

Danyel Arlyssa Vargas Moosmann

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Danyel.Moosmann@tufts.edu**EDUCATION**

PhD | Family and Human Development, Arizona State University 2014

MA | Psychology with a concentration in Child Development, California State University, San Bernardino
2010BA | Dual Degree—Psychology and Human Development, California State University, San Bernardino
2006

AA | General Education, Chaffey College, Rancho Cucamonga, California 2003

PROFESSIONAL EXPERIENCE**Project Director** | Tufts Interdisciplinary Evaluation Research (TIER), Tufts University 03/2023–presentCurrent projects

Direct survey administration for two mixed methods evaluations; one evaluation focuses on understanding the role of the Parents as Teachers (PAT) home visiting program in supporting families who are negatively impacted by using substances and the other focuses on understanding healthcare providers and family support workers knowledge and experience with the Massachusetts Paid Family and Medical Leave benefit

- Liaise with leadership teams
- Co-design surveys and administer surveys via online platform—Qualtrics
- Track survey completion and distribute incentives
- Develop and manage data cleaning protocols
- Design and execute analytic plans
- Lead dissemination of survey findings via briefs and presentations

Co-direct the Healthy Families Massachusetts Family Financial Pilot evaluation which focuses on learning how an 18-month guaranteed basic income program impacts home visiting participation and family outcomes

- Liaise with leadership team and Pilot home visiting site
- Administer surveys via online platform—Qualtrics
- Lead qualitative data collection recruitment and co-lead focus group
- Clean and code large database of spending data
- Track survey completion and distribute incentives
- Develop and manage data cleaning protocols
- Co-design and execute analytic plans
- Co-lead dissemination of survey findings via briefs and presentations

Direct evaluation of the Nurturing Fathers Program which focuses on learning whether fathers participating in a 13-week training parenting course experience change in their perceptions from the start to the end of the parenting course

- Liaise with leadership team
- Design and develop data collection protocols and data management systems
- Train and manage data analysis team in research software—SPSS
- Design, develop, and execute analytic plan
- Lead report writer and disseminator of evaluation findings and coordinator for all deliverables

Co-write several white papers as part of the Roca Young Women's Program mixed methods evaluation which focuses on understanding participants unique characteristics, service needs, and immediate- and longer-term outcomes

- Liaise with leadership team
- Conduct multiple literature searches and reviews
- Write and design reports

Direct the TIER website and data visualization for all of TIER's evaluations and deliverables

- Manage content of TIER website
- Design, develop, and review all public-facing materials, including evaluation reports, presentations, graphics, and recruitment materials
- Support colleagues with data visualization and provide coaching and mentorship

Previous projects

Directed a supplemental analysis of the Communities that Care Youth Survey for the City of Medford's Office of Prevention and Outreach (OPO)

- Liaised with leadership team
- Designed and developed data collection protocols and data management systems and analytic plan
- Led design and dissemination of deliverables
- Presented survey findings to the Medford Superintendent's Office

Directed a document review as part of the Preschool Development Grant (PDG) Birth to 5 Needs Assessment and Evaluation for the Massachusetts Department of Early Education and Care

- Conducted literature search and review
- Coded findings into key themes
- Wrote and designed final report

FIRST (Families In Recovery Support) Steps Together—directed an evaluation of a home visiting program available to parents with young children who are in recovery from substance use disorder

- Designed and developed mixed methods evaluation plan and timeline
- Collaborated with FIRST Steps Together providers and administrators to design 4 online surveys
- Designed and developed data collection protocols and data management systems
- Liaised with funder and leadership at the 7 FIRST Steps Together sites throughout Massachusetts
- Managed research team and provided mentorship
- Trained analysis team in research software, including Excel, SPSS, and Qualtrics
- Designed, developed, and executed analytic plan
- Designed and developed data visualization dashboards for use by sites with clients
- Led report writing and dissemination of evaluation findings and coordinator for all deliverables

Stop Abuse for Every (SAFE) Child Communities—directed an evaluation of a collective impact initiative aimed at preventing child maltreatment in Massachusetts

- Designed and developed mixed methods evaluation plan and timeline
- Liaised with funder and leadership at the 6 family centers throughout Massachusetts
- Designed and developed data collection protocols, including surveys for community providers and families, and interviews and focus groups
- Managed data collection protocols and data management systems
- Designed, developed, and executed analytic plan
- Led dissemination of evaluation findings and coordinated all deliverables

Parents as Teachers (PAT)—directed the quantitative component of a mixed methods evaluation focused on understanding how PAT supports families involved with child protective services

- Designed, developed, and managed data cleaning protocols for 10 PAT sites across Massachusetts
- Trained analysis team in research software and methods, and provided mentorship
- Designed, developed, and executed analytic plan
- Led report writing and dissemination of quantitative findings

Project Manager | Tufts Interdisciplinary Evaluation Research (TIER), Tufts University 01/2016–03/2023

Co-authored a legislative report for the Massachusetts Department of Public Health that focuses on understanding the criminal prosecution of pregnant and postpartum people

- Managed comprehensive scan of Massachusetts programs and policies affecting pregnant and postpartum people, including youth, who are involved in the criminal legal system
- Led report writing and design

Directed the execution of a final report for a yearlong evaluation (HOPE)

- Managed daily tasks of the entire research team and provided mentorship
- Designed, developed, and executed quantitative analytic plan
- Contributed to report writing

Co-directed an evaluation for the Massachusetts Tobacco Cessation and Prevention Program to understand how the Massachusetts Department of Public Health can better tailor its tobacco and nicotine cessation efforts to meet the unique needs of pregnant and parenting people in Massachusetts, to promote quit success

- Managed the budget and scope of work
- Managed the evaluation timeline and coordinated deliverables
- Liaised with funder and leadership at statewide organizations
- Managed daily tasks of the entire research team and provided mentorship
- Trained research analysts in two platforms—a social sciences software package (SPSS) and an online data collection website (Qualtrics)
- Designed and developed data collection protocols for two online surveys of 434 individuals across statewide organizations
- Designed, developed, and executed analytic plan
- Designed, developed, and executed data visualization aspects of the report, including maps and presentations
- Led report writing and dissemination

Managed a needs assessment for the Massachusetts Department of Public Health to determine which 17 communities across the state experienced 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

- Coordinated deliverables
- Liaised with funder
- Managed research assistants' daily tasks and provided mentorship
- Managed data collection, cleaning, and quality control for 42 city/town and state-level data indicators
- Designed data visualization templates and maps for community profiles
- Contributed to report writing

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

- Managed an online survey platform, including downloading, cleaning, and recoding data
- Led data analysis for the final report and created data visualization templates

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

- Designed and developed the evaluation plan
- Managed the budget
- Interviewed and hired 6 research assistants
- Trained research assistants and 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
- Led data analysis
- Led report writing and dissemination

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 online survey platform
- Led data analysis for several workstreams

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 first-year student 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 first-year 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 the 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 California

QUANTITATIVE SKILLS

Dyadic Data Analysis

Measurement Invariance

Factor Analysis

Missing Data Analysis

Latent Class Analysis

Multilevel Modeling

Logistic Regression

Multiple Regression

Longitudinal Growth Modeling

Path Analysis

Mediation and Moderation Analysis

STATISTICAL, RESEARCH, and DATA VISUALIZATION SKILLS

Adobe Illustrator

SAS

ArcMap

SPSS

EndNote

STATA

Hyperion

Tableau

Microsoft Office

Qualtrics

Mplus

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-Díaz, 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

Professional Written Work

Fauth, R.C., Easterbrooks, M.A., **Moosmann, D. A. V.**, Kotake, C., & Dooley, R.A (2024). Roca: Working with traumatized young women. Tufts Interdisciplinary Evaluation Research (TIER), Tufts University.

<https://sites.tufts.edu/tier/files/2024/11/WORKING-WITH-TRAUMATIZED-YOUNG-WOMEN.pdf>

Fauth, R.C., **Moosmann, D. A. V.**, & Easterbrooks, M.A. (2024). How Roca supports young women experiencing human trafficking. Tufts Interdisciplinary Evaluation Research (TIER), Tufts University.

<https://sites.tufts.edu/tier/files/2024/11/HOW-ROCA-SUPPORTS-YOUNG-WOMEN-EXPERIENCING-HUMAN-TRAFFICKING.pdf>

Fauth, R.C., & **Moosmann, D. A. V.** (2024). Directory of self-report measures of internal engagement. Home Visiting Applied Research Collaborative (HARC) and Tufts Interdisciplinary Evaluation Research (TIER), Tufts University.

<https://hvresearch.org/wp-content/uploads/2024/06/Directory-of-Self-Report-Measures-of-Internal-Engagement.pdf>

Fauth, R.C., Naeem, U., & **Moosmann, D. A. V.** (2024). Healthy Families Massachusetts cost-benefit analysis. Tufts Interdisciplinary Evaluation Research (TIER), Tufts University.

https://sites.tufts.edu/tier/files/2024/04/HFM-CBA-Brief_042524.pdf

Goldberg, J., Thompson, M., Coffman, C., & **Moosmann, D. A. V.** (2023). Collaboration between Healthy Families Massachusetts (HFM) and Medical Legal Partnership Boston (MLPB): Enhancing home visiting to advance equity. Medford, MA: Tufts Interdisciplinary Evaluation Research (TIER), Tufts University.

<https://sites.tufts.edu/tier/files/2023/08/MLPB-Infographic-081823-final.pdf>

Singhal, N., Fauth, R.C., Thompson, M., Posner, E., & **Moosmann, D. A. V.** (2023). Recovery support through home visiting. Medford, MA: Tufts Interdisciplinary Evaluation Research (TIER). Tufts University.

https://sites.tufts.edu/tier/files/2023/10/Parents-in-Recovery-Summary_Final.pdf

Moosmann, D. A. V., Singhal, N., & Goldberg, J. (2022). Final report: An evaluation of the perinatal tobacco cessation efforts in Massachusetts. Report to the Massachusetts Tobacco Cessation and Prevention Program (MTCP) of the Massachusetts Department of Public Health (MDPH): Medford, MA: Tufts Interdisciplinary Evaluation Research (TIER), Tufts University

https://sites.tufts.edu/tier/files/2025/01/Final-Evaluation-Report-to-MTCP_042222_title-updated.pdf

Moosmann, D. A. V., and Fauth, R. C. (2022). *Adult-Adolescent Parenting Inventory (AAPI-2) Results: Hampshire County Jail House & Correction*. Deliverable to the Children's Trust Massachusetts. Medford, MA: Tufts University.

Moosmann, D. A. V., Goldberg, J., and Fauth, R. C. (2021). A closer look at families' experiences with Massachusetts family support programs during the COVID-19 pandemic. Deliverable to the Children's Trust Massachusetts. Medford, MA: Tufts University. https://childrenstrustma.org/uploads/files/PDFs/COVID19-Survey-Findings_Two-Page.pdf

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: Tufts Interdisciplinary Evaluation Research (TIER), Tufts University.

<https://sites.tufts.edu/tier/files/2021/06/pub2020MA-MIECHV-Assess.pdf>

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. <https://sites.tufts.edu/tier/files/2021/08/pub2020NationalScanHomeVisiting.pdf>

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.

Easterbrooks, M.A., Chaudhuri, J., Fauth, R., Contreras, M., Kotake, C., **Moosmann, D. A. V.**, Katz, R., Menon, M., Brady, M., & Doherty, L. (2017, December). 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: Tufts Interdisciplinary Evaluation Research, Eliot-Pearson Department of Child Study and Human Development Department of Urban and Environmental Policy and Planning, Tufts University.

<https://sites.tufts.edu/tier/files/2021/06/tuftsFinalReportFull2017.pdf>

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.

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.

TEACHING EXPERIENCE

Online Instructor Sanford School, Arizona State University Personal Growth in Human Relationships – FAS 101	06/2011–12/2011
Instructor Psychology, California State University, San Bernardino Observation and Methods in Child Development – HD 245 & HD 246	09/2008–12/2009
Substitute Teacher Preschool to 8 th 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

REFERENCES

Jessica Goldberg, Research Associate Professor
 Eliot-Pearson Department of Child Study and Human Development, Tufts University
 Email: Jessica.Goldberg@tufts.edu; Office Phone: (617) 627-0105

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

N. Laura Kamptner, Emeritus Professor
 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
 Arizona State University
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Jennifer Wilken, Director of Enrollment Analysis
 Office of the University Provost, Arizona State University
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