

CHIE KOTAKE

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EDUCATION

Ph.D. in Child Study and Human Development, Tufts University, *Medford, MA*
May 2015

M.A in Child Study and Human Development, Tufts University, *Medford, MA*
May 2010

B.A. in Psychology, Smith College, *Northampton, MA*
May 2005

- Minor: Education and Child Study

SKILLS

- **Statistical analysis:** SPSS, Stata, MPlus, Python
- **Data collection and coding:** Qualtrics, BioLab2.2, Actiwatch Actigraphy System, Cortisol collection, Interact 9 coding software
- **Languages:** English and Japanese
- **Research:** Design/analysis and project management
- **Licenses:** Infant/Toddler and Preschool Teacher (Department of Early Education and Care)

FELLOWSHIPS/HONORS

- Outstanding Poster Award at Annual Rudd Adoption Conference (2014)
- Doris Duke Fellowships for the Promotion of Child Well-Being: Seeking Innovations to Prevent Child Abuse and Neglect (2013 – 2015)
- Phi Beta Kappa (2005)
- Psi Chi National Honors Society (2005)
- Sigma Xi member (2005)
- Dean's List for every semester Fall 2001 – Spring 2005
- Cum Laude (2005)
- First Group Scholar (2004)

RESEARCH EXPERIENCE

Project Manager, Tufts Interdisciplinary Evaluation Research (TIER), Tufts University, *Medford, MA*
December 2021 – present

- Lead data analyst for the evaluation of Roca Young Mothers Program (YMP) and the evaluation of the Healthy Families Massachusetts Family Financial Pilot (FFP).
- Oversee maintenance, coding, and cleaning for several large and complex data sources including Roca YMP Efforts to Outcome (ETO) program data, state agency administrative data for Massachusetts and Connecticut, and the FFP program data.
- Lead and guide the Roca leadership team with data quality management for their ETO program data and the data linkages with state agency administrative data.
- Lead the development of analytic plans and data analysis alongside interpretation for Roca and FFP using various statistical software programs (e.g., SPSS, MPlus, Stata, Python).
- Stay up-to-date on statistical methods and software and advance my skills continually.
- Manage and train graduate students and fellow project managers in data cleaning.

- Provide mentorship and training in data cleaning and preparation to colleagues, including principal investigators, for other TIER evaluation projects—Medical-Legal Partnership Boston (MLPB) and the MA MIECHV Coordinated State Evaluation (CSE).
- Served as a lead data analyst for the statewide evaluation of Early Intervention Parenting Partnerships (EIPP) and Massachusetts Maternal, Infant, Early Childhood Home Visiting Program (MA MIECHV).
- Served as a lead data analyst for the study of Criminally Prosecuted Pregnant and Postpartum People.
- Oversaw maintenance, coding, and cleaning of several data sources including state birth records, hospital and emergency department data, state healthcare claims data, court data, public support system and welfare system data, educational data, and home visiting program administrative and service data, managed and archived by Massachusetts Department of Public Health (MDPH), the Massachusetts Center for Health Information and Analysis (CHIA), other various Massachusetts and Connecticut state agencies, EIPP and Roca.

Research Associate, Tufts Interdisciplinary Evaluation Research, Tufts University, *Medford, MA*

September 2018 – November 2021

- Served as a lead data analyst for the statewide evaluation of Early Intervention Parenting Partnerships (EIPP) and Massachusetts Maternal, Infant, Early Childhood Home Visiting Program (MA MIECHV).
- Oversaw maintenance, coding, and cleaning of state birth records, hospital and emergency department data, state healthcare claims data, and home visiting program administrative and service data, managed and archived by Massachusetts Department of Public Health (MDPH) and the Massachusetts Center for Health Information and Analysis (CHIA).
- Led the development of analytic plans and data analysis and interpretation using various forms of data and statistical software (e.g., SPSS, MPlus, Stata, Python).
- Constantly engaged in learning new statistical methods and software.
- Managed and trained a group of graduate students in data cleaning.

Postdoctoral Scholar, Tufts Interdisciplinary Evaluation Research, Tufts University, *Medford, MA*

October 2015 – June 2018

- Oversaw maintenance, coding, and cleaning for various project-wide longitudinal data.
- Supported dissemination of data to funders.
- Streamlined and improved project-wide data cleaning process using detail-oriented skills.
- Led the development of analytic plans and data analysis and interpretation using various forms of data and statistical software (e.g., SPSS, MPlus, Stata) on multiple projects.
- Served as child protective services data lead within our research group.
- Managed and trained a group of undergraduate and graduate students in the data cleaning.

Research Analyst, Tufts Interdisciplinary Evaluation Research | Toddler Development Project, Tufts University, *Medford, MA*

January 2008 – May 2015

- Coded mother-child interaction and state agency data from the Department of Children and Families.
- Developed evaluation plans, analyzed various forms of data, and engaged in report writing for various audiences (authored in 1 peer reviewed article, 2 project reports).
- Performed protocol submission to the Institutional Review Board.
- Led data collection, including participant recruitment, laboratory visits (behavioral observations,

heart rate and salivary cortisol assessments).

- Developed a behavioral coding system for analyzing data.
- Managed student recruitment and trained a group of graduate students in the data collection.

Research Contractor, National Center on Parent, Family, and Community Engagement, *Boston, MA*

July 2012 – Sept 2012

- Collected and composed documents that summarize literature and resources for writing briefs regarding Parent, Family, and Community Engagement Framework.

Research Associate, Connected Beginnings | Child Development Unit, *Boston, MA*

September 2009 – June 2010

- Assisted designing evaluations, collection and analysis of data, and conducting background research for infant and early childhood professional development.
- Coded data by rating infant affect and gaze using Interact 9 coding program.

PROFESSIONAL EXPERIENCE

Doctoral Student Intern, Department of Children and Families | South Bay Early Childhood, *Lowell, MA*

September 2012 – May 2013

- Assisted in assessments and provision of services for children zero to three.
- Consulted families regarding attachment and postpartum depression issues.
- Assisted in case management and assessment (supervised visitations, home visitations).
- Developed resource guides on attachment and attachment disorders for case workers.

Teaching Assistant, Tufts University, *Medford, MA*

September 2010 – December 2011

- Assisted in Personal Social Development, Introduction to Child Development, and Childhood Across Cultures for undergraduate students.
- Organized and ran weekly discussion section for 15-20 undergraduate students.
- Attended weekly meetings and contributed ideas for course material and assessment.

Teaching Assistant, Tufts Educational Day Care Center, *Medford, MA*

August 2007 – August 2009

- Assessed, developed and implemented developmentally appropriate curriculum and environment for a diverse group of preschool children.
- Communicated and provided guidance to parents on a daily basis.
- Composed regular weekly reports and comprehensive conference reports for parents.

Teacher Associate, Wellesley Community Children's Center, *Wellesley, MA*

September 2005 – June 2007

- Assessed, developed and implemented developmentally appropriate curriculum for infants, toddlers, and preschool children.
- Communicated and provided guidance to parents on a daily basis.

PAPERS/PUBLICATIONS

- **Kotake, C.**, Fauth, R.C., Stetler, K., Goldberg, J. L., Silva, C. F., & Manning, S. E. (2023). Improving connections to early childhood systems of care via universal home visiting program in Massachusetts. *Children and Youth Services Review*.
<https://doi.org/10.1016/j.childyouth.2023.106995>

- Fauth, R.C., **Kotake, C.**, Manning, S.E., Goldberg, J.L., Easterbrooks, M.A., Buxton, B., & Downs, K. (2022). Timeliness of early identification and referral of infants with social and environmental risks. *Prevention Science*. <https://doi.org/10.1007/s11121-022-01453-6>
- Easterbrooks, M. A., **Kotake, C.**, & Fauth, R. C. (2019). Recurrence of maltreatment after newborn home visiting: A randomized controlled trial. *American Journal of Public Health*, 109(5), 729-735.
- Tufts Interdisciplinary Evaluation Research (2018). The Massachusetts Healthy Families Evaluation Phase 2 (MHFE-2): Time 6 summary report. Medford, MA: Tufts University.
- Easterbrooks, M. A., Katz, R. C., **Kotake, C.**, Stelmach, N. P., & Chaudhuri, J. H. (2018). Intimate partner violence in the first two years of life: Implications for toddlers' behavior regulation. *Journal of Interpersonal Violence*, 33(7), 1192-1214.
- Bartlett, J. D., **Kotake, C.**, Fauth, R., & Easterbrooks, M. A. (2017). Intergenerational transmission of child abuse and neglect: Do maltreatment type, perpetrator, and substantiation status matter? *Child Abuse and Neglect*, 63, 84-94.
- 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.
- Easterbrooks, M. A., **Kotake, C.**, Raskin, M., & Bumgarner, E. (2016). Patterns of depression among adolescent mothers: Resilience related to father support and home visiting program. *American Journal of Orthopsychiatry*, 86, 61-68.
- Raskin, M., Easterbrooks, M.A., Lamoreau, R.S., **Kotake, C.**, & Goldberg, J. (2016). Depression trajectories of antenatally depressed and non-depressed young mothers: Implications for child socio-emotional development. *Women's Health Issues*, 26(3), 344-350.
- Finno-Velasquez, M., Shuey, E., **Kotake, C.**, & Miller, J. (2015). Cultural Considerations in Refining Intervention Designs. In Daro, D., Donnelly, A., Huang, L., & Powell, B. (Eds.). *Advances in Child Abuse Prevention Knowledge: The Perspective of New Leadership* (pp. 93-117). New York: Springer International Publishing
- Raskin, M., **Kotake, C.**, Easterbrooks, M.A., Ebert, M., & Miller, L. (2015). Job-related stress and depression in orphanage and preschool caregivers in Ukraine. *Journal of Research in Childhood Education*, 29 (1), 130-145.
- Bartlett, J. D., Raskin, M., **Kotake, C.**, Nearing, K. D., & Easterbrooks, M. A. (2014). An ecological analysis of infant neglect by adolescent mothers. *Child Abuse & Neglect*, 38, 723-734.
- Easterbrooks, M.A., Bartlett, J. D., Raskin, M., Goldberg, J., Contreras, M.A., **Kotake, C.**, Chaudhuri, J.H., & Jacobs, F.H. (2013). *Limiting home visiting effects: Maternal depression as a moderator of child maltreatment*. *Pediatrics*, 132, Supplement 2, p.S126-S133.
- Easterbrooks, M. A., Jacobs, F. H., Bartlett, J. D., Goldberg, J., Contreras, M. M., **Kotake, C.**, Raskin, M. & Chaudhuri, J.H. (2012). *Initial findings from a randomized, controlled trial of Healthy Families Massachusetts: Early program impacts on young mothers' parenting*. Report to the Pew Center on the States. Washington, D.C.

POSTERS/PRESENTATIONS

- Fauth, R., & **Kotake, C.** (May, 2022). *Timeliness of early identification and referral of infants with social and environmental risks*. Paper symposium. presented at the Home Visiting Applied Research Collaborative (HARC) 2022 Collaborative Science of Home Visiting Virtual Meeting.
- Fauth, R., **Kotake, C.**, Manning, S., Buxton, B., Goldberg, J., Silva, C., & Stetler, K. (December, 2021). *Detecting home visiting program impacts on maternal and child health using linked*

administrative data. Paper symposium, presented at the 2021 CityMatCH Leadership and MCH Epidemiology Conference, Virtual.

- Fauth, R., Posner, E., Goldberg, J., **Kotake, C.**, Buxton, B., Manning, S., & Stetler, K. (May, 2021). *Bridging Research and Practice: Two Case Studies Using Data for Home Visiting Program Planning in Massachusetts*. Paper symposium, presented at the Association of Maternal & Child Health Programs Annual Conference, Virtual.
- **Kotake, C.**, Menon, M., Starget, L.E., & Easterbrooks, M.A. (March, 2019). *Linking the Onset Timing of Child Maltreatment to Behavioral Regulation During Early Childhood*. Paper symposium, Toward a More Nuanced Understanding of Child Abuse and Neglect: Timing, Type, and Intervention Effectiveness, presented at the biennial meeting of the Society of Research in Child Development, Baltimore, MD.
- **Kotake, C.**, & Easterbrooks, M.A. (January, 2016). *Adolescent Motherhood: Understanding the Link Between Maternal Depression, Parenting, and Child Maltreatment*. Paper symposium, Preventing Child Maltreatment in Family, Neighborhood, and Policy Contexts: Ensuring a Safe and Healthy Start, presented at 20th Annual Conference Anniversary Celebration of the Society for Social Work and Research.
- Bumgarner, E., Raskin, M., Easterbrooks, M. A., **Kotake, C.**, Bartlett, J., Chaudhuri, J., Jacobs, F., & Goldberg, J. (2014, May). *Preventing child maltreatment: Evidence from the Health Families Massachusetts Evaluation*. Poster presented at the National Conference on Child Abuse and Neglect.
- **Kotake, C.**, Matthews, J., Mullins, E., Katz, R., Miller, L. C., Tirella, L., Pinderhughes, E., & Easterbrooks, M. A. (2014, April). *Early adjustment of International adoptive families compared to non-adoptive families*. Poster presented at the annual Rudd Adoption Conference, Amherst, MA.
- **Kotake, C.**, & Easterbrooks, M. A. (2013, April). *A closer look at the role of culture and socioeconomic contexts in understanding young mothers' parenting*. Poster presented at the biennial meeting of the Society of Research in Child Development, Seattle, WA.
- **Kotake, C.**, & Easterbrooks, M. A. (2013, April). *A closer look at the role of culture and socioeconomic contexts in understanding young mothers' parenting*. Poster presented at the annual Student Presentation Day, Tufts University, Medford, MA.
- Matthews, J., **Kotake, C.**, Mullins, E., Pinderhughes, E., Easterbrooks, M. A., Miller, L., & Tirella, L. (2012, April). *Internationally adopted infants: Short-term self-regulation and adaptation*. Poster presented at the annual Rudd Adoption Conference, Amherst, MA.
- Vashchenko, M., **Kotake, C.**, Ebert, M., Easterbrooks, M.A., & Miller, L. C. (2011, October). *Predictors of depression in orphanage and preschool caregivers in Ukraine*. Poster presented at the 2011 American Association of Pediatrics National Conference and Exhibition, Boston, MA.
- **Kotake, C.**, & Aasland, K. (2011, April). *Becoming a parent: Parenting stress and internationally adopted infants' stress reactivity*. Presented at the annual Student Presentation Day, Tufts University, Medford, MA.
- Vashchenko, M., **Kotake, C.**, Ebert, M., Easterbrooks, M. A., & Miller, L. (2011, April). *Job-related stress and depression in orphanage and preschool caregivers in Ukraine*. Poster presented at the annual Student Presentation Day, Tufts University, Medford, MA.
- Vashchenko, M., **Kotake, C.**, Ebert, M., Easterbrooks, M. A., & Miller, L. (2011, March). *Job-related stress and depression in orphanage and preschool caregivers in Ukraine*. Poster presented at the biennial meeting of the Society of Research in Child Development, Montreal, Canada.
- **Kotake, C.**, & Beeghly, M. (2011, March). *Maternal interactive style as a unique predictor of very*

preterm toddlers' attention, emotion regulation, and motor quality. Poster presented at the biennial meeting of the Society of Research in Child Development, Montreal, Canada.

- International Adoption Project (2010, April). *The International Adoption Project: The adaptation and regulation processes of internationally adopted infants in their new environments*. Poster presented at the annual Student Presentation Day, Tufts University, Medford, MA.
- **Kotake, C., & Pufall, P.** (2005, June). *The development of graphic resources for depicting human action in still pictures*. Poster presented at the annual meeting of the Jean Piaget Society, Vancouver, Canada.
- **Kotake, C., & Pufall, P.** (2005, April). *The development of graphic resources for depicting human action in still pictures*. Poster presented at the annual showcase at the Smith College Celebrating Collaborations, Northampton, MA.