

MEAGAN TALBOTT

Curriculum Vitae

University of California at Davis
MIND Institute
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ACADEMIC APPOINTMENTS

Assistant Professional Researcher 2019 - present
UC Davis MIND Institute

TRAINING AND EDUCATION

University of California at Davis, Davis, CA
MIND Institute

Postdoctoral Fellow and Scholar

Funded by NARSAD Young Investigator Award

2017 – 2019

Funded by NIH T32 Autism Research Training Program Postdoctoral Fellowship

2014-2016

Mentor: Dr. Sally J. Rogers

Boston University

Ph.D., Psychology – Human Development

2014

Mentor: Dr. Helen Tager-Flusberg

University of California, Davis

B.S., Psychology

2007

HONORS, AWARDS, & FELLOWSHIPS

MIND Institute INSAR Travel Award

2019

UC Davis Postdoctoral Scholar Association Travel Award

2018

NARSAD Young Investigator Award: Neural Correlates of Behavioral Treatment
for Toddlers with ASD

2017

NIMH Ruth L. Kirschstein NRSA Postdoctoral Fellow:

UC Davis Autism Research Training Program

2014 – 2016

Felicia Sorembe Lambros Scholarship,

Boston University Department of Psychology

2014

Autism Science Foundation Travel Award for the International Meeting for Autism Research

2012

PEER-REVIEWED PUBLICATIONS

1. **Talbott, M.R.¹, & Miller, M. R.¹** (2020). Future Directions in Early Identification and Intervention for Neurodevelopmental Disorders in Infancy. *Journal of Clinical Child & Adolescent Psychology*, 49:5, 688-700, DOI: 10.1080/15374416.2020.1790382
2. **Talbott, M. R.**, Dufek, S., Zwaigenbaum, L., Bryson, S., Brian, J., Smith, I., Rogers, S.J., (2020). Preliminary Feasibility of the TEDI: A Novel Parent-Administered Telehealth Assessment for Autism Spectrum Disorder Symptoms in the First Year of Life. *Journal of Autism and Developmental Disorders*, 50, 3432-3439. DOI: 10.1007/s10803-019-04314-4
3. Rogers, S.J., Estes, A., Lord, C., Munson, J., Rocha, M., Winter, J., Greenson, J., Colombi, C., Dawson, G., Vismara, L., Sugar, C., Helleman, G., Whelan, F., **Talbott, M.** (2019). A Multisite Randomized Controlled Two-Phase Trial of the Early Start Denver Model Compared to Treatment as Usual. *Journal of the American Academy of Child and Adolescent Psychiatry*. DOI: 10.1016/j.jaac.2019.01.004

¹ Both authors contributed equally to this work.

4. Rogers, S.J., Estes, A., Vismara, L., Munson, J., Zierhut, C., Greenson, J., Dawson, G., Rocha, M., Sugar, C., Senturk, D., Whelan, F., **Talbott, M.** (2019). Enhancing low-intensity coaching in parent implemented Early Start Denver Model intervention for early autism: A randomized comparison treatment trial. *Journal of Autism and Developmental Disorders*. 49 (2), 632-646. Doi: 10.1007/s10803-018-3740-5
5. **Talbott, M.R.**, Young, G.S., Munson, J., Estes, A., Vismara, L., & Rogers, S.J. (2018). The Developmental Sequence and Relations between Gesture and Spoken Language in Toddlers with ASD. *Child Development*. Advance online publication. doi: 10.1111/cdev.13203
6. Finch, K.H., Seery, A.M., **Talbott, M.R.**, Nelson, C.A., Tager-Flusberg, H. (2017). Lateralization of ERPs to speech and handedness in the early development of Autism Spectrum Disorder. *Journal of Neurodevelopmental Disorders*, 9(1). doi: 10.1186/s11689-017-9185-x.
7. **Talbott, M. R.**, Nelson, C. A., & Tager-Flusberg, H. (2016). Maternal vocal feedback to 9-month-old infant siblings of children with ASD. *Autism Research*, 9, 460-470. doi: 10.1002/aur.1521.
8. Rogers, S.J., **Talbott, M.** (2016). Early Identification and Early Treatment of Autism Spectrum Disorder. *Developmental Disabilities Research Review*, (50), 233-275. doi: 10.1016/bs.irrdd.2016.05.004
9. **Talbott, M. R.**, Nelson, C.A. & Tager-Flusberg, H. (2015). Diary reports of concerns in mothers of infant siblings of children with autism across the first year of life. *Journal of Autism and Developmental Disorders* 45 (7), 2187-2199. DOI 10.1007/s10803-015-2383-z.
10. **Talbott, M. R.**, Nelson, C. A., & Tager-Flusberg, H. (2015). Maternal gesture use and language development in infant siblings of children with autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 45, 4-14. DOI: 10.1007/s10803-013-1820-0.
11. Luyster, R. J., Seery, A., **Talbott, M. R.** & Tager-Flusberg, H. (2013). Identifying early-risk markers and developmental trajectories for language impairment in neurodevelopmental disorders. *Developmental Disabilities Research Reviews*, 17: 151–159.
12. Ozonoff, S., Iosif, A., Young, G., Hepburn, S., **Thompson, M.**^{*}, Colombi, C., Cook, I., Werner, E., Goldring, S., Bagnio, F., & Rogers, S. (2011). Onset patterns in autism: Correspondence between home video and parent report. *Journal of the American Academy of Child and Adolescent Psychiatry*, 50 (8), 796-806.
13. Ozonoff, S., Macari, S., Young, G., Goldring, S., **Thompson, M.**, & Rogers, S. (2008). Atypical object exploration at 12 months of age is associated with autism in a prospective sample. *Autism*, 12(5), 457-472.
14. Palomo, R., **Thompson, M.**, Colombi, C., Cook, I., Goldring, S., Young, G., et al. (2008). A case study of childhood disintegrative disorder using systematic analysis of family home movies. *Journal of Autism and Developmental Disorders*, 38(10).

MANUSCRIPTS UNDER REVIEW & IN PREPARATION

1. Rogers, S.J., Stahmer, A.C., **Talbott, M.R.**, Young, G., Fuller, E., Pellicchia, M., Barber, A., & Griffith, E. (2020). Feasibility of Delivering Parent-Implemented NDBI Interventions in Low Resource Regions: A Pilot Randomized Controlled Study. Manuscript submitted for publication.
2. **Talbott, M.R.**, Dufek, S., Young, G., Rogers, S.J. (2020). Leveraging Telehealth to Assess Autism Likelihood in the First Year of Life. In preparation.
3. **Talbott, M.R.**, Dufek, S. (2020). Expanding Autism Research Through Telehealth: Current Approaches to Distance Assessment. In preparation.

^{*} Published under my former name

CHAPTERS

1. Mello, M., **Talbott, M.R.**, Rogers, S.J. (2018). The Early Start Denver Model: Parent Adaptation. Guastaferrro, K. & Lutzker, J.R. (eds). A Guide to Programs for Parenting Children with Autism Spectrum Disorder, Intellectual Disabilities or Developmental Disabilities.
2. **Talbott, M. R.**, Estes, A., Zierhut, C., Dawson, G., & Rogers, S. J. (2016). The Early Start Denver Model. In R. Lang, T. Hancock, & N. N. Singh (Eds.), *Early Intervention for Young Children with Autism Spectrum Disorders (113 – 149)*. Switzerland: Springer International Publishing.
3. Ozonoff, S., Heung, K., **Thompson, M.** (2011). Regression and Other Patterns of Onset. Amaral, D.G., Dawson, G., & Geschwind, D.H. (Eds.). *Autism Spectrum Disorders*. New York: Oxford University Press. pp. 60-74. DOI: 10.1093/med/9780195371826.003.0005

CONFERENCE PRESENTATIONS

*denotes student/trainee

Accepted

1. **Talbott, M.R.**, Dufek, S., Young, G., Rogers, S. Leveraging Telehealth to Assess Autism Likelihood in the First Year of Life. Submitted to the Society for Research in Child Development (SRCD) Biennial meeting (April 2021).
2. Hoffman, S.A.* , Mattern-Baxter, K., & **Talbott, M.** Interdisciplinary Telehealth Assessment Of Gross Motor Development In Infants At High-Risk For Autism Spectrum Disorder. Submitted to the American Physical Therapy Association (APTA) Combined Sections Annual Meeting, Florida, February 2021.

Completed

1. Hoffman, S.A*., Mattern-Baxter, K., & **Talbott, M.** Interdisciplinary Telehealth Assessment Of Gross Motor Development In Infants At High-Risk For Autism Spectrum Disorder. Submitted to the California Physical Therapy Association (CPTA) Annual Meeting, Anaheim, October 2020.
2. **Talbott, M.R.**, Dufek, S., Zwaigenbaum, L., Bryson, S., Brian, J., Smith, I., & Rogers, S.J., (2020, May). Preliminary Feasibility of the TEDI: A Novel Assessment of Infants' ASD Symptoms via Telehealth. Paper presented at the International Society for Autism Research Annual Meeting, (INSAR), Seattle, WA [Presented Virtually].
3. Rogers, S.J., Dufek, S., & **Talbott, M.R.**, (2020, May). Progress in Intervention for Infants with ASD Symptoms. Oral presentation accepted for to the International Society for Autism Research Annual Meeting, (INSAR), Seattle, WA[Presented Virtually].
4. Fuller, E., Burns, J., **Talbott, M.R.**, Stahmer, A.C., Rogers, S.J., (2020, May). A Telehealth Model for Training Part C Providers in Parent Coaching Strategies. Poster accepted for presentation at the International Society for Autism Research Annual Meeting, (INSAR), Seattle, WA [Presented Virtually].
5. Dufek, S., **Talbott, M.R.**, Rogers, S.J. (2020, May). Component Analysis of a Parent-Mediated Telehealth Intervention Designed for Infants with Early Signs of ASD. Presentation accepted for presentation at the Association for Behavioral Analysis International Meeting (ABAI), Washington DC [Presented Virtually].
6. Burns, J., Fuller, E., **Talbott, M.R.**, Stahmer, A., Rogers, S. (2020, April) The Efficacy and Utilization of Community Early Start Denver Model (C-ESDM) Coaching Strategies Used by Providers in Low-Resourced Areas. Poster accepted to the Gatlinburg Conference, San Diego, CA (Conference cancelled) .

7. **Talbott, M.R.**, Dufek, S., Zwaigenbaum, L., Bryson, S., Brian, J., Smith, I., & Rogers, S.J., (2020, February). Preliminary Feasibility of the TEDI: A Novel Assessment of Infants' ASD Symptoms via Telehealth. Oral presentation in the Challenges and Innovations in Screening Infants for Markers of Autism Spectrum Disorder Symposium at the Conference on Research Innovations in Early Intervention (CRIEI), San Diego, CA.
8. Fuller, E., **Talbott, M.R.**, Rogers, S.J., (2020, April) Assessing Theory of Mind Development in Young Children with Autism. Poster presented at the Conference on Research Innovations in Early Intervention (CRIEI), San Diego, CA.
9. Aranbarri, A., Miller, M., Stahmer, A.C., **Talbott, M.** & Rogers, S.J. (2019). Estudio sobre los servicios públicos de intervención temprana para niños pequeños con TEA en áreas de bajos recursos de EEUU: Caracterización de servicios y necesidades. Oral communication presented in II Encuentro Investigación AETAPI. Valladolid Spain.
10. *Raj, M., **Talbott, M.R.**, Vejnaska, S., Dufek, S. (2019, July) Analyzing Communication rates in symptomatic infants before and after parent-coaching treatment. Poster presented at the CDC Undergraduate Public Health Scholars (CUPS) Annual Showcase, Washington, DC.
11. Aranbarri, A., Miller, M., Stahmer, A., **Talbott, M.R.**, Rocha, M., Rogers, S., (2019, May). Examining US public early intervention services for toddler with ASD in low resourced areas: Characterizing services and needs. Presented at the Spanish National Autism Meeting.
12. **Talbott, M.R.**, Young, G.S., Miller, M., Jackson, S., Rocha, M., Stahmer, A., Rogers, S.J. (2019, May). A Novel Hybrid Telehealth Approach for Assessing Social Communication in at-Risk Toddlers in Rural Communities from a Distance. Poster presented at the International Meeting for Autism Research (IMFAR), Montreal, CAN.
13. **Talbott, M.R.**, Young, G.S., Miller, M., Rocha, M., Stahmer, A., Rogers, S.J., (2019, May). The Impact of Community-Implemented ESDM on Parents' Ratings of Parenting Reward and Providers' Sense of Competence. Poster presented at the International Meeting for Autism Research, Montreal CAN.
14. Stahmer, A.C., Vivanti, G., Fein, D., Dumont-Mathieu, T., Dufek, S., Rocha, M., **Talbott, M.**, Robins, D. (2019, May). Characterizing Potential Implementation Processes and Influences in a Community Effectiveness Trial of Standardized Pediatric Screening for ASD. Poster presented at the International Meeting for Autism Research (IMFAR), Montreal, CAN.
15. **Talbott, M.R.**, Munson, J., Young, G., Estes, A., Rogers, S.J., (2018, November). *Developmental Sequence of Gesture and Expressive Language Milestone Achievement in Toddlers with ASD*. Poster presented at the Boston University Conference on Language Development (BUCLD), Boston, MA.
16. **Talbott, M.R.**, Aranbarri, A., Brown, W., Rogers, S.J., Stahmer, A.C., (2018, August). *Using Telehealth Technology to Reach Toddlers at-Risk for ASD in Diverse, Low-Resource Settings*. Talk given at the American Psychological Association Meeting for Division 53: Clinical Child and Adolescent Psychiatry, San Francisco, CA.
17. *Garcia, O., Stahmer, A., Vejnaska, S., **Talbott, M.**, (2018, July). *Gesture Use in Autism Spectrum Disorder: A Comparison of Children Receiving Early Intervention*. Poster presented at the CDC Undergraduate Public Health Scholars (CUPS) Annual Showcase, Washington, DC.
18. Aranbarri, A., Stahmer, A.C., Acha, J., Arranz, E., Miller, M.E., **Talbott, M.R.**, Rogers, S.J., (2018, May). *Q-Hope: A New Tool to Assess Family Context Features that Promote the Early Development of Young Children At-Risk For Autism*. Talk presented at the III-International Meeting on Families and Disabilities: 3-5 years social development. Barcelona, Spain.

19. Aranbarri, A., Stahmer, A.C., Acha, J., Arranz, E., Miller, M.E., **Talbott, M.R.**, Rogers, S.J. (2018, May). *A new tool to assess family context features that promote the early development of young children at-risk for ASD*. Presentation at the International Meeting for Autism Research, Rotterdam, NL.
20. **Talbott, M.R.**, Davlantis, K., Moomey, K., Greenson, J., Zierhut, C., Lange, N., Munson, J., Estes, A., & Rogers, S.J. (2016, May). *Parental Contributions to Social Communication Development in Toddlers with ASD: Insights from Parent-implementation of the Early Start Denver Model*. Poster presented at the International Congress on Infant Studies, New Orleans, LA.
21. Finch, K., **Talbott, M. R.**, Nelson, C.A., Tager-Flusberg, H. (2016, May). *A Handy Guide to Measuring Handedness in 36-Month-Olds with and Without ASD*. Poster presented at the International Congress on Infant Studies, New Orleans, LA.
22. **Talbott, M.**, Nelson, C.A., & Tager-Flusberg, H. (2015, May). *Contingent Maternal Vocal Responses to 9-Month-Old Infant Siblings of Children with Autism*. Poster presented at the International Meeting for Autism Research (IMFAR), Salt Lake City.
23. **Thompson, M.**, Cohen, C. K., Nelson, C. A., & Tager-Flusberg, H. (2013, May). *Associations Between Maternal Prompts and Infant Social Communication: Insights From the Video Diaries of Infants at Risk for Autism*. Poster presented at the International Meeting for Autism Research (IMFAR), San Sebastian, Spain.
24. **Thompson, M.**, & Tager-Flusberg, H. (2012, June) *Vocabulary Development of Infants At-Risk for Autism from 18 to 36 Months*. Poster presented at the International Conference on Infant Studies (ICIS), Minneapolis, MN.
25. **Thompson, M.**, & Tager-Flusberg, H. (2012, May) *Correspondence Between Maternal Concerns and Concurrent Infant Behavior in 12-Month-Old Infants at Risk for Autism*. Poster presented at the International Meeting for Autism Research (IMFAR), Toronto, CAN.
26. **Thompson, M.**, & Tager-Flusberg, H. (2011, May). *Imitation of Maternal Social Communication from 6 to 18 Months in Infants at Risk for Autism*. Poster presented at the International Meeting for Autism Research (IMFAR), San Diego, CA.
27. **Thompson, M.**, & Tager-Flusberg, H. (2011, March). *The Influence of Infant and Maternal Gesture Use on Concurrent and Subsequent Language Levels of Infants at Risk for Autism*. Poster presented at the Society for Research in Child Development Meeting (SRCD), Montreal, CAN.
28. **Thompson, M.**, & Tager-Flusberg, H. (2010, May). *Maternal and Child Gesture Use and Language Outcomes for Infants At-Risk for Autism*. Poster presented at the International Meeting for Autism Research (IMFAR), Philadelphia, PA.
29. **Thompson, M.**, & Tager-Flusberg, H. (2010, March). *Maternal Gesture and Language Outcomes for Infants At-Risk for Autism*. Poster presented at the International Conference on Infant Studies (ICIS), Baltimore, MD.

GRANTS/FUNDING

Ongoing

NIH R21 HD100372

PI: Talbott

9/30/2019 – 8/31/2021

Development of a Telehealth Screener and Assessment for Infants at-risk for ASD in Diverse Communities

Role: Principal Investigator

Total Direct Costs: \$275,000

NIH R01 MH115715 ACE Network Grant PI: Robins 2017 – 2022
Connecting the Dots: An RCT Integrating Standardized ASD Screening, High-Quality Treatment, and Long Term Outcomes
Role: Co-Investigator

Completed

Brain, & Behavior Research Foundation PI: Talbott 2017 - 2020
NARSAD Young Investigator Grant No. 24845
Neural Correlates of Behavioral Treatment for Toddlers with ASD
Role: Principal Investigator
Total Costs: \$69, 642

IES R34A150211 PI: Rogers 2015 – 2019
Adapting an Evidence-Based Practice for Children At-Risk for Autism for Diverse Early Intervention Systems
Role: Postdoctoral Scholar

Department of Psychiatry Tupin Award PI: Dufek 2018-2019
Pilot study: A telehealth intervention for caregivers of infants with early signs of ASD
Total Costs: \$50,000
Role: Co-Investigator

NIMH T32 Ruth L. Kirschstein Training Program PIs: Rogers and Amaral 2014 - 2016
Autism Research Training Program
Role: Postdoctoral Fellow

TEACHING

Invited Lecture, *Assessment of Infant Mental Health and ASD Symptoms in Infancy via Telehealth* January 2020
Leadership in Neurodevelopmental Disorders (LEND) Infant Mental Health Seminar
Seminar Faculty Coordinator: Sally J. Rogers

Invited Lecture, *Milestones in Early Development* October 2019
Leadership in Neurodevelopmental Disorders (LEND) Seminar
Seminar Faculty Coordinator: Meghan R. Miller

CSUS

Guest Lecture, *Introduction to Research in Autism Spectrum Disorders*, EDC 214 2016
Instructor: Dr. Nelda McCay

Boston University

Graduate Teaching Fellow, Social Psychology 2014, 2013, 2009

Graduate Teaching Fellow, Developmental Psychology 2012

Guest Lecture, *Language and Communication Development*, Developmental Psychology

Instructor: Dr. Stacey Doan 2012

Graduate Teaching Fellow, Introduction to Psychology 2008

MENTORING/ADVISING

Jessica Tupou, PhD (dissertation examination committee member) July 2020
Shannon Hoffman, DPT, LEND trainee 2019-2020

Maya Raj, UC Davis RISE-UP undergraduate trainee	2019
Omar Garcia, UC Davis MCHC/RISE-UP undergraduate trainee	2018
Chelsea Kiehl Cohen, MA student	2012 - 2013
Suzanne Schivonne, undergraduate student	2012 - 2013
Zachary Rotfus, MA student	2011 - 2012

INVITED TALKS AND OUTREACH

Internal Presentation, Developing a Telehealth Assessment for Infants: The TEDI Meeting HEARTS and MINDS Seminar Series	August 2020
Internal Presentation, Assessing Infants Via Telehealth: Procedures and Lessons Learned MIND Institute Research Seminar Series	June 2020
Invited Webinar Presentation, What is the TEDI study? ASF COVID-19 Webinar Series: Got Stay at Home Orders?	May 2020
Internal Presentation, Assessing Infants Via Telehealth: TEDI MIND Institute Research Seminar Series – Fall Data Blitz	October 2019
Early Identification of Autism Spectrum Disorder: Can Telehealth Fill the Gaps? California Northstate College of Medicine and College of Pharmacy Symposium	July 2019

MEDIA COVERAGE

2019: The Year of Preparing for the Future https://autismsciencefoundation.org/key-autism-research/https-autismsciencefoundation-org-key-autism-research-2019-the-year-of-preparing-for-the-future/	December 2019
NIH Awards Funding for Early Autism Screening https://www.nimh.nih.gov/news/science-news/2019/nih-awards-funding-for-early-autism-screening.shtml	November 2019
For Parents – Gestures and Language in Toddlers with Autism Spectrum Disorder https://ei.northwestern.edu/gestures-and-language-in-toddlers-with-autism-spectrum-disorder-asd	February 2019
How gesture and word development intertwine in toddlers https://www.theinformedslpmembers.com/ei-reviews/how-gesture-and-word-development-intertwine-in-toddlers?	February 2019
Should scientists study mothers of children with autism? https://www.spectrumnews.org/opinion/viewpoint/should-scientists-study-mothers-of-children-with-autism/	April 2016

PROFESSIONAL AFFILIATIONS

- International Society for Autism Research (INSAR)
- International Congress on Infant Studies (ICIS)
- Society for Research on Child Development (SRCD)
- American Psychological Association, Division 33 (APA)

PROFESSIONAL SERVICE

Symposium Chair, <i>The Use of Telehealth Technology to Improve Research on Neurodevelopmental and Neurogenetic Disorders.</i>	August 2018
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American Psychological Association Meeting for Division 53: Clinical Child and Adolescent Psychiatry, San Francisco, CA

Panelists: Bridgette Tonnsen, Lauren Bullard, Meagan Talbott

Co-organizer, SFARI Summer Institute Session: 2015
Diagnosis and Identification of ASD

Student Co-Chair, Developmental Science Colloquium Committee, 2011 – 2013
Boston University

Ad Hoc Reviewer: *Infancy, Child Development, Autism, Journal of Autism and Developmental Disorders, Journal of Psychology and Psychiatry, Journal of Neurodevelopmental Disorders, Journal of Abnormal Child Psychology, Journal of Intellectual Disability Research, Research in Developmental Disorders, Psychological Bulletin*