

Sarina M. Carter

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Education

- 2015 – 2019 **B.S. Psychology, Summa Cum Laude**
University of Massachusetts Amherst – Commonwealth Honors College
Major: Psychology with Mathematical Modeling Specialization and Departmental Honors
Minors: Education; Information Technology; Sociology
Certificates: Social Research Analysis; Social Work
GPA: 3.95
Honors Thesis: “Within- and between-therapist alliance quality as predictors of patient outcome in psychotherapy for generalized anxiety disorder”
Advisor: Michael J. Constantino, Ph.D.

Grants, Honors, and Awards

- 2019 **Phi Beta Kappa Inductee**
Membership awarded to students for academic excellence in the Arts and Sciences
- 2018 **Commonwealth Honors College Research Grant** *Award: \$884*
Awarded to select undergraduate students in support of their honors theses
- 2018 **Beinecke Scholarship Nominee**
Selected as the UMass Amherst nominee to the nationwide scholarship program, which awards \$34,000 in support of graduate study
- 2018 **Phi Kappa Phi Early Inductee**
Membership awarded to juniors in the top 7.5% of their class
- 2017 **Resident Assistant of the Year Nominee**
Nominated by co-workers and residents
- 2015 – 2019 **Dean’s List**
Awarded to students with a semester GPA above 3.5
- 2015 **Armed Forces Communications and Electronics Association Fellowship Award**
Scholarship and fellowship awarded to students with demonstrated technical interest and ability

Manuscripts

Liu, R. T., Walsh, R. F. L., Sheehan, A. E., Cheek, S. M., & **Carter, S. M.** (submitted for publication). *Suicidal ideation, plans, and attempts among sexual minority and heterosexual youth: A population-based analysis of temporal trends in prevalence and disparities from 1995 to 2017.*

Conference Presentations

Carter, S. M., Constantino, M. J., Coyne, A. E., & Muir, H. J. (2019, April). *Within- and between-therapist alliance quality as predictors of patient outcome in psychotherapy for generalized anxiety disorder.* Paper presented at the 25th annual Massachusetts Undergraduate Research Conference, Amherst, MA.

Professional Workshops

- 2019 **Multilevel Modeling with HLM and SPSS**
Inter-University Consortium for Political and Social Research (ICPSR) Summer Program in Quantitative Methods of Social Research, University of Massachusetts Amherst
Presenters: Aline G. Sayer, Ph.D. and Holly Laws, Ph.D.

Research Experience

- 2018 – 2019 **Researcher**
Psychotherapy Research Lab, University of Massachusetts Amherst
- Reviewed and synthesized literature
 - Submitted grant proposal and awarded grant
 - Wrote and orally defended proposal to faculty committee
 - Executed statistical analyses
 - Defended full thesis to committee
 - Delivered oral presentation
- 2018 **Research Assistant**
Nock Lab, Harvard University
- Managed participant recruitment and scheduling for a study about decision-making
 - Conducted risk assessments, diagnostic interviews, and semi-structured interviews about suicidal thoughts and behaviors
 - Analyzed study data through computational modeling techniques
 - Adapted several computer tasks to run on a mobile interface
- Supervisors:* Alexander J. Millner, Ph.D. and Matthew K. Nock, Ph.D.
- 2017 – 2018 **Research Assistant**
Department of Psychiatry & Human Behavior, Warren Alpert Medical School of Brown University
- Helped develop a novel task to measure impulse-aggression
 - Assisted with manuscript preparation
 - Organized data for several co-occurring longitudinal studies
 - Performed neurocognitive tasks on recently hospitalized adolescents
- Supervisor:* Richard T. Liu, Ph.D.
- 2016 – 2019 **Research Assistant**
Psychotherapy Research Lab, University of Massachusetts Amherst
- Trained in consensual qualitative research techniques to code semi-structured interviews
 - Conducted literature reviews
 - Transcribed interviews for several mixed-method studies
- Supervisor:* Michael J. Constantino, Ph.D.

Teaching Experience

- 2017 – 2019 **Peer Advisor**
Undergraduate Psychology Advising Office
- Assisted students in course selection and fulfillment of university, college, and major requirements
 - Connected students to resources and opportunities
 - Supported departmental events and initiatives
- Supervisor:* Tamara A. Rahhal, Ph.D.

2016 – 2017 **Undergraduate Teaching Assistant**

Abnormal Psychology (Spring 2017)

- Facilitated exam review sessions
- Coordinated undergraduate and graduate teaching assistants to manage assignments and grading for 500 students
- Held office hours and proctored exams

Supervisor: Katherine L. Dixon-Gordon, Ph.D.

Abnormal Psychology (Fall 2016)

- Facilitated weekly review sessions that focused on clinical applications of the material for this specialized nursing section of the course
- Executed various classroom responsibilities, including exam proctoring

Supervisor: Timothy L. Hope, Ph.D.2015 – **Instructor & Tutor**

Kaplan Test Preparation

- Taught effective testing strategies to students preparing for the SAT, ACT, and AP Statistics test
- Supported students in setting score goals and developing realistic study habits to achieve them
- Tutored students both individually and in large classroom settings

Professional Experience

2016 – 2019 **Resident Assistant**

Department of Residential Life, University of Massachusetts Amherst

- Assisted and encouraged floor members to cultivate a livable, inclusive, and responsible community through individual relationships
- Developed educational and social opportunities through creative programming
- Enforced university policy to ensure a safe and welcoming place for all members of the residence hall community through effective crisis management
- Supported co-workers and supervisors in fostering a building-wide community

2015 – 2016 **Technical Intern**

Integrated Defense Systems, Raytheon Corporation

- Applied integrated logistics to influence radar systems early in their life cycle to assure effective operation, reliability, maintainability, and economical ownership by the customer
- Analyzed the radar repair system and implemented process changes to save \$800,000+ annually

Specialized Research Skills

Programming Languages:

- Python
- MATLAB
- R
- JavaScript
- HTML/CSS
- SQL

Software:

- Qualtrics
- REDCap
- PsychoPy
- SPSS
- Mplus
- Office programs (Excel, PowerPoint, Word)