

CURRICULUM VITAE

Name: Edward Tronick
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Education:

1964	B.S.	Cornell University
1965	M.S.	Cornell University Comparative Psychology and Perception,
1968	Ph.D.	University of Wisconsin (Developmental Psychology and Neurophysiology)
1968-1969		Postdoctoral Fellow, Center for Cognitive Studies, Harvard University, Cambridge, MA
1974-1975		Child Clinical Internship, Department of Psychiatry, Children's Hospital, Boston, MA
1983-Present		Licensed Clinical Psychologist, Commonwealth of Massachusetts

Academic Appointments:

1969-1970	Lecturer, Department of Psychology, Harvard University
1982-1990	Professor of Psychology, University of Massachusetts at Amherst
1989-2007	Associate Professor of Pediatrics, Harvard University Medical School Medical School
1989-2007	Associate Professor of Human Development, Harvard School of Education
1994-2007	Associate Professor, Department of Society, Human Development and Health, Harvard School of Public Health and Child Health, Harvard School of Public Health.
2007-Present	Research Associate, Brigham and Womens Hospital, Harvard Medical School
2007-Present	University Distinguished Professor, University of Massachusetts, Boston
2007-Present	Faculty Member, Clinical Research Training Program in Biological and Social/Development Psychiatry, Harvard Medical School

Professional Positions:

1969-1975	Developmental Psychologist, Curriculum Developer, and Interim Director, Bromley Health Infant Daycare Center, Boston
1981-1987	Center for Planning and Nutrition, Kinshasa, Zaire
1989-1996	Director of Touchpoints, Child Development Unit, Children's Hospital, Boston
1991-2005	Clinical Director for Infant/child-Parent Behavioral Clinic, Children's Hospital, Boston
1996-1999	Consultant National Institute for the Mentally Handicapped, Hyderabad, India
1996-2000	Consultant, Child Development Issues for the Harris Training

1996-2001	Institute. Boston University Medical Center, Boston, MA Consultant, National Institute of Mental Health. The effects of community violence on women and children.
2002-2013	Co-director, Research Program on Severe Maternal Depression and Infant Development, University of Heidelberg, Heidelberg, Germany
2009-Present	Founder and Chief Faculty, Infant-Parent Mental Health Post Graduate Certificate Program, University of Massachusetts, Boston

Advisory Boards:

1998-Present	Boston Institute for Psychotherapy, Boston, MA
1998-2001	Brazelton Foundation, Boston, MA
2000-2008	International Association for Relational Psychoanalysis and Psychotherapy, New York, NY
2000-2009	Boston Institute for the Development of Infants and Parents, Boston, MA
2009-Present	Well Baby's Advisory Board, Los Angeles, CA
2015-Present	Lifespan Learning Institute
2016-Present	Australian Childhood Foundation

Editorial Boards:

1986-1989	Editorial Board, Developmental Psychology
1986-1992	Consulting Editor, Developmental Psychology
1988-1995	Editorial Board, Ab Initio
1988-2000	Consulting Editor, Infant Mental Health Journal
1992-1999	Editorial Board, Social Development
2009-Present	Associate Editor, Infant Mental Health

Scientific Review Committees:

1998	Panel member, Expert Advisory Panel, The Wellcome Trust, London, U.K.
1998	Reviewer, Medical Research Councils, London, U.K.
2000	Canadian Maternal Science Foundation
2002	Panel Member, Social Development International Conference on Infant Studies
2014	Reviewer, Behavioral Sciences Program, National Science Foundation

Awards

1989	Fellow, American Psychological Association
1994	Lifetime Achievement Award, Boston Institute for Parents and Infants
2002	Fellow, American Psychological Science Association
2013	Nominated, Jacobs Foundation Award
2015	Distinguished Service Award, The Interdisciplinary Council on Development and Learning
2018	Lifetime Achievement Award, Zero to Three
2019	Distinguished Scientific Contribution to Child Development, Society for Research in Child Development

Research Funding Information (Recent):

2007-2012	Mutual regulatory processes in Black mother-infant dyads National Institute of Child Health and Human Development PI: E. Tronick
2011-2013	Stability of Coping Infant Memory for the Face-to-face Still-Face National Institute of Child Health and Human Development PI: E. Tronick 5R01HD050459-05
2007-2010	National Science Foundation PI: E. Tronick
2011-2013	Infant Memory for the Face-to-face Still-Face National Institute of Child Health and Human Development PI: E. Tronick
2012-2014	The electrophysiological indices of memory for a social stressor 1R21HD067555 Hair cortisol as a biomarker of chronic stress in mother-infant dyads
2012-2018	1R21HD072448-01 Chronic stress in high-risk neighborhoods: Physiological and subjective indices in foreign- and US-born adult residents. Co-I: E. Tronick UMass Medical CCTS Stress Effects UMB Healy Award Sponsor: ET
2014-2019	Effects of induced maternal stress on the mother infant and dyad. National Science Foundation 1457111 Co-PI: E. Tronick, N. Snidman
2017-2019	Cascading effects of an experimental maternal stress on infants and the dyad. National Institute of Child Health and Development Individual differences in stress reactivity. Bial Foundation.
2018-2020	Evaluating maternal acoustic features as a biomarker of stress during mother-infant interaction 1 R01 HD083267-01 PI: E. Tronick

Original Reports (25 from 197):

1. Als, H., Tronick, E., Adamson, L., & Brazelton, T. B. (1976). The behavior of the full-term but underweight newborn infant. *Developmental Medicine and Child Neurology*, 18, 590-602.
2. Tronick, E., Wise, S., Als, H., Adamson, L., Scanlon, J., & Brazelton T. B. (1977). Regional obstetric anesthesia and newborn behavior: Effect over the first ten days of life. *Pediatrics*, 58, 94-100.
3. Scanlon, J., Suzuki, K., Shea, E., & Tronick, E. (1979). A prospective study of the oxytocin challenge test and newborn neurobehavioral outcome. *Obstetrics and Gynecology*, 54, 6-11.
4. Telzrow, R. W., Snyder, D.M., Tronick, E. Z., Als, H., & Brazelton, T.B. (1980). The behavior of jaundiced infants undergoing phototherapy. *Developmental Medicine and Child Neurology*, 22, 317-326.

5. Scanlon, K., Scanlon, J., & Tronick, E. (1984). The impact of perinatal and neonatal events on the early behavior of the extremely premature human. *Journal of Developmental and Behavioral Pediatrics*, 5, 65-73.
6. Beeghly, M., & Tronick, E. (1994). Effects of prenatal exposure to cocaine in early infancy: Toxic effects on the process of mutual regulation. *Infant Mental Health Journal*, 15, 158-175.
7. Mirochnick, M., Meyer, J., Frank, D., Cabral, H., Tronick, E., & Zuckerman, B. (1997). Elevated plasma norepinephrine following in-utero exposure to cocaine and marijuana. *Pediatrics*, 4, 555-559.
8. Weinberg, M. K., & Tronick, E. Z. (1998). The impact of maternal psychiatric illness on infant development. *Journal of Clinical Psychiatry*, 53-61.
9. Linares, L.O., Heren, T., Bronfman, E., Zuckerman, B., Augustyn, M., & Tronick, E. Z. (2001). A Mediator Model for the Impact of Exposure to Community Violence on Early Problematic Child Behaviors. *Child Development*, 72, 639-652.
10. Lester, B. M., LaGasse, L., Seifer, R., Tronick, E. Z., Bauer, C. R., Shankaran, S., . . . Maza PL. (2003). The Maternal Lifestyle Study (MLS): Effects of prenatal cocaine and/or opiate exposure on auditory brain response at one month. *Journal of Pediatrics*, 2003, 142,3, 279-285.
11. Lester, B., & Tronick, E. (2004). The Neonatal Intensive Care Unit Network Neurobehavioral Scale (NNS). *Pediatrics*, 113, 3, part 2 of 2, 631-699.
12. McGrath, N., Fawzi, W., Bellinger, D., Robins, J., Msamanga, G., Manji, K., & Tronick, E. Z. (2006). Effect of maternal multivitamin supplementation on the mental and psychomotor development of children who are born to HIV-1-infected mothers in Tanzania. *Pediatrics*, 117, 216-225.
13. Bell, L., St-Cyr Tribble, D., Goulet, C., Paul, D. & Tronick, E. (2007). Mothers' and fathers' early relationship with their infant: Similar yet temporally discordant themes. *Canadian Journal of Midwifery Research and Practice*, 6(3), 30-41.
14. Beeghly, M., & Tronick, E. (2011). Early Resilience in the Context of Parent-Infant Relationships: A Social Developmental Perspective. *Infant Mental Health: Relationship Issues, Social-Emotional Development, and Pediatric Practice*, Special Issue of *Current Problems in Pediatric and Adolescent Health Care*, 41, 197-201.
15. Lester, B., Tronick, E., Nestler, E., Abel, T., Kosofsky, B., Kuzawa, C., . . . Wood, M. (2011). Behavioral epigenetics. *Ann. N.Y. Acad. Sci.*, 1226, 14-33
16. Montirosso, R., Bellù, R., Borgatti, R., Tronick, E., & Neonatal Adequate Care for Quality of Life (NEO_AQUA) Study Group. (2011). Level of NICU quality of developmental care and neurobehavioral performance in very preterm infants. *Pediatrics*, 129, 5, e1129-e1137.
17. O'Brien, K., Moore, C., & Tronick, E. (2012). Relationship between Hair Cortisol and Perceived Chronic Stress in a Diverse Sample. *Stress and Health*, doi/10.1002/smi.2475/
18. Montirosso, R., Tronick, E., Morandi, F., Ciceri, F., & Borgatti, R. (2013). Four-Month-Old Infants' Long-Term Memory for a Stressful Social Event. *PLoS ONE* 8, 12, e82277. doi:10.1371/journal.pone.0082277

19. Lester, B. M., Andreozzi-Fontaine, L., Tronick, E., & Bigsby, R. (2014). Assessment and Evaluation of the High Risk Neonate: The NICU Network Neurobehavioral Scale. *Journal Visual Experiments*, 90, e3368, doi:10.3791/3368 (2014).
20. Liu, C., Mkesheva, K., Seidman, L., & Tronick, E. (2015). Perinatal Risks and Childhood Premorbid Indicators of Later Psychosis: Next Steps for Early Psychosocial Interventions. *Schizophrenia Bulletin*, 41,4, 801-816. doi 10.1093.
21. Müller, M., Zietlow, A.-L., Tronick, E., & Reck, C. (2015). What Dyadic Reparation Is Meant to Do: An Association with Infant Cortisol Reactivity. *Psychopathology*, 48, 386–399. doi:10.1159/000439225
22. Montirosso, R., Provenzi, L., Tavian, D., Morandi, F., Bonanomi, A., Missaglia S, . . . Borgatti, R. (2015). Social stress regulation in 4-month-old infants: Contribution of maternal social engagement and infants' 5-HTTLPR genotype. *Early Human Development* 91,3, 173-179.
23. Tronick, E. (2018). The Caregiver-Infant Dyad as a Buffer or Transducer of Resource Enhancing or Depleting Factors that Shape Psychobiological. *Development Journal: Australian and New Zealand Journal of Family Therapy*. DOI: 10.1002
24. Conradt, E., Ostlund, B., Guerin, D., Armstrong, D., Marsit, C., Tronick, E., . . . Lester, B. (2018). DNA methylation of *NR3c1* in infancy: Associations between maternal caregiving and infant sex. *Infant Mental Health Journal*, in press.
25. Mueller, I., Tronick, E. (2019) Early life exposure to violence: developmental consequences on brain and behavior. *Front. Behav. Neurosci.*, 09 July 2019 | <https://doi.org/10.3389/fnbeh.2019.00156>

Reviews/Chapters (9 of 90):

1. Liu, C.H., & Tronick, E. (2012). Influences on Neuro-behavioural development in infancy. In D. Skuse, H. Bruce, L. Dowdney & D. Mrazek (Eds). *Child Psychology and Psychiatry: Frameworks for Practice*. Wiley Blackwell.
2. DiCorcia, J.A., Sravish, A. V., & Tronick, E. (2013). The Everyday Stress Resilience Hypothesis: Unfolding resilience from a perspective of everyday stress and coping. In M. Simone and G. Laviola (Eds.), *(Mal)adaptive Aspects of Developmental Stress*. New York: Springer.
3. O'Brien, Afzal, K., & Tronick, E. (2013). Relational psychophysiology and mutual regulation during dyadic therapeutic and developmental relating. Eds. J Cornelius-White, R Motschnig, M Lux. *Interdisciplinary Handbook of the Person Centered Approach: Connections Beyond Psychotherapy*, New York, Springer.
4. Tronick, E., Perry, B., (2014). The multiple levels of meaning making and the first principles of changing meanings in development and therapy. Marlock, G. & Weiss, H., with Young, C. & Soth, M.(eds). *Handbook of Somatic Psychotherapy*. Berkeley, CA: North Atlantic Books
5. Tronick, E. & Perry, B.D. (2015) *The multiple levels of meaning making: the first principles of changing meanings in development and therapy*. In (Marlock, G. & Weiss, H., with Young, C. & Soth, M., eds) *Handbook of Body Therapy and Somatic Psychology*. Berkeley, CA: North Atlantic Books. pp 345-355

6. Liu, C. & Tronick, E. Neurobehavioural Development in Infancy: The Buffering and Transducing Role of the Mother/Caretaker-Infant Dyad. To appear in: *Child Psychology and Psychiatry – Frameworks for Practice*, Eds. David Skuse, Helen Bruce, Linda Dowdney, Wiley, 2016 in press
7. Liu, C.H., Chen, S.H., Bohr, Y., Wang, L., Tronick, E. 2017. Exploring the Assumptions of Attachment Theory across Cultures: The Practice of Transnational Separation among Chinese Immigrant Parents and Children. In: *The Cultural Nature of Attachment: Contextualizing Relationships and Development*, edited by H. Keller and K. A. Bard. Strüngmann Forum Reports, vol. 22, J. Lupp, series editor. Cambridge, MA: MIT Press
8. Tronick, E. A Radical Phenomenology of Gaining Meaning. In: Brandt, K., Seligman, S., Perry, B., Tronick, E. (eds.). *Infant and Early Childhood Mental Health: Core Concepts and Clinical Practice*, American Psychiatric Press, 2nd edition, 2017.
9. Beeghly, M., Perry, B. Tronick, E. (2018). Self-regulatory processes in early development (2017). In *The Oxford Handbook of Treatment Processes and Outcomes in Psychology*. Sara Maltzman (ed). Oxford University Press.

Books and Monographs:

1. Brazelton, T.B., Tronick, E. Freedman, D., Horowitz, F. Koslowski, B., Riccuiti, H., Robey, J. Sameroff, A. *The Neonatal Behavioral Assessment Scale*. SIMP, William Heinemann Medical Books, 1973
2. Tronick E, Greenfield P. *Infant caregiving: The Bromley-Health curriculum guide*. Santa Monica, CA: Goodyear Press (revised edition), 1980.
3. Tronick E, Adamson L. *Babies as people*. New York: Collier, 1980.
4. Tronick E, ed. *Affect, cognition, and communication: The process of social interchange in infancy*. Baltimore: University Park Press, 1982.
5. Tronick E, Field T, eds. *Maternal depression and infant disturbance*. San Francisco: Jossey-Bass, 1987.
6. Gunzenhauser N, Lester BM, Tronick E, eds. *Infant stimulation: For whom, what kind, when and how much?* Johnson & Johnson, Pediatric Round Table, Series 13, 1987.
7. Lester BM, Tronick E, eds. *Stimulation and the preterm infant: The limits of plasticity*. *Clinics in Perinatology*, 1990:17(1).
8. Tronick E, ed. *Cross-cultural studies of development*. *Developmental Psychology*, 1992:Vol.28566-567.
9. Lester BM, Tronick E eds. *Prenatal drug exposure and child outcome*. [Special Issue]. *Infant Mental Health Journal*, (1994):15(2).
10. Tronick EZ ed. *Interventions that effect change in psychotherapy: A model on infant research*. *Infant Mental Health Journal*, 1998.
11. Tronick EZ, Beeghly M, Fetters L, Weinberg K. *New Methodologies for Evaluating Residual Brain*

Damage in Infants Exposed to Drugs of Abuse: Objective Methods for Describing Movement, Facial Expressions and Communicative Behaviors. *NIDA Res Monograph* 1990; 114:262-290.

12. Tronick EZ, Lester BM. NICU network neurobehavioral scale (NNS): A comprehensive instrument to assess substance-exposed and high-risk infant. In: Treatment for drug-exposed women and children: Advances in Research Methodology. *NIDA Research Monograph* 1996(166) 198-204.
13. Lester, BM & Tronick, EZ. The NICU network neurobehavioral scale and manual. Brookes Cole, 2005
14. Tronick, E. Neurobehavioral and Social Emotional Development of the Infant and Young Child. Norton Press, 2007
15. Tronick, E. Regolazione emotive: Nello sviluppo e nel processo terapeutico, Raffaello Cortina Editore. Milan. 2009
16. Tronick, E., Osofsky, J. Infant Mental Health, American Psychologist, Special Issue. 2011
17. Brandt, K., Seligman, S., Perry, B., Tronick, E. (eds.). Infant and Early Childhood Mental Health: Core Concepts and Clinical Practice, American Psychiatric Press, 2014.
18. Tronick, E. (2015). In Alexander Harrison (Ed.), Psychoanalytic Inquiry: Ed Tronick's Contribution to the Theory and Technique of Psychoanalysis. Psychoanalytic Inquiry. An issue devoted to my work.
19. Hunter, R. Tronick, E. Special Issue. Behavioral epigenetics. R. Hunter, E. Tronick, (eds.). Frontiers in Neurosciences.
20. Tronick, E., Gold, C. The Power of Discord. Little Brown Sparks, in press, June, 2020

Non-print materials (selected):

Film:

1. Brazelton TB, Tronick E, Horowitz F. The Brazelton Neonatal Behavioral Scale: Three training films. Cambridge, MA: Educational Development Center, 1974
2. Lester, B, Tronick, E. NICU Network Neurobehavioral Assessment, Training Film. 2003

Selected Photographic Illustrations (of more than 350 from 1990-2018 published):

1. Tronick E. Efe mothers with a child working in Lese garden. The generations exhibit, Smithsonian, 1990.
2. Tronick E. Studying the Efe. In: Santrock JW. Child Development, Edition 5, WC Brown Publishing, 1991.
3. Tronick E. Efe Camp. In: Rossman A, Rubel PG, eds. Tapestry of culture: An introduction to cultural Anthropology. Edition 3, McGraw-Hill Publishing, 1991.
4. Tronick E. Studying the Efe. In: Santrock JW, Children, Edition 3, WC Brown Publishing

Company, 1992.

5. Tronick E. Efe man. In: Stein PL, Rowe BM, eds. Physical Anthropology, Edition 5, McGraw-Hill Publishing, 1992.
6. Tronick E. Bailey and Peacock studying the Efe. In: Turner S, Sociology, Prentice Hall Publishing Co., 1993.
7. Tronick E. Studying the Efe. In: Sanrock JW, Psychology: The science of mind and behavior, WC Brown Publishing Company, 1993.

Television and Radio (Selected)

1. Life's First Feelings. PBS Production
2. Depression. Discovery Channel.
3. Newborn Neurobehavior. 60 Minutes
4. Maternal Depression. NPR
5. Law and Order: Special Victims Unit
6. Mind in the Making. Work and Family Institute
7. July 2009 PREP Audio issue, Enhancing Parent/Child Interactions. American Academy of Pediatrics organized by Kurt Meltz, MD. CD format and be distributed to members of the APA. The audio link is:
<http://0053052.netsolhost.com/AAP/2009/043%20Attachment/Audio%202nd%20Edit/Attachment%202nd%20edit.mp3>
8. Babies. Netflix Series, February 2020

Invited Speeches (selected recent):

2017-2020

- >University of Saperenzia, Rome (March, 2017)
- >Creating Connections Conference in Netherlands (April, 2017)
- >Trauma Conference, Trauma Center Boston (June, 2017)
- >International Conference on Trauma and Attachment, Rome, (May, 2018)
- >World Association of Infant Mental Health, Rome (May 2018)
- >Australian Childhood Foundation, Australia (July 2018)
- >UCLA, Los Angeles, (April, 2019)
- >Parent Partnership, Torrence, CA (March, 2019)
- >Toronto Psychoanalytic Institute, Toronto (November, 2019)
- >International Attachment and Truama Conference, London (March, 2020)
- >Behavioral Pediatrics, Rome (March, 2020)

