

Alexandria Baker B.A.
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EDUCATION

Bachelor of Arts in Psychology

May 2021

Minors: Human Development and Family Science, Social Science

University of North Texas, Denton, TX

Magna Cum Laude

Overall GPA: 3.72

Psychology GPA: 4.0

RESEARCH EXPERIENCE

Principal Investigator

September 2022-April 2023

University of North Texas

Advisor: Heidemarie Blumenthal, Ph.D.

Study:

- Recruitment Strategies Before and After the COVID-19 Surge in Adolescent Psychological Research: A survey study administered to adolescent researchers across the nation to compare the efficacy of active and passive recruitment strategies.

Responsibilities:

- Received letter from the psychology department chair, Dr. Donald Dougherty, advocating for my abilities and knowledge of good ethical practice to be granted the privilege to be a PI for this study.
- Designed and submitted full IRB protocol for review along with required materials (i.e., recruitment email, CITI certificates, survey outline).
- Crafted, tested, and coded Qualtrics survey for participant administration.
- Managed a team of four researchers to aid in recruitment, survey distribution, and general study operations.

Lead Research Assistant

May 2022- June 2023

Translational Addictions Research Consortium, University of North Texas

Advisor: Donald Dougherty, Ph.D.

Studies:

- Piloting Deposit Contracts to Increase Accessibility of a Contingency Management Intervention to Reduce Problematic Drinking (1R21AA029659-01): Ran participants through an 8-week intervention study investigating the efficacy of a deposit contract paired with a contingency in reducing heavy alcohol use.
- The Improving Remote Breathalyzer Procedures used by Clinicians and Researchers to Remotely Monitor Alcohol Use (1R21AA029641-01A1): Ran participants through a 4-week study observing the effectiveness of a breathalyzer device.

- Validation of a Novel Wearable Alcohol Detection Device: Dosed participants with three levels of breath alcohol content percentage (.02, .04, .08) and tested two transdermal alcohol detection monitors.

Responsibilities:

- Make and troubleshoot standard operating procedure manuals for all studies.
- Created all participant study materials and recruitment materials (i.e., intervention booklets, mental health resource list, flyers, lab logo design).
- Designed contact procedures for both studies involving pre-screen questions in Qualtrics, and the scripts and contact logs in REDCap.
- Converted multiple measures (i.e., MINI, SCID-5-RV, MMSE, and CIWA-R) into digital data collection in REDCap.
- Wrote and revised IRB protocol submissions (e.g., flyers, measures, protocol, scripts, etc.).
- Contacted and screened participants for study eligibility.
- Administered blood spot collection while partnering with university IBC representatives.
- Established connections with local community organizations and research collaborators to host research and mental health advocacy tables at local events representing the entire department.
- Interviewed, trained and led a team of six undergraduate research assistants.
- Monitored, budgeted and submitted purchases from grant funding sources.

Research Assistant

Sept. 2022-Aug 2023

Teen Digital Mental Health Lab, Northwestern University

Advisor: Ashley Knapp, Ph.D.

Study:

- Technology-Enabled Prevention Service for At-Risk Youth: Partnered a public library Chicago, IL. The library serves socioeconomically diverse neighborhoods in Chicago, to design a technology-based prevention service for youth with anxiety.

Responsibilities:

- Prepared and edited manuscripts for peer-reviewed journals.
- Discussed community partnership plans.
- Reviewed public library staff interviews.
- Designed UI for teen mental health phone application.

Recruitment Leader and Research Assistant

Feb. 2020- May 2022

Teen Stress and Alcohol Research Lab, University of North Texas

Advisor: Heidemarie Blumenthal, Ph.D.

Study:

- A Controlled Test of Interpersonal Rejection, Social Anxiety, and Alcohol Use among Female Adolescents (R15 AA026079-01): Ran adolescent participants through a 4- hour procedure investigating developmental risk behaviors by collecting salivary samples and administering the International Affective Picture System and the Cyberball rejection task. Additionally, conducted the Mini International Neuropsychiatric Interview (MINI) for parent participants, and the SCID-5-RV disorders to offspring participants.

Community Outreach Leadership:

- Conducted adolescent interviews assessing for alcohol use disorder, major depressive disorder, and social anxiety.
- Ran and managed the 4-hour protocol in the laboratory.
- Collected salivary samples to measure cortisol and alpha-amylase.
- Assisted in the making of multiple abstracts for a range of conferences.
- Trained ten undergraduate and high school research assistants

- Edited and compiled databases of community business for IRB post-study reports.
- Led weekly meetings to create promotional materials, and to assess and assign recruitment efforts (tabling, in-person flyering, and school presentations).

Data:

- Edited syntax in SPSS for various studies.
- Entered participant data weekly in SPSS databases.
- Utilized Microsoft Excel for input of raw data from Inquisit Experiment Programs and Timeline Follow Back substance use data from experimental studies.
- Assisted in running analyses for undergraduate abstracts in SPSS including multiple regression analyses, PROCESS, moderation, and mediation models.

Social Media Leadership:

- Provided weekly posts regarding research, mental health, and volunteer opportunities in the community.
- Hosted Mental Health Awareness Week event by making and accumulating various posts to spread mental health information.

MANUSCRIPTS IN PROGRESS

Baker, A., Knapp, A., Blumenthal, H., Hall, M., Pogue, J., & Jones, C. (2022). Adolescent recruitment strategies in psychological research before and after the COVID-19 lockdown: Surveying researchers in the field. *Manuscript in preparation.*

Thompson, L., **Baker, A.,** & Blumenthal, H. (2022). Voluntary disengagement coping and sleep problems among adolescents: the moderating role of trauma exposure. *Manuscript submitted for publication.*

Knapp, A. A., Hersch, E., Wijaya, C., Carrol, A., Kruzan, K., Herrera, M., Lee, S., Sodhi, D.K., **Baker, A.,** Hannah, N., Simmons, R., Jackson, S., Jackson, L., Guitierrez, A., Pernell, M., Froth, M., Reddy, M., Karnik, N., Smith, J.D., Brown, C.H., & Mohr, D. (2022). “The library is so much more than books”: Considerations for implementing youth digital mental health services in public libraries. *Manuscript in submitted for publication.*

CONFERENCE PRESENTATIONS

Baker, A., Myruski, S., Magis-Weinberg, L., & Brown, S. (2023, April 13-15). In **A. Baker** (Chair), Addressing the Common Issues with Adolescent Recruitment and Methodology in a COVID-19 World [Symposium]. Symposium submitted for presentation at the annual meeting of the Society for Research on Adolescents, San Diego, CA.

POSTER PRESENTATIONS

Baker, A., Ramadan, B., & Blumenthal, H. (2021). The role of pubertal development in the link between anxious rearing and social anxiety among adolescents. Poster presented at the annual meeting of Harvard Women in Psychology's Trends in Psychology Summit, Cambridge, MA.

Baker, A., Brown, Z., Stucky, V., Hasan, F., & Blumenthal, H. (2021). The moderating role of maternal versus paternal warmth on the link between pubertal status and depression. Poster presented at the annual meeting of the Society for Research on Adolescence, New Orleans,

LA.

- Baker, A.**, Hall, M., Ramadan, B., Hasan, F., Lewis, S., & Blumenthal, H. (2021). Primary caregiver anxiety sensitivity and offspring social anxiety: relative role of parent- and child-reported anxious rearing practices. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies – Parenting and Families Special Interest Group, New Orleans, LA.
- Smart, A., **Baker, A.**, Ramadan, B., Watson, M., & Blumenthal, H. (2020). The role of parental acceptance in adolescent negative affect and trauma symptomology. Poster presented at the Southwestern Psychological Association Convention, San Antonio, TX.
- Jones, C., Williams, N., **Baker, A.**, Hanes, J., O'Banon, M., & Blumenthal, H. (2022). The moderating role of insecure attachment on the link between oppositional-defiant disorder and rule breaking in adolescents. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies – Forensic Issues and Externalizing Behaviors Special Interest Group, New York City, NY.
- Watson, M., Ramadan, B., Smart, A., & **Baker, A.** (2020). Pain related fears may predict subsequent alcohol and non-medical prescription use among adolescents. Poster presented at the Association for Behavioral and Cognitive Therapies – Addictive Behaviors Special Interest Group, New Orleans, LA.
- Thompson, L., Ramadan, B., Hanes, J., **Baker, A.**, Hall, M., Stucky, V., & Blumenthal, H. (2021). Relationship between voluntary disengagement coping and sleep problems among trauma-exposed adolescents. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies – Behavioral Sleep Medicine Special Interest Group, New Orleans, LA.
- Ramadan, B., Blumenthal, H., Slavish, D., Hasan, F., **Baker, A.**, Hall, M., & Stucky, V. (2021). Social anxiety and sleep disturbance in adolescence. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies – Behavioral Sleep Medicine Special Interest Group, New Orleans, LA.
- O'Banon, M., Ramarushton, B., Thompson, L., Rodriguez-Keklak, K., **Baker, A.**, Lewis, S., Blumenthal, H. (2022). Emotional suppression, family cohesion, and school refusal among adolescents. Poster submitted for presentation at the annual meeting of the Society for Research on Adolescence, San Diego, CA.
- Hanes, J.W., Blumenthal, H., Kearns, N.T., Vingren, J.L., Hall, M., **Baker, A.**, Trost, Z. (2021). Role of anxiety sensitivity in desire to drink following laboratory-induced physical pain. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies – Addictive Behaviors Special Interest Group, New Orleans, LA.

TEACHING EXPERIENCE

Volunteer Tutor

Sept. 2020- March 2022

Learning Center, University of North Texas

- Provided aid to students in Quantitative Methods, Statistics, Developmental Psychology, Abnormal Psychology, Social Psychology, Sexual Behavior, and Spanish.
- Ensured competency in SPSS programing.
- Designed and implemented plans to achieve learning goals.

School Presentations

Sept 2021- April 2022

Flower Mound ISD, Lake Dallas ISD, Carrollton ISD, & Frisco ISD

- Coordinated with local teachers in the Dallas- Fort Worth Metroplex to craft presentations during high school psychology classes, and afterschool research and public health clubs.
- Created PowerPoint presentation on careers in psychology, the importance of research, and how to apply to college.
- Created and distributed mental health resources, and goodie bags for each student in class.

Clinical Interview Trainings

Jan. 2022-May 2022

Teen Stress and Alcohol Research Laboratory, University of North Texas

- Designed a four-week training regimen to teach four undergraduate research assistants on how to administer and score SCID-5-RV semi-structured interviews, and the Mini International Neuropsychiatric Interview.
- Trained the research assistants one on one weekly and ensured competency.

CV Workshop

Oct. 2022

Psi Chi Honor Society, University of North Texas

- Was invited to give a presentation on how to construct a CV to undergraduate students in the psychology department.
- Created PowerPoint and aided each student with writing.

CLINICAL WORK EXPERIENCE

Behavior Technician

Nov. 2020- Feb. 2022

Centria Healthcare

- Worked 12-25 hours weekly administering applied behavioral analysis (ABA) to children on the autism spectrum within their homes.
- Completed 40 hours of Applied Behavioral Analysis training and passed the behavioral technician competency exam.
- Assessed baseline data and applied new programs.
- Administered Behavioral Intervention Plans (BIP) to ensure problem behavior extinction and implement healthy replacement behaviors.
- Provided treatment recommendations and collaborated with the parents of clients.
- Introduced new behavior programs to client and maintained mastered material.
- Performed reassessment data which measured motor, language, and academic skills to design and apply appropriate interventions.
- Administered a behavior analytic curriculum for social emotional development in children and partnered with schools to match client's Individualized Education Program (IEP) goals.

VOLUNTEER EXPERIENCE

Childcare Attendant

Nov. 2019- Jan. 2020

Denton County Friends of the Family

- Attended to children whose family was appointed to state-issued counseling sessions.
- Maintained positive environment to facilitate play.

Mentor

Oct. 2021- March 2022

Texas Juvenile Justice Department

- Enacted trauma-focused therapeutic interventions on juveniles incarcerated for capital crimes.
- Discussed healthy emotional responses and coping strategies.
- Reviewed weekly stressors with clients sharing advice to better cope with stress.
- Led individual creative writing workshops to create a nurturing environment that facilitates adolescent growth.

LEADERSHIP EXPERIENCE

Secretary

Aug. 2020- May 2021

Psychology Honor Society, University of North Texas Chapter

- Assisted in coordinating campus-wide engagement and programming to foster a positive working environment for psychology majors.
- Presented on various topics relating to psychology to chapter.
- Coordinated events to facilitate knowledge in graduate school applications, different sectors of psychology, and how to get involved in research.

Psychology Mentor

Aug. 2020- Dec. 2020

Psychology Honor Society, University of North Texas Chapter

- Provided advice and guidance for new psychology majors.
- Met weekly to answer questions and be a good point of contact for questions about research.

Psychology Department Event Coordinator

Oct. 2022

University of North Texas Psychology Department, Denton Arts and Jazz Festival

- Planned and coordinated department-wide 3-day community event for mental health advocacy, and study recruitment.
- Boosted departmental collaboration among graduate students, faculty, and research laboratories.

HONORS

Dean's List, presented to students completing no fewer than four whole credit courses in the semester and maintained 3.5 Honor Roll.

Semesters: Fall 2018, Fall 2020, Spring 2021

President's List, awarded to students who, completing no fewer than four whole credit courses in the semester, received no grade other than an A.

Semesters: Spring 2019, Fall 2019, Spring 2020

Out of this World Award, awarded for excellence within the Teen St.A.R. Laboratory.

May 2022

Teen St.A.R. Legacy Award, awarded for excellent leadership within the Teen St.A.R. Laboratory.

May 2023

SOFTWARE EXPERIENCE

SPSS: Proficiency in inputting variables, running analyses (i.e., multi-linear regressions, correlations), and syntax editing.

Qualtrics: Experience in creating, administering, and monitoring progress of surveys.

Red Cap: Created multiple surveys and administered those to participants.

R: Competency in running and analyzing basic R code.

SCRAM-CAM: Transdermal alcohol monitoring system strapped to participants. Used detailed algorithm to ensure client met contingency.

SobrLink: Set up and supervised clients giving breath alcohol samples throughout the week during an intervention. Administered feedback according to quality of breath samples.

SobrSafe: Enrolled and monitored clients during dosing study. Constructed and utilized transdermal fingerprint devices for participant lab use.

Inquisit: Aided participants in using program during lab protocol.

ASSESSMENT EXPERIENCE

SCID-5-RV: Structured Clinical Interview for DSM-V

MINI: Mini International Neuropsychiatric Interview

TLFB: Timeline Follow-back for Alcohol and Cannabis Use

C-SSRS: Columbia-Suicide Severity Rating Scale

ABLIS-R: Assessment of Basic Language and Learning Skills

AIM: Behavior Analytic Curriculum for Social Emotional Development in Children

CIWA-R: Clinical Institute Withdrawal Assessment of Alcohol

MMSE: Mini-Mental State Exam

PROFESSIONAL MEMBERSHIPS

Psi Chi Psychological Honor Society Student Member	April 2018- Present
Associate for Behavioral and Cognitive Therapies	Oct 2021- Present
Society of Research on Adolescents Member	March 2022- Present

TRAINING COMPLETED

<i>Applied Behavioral Analysis Certification</i>	Nov. 2020
<i>Collaborative Institutional Training Initiative (CITI)</i>	
– Responsible Conduct of Research	May 2022
– Clinical Trials with Investigational Drugs and Biologics	May 2021
– Social and Behavioral Research	Jan. 2020
<i>Therapeutic Behavioral Services (TBS)</i>	Aug. 2021