Band (alcohol/substance overdose prevention/intervention)
Rec. 2020	Question, Persuade, Refer (QPR, suicide prevention/intervention)

## **SOFTWARE SUMMARY**

Statistical	SAS (advanced), R (beginner), SPSS (beginner)
Survey	Alchemer, REDCap
Research	MAXQDA, Dedoose, Covidence, EndNote, SciWheel, LifeData, RippleScience
General	Adobe Acrobat, Microsoft Office 365 (Excel, Word, PowerPoint, OneNote, Teams, Forms, Bookings),
	Google Workspace (Sheets, Docs, Slides, Forms, Calendar, Drawings), Zoom
Other	Canvas Canva WordPress Musescore

## **RESEARCH SKILLS SUMMARY**

Quantitative	Simple/multivariate	linear and	logistic regressio	n (in SAS)

Complex survey analysis (in SAS), complete case analysis

Bivariate analysis (i.e., Chi-square, Fisher's exact, ANOVA, single/paired t-tests in SAS, R) Univariate analysis (i.e., measures of central tendency/dispersion, frequencies in SAS, R)

Dataset management (e.g., cleaning, recoding in SAS, R)

Data visualization (e.g., tables, scatter plots, histograms, boxplots in SAS, R, Canva)

Survey development and implementation (in Alchemer, REDCap, Google/Microsoft Forms)

Directed acyclic graphs (DAGs)

Sophia Garbarino CV p.11/13 Updated Dec. 2024

Qualitative Thematic textual analysis, inductive/deductive coding, coding to consensus (in MAXQDA, Dedoose)

Rapid qualitative analysis matrices (i.e., construction, analysis in Microsoft Excel, Google Sheets) Semi-structured, in-depth, key informant interviews (creating guides, conducting, notetaking)

Data management (e.g., transcribing, cleaning, de-identifying)

Mixed Manuscript, abstract, poster preparation

Using qualitative methods to support/expand upon quantitative findings

Data triangulation matrices (i.e., construction, analysis in Microsoft Excel, Google Sheets)

Other Communicating scientific information/findings to diverse audiences

Community assessment
Conceptual and logic models
Program planning and evaluation

Theory-driven research

#### **GRADUATE COURSEWORK**

#### **Doctoral level**

- BSHES 700: Applied Data Methods in Behavioral, Social, and Health Education Sciences
- BSHES 721: Applying Theory to Public Health Research and Practice
- PUBH 701: Public Health Sciences
- BSHES 710: Research Designs in the Behavioral and Social Sciences (Spring 2025)
- BSHES 712: Grant Writing and Research Ethics (Spring 2025)
- BSHES 725: Health Promotion Interventions (Spring 2025)
- BSHES 728: Advanced Statistical Methods in the Behavioral and Social Sciences (Spring 2025)
- BSHES 732: Structural Equation Modeling (Spring 2025)

#### Master's level

- BIOS 500: Statistical Methods I with Lab
- BIOS 544: Introduction to R
- BSHES 520: Theory Driven Research and Practice
- BSHES 524: Community Assessment
- BSHES 526: Program Planning in Health Promotion
- BSHES 530: Program Evaluation
- BSHES 532: Quantitative Data Analysis
- BSHES 538: Qualitative Methods for Research and Evaluation
- BSHES 540: Research Methods in Health Promotion
- BSHES 579: History of Public Health
- BSHES 596: Foundations in Maternal and Child Health
- EH 500: Perspectives in Environmental Health
- EPI 504: Fundamentals of Epidemiology
- EPI 508: Maternal and Child Health Leadership Seminar
- EPI 509: Health Equity in Systems of Care for Children with Special Health Care Needs
- GH 500: Critical Issues in Global Health
- GH 530: Global Elimination of Maternal Mortality from Abortion
- HPM 500: Introduction to the US Health Care System
- HPM 502: Introduction to Healthcare Management

Sophia Garbarino CV p.12/13 Updated Dec. 2024

## **PROFESSIONAL AFFILIATIONS**

Memberships

2024-Present National Commission for Health Education Credentialing

2024-Present Delta Omega Honorary Society in Public Health

2023-Present Society of Family Planning

2024-Present, Annual Meeting Committee

2023-Present Society for Public Health Education, Georgia Chapter

2022-Present American Public Health Association

• Maternal and Child Health Special Interest Group

• Sexual and Reproductive Health Special Interest Group

2022-Present National Asian Pacific American Women's Forum, Georgia Chapter

2022-Present Phi Beta Kappa Honor Society

#### **Peer Reviewer**

2024 Journal of Women's Health

2024 Health Equity Research & Practice Award, Spring 2024 Application Cycle, Department of Behavioral,

Social, and Health Education Sciences, Emory University

2021 University Scholars Honors Fellowship Application Cycle, Stony Brook University

Sophia Garbarino CV p.13/13 Updated Dec. 2024