

ALEXANDRA R. TABACHNICK

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EDUCATION

UNIVERSITY OF DELAWARE, Newark, DE

Doctor of Philosophy, *Clinical Science*, expected May 2023

GPA: 4.0/4.0

Mentor: Mary Dozier, PhD

VILLANOVA UNIVERSITY, Villanova, PA

Master of Science, *Psychology*, December 2016

GPA: 4.0/4.0

Mentor: Janette E. Herbers, PhD

Thesis: "Determinants of Mutual Responsiveness: Parent Social Support and Distress in the Context of Family Homelessness"

THE UNIVERSITY OF CHICAGO, Chicago, IL

Bachelor of Arts with General Honors, *Psychology* June 2012

Cumulative GPA: 3.85/4.0; Study Abroad, Jerusalem, Israel, *Spring 2010*

Honors: Dean's List 2008-2012, Phi Beta Kappa

RESEARCH EXPERIENCE

INFANT CAREGIVER PROJECT, *June 2016-present*

University of Delaware, PI: Dr. Mary Dozier

- Specialized Services for Children in their Own Home – Middle Childhood Outcomes (SCOH-MCO) Project: Data collection (in particular event-related potential and autonomic nervous system data), assistance in project management.
- Children Adopted Internationally – Middle Childhood Outcomes (CAI-MCO) Project: Recruitment, training, data collection, and project management.
- Methylation/fMRI: Assistance in scheduling and data collection (in particular parent-child interaction and saliva collection for methylation analysis).

ADVERSITY AND RESILIENCE IN DEVELOPMENT (ARD) LAB, *August 2014-June 2016*

Villanova University, PI: Dr. Janette E. Herbers

- Parents and Children Together Project: Lab manager for a project investigating parenting and well-being of young children in families experiencing homelessness in Philadelphia. Completed interviews, scheduled and trained research assistants, developed and maintained relationships with community partners.
- Thesis Project: Trained two coders to code video-taped parent-child interaction for mutual responsiveness. Analyzing data, and writing manuscript for submission for publication.

WORD RECOGNITION AND AUDITORY PERCEPTION (WRAP) LAB, *August 2014-Present*

Villanova University, PI: Dr. Joseph C. Toscano

- Audiometry/Starling Project: The goal of the project is to compare the efficacy and effectiveness of a speech-specific hearing test to a traditional pure-tone audiogram. Developed a program in MATLAB to administer the pure-tone audiogram. Calibrated speakers using sound level meter and unique conversion equations in MATLAB.
- Event-Related Potential/Auditory Brainstem Response (ERP/ABR) Project: As an independent study, examined the frequency specificity of subcortical and cortical ERP components of the auditory response. Developed a program

in OpenSesame, used MATLAB (EEGLAB/ERPLAB) for data analysis. Collected data using BrainVision EEG System.

SOCIAL NEUROSCIENCE LAB, *October 2009-June 2012*

University of Chicago, PIs: Dr. Louise C. Hawkley, Dr. John T. Cacioppo

- Chicago Health, Aging, and Social Relations Study (CHASRS)/CHEFS Projects: Processed survey responses and physiological data on paper and computer programs for later analysis. Assisted in physiological data collection including heart rate, blood pressure, body fat, spirometry, etc. Managed research assistant task prioritization.

PUBLICATIONS & PRESENTATIONS

Publications

1. Cutuli, J.J., **Tabachnick, A. R.**, Albu, A., Herbers, J. E. (in progress). Health among children experiencing family homelessness: Rates of illness and healthcare during a month in shelter.
2. Cutuli, J.J., **Tabachnick, A. R.**, Albu, A., Herbers, J. E. (in progress). Past and present adversity among children in homeless families: Implications for health.
3. Shaw, S. H., **Tabachnick, A. R.**, Perlman, S., Herbers, J. E. (in progress). Homelessness matters: exploring the unique impact of homelessness on child behavior problems using hierarchical linear modeling.
4. **Tabachnick, A. R.** & Toscano, J. C. (in progress). High-pass filtering obscures stimulus-related effects in auditory brainstem responses: Evidence from click and tone stimuli.
5. **Tabachnick, A. R.** (2015). Biofeedback and anxiety disorders: A critical review of EMG, EEG, and HRV feedback. *CONCEPT*, 38.
6. Sullivan, M. & **Tabachnick, A. R.** (2013). Forge partnerships. In N. Vasan & J. Przybylo, *Do Good Well: Your Guide to Leadership, Action, and Social Innovation* (Ed. 1). San Francisco: Jossey-Bass.

Oral Presentations

1. **Tabachnick, A. R.**, Abott, C., Sacco, G., Bounoua, N. & Grasseti, S.N. (2016, November). *So you want to go to graduate school in psychology? Getting the most out of your undergraduate experience*. Invited talk given as part of a professional development symposium at Delaware State University Dover, Delaware.
2. **Tabachnick, A. R.** (2016, June). *Community-based longitudinal research with families experiencing homelessness*. Presentation given at the 16th annual Cross-University Collaborative Mentoring Conference (CUCMC), University of Delaware, Newark, DE.

Poster Presentations

1. **Tabachnick, A. R.**, Carvalho Pereira, J., Cutuli, J. J., Herbers, J. E. (2017, April). *Determinants of mutual responsiveness: Parent social support and distress in the context of family homelessness*. Poster to be presented at the 2017 biennial meeting of the Society for Research in Child Development, Austin, TX.
2. Jacobs, E. L., **Tabachnick, A. R.**, Kichline, T. C., Herbers, J. E. (2017, April). *Poverty and homelessness: Risk factors for problematic profiles of behavioral functioning in middle childhood*. Poster to be presented at the 2017 biennial meeting of the Society for Research in Child Development, Austin, TX.
3. Panek, K., **Tabachnick, A. R.**, Nordeen, E., Cutuli, J. J., Herbers, J. E. (2017, April). *Health of infants and toddlers experiencing family homelessness: Associations with parent distress and social support*. Poster to be presented at the 2017 biennial meeting of the Society for Research in Child Development, Austin, TX.

4. **Tabachnick, A. R.** & Toscano, J. C. (2016, November). *High-pass filtering distorts auditory brainstem responses: Evidence from Click and tone stimuli*. Poster presented at the 2016 5th joint meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, HI.
5. Jacobs, E. L., **Tabachnick, A. R.**, Kichline, T., Herbers, J. E. (2016, August). *Resilience among children who have faced homelessness*. Poster presented at the 2016 annual convention of the American Psychological Association, Denver, CO.
6. **Tabachnick, A. R.**, Brooks, B., Allen, J. B., Toscano, J. C. (2015, November). *Speech testing using token-level error thresholds: Comparison with pure-tone audiograms*. Poster presented at the annual Auditory Perception, Cognition, and Action Meeting (APCAM) of the Psychonomic Society, Chicago, IL.
7. **Tabachnick, A. R.**, Briggs, K. E., Albu, A., Cutuli, J. J., Herbers, J. E. (2015, May). *Adversity and acute infection among children and adolescents experiencing family homelessness*. Poster presented at the annual convention of the Association for Psychological Science, New York, NY.

CLINICAL EXPERIENCE

Therapeutic Staff Support, CHILD AND FAMILY FOCUS, Valley Forge, PA, September 2013-June 2014

- Provided 1:1 counseling and supervision on an intensive basis utilizing an individualized treatment plan, working in home, school, and community environments
- Assessed treatment progress with Behavior Specialist Consultant, specifically regarding behavior patterns, effective interventions, and environmental influences
- Transferred therapeutic skills to primary caregivers
- Collected qualitative and quantitative data to track client behavior change, including antecedent-behavior-consequence data

Personal Care Assistant, EDBECO, Flourtown, PA, February 2013-September 2013

- Utilized Applied Behavior Analysis (ABA) interventions in direct 1:1 support role with clients age 3-12 years old, with a variety of developmental disorders including Pervasive Developmental Disorder (PDD)
- Collected and organized data regarding client behavior change over time

FUNDING, GRANTS, & AWARDS

2015	Villanova University Graduate Summer Research Fellowship, \$3000
2015-2016	Villanova University Graduate Studies Travel Awards, \$2500
2011	Davis Projects for Peace Grant, \$10,000 for Project Harmony Israel
2011	International Experience Grant, \$3,500 for Project Harmony Israel
2010 & 2011	Daniel Leifer Summer Project Award, \$2000/year for Project Harmony Israel
2010	Bernard O. Brown Service Learning Award, \$2000 for Project Harmony Israel

SKILLS & CERTIFICATIONS

- **Software:** SPSS; MATLAB (EEGLAB & ERPLAB); FileMaker; OpenSesame; Microsoft Access; Praat; Microsoft Word, Excel, Powerpoint (Mac/PC); Teleform; Mindware
- **Programming and Statistics:** SPSS, MATLAB, Python, R

- **Coursework:** Programming for Everybody (Python), University of Michigan – Coursera.org; The Data Scientist’s Toolbox, Johns Hopkins University – Coursera.org; R Programming, Johns Hopkins University – Coursera.org; Data Analysis for Life Sciences 1: Statistics and R, HarvardX – EdX
- **Language:** Conversational modern Hebrew (studies through the graduate level)

LEADERSHIP

Vice President, PSI CHI (Villanova Chapter), Villanova, PA, June 2015-June 2016

Co-Founder/Co-Director, PROJECT HARMONY ISRAEL, Jerusalem, Israel, October 2009-August 2014

- Created an English-language immersion summer program to promote positive communication between Arabs and Jews in collaboration with the Hand in Hand network of integrated schools
- Raised over \$50,000 through University grants, other awards, and online fundraising
- Developed a series of English-language, fine arts, music, theater, athletics, and team-building curricula intended for young people ages 10-15
- Recruited 20 campers for summer 2010; 50 campers for 2011; 90 campers for 2012; 130 campers for 2013
- Implemented the program and managed over twenty-five administrative staff and summer counselors each summer

SERVICE

2016	Reviewer, Child and Family Social Work
2015	Judge of Elections, Plymouth 3-2, Montgomery County, PA
2014-Present	Trauma-Informed Childcare Volunteer, Homeless Health Initiative of Children’s Hospital of Pennsylvania
2014	Co-Reviewer with Dr. Janette Herbers, Developmental Psychology
2014	Volunteer, Cradles to Crayons
2010-2011	Co-Founder, Open Debate for Public Engagement, University of Chicago, IL
2008-2009	Theater Teacher, School Partnerships Program, University of Chicago, IL

PROFESSIONAL MEMBERSHIPS

Society for Research in Child Development
 Acoustical Society of America
 Eastern Psychological Association
 Association for Psychological Science
 The Psychonomic Society
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