

# Andrea Janelle Martinez

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## EDUCATION

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**University XXXX**, Doctor of Philosophy (Ph.D.) in Neuroscience (Expected) June 2017  
Dissertation Topic: *Reframing Non-nested Multilevel Models*

**University of XXXX** Master of Arts (M.A.) in Psychology December 2013  
Master's Thesis: *The Effect of Neurological Developmental Interventions on Trauma Resilience*

**University of XXXX**, Bachelor of Arts (B.A.), *Magna Cum Laude* May 2010  
Majors: Psychology/Criminology  
Senior Honors Thesis: *Using Individual Differences to Support Resilience in Trauma Survivors*

## RESEARCH EXPERIENCE

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**Pre-Doctoral Trainee**, Integrated Neurology Laboratory July 2014 — Present  
*University of XXXX*  
Training Program in Neurological Health Services Research  
Advisor: Dr. Rosa Miraflores & Dr. Ying Xiong  
Research Focus: Psychosocial predictors of recovery and relapse in drug abuse;  
Advanced methods for longitudinal substance abuse research

**Graduate Student Researcher**, Department of Neuroscience September 2012 — Present  
*University of XXXX*  
Advisor: Dr. Philip Cousteau  
Research Focus: Multilevel Modeling and Longitudinal Data Analysis- Effects of study design on power and parameter reliability; Effect size in multilevel models

**Graduate Student Researcher**, Department of Neuroscience August 2015 — November 2015  
*University of XXXX*  
Advisor: Dr. Jennifer Faust & Dr. Adam D. Howard  
Research Focus: Evaluation of a software application designed to improve pre-literacy and numeracy skills in young children.

**Graduate Student Researcher**, Department of Psychology September 2014 — December 2014  
*University of XXXX*  
Supervisor: Dr. Joshua Moure-Jenks  
Research Focus: Using the general linear mixed model to examine the effects of school level predictors on the probability of students cross ethnic friendships.

## **PUBLICATIONS**

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### *Under Review:*

Martinez, A. J., Kraft, J. P., Putney, K. A., & Chanarandra, B. F. (under review). Capturing treatment effects over time: More power without more subjects. *Journal of Neuroscience*

### *Peer-Reviewed Manuscripts:*

Tsai, K. H., Martinez A. L., Lark, R. E., Duong E., Mueller C., Kraft, J. P., & Chorpita, B. F. (in press). Do treatment plans matter? Moving from recommendations to action. *Journal of Interdisciplinary Sciences*

Morena, R. I., Martinez, A. J., Gadre, P. A., & Bowler, J. E (2016). Positive affect and neurological imprinting in breast cancer survivors: Examining the role of resilience. *Neuroscience and Medicine*. 78 (5). 532-541.

Tsing, K. P., Martinez, A. J., Peterson, T. E., Nicholas, C. L., & Shenandoah, S. J. (2015). Interpreting progress feedback to guide clinical decision-making in children's neurological treatments. *Administration and Policy in Neuroscience Research*, 1-8.

## **POSTERS & PRESENTATIONS**

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Martinez, A. J., & Grella, C. E.. (2016) *Gender differences in the effects of concurrent drug use on the risk of heroin relapse*. Poster presented at 2016 College of Problems in Drug Dependence (CPDD), Palm Springs, CA.

Park, A. L., Martinez, A. J., Raygoza, N. & Chorpita, B. F. (2015) *Coordination of a modular evidence-based treatment to target comorbid psychopathology*. In Guan, K., & Park, A. L. (Chairs), *Improving our understanding of adaptations to evidence-based treatments*. Paper symposium at the 49<sup>th</sup> Annual Convention of the Association of Behavioral and Cognitive Therapies (ABCT), Chicago, IL.

Martinez, A. J. Krull, J. L., Trickey, K. A., & Chorpita, B. F. (2015). Comparing aspects of data collection to improve statistical power. Paper presented at 2015 Modern Modeling Methods (M3) Conference, Storrs, CT.

Arruda, E. H., & Martinez, A. J. (2014). *Dynamic group effects in longitudinal treatment data: Beyond infra- and inter-individual change*. Poster presented at 2014 Association for Psychological Science (APS) Conference, San Francisco, CA.

## FUNDING

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**National Institutes of Health, National Research Service Award** July 2014 - Present  
Integrated Health Sciences (IHS) Research Training Program, University of XXXX

**Summer Quantitative Methods Scholarship** June 2013  
Mediation Analysis, Portland State University

## TEACHING EXPERIENCE

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**Teaching Assistant**, Department of Neuroscience, University of XXXX  
*Introduction to Neuroscience* Fall 2015  
*Psychological Statistics* Fall 2013, Spring 2014, Summer 2014 A&C, Spring 2015  
*Research Methods* Winter 2014  
**Teaching Assistant**, Department of Psychology, University of XXXX Spring 2008, Spring 2010  
*Freshman Orientation to Research and Undergraduate Mentoring* Fall 2009  
*Freshman Advising Contact Term*

## INVITED COLLOQUIA

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**Considerations for Neuroscience in Multilevel Models**, Invited Talk, November 2015  
State University of XXX

**Introduction to Multilevel Models**, Guest Lecture, June 2015  
Introduction to Psychological Statistics, University of XXXX

## HONORS AND AWARDS

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**University of XXXX**  
Dean's List  
Provost's Honor Roll  
President's Honor Roll  
Psi Chi Honor Society  
Gamma Sigma Alpha, Greek Honor Society

## SERVICE AND PROFESSIONAL DEVELOPMENT

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**Attendee, Social and Behavioral Sciences Workshop** May 2014  
**Modern Modeling Methods (M3) Conference** July 2014  
**Prospective Student Visiting Day Coordinator, Department of Neuroscience** 2014  
**Attendee, UC-Educational Evaluation Center** Summer 2013  
**Institute for Training in Educational Evaluation** September 2013  
**Ad Hoc Reviewer**  
*Multivariate Behavioral Neuroscience*  
*Journal of Neuroscience*  
**Panelist, "Nuts and Bolts of Preparing for Graduate School"**, Spring 2012  
Office of Residential Life, University of XXXX

## **PROFESSIONAL ORGANIZATIONS & AFFILIATIONS**

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American Psychological Association  
American Society of Neuroscience  
Association for the Interdisciplinary Sciences

## **SKILLS & TRAINING**

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Proficient in SAS, R, LISREL, EQS, MPlus, IBM SPSS (PASW Statistics), PsychoPhys, Survey Monkey, File Maker Pro, NVivo, SNAP Survey Software  
QPR Suicide Prevention Gatekeeper  
CITI: Social and Behavioral Research: Basic Course  
Spanish (Working Knowledge)

