

**Danyel Arlyssa Vargas Moosmann**

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**EDUCATION**

PhD   Family and Human Development, Arizona State University	2014
MA   Psychology – Child Development, California State University, San Bernardino	2010
BA   Psychology and Human Development, California State University, San Bernardino	2006
AA   General Education, Chaffey College, Rancho Cucamonga, California	2003

**PROFESSIONAL EXPERIENCE**

Project Manager | Tufts Interdisciplinary Evaluation Research (TIER), Tufts University 1/2016–present  
Managing a needs assessment for the Massachusetts Department of Public Health to determine which 17 communities across the state experience the most significant challenges related to socioeconomic status, housing, maternal and child health, and substance misuse to allocate funding for programs and resources that aim to mitigate negative outcomes associated with these challenges for families with young children within these communities.

- Coordinating deliverables
- Liaising with funder
- Managing research assistants' daily tasks
- Managing data collection, cleaning, and quality control for 42 state- and city/town-level data indicators
- Lead creator of data visualization templates and maps for community profiles
- Lead report writer on extant statewide community health needs assessment review

Managed data collection and analysis for a National Scan on Home Visiting programs that serve juvenile justice system-involved young parents for the Annie E. Casey Foundation

- Managed an online survey platform including downloading, cleaning, and recoding data
- Lead data analyst for final report and lead creator of data visualization templates

Managed the evaluation of United Way of Massachusetts Bay and Merrimack Valley's Summer Learning Collaborative from 2016–2018

- Managed the budget
- Interviewed and hired several research assistants
- Trained research assistants and staff staff on a standardized literacy assessment
- Managed research assistants' daily tasks and provided mentorship
- Liaised with funder and community organizations
- Coordinated data collection with 24 community organizations across Greater Boston, Merrimack Valley, and the North Shore
- Lead data analyst and report writer
- Lead presenter of evaluation findings and recommendations

Managed data collection and analysis for a longitudinal randomized controlled trial evaluation of a statewide home visiting program for the Children's Trust

- Managed research protocol documentation
- Designed and managed an online survey platform
- Lead data analyst for the final evaluation report for funders
- Lead data analyst for secondary data analysis projects

**Planning Analyst** | Office of the University Provost, Arizona State University 08/2014–08/2015

Lead analyst for several projects that examined academic success of university students

- Managed an examination of the psychometric properties of a University wide survey
- Principal investigator for a longitudinal research study that examined freshmen's employment

- Managed an examination of military and veteran students' college adjustment
- Managed an evaluation that examined the effectiveness of a peer coaching program for underserved freshmen populations
- Obtained, cleaned, and organized University warehouse data
- Conducted statistical analyses in SAS, Mplus, and SPSS
- Advised University Provosts and Directors on statistical findings to make University policy decisions

**Cowden Fellow** | Prevention Research Center, Arizona State University 08/2010–05/2014

Lead author and data analyst for a longitudinal study that examined how contextual factors helped explain Mexican Americans' health disparities

- Managed, mentored, and trained undergraduate research assistants
- Managed literature searches used to develop research questions
- Managed a large longitudinal database ( $N = 749$ , four waves)
- Conducted statistical analyses in SPSS and Mplus
- Lead author on several peer-reviewed scholarly articles
- Lead presenter at national research conferences
- Independently interpreted results and reported findings to team members
- Evaluated field interviewers to ensure that culturally sensitive approaches were followed

**Graduate Research Manager** | Psychology, California State University, San Bernardino 08/2009–06/2010

Managed a study that examined the impact of early trauma on inmate women's adult psychological functioning in collaboration with the San Bernardino County Sheriff's Department

- Managed research protocol preparation for Institutional Review Board approval
- Liaised with funder
- Managed all aspects of data collection, data entry, data cleaning, and data analysis
- Trained undergraduate research assistants on research protocol
- Managed undergraduate research assistants' daily tasks

**Graduate Research Manager** | Psychology, California State University, San Bernardino 04/2009–6/2009

Managed a study that examined the association between preschoolers' cortisol levels and their cognitive and motor skills

- Managed all aspects of data collection, data entry, data cleaning, and data analysis
- Collected children's cortisol levels
- Administered preschool readiness assessments to children
- Managed undergraduate research assistants' daily tasks

**Graduate Research Assistant** | Psychology, California State University, San Bernardino 11/2008–06/2009

Examined the associations between creativity, extracurricular activities, and social skills in middle childhood

- Conducted literature searches
- Collected data at elementary schools
- Coded qualitative data
- Managed SPSS data entry
- Trained research assistants to score measures and enter data into SPSS

**Research Assistant** | Psychology, California State University, San Bernardino 11/2006–06/2008

Examined the effectiveness of an early intervention parenting program for underserved families

- Assisted with the development of research protocol for IRB approval
- Completed literature searches and reviews
- Collaborated with parenting education and mental health professionals to coordinate data collection
- Collected data at various community locations
- Entered data and cleaned databases in SPSS
- Coded parent-child interaction videos

- Prepared client evaluation summary reports for FIRST 5 of California

### **STATISTICAL SKILLS**

Analysis of Variance	Mediation and Moderation Analyses
Dyadic Data Analysis	Measurement Invariance
Factor Analysis	Missing Data Analysis
Latent Class Analysis	Multilevel Modeling
Logistic Regression	Multiple Regression
Longitudinal Growth Modeling	Path Analysis

### **SOFTWARE SKILLS**

Adobe Illustrator	Mplus
ArcMap	SAS
EndNote	SPSS
Hyperion	Tableau
Microsoft Office	Qualtrics

### **PEER-REVIEWED PUBLICATIONS**

**Moosmann, D. A. V.,** & Roosa, M. W. (2015). Exploring Mexican American adolescent romantic relationship profiles and adjustment. *Journal of Adolescence, 43*, 181-192. doi:10.1016/j.adolescence.2015.06.004

**Moosmann\*, D. A. V.,** Roosa\*, M. W., & Knight, G. P. (2014). Generational patterns in Mexican Americans' academic performance in an unwelcoming political context. *Journal of Applied Developmental Psychology, 35*, 102-110. doi:http://dx.doi.org/10.1016/j.appdev.2013.11.005

\*Authors made equal contributions.

**Vargas, D. A.,** Roosa, M. W., Knight, G. P., & O'Donnell, M. (2013). Family and cultural processes linking family instability to Mexican American adolescent adjustment. *Journal of Family Psychology, 27*, 387-397. doi:10.1037/a0032863

Roosa, M.W., Gonzales, N. A., Knight, G. P., & **Vargas, D. A.** Children and families. (2013). In F. Leong, V. McLoyd, L. Comas-Diaz, G. Nagayama Hall, & J. Trimble (Eds.), *APA Handbook of Multicultural Psychology*. Washington, DC: APA Books.

Lakes, K., **Vargas, D. A.**, Riggs, M., Schmidt, J., & Baird, M. (2011). Parenting intervention to reduce attention and behavior difficulties in preschoolers: A CUIDAR evaluation study. *Journal of Child and Family Studies, 20*, 648-659. doi:10.1007/s10826-010-9440-1

### **SELECTED CONFERENCE PRESENTATIONS**

**Vargas, D. A.,** & Roosa, M. W. (2013, April). *A Longitudinal Examination of the Influences of Parenting Processes on Mexican American Adolescent Romantic Relationships*. Poster presented at the Society for Research in Child Development's Biennial Meeting, Seattle, Washington.

**Vargas, D. A.,** Roosa, M. W., Knight, G. P. & O'Donnell, M. A. (2012, March). *Family instability and Mexican American adolescents: Examining culture as a protective factor*. Poster presented at the Biennial Meeting of the Society for Research on Adolescence, Vancouver, BC, Canada.

**Vargas, D. A.,** Wong, E. H., & Kamptner, N. L. (2011, March). *Peers as a social-contextual factor on adolescents' academic and career motivation*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Montreal, QC Canada.

**Vargas, D. A.,** Kamptner, L., & Wong, E. (2010, April). *Examining the relationship between parental monitoring and adolescent females' sexual debut*. Poster presented at the Western Psychological Association Conference in Cancun, Mexico.

Wilcox-Herzog, A., Ward, S. L., **Vargas, D. A.**, Patterson, T., Meggit, D., Hammond, H., & Barnes-Laney, L. A. (2009, April). *Creativity and extracurricular activities in early middle childhood*. Poster presented at the Biennial Meeting of the Society for Research in Child Development in Denver, CO.

**Vargas, D. A.**, Lakes, K., Schmidt, J. (2008, August). *Early parenting intervention: Improving access and outcomes for Latino families*. Poster presented at the annual conference of the American Psychological Association in Boston, MA.

**Vargas, D. A.**, Lakes, K., Schmidt, J., Riggs, M., & Baird, M. (2008, April). *Latino families and the parental modernity scale of child rearing beliefs*. Poster presented at the annual conference of the Western Psychological Association in Irvine, CA.

Schmidt, J., **Vargas, D. A.**, Lakes, K., Baird, M., & Riggs, M. (2007, December). *Barriers to early intervention for Latino families*. Poster presented at the annual conference of the National Training Institute: Zero to Three in Orlando, FL.

### **SELECTED POLICY BRIEFS AND REPORTS**

Goldberg, J., Fauth, R.C., **Moosmann, D. A V.**, Winestone, J. G., & Litovich, M. (2020). *Massachusetts Maternal, Infant, and Early Childhood Home Visiting (MA MIECHV) 2020 Needs Assessment. Report to the Massachusetts Department of Public Health (MDPH):* Medford, MA: Tufts Interdisciplinary Evaluation Research (TIER), Tufts University.

Fauth, R. C., **Moosmann, D. A. V.**, Winestone, J. G., Birudavol, J., & Goldberg, J. (2020). *National Scan of Home Visiting for Justice System-Involved Parents*. Final report to the Annie E. Casey Foundation. Medford, MA: Tufts University.

**Moosmann, D. A. V.**, Fauth, R. C., Marin, A. S., & Goldberg, J. (2019). *Needs Assessment Review Across Massachusetts 2015–2019*. Deliverable to the Massachusetts Department of Public Health. Medford, MA: Tufts University.

**Moosmann, D. A. V.**, Fauth, R. C., Neiswender, C. L., & Aasland, K. L. (2018). *An Evaluation of the Summer Learning Collaborative 2018, Massachusetts Bay and Merrimack Valley*. Final report to the United Way of Massachusetts Bay and Merrimack Valley. Medford, MA: Tufts University.

**Moosmann, D. A. V.**, Aasland, K. L., & Fauth, R. C. (2017). *An Evaluation of the Summer Learning Collaborative 2017, Massachusetts Bay and Merrimack Valley*. Final report to the United Way of Massachusetts Bay and Merrimack Valley. Medford, MA: Tufts University.

Tufts Interdisciplinary Evaluation Research (2017). *The Massachusetts Healthy Families Evaluation-2 Early Childhood (MHFE-2EC): Follow-up study of a randomized, controlled trial of a statewide home visiting program for young parents*. Final report to Massachusetts Department of Public Health, Children’s Trust of Massachusetts. Medford, MA: Tufts University.

**Moosmann, D. A. V.**, Fauth, R. C., & Goldberg, J. (2016). *An Evaluation of the Summer Learning Collaborative 2016, Massachusetts Bay and Merrimack Valley*. Final report to the United Way of Massachusetts Bay and Merrimack Valley. Medford, MA: Tufts University.

### **TEACHING EXPERIENCE**

**Online Instructor** | Sanford School, Arizona State University 06/2011– 12/2011  
Personal Growth in Human Relationships – FAS 101

**Instructor** | Psychology, California State University, San Bernardino 09/2008– 12/2009  
Observation and Methods in Child Development – HD 245/246

**Substitute Teacher** | Preschool to 8<sup>th</sup> grade  
Multiple Subjects  
Physical Education

11/2005–06/2010

**AWARDS**

Travel Grant   Sanford School & Graduate College, Arizona State University	04/2013
Travel Grant   Sanford School, Arizona State University	03/2012 & 03/2011
Research and Travel Award   California State University, San Bernardino	04/2009 & 04/2010
Second Place Student Research Award   California State University, San Bernardino	06/2009

**COMMUNITY LEADERSHIP AND SERVICE**

Student Mentor	2010–present
Ad Hoc Reviewer – Issues in Mental Health Nursing	2018
Ad Hoc Reviewer – Journal of Family Psychology	2014–2015
Greater Boston Evaluation Network	2019–present

**REFERENCES**

Rebecca Fauth, Research Assistant Professor  
Eliot-Pearson Department of Child Study and Human Development, Tufts University  
Email: [Rebecca.Fauth@tufts.edu](mailto:Rebecca.Fauth@tufts.edu); Office Phone: (617) 627-0104

N. Laura Kamptner, Professor of Psychology  
California State University, San Bernardino  
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Mark W. Roosa, Emeritus Professor  
The T. Denny Sanford School of Social and Family Dynamics & Prevention Research Center  
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