

Allegra Skye Anderson

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EDUCATION

Binghamton University (SUNY), State University of New York

Bachelor of Arts in Psychology: May 2016

Cumulative GPA: 3.74/4.00

Psychology GPA: 3.88/4.00

Junior/Senior GPA: 4.0/4.0

RESEARCH INTERESTS: Developmental psychopathology; risk and resiliency factors in the development of anxiety and depression; intergenerational transmission of depression; neuroscience and psychophysiology of anxiety disorders and depression; attentional biases.

EMPLOYMENT EXPERIENCE

Affective & Translational Neuroscience Laboratory

Project Coordinator

2016- Present

University of Maryland, College Park

Principal Investigator: Alexander J. Shackman, Ph. D.

Project Title: Prospective Determination of Neurobehavioral Risk for the Development of Emotion Disorders (Funding: NIMH)

- 30-month longitudinal study incorporating fMRI, psychophysiological, behavioral and ecological momentary assessment measures to assess neurobehavioral risk for the development of depression and anxiety disorders in college students.
- Primary responsibilities include: administering tasks in the lab, mock scanner, and/or fMRI scanner, preparing participants for collection of peripheral physiology/eye-tracking data (including GSR, heart rate, respiration rate), administering surveys, consenting research participants, calibrating equipment, managing undergraduate research assistants, administrative laboratory tasks, screening research participants, creation and implementation of the laboratory's Standard Operating Procedure Manual for Research Assistants, etc.

Project Title: The Role of Anxiety-Related Brain Circuits in Tobacco Dependence and Withdrawal (Funding: NIMH)

- Study incorporating fMRI, psychophysiological, behavioral and ecological momentary assessment measures to understand the role of anxiety and the brain in tobacco use and addiction.
- Primary responsibilities include: taking carbon monoxide measurements from research participants during lab assessments and prior to fMRI scans, administering tasks in the lab, mock scanner, and/or fMRI scanner, preparing participants for collection of peripheral physiology/eye-tracking data (including GSR, heart rate, respiration rate), administering surveys, consenting research participants, calibrating equipment, managing undergraduate research assistants, administrative laboratory tasks, screening research participants, etc.

Alvord, Baker & Associates, LLC.
Clinical Research Coordinator

2016-2017

- Responsibilities include: obtaining consent/assessment and coordinating data collection for an effectiveness study of a resilience-based group intervention, the Resilience Builder Program® (RBP), at both a private practice and low-income schools within Washington, D.C. and Maryland.
- Additional responsibilities include assisting in literature reviews and grant applications, training RA's, managing phone calls from prospective clients, co-leading RBP® therapy groups, scoring research outcome measures, and assisting in the preparation and appropriate documentation for APA-approved Continuing Education workshops.

SCHOLARSHIPS/AWARDS

University of North Carolina at Chapel Hill
Scholarship

April 2016

- UNC Diversifying Clinical Psychology Weekend Program. Competitive award for talented ethnic minority students who are invested in pursuing doctoral-level training in clinical psychology.
- The program includes an intensive set of seminars, panel discussions, and workshops. Travel, housing, and meals are provided.

University of Virginia
Scholarship

April 2016

- UVA Psychology Underrepresented Student Visit Day. Competitive award for research-oriented students from underrepresented groups (e.g. students who identify as an ethnic/racial minority, or first family to attend college) who want to learn more about doctoral programs in clinical psychology.
- Event includes individual and small group meetings with professors to discuss students' intellectual interests, attending research presentations and lab meetings, information on applying to graduate school, etc. Travel, housing, and meals are provided.

HONORS

McNair Scholars Program: National TRIO Program

Initiated 2015

Psi Chi: The National Honor Society in Psychology

Initiated 2015

Secretary of Psi Chi: Binghamton University (SUNY)

2015-2016

Sigma Alpha Lambda, National Leadership and Honors Organization,
Binghamton University (SUNY)

Initiated 2013

Dean's List, Binghamton University (SUNY)

2012-2016

POSTERS AND PUBLICATIONS

- **Anderson, A. S.,** Barstead, M. G., DeYoung, K. D., Shackman, A. J. (2017, November)
Ecological Momentary Assessment Provides New Insights into the Interaction of Neuroticism and Daily Events. Poster to be presented at the 2017 Annual Convention of the Association for Behavioral and Cognitive Therapies.

- **Anderson, A. S.**, Barstead, M. G., DeYoung, K. D., Shackman, A. J. (manuscript in preparation) *Ecological Momentary Assessment Provides New Insights into the Interaction of Neuroticism and Daily Events.*

UNDERGRADUATE RESEARCH EXPERIENCE

Binghamton Mood Disorders Institute

Research Assistant

2015- 2016

Binghamton University (SUNY)

BMDI Lab, Principal Investigator: Brandon E. Gibb, Ph. D.

Project Title: Children’s Attentional Biases: A Key Component of Negative Valence Systems (Funding: NIMH)

- Study incorporating psychophysiological, behavioral, and genetic measures to assess attentional biases in children in relation to symptoms of anxiety and depression.
- Primary responsibilities include: conducting EEG/ERP and eye-tracking experiments on children aged 7-11 to assess attentional biases in relation to symptoms of anxiety and depression; administering child questionnaires (i.e., AFARS, PANAS-C, PH-C, CRSS, RRS, CDI, MASC, PCS, SEQ-SR, ERQ-CA, PBI-K, HSC) to children aged 7-11 to assess symptoms of psychopathology; conducting HRV, EMG, EKG, and EDA experiments on children and their parents to assess physiological synchrony.

Project Title: Life-Stress and Depression Study (Funding: NIMH)

- Multi-wave longitudinal study investigating the development of children’s cognitive susceptibilities to depression in the context of intergenerational transmission of depression.
- Primary responsibilities include: participating in weekly meetings to code UCLA Stress Interview Episodic Stress for children; coding interviews from the “Pathways to Depression in Children of Depressed Mothers Study.”

Principal Investigator: Anastacia Kudinova, MA

Project Title: Immune and Neural Reactivity Study

- Study examining whether cytokine reactivity to an acute social stressor is associated with neurophysiological reactivity to negative stimuli. The secondary aim is to examine potential moderators of this association including history of depression, suicidal ideation, and heart rate variability.
- Primary responsibilities include: administering the Trier Social Stress Test.

Principal Investigator: Mary Woody, MS

Project Title: Attention and Emotion in Women Study

- Study using steady-state visual evoked potentials to evaluate attentional biases in formerly depressed women. This study examines the impact of a negative mood induction, brooding rumination, and heart rate variability.
- Primary responsibilities include: EEG, EKG, HRV, and EDA set-up and clean-up.

Laboratory of Cognition and Consciousness
Research Assistant

2015-2016
Binghamton University (SUNY)

LCC Lab, Principal Investigator: Steven J. Lynn, Ph.D.

Principal Investigator: Anne Malaktaris, MS

Project Title: Chronic Pain and Anxiety Study

- Study exploring attentional biases in individuals with and without chronic pain and anxiety disorders.
- Primary responsibilities include: recruiting and screening potential participants; running participants on E-prime tasks for stimuli presentation and data collection; assessing response latency and accuracy; utilizing of Survey Monkey as an online survey platform for further data collection and screening purposes.

Learning and Representation in Cognition Laboratory

Research Assistant

2014-2015
Binghamton University (SUNY)

Principal Investigator: Kenneth Kurtz, Ph.D.

Project Title: Unidimensional Category Construction

- Study attempting to overcome the unidimensional sorting bias in categorical construction.
- Primary responsibilities include: conducting experiments via E-Prime; assisting in data collection and data entry.

Project Title: Generate

- Study investigating a new mode of category learning based on generating items, evaluating differences in conceptual representation.
- Primary responsibilities include: conducting experiments via E-Prime; analyzing data to assess trends in conceptual representation and category learning.

Project Title: Enhancing Learning and Transfer of Principles via Category Construction (Funding: IES)

- Study implementing category construction to combat the tendency of students to focus on surface characteristics of information during learning.
- Primary responsibilities include: collecting and entering experimental data.

Eye-tracking Laboratory

Research Assistant

2014-2015
Binghamton University (SUNY)

Principal Investigator: Albrecht Inhoff, Ph.D.

Project Title: Gregg, J., & Inhoff, A. W. (in press). *Word Misperception of Orthographic Neighbors in Silent and Oral Reading.*

- Study examining trends of misperception during silent and verbal reading in the context of orthographical interference.
- Primary responsibilities include: administering experiments using the SR Research Eyelink 1000 tower-mounted eye-tracker; conducting drift-correction on experimental data; analysis of experimental data; reviewing literature prior to submission for publication
- This project has been published in the *Journal of Experimental Psychology: Human Perception and Performance*. My assistance has been given a written acknowledgement in the publication.

Project Title: Exploring the Time Course of Lexical Competition and Errors During Visual Word Recognition

- Study utilizing the Stroop Task to examine response latency and accuracy in the context of lexical competition.
- Primary responsibilities include: administering experiments using the SR Research Eyelink 1000 tower-mounted eye-tracker; conducting drift-correction on experimental data; analysis of experimental data.

Project Title: Examining Auditory and Visual Integration of Words in the Visual World Paradigm

- Study investigating auditory and visual measures of word identification, examining word misperception in the context of auditory interference.
- Primary responsibilities include: administering experiments using the SR Research Eyelink II head-mounted eye-tracker; conducting drift-correction on experimental data; analysis of experimental data.

CLINICAL EXPERIENCE

University Counseling Center

2015-2016

Intern as a Mental Health Outreach Peer Educator

Binghamton University (SUNY)

Instructor: Leanna Rice, M.A.

- Managed several outreach programs to educate college students about mental health disorders, suicide prevention, stress management, and destigmatization of mental health issues. Includes Suicide Prevention Gatekeeper Training and Multicultural Competence Training.
- Directed the Mental Health Advocate (MHA) Certificate Series at Binghamton University. Responsibilities include: leading interactive presentations aimed at educating students about mental health awareness, increasing access to mental health resources on campus, and creating an environment on campus that is conducive to open discussion and peer support.

Alvord, Baker & Associates, LLC.

Co-leader of Resilience Builder Program ® therapy groups

2016-2017

- Assisted in leading RBP ® groups within the Alvord, Baker & Associates private practice, as well as within Jackson Road Elementary School for research purposes.
- Responsibilities include: preparing group materials, organizing group activities, tracking group members' progress, and group activities circulating around improving peer relations, emotional regulation, and stress management.

TEACHING EXPERIENCE

Binghamton University (SUNY)

Spring 2016

Teaching Assistant

Psychology Department

- Teaching assistant for a Drugs and Behavior course under Dr. Stephen Lisman. Responsibilities included preparing exam questions based on lecture and textbook material, proctoring exams, leading review sessions, and grading assignments.

Binghamton University (SUNY)

2015-2016

Tutor

Student Athlete Success Center

- Tutored Division I athletes in a variety of courses including Psychotherapy Models and Methods, Statistical Analysis and Design, Drugs and Behavior, Developmental Psychology, General Psychology, and Introduction to Theatre.

LEADERSHIP AND ACTIVITIES

Level 2 Certified MNC Personnel

Maryland Neuroimaging Center

2017

University of Maryland, College Park

Co-founder

Eating Awareness Series of Events (E.A.S.E)

2016

Binghamton University (SUNY)

Secretary

Psi Chi, the National Honor Society in Psychology

2015-2016

Binghamton University (SUNY)

McNair Scholar

McNair Scholars Program, a National TRIO program

2015

Binghamton University (SUNY)

Certified Mental Health Advocate

MHA Certificate Series, Mental Health Awareness Program

2015

Binghamton University (SUNY)

TECHNICAL KNOWLEDGE/SKILLS: MS Office (Word, Excel), operating E-prime, EEG set-up and clean-up (Biosemi system), Eye-tracking (SR Research Eyelink 1000 & SR Research Eyelink II), Facial Electromyography (EMG) set-up and clean-up (BioPac system), Heart Rate Variability (HRV) set-up and clean-up, administering the Trier Social Stress Test, Statistical Analysis (descriptive, t-tests, ANOVA) in SPSS, Electrodermal Activity (EDA) set-up and clean-up, EEG data clean-up and analysis (MATLAB), Qualtrics, Presentation, Galvanic Skin Response (GSR) set-up and clean-up (BioPac system).

*****References available upon request*****