

VITA
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Name: Alan D. Fogel

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Earned Degrees:

Ph.D., Education, University of Chicago, (Chicago, Illinois) 1976
M.S., Physics, Columbia University, (New York, New York) 1968
B.S., Physics, University of Miami, (Coral Gables, Florida) 1967

Professional Experience:

Associate Chair, Department of Psychology, University of Utah, 2010 - 2011
Professor, Department of Psychology, University of Utah, 1988-
Developmental Psychology Area Coordinator, Department of Psychology, University of Utah,
1990-1995; 2004 – 2009
Professor, Department of Child Development and Family Studies, and Department of Psychology,
Purdue University, 1987-1988
Child Development Area Coordinator, Department of Child Development and Family Studies,
1986-1988
Associate Professor, Department of Child Development and Family Studies, and Department of
Psychology, Purdue University, 1982-1988
Assistant Professor, Department of Child Development and Family Studies, Purdue University,
1976-1982.
Research Associate, Department of Education, University of Chicago, 1974-1976.
Instructor, Department of Psychology, Chicago State University, 1975-1976.
Assistant Professor, Department of Physics, Universidad Javeriana, Bogota, Colombia, 1968-1971
(Peace Corps Volunteer)

Visiting Professorships

Department of Psychology University of Rome, Italy, Summer 1999.
Department of Psychology, University of Florence, Italy, Spring 1996.
Department of Psychology, Free University, Amsterdam, Fall, 1995.
Department of Human Movement Science, Free University, Amsterdam, Fall, 1990.
Department of Educational Psychology, Nagoya University, Japan, 1983-84.

Awards and Honors:

Distinguished Scholarly and Creative Research Award, University of Utah, 2008
 Superior Teaching Award, College of Social and Behavior Sciences, University of Utah, 2006
 Distinguished Teaching Award, University of Utah, 2001
 Fellowship, Japan Society for the Promotion of Science, March 1999
 John R. Park Teaching Fellow, University of Utah, 1995-1996
 Superior Research Award, College of Social & Behavioral Sciences, University of Utah, 1995
 Outstanding teacher of 1992-93, Delta Delta Delta Sorority, University of Utah
 Fellow, American Psychological Association, Division 7, 1991-
 Mary L. Matthews Undergraduate Teaching Award, Purdue University, 1988
 Fulbright Fellowship, Senior Research Scholar, Department of Educational Psychology, Nagoya
 University (Japan), 1983-1984

Memberships:

American Psychological Association
 Society for Research in Child Development
 International Society for Infant Studies
 International Society for Research on Emotions
 Rosen Method Professional Association
 Associated Massage and Bodywork Professionals

Courses Taught:

Development of Relationships	Development of Communication
Growth and Development of Children	Infant in the Family
Advanced Child Development	Analysis of Social Interaction
Introduction to Infancy	The Cultural Contexts of Early Childhood
Social Development	Survey of Human Development
Dynamic Systems in Psychology	Infant Behavior
Parent-Infant Interaction	Social Development
Introductory Psychology	Professional Development
Chaos, Change, and Human Development	The Ecological Self

Research Areas of Interest:

Personal relationships and their development
 Development of communication in infants and children
 Emotional development
 Family, social & cultural contexts of human development
 Application of dynamic systems models to developmental psychology
 The psychosocial effects of therapeutic body work somatic awareness practices

Extramural Grants:

Utah Center for Exploring Mind-Body Interactions (UCEMBI), (Co-PI), National Institute of Health, \$300,000; September 2004 to August 2007.

UCEMBI Pilot Project, Effects of Rosen Method Bodywork on chronic pain, (PI), National Institute of Health, \$25,000; September 2004 to August 2007.

Bridging Grant, Office of the President, University of Utah, \$30,000; 2004 to 2005.

Love, Emotion and Empathy: Infancy to Early Childhood, The Institute for Research on Unlimited Love, \$99,919; May, 2004 to April, 2006.

Engendering Changes in the Movement and Communication Difficulties Experienced by Adults with Autism, NLM Foundation, \$88,252; December 2001 to May 2003.

Development of Emotion and Attention, National Institute of Mental Health, \$1,035,634; May 1, 1999 to April 30, 2004.

Bridging Grant, Office of the President, University of Utah, \$20,000; 1998-1999.

Visual Development in Infancy, University Research Committee, University of Utah, \$6,000; 1998-1999.

Posture and Communication, North Atlantic Treaty Organization, \$7,800; 1995-1997.

American Council of Learned Societies, Travel Award, \$500; 1995

Emotional development in infancy. National Institute of Mental Health. \$720,000; April, 1994 to March, 1998.

Communicative Development in Infants. National Science Foundation, \$53,898; from August 1, 1990 to January 31, 1992.

Biomedical Research Support Grant, National Institute of Health, \$7,800; 1989.

Biomedical Research Support Grant, National Institute of Health, \$4000; 1988.

The Development of Communicative Behavior in Infancy. National Institute of Child Health and Human Development, \$200,000; from August 1, 1986 to July 31, 1990.

Improving the Analysis of Developmental Data (with Rob Sheehan). March of Dimes Birth Defects Foundation, \$16,000; March 1983 to February 1985.

Infant-Mother Mutuality and the Origins of Attachment. Funded by the National Science Foundation for \$122,060; from September 1977 to September 1980.

Professional Service:

Psychology Today Magazine Blogger, *Body Sense* (<http://www.psychologytoday.com/blog/body-sense>), 2009 -

Advisory Board Member, Baby Siblings Research Consortium, Autism Speaks Foundation, 2009 –

Founder and Editor-in-chief, *Rosen Method International Journal*, 2007 -

Editorial Board, *Journal of Developmental Processes*, 2006 -

Editorial Board, *Infant Behavior and Development*, 1998-

Board Member, International Society for the Dialogical Self, 2001 -

Co-Director and Organizing Committee Member, *Council of Human Development*, 2002- 2009

Editorial Board, *Social Development*, 1998-2005

USA Regional Editor, *Infant and Child Development*, 1990-2003

Editorial Board, *Human Development*, 1997- 2002

Editorial Board, *Child Development*, 1988-1990

Board Member, Integrative Health Network, Salt Lake City, UT, 2001 - 2007

Board Member, Heymans Institute, University of Groningen, The Netherlands, 1998 - 2002

Editorial Board, *Monographs of the Society for Research in Child Development*, 1988-1990

Editorial Board, *Developmental Psychology*, 1986-1992

Guest Editor, 1983-1984 Annual report, *Research & Clinical Center for Child Development*, Department of Educational Psychology, Hokkaido University, Sapporo, Japan.

Ad hoc grants reviewer: National Science Foundation, National March of Dimes Foundation, John T. MacArthur Foundation, National Institutes of Health, Natural Sciences and Engineering Research Council of Canada, Social Science Research Council of Canada, Australian Government Research Grants Scheme

Ad hoc journal reviewer: *Developmental Psychology*, *Infant Behavior and Development*, *Child Development*, *Merrill-Palmer Quarterly*, *International Journal of Behavioral Development*, *Developmental Psychobiology*, *Social Development*, *Journal of Child Language*, *Journal of Non-Verbal Behavior*, *Early Development and Parenting*, *Human Development*.

Clinical Training and Licensing:

Rosen Method Bodywork Teacher-in-training, 2010 -

Rosen Method Body Work Certified Practitioner, 2004 –

Utah Massage Therapy License (DOPL Lic. #5027289-4701), 2004 –

Rosen Method Body Work Clinical Intern, 2001 – 2004.

Rosen Method Body Work Student, Rosen Method Southwest School, Santa Fe, NM, 1998-2001.

Shiatsu I, II, & III, School of Shiatsu & Massage, Harbin Hot Springs, Middletown, CA, 2001-2002

Publications:

a. *Authored Books:*

Fogel, A. (2010). *Infant development: A topical approach*. NY: Sloan Publishing.

Fogel, A. (2009). *The psychophysiology of self-awareness: Rediscovering the lost art of body sense*. The Norton Series on Interpersonal Neurobiology. NY: W. W. Norton

Fogel, A. (2009). *Infancy: Infant, family, and society, Fifth Edition*. NY: Sloan Publishing.

Fogel, A., Garvey, A., Hsu, H., & West-Stroming, D. (2006). *Change processes in relationships: A relational – historical research approach*. Cambridge, UK: Cambridge University Press.

Fogel, A. (2001). *Infancy: Infant, family, and society, Fourth Edition*. Pacific Grove, CA: Wadsworth.

Fogel, A. (1996). *Infancy: Infant, family, and society, Third Edition*. Pacific Grove, CA: Brooks-Cole.

Fogel, A. (1993). *Developing through relationships: Origins of communication, self and culture*. Chicago: University of Chicago Press.

Fogel, A. (1991). *Infancy: Infant, family, and society, Second Edition*. St. Paul, MN: West Publishing Co.

Fogel, A., & Melson, G. (1988). *Child development: Individual, family and society*. St. Paul, MN: West Publishing Co.

Fogel, A. (1984). *Infancy: Infant, family, and society*. St. Paul, MN: West Publishing Co.

b. *Edited Books*

Fogel, A., King, B. J., & Shanker, S. (Eds.), (2008). *Human development in the 21st century: Visionary policy ideas from systems scientists*. Cambridge, UK: Cambridge University Press.

Bremner, G., & Fogel, A. (Eds.), (2001). *Handbook of infant development*. London: Blackwell.

Fogel, A. Lyra, M., & Valsiner, J. (Eds.), (1997). *Dynamics and indeterminism in developmental and social processes*. NJ: Erlbaum.

Fogel, A., & Melson, G. (Eds.). (1985). *The origins of nurturance*. Hillsdale, NJ: Erlbaum.

Field, T., & Fogel, A. (Eds.). (1982). *Emotion and early interaction*. Hillsdale, NJ: Erlbaum.

c. *Articles in Refereed Journals:*

Fogel, A. (in press). Rosen Method Bodywork: Science and practice. *Somatics*.

Messinger, D., Ruvolo, P., Ekas, N., & Fogel, A. (in press). Are you interested baby? Young infants exhibit stable patterns of attention during interaction. *Infancy*.

Fogel, A. (2011). Theoretical and applied dynamic systems research in developmental science. *Child Development Perspectives* 5, 267-272.

Fogel, A. (2011). Embodied awareness: Neither implicit nor explicit, and not necessarily non-verbal. *Child Development Perspectives*, 5, 183-186.

Messinger, D., Ruvolo, P., Ekas, N., & Fogel, A. (2010). Applying machine learning to infant interaction: The development is in the details. *Neural Networks*, 23, 1004-1016.

Fogel, A. (2009). Research on Rosen Method: A summary of recently published studies, and how you can contribute. *Rosen Method International Journal*, 2(2), 10-21.

Jean, A. D. L., Stack, D. M., & Fogel, A. (2009). A longitudinal investigation of maternal

touching across the first 6 months of life: Age and context effects. *Infant Behavior and Development*, 32, 344-349.

Fogel, A. (2008). Emerging avenues of research on Rosen Method. *Rosen Method International Journal*, 1, 24-25.

Garvey, A. & Fogel, A. (2008). Emotions and communication as a dynamic developmental system. *Espaciotiempo*, 2, 62-73.

Fogel, A. & DeKoeyer-Laros, I. (2007). The developmental transition to secondary intersubjectivity in the 2nd half year: A microgenetic case study. *Journal of Developmental Processes*, 2, 63-90.

Dondi, M., Messinger, M., Colle, M., Tabasso, A., Simeon, F., Barba, B., Fogel, A. (2007). A new perspective on neonatal smiling: Differences between expert coders and naive observers. *Infancy*, 12, 235-255.

Garvey, A. & Fogel, A. (2007). Dialogical change processes, emotions, and the early emergence of self. *International Journal for Dialogical Science*, 2, 51-76.

Fogel, A. (2007). Documenting cases as a participant observer: A manual for somatic awareness practitioners. *International Feldenkrais Federation Academic Feldenkrais Research Journal*, 3. www.iffresearchjournal.org

Fogel, A. & Garvey, A. (2007). Alive communication. *Infant Behavior and Development*, 30, 251-257.

Fogel, A. (2006). Dynamic systems research on interindividual communication: The transformation of meaning making. *Journal of Developmental Processes*, 1, 7-30.

Fogel, A. & Kawai, M. (2006). *Hikikomori* in Japanese youth: Some possible pathways for alleviating this problem from the perspective of dynamic systems theory. *Bulletin of the Research and Clinical Center for Child Development*, 29, Hokkaido University, Japan.

Fogel, A., Hsu, H., Shapiro, A. F., Nelson-Goens, G. C., & Secrist, C. (2006). Effects of normal and perturbed social play on the duration and amplitude of different types of infant smiles. *Developmental Psychology*, 42, 459-473.

Lavelli, M. & Fogel, A. (2005). Developmental changes in the relationship between infant's attention and emotion during early face-to-face communication: The 2-month transition. *Developmental Psychology*, 41, 265-280.

Bellagamba F., & Fogel A. (2003) 'Il Sé dialogico nel secondo anno di vita. Analisi di un gioco sociale sviluppato nell'interazione madre-bambino' (The dialogical self in the second year of life. Analysis of a social game developed during mother-infant interaction). *Rassegna di Psicologia*, 20, 127-136.

Camaioni, L., Aureli, T., Bellagamba, F., & Fogel, A. (2003). A longitudinal examination of the transition to symbolic communication in the second year of life. *Infant and Child Development, 12*, 1-26.

Hsu, H., & Fogel, A. (2003) Social regulatory effects of infant nondistress vocalization on maternal behavior. *Developmental Psychology, 39*(6), 976-991.

Hsu, H., & Fogel, A. (2003) Stability and transitions in mother-infant face-to-face communication during the first 5 months: A microhistorical approach. *Developmental Psychology, 39*(6), 1061-1082.

Lavelli, M. & Fogel, A. (2002). Developmental changes in mother-infant face-to-face communication: Birth to 3 months. *Developmental Psychology, 38*, 288-305.

Messinger, D., Dondi, M.G., Nelson-Goens, C., Beghi, A., Fogel, A., & Simion, F. (2002). How sleeping neonates smile. *Developmental Science, 5*, 48-54.

Secrist, C., de Koeyer, I., Bell, H., & Fogel, A. (2002, May). Combining digital video technology and narrative methods for understanding infant development. *Forum for Qualitative Sociology Research, 3*, (2). Retrieved from <http://www.qualitative-research.net/fqs-texte/2-02/2-02secristetal-e.htm>

Fogel, A., de Koeyer, I., Bellagamba, F., & Bell, H. (2002). The dialogical self in the first two years of life: Embarking on a journey of discovery. *Theory and Psychology, 12*, 191-205.

Hsu, H. C., & Fogel, A. (2001). Infant vocal development in a dynamic mother-infant communication system. *Infancy, 2* (1), 87-109.

Hsu, H., Fogel, A., & Messinger, D. (2001). Infant non-distress vocalization during mother-infant face-to-face interaction: Factors associated with quantitative and qualitative differences. *Infant Behavior and Development, 24*, 107-128.

Messinger, D., Fogel, A., & Dickson, K.L. (2001). All smiles are positive, but some smiles are more positive than others. *Developmental Psychology, 37*, 642-653.

Fogel, A. (2000). The sociocultural and historical context of developmental studies. O Contexto Sociocultural e Historico dos Estudos do Desenvolvimento. *Psicologia: Reflexao e Critica, 13*, (2), 311-318.

Fogel, A. (2000). Systems, attachment, and relationships. *Human Development, 43*, 314-320.

Fogel, A. (2000). Developmental pathways in close relationships. *Child Development, 71*, 1150-1151.

Fogel, A., Nelson-Goens, G. C., Hsu, H. C., & Shapiro, A. F. (2000). Do different infant smiles reflect different positive emotions? *Social Development, 9* (4), 497-520.

Hsu, H. C., Fogel, A., & Cooper, R. B. (2000). Infant vocal development during the first 6 months: Speech quality and melodic complexity. *Infant and Child Development, 9*, 1-6.

Fogel, A. (1999). Systems, cycles, and developmental pathways. *Human Development, 42*, 213-216.

Fogel, A., Messinger, D. S., Dickson, K. L., & Hsu, H. (1999). Posture and gaze in early mother-infant communication: Synchronization of developmental trajectories. *Developmental Science, 2*(3), 325-332.

Messinger, D. S., Fogel, A., & Dickson, K. L. (1999). What = s in a smile? *Developmental Psychology, 35*(3), 701-708.

Nwokah, E. E., Hsu, H., Davies, P., & Fogel, A. (1999). The integration of laughter and speech in vocal communication: A dynamic systems perspective. *Journal of Speech, Language, and Hearing Research, 42*, 1-15.

Messinger, D. S., & Fogel, A. (1998). Give and take: The development of conventional infant gestures. *Merrill-Palmer Quarterly, 44*, 566-590.

Dickson, K. L., Walker, H., & Fogel, A. (1997). The relation between smile-type and play-type during parent-infant play. *Developmental Psychology, 33*, 925-933.

Franco, F., Fogel, A., Messinger, D., & Frazier, C. (1996). Cultural differences in physical contact between Hispanic and Anglo mother-infant dyads living in the United States. *Early Development and Parenting, 5*, 119-127.

Melson, G., & Fogel, A. (1996). Parental perceptions of their children = s involvement with household pets: A test of a specificity model of nurturance. *Anthrozoos, 9*, 95-106.

Reinecke, M., & Fogel, A. (1994). The development of referential offering in the first year. *Early Development and Parenting, 3*, 181-186.

Nwokah, E., Hsu, H., & Fogel, A. (1993). Vocal affect in three-year-olds: A quantitative acoustic analysis of child laughter. *Journal of the Acoustical society of America, 94*, 3076-3090.

Nwokah, E., Hsu, H., Dobrowolska, O., & Fogel, A. (1993). The development of laughter in mother-infant communication: Timing parameters and temporal sequences. *Infant Behavior and Development, 16*, 23-35.

Nwokah, E., & Fogel, A. (1993). Laughter in mother-infant emotional communication.

Humor: International Journal of Humor Research, 6-2, 137-161.

Toda, S., & Fogel, A. (1993). Infant response to the still-face situation at three and six months. *Developmental Psychology*, 29, 532-538.

Fogel, A. (1992). Origins of the self in early infancy: Is self-perception sufficient? *Psychological Inquiry*, 3, 115-117.

Fogel, A., Nwokah, E., Dedo, J., Messinger, D., Dickson, L., Matusov, E., & Holt, S. (1992). Social process theory of emotion: A dynamic systems approach. *Social Development*, 1, 122-142.

Fogel, A., Nwokah, E., Dedo, J., Messinger, D., Dickson, L., Matusov, E., & Holt, S. (1992). Social process theory of emotion: A radical contextualist perspective. *Social Development*, 1, 147-150.

Fogel, A. (1992). Movement and communication in human infancy: The social dynamics of development. *Human Movement Science*, 11, 387-423.

Fogel, A. (1992). Co-regulation, perception and action. *Human Movement Science*, 11, 505-523.

Fogel, A., Dedo, J., & McEwen, I. (1992). Effect of postural position on the duration of gaze at mother during face-to-face interaction in 3- to 6-month-old infants. *Infant Behavior and Development*, 15, 231-244.

Reimers, M., & Fogel, A. (1992). The evolution of joint attention to objects between infants and their mothers: Diversity and convergence. *Analise Psicologica*, 1, 81-89.

Fogel, A., Karns, J. & Kawai, M. (1990). Lateral asymmetry in attention for 3-month-old human infants during face-to-face interaction with mother. *Developmental Psychobiology*, 23, 1-14.

Toda, S., Fogel, A. & Kawai, M. (1990). Maternal speech to three-month-old infants in the United States and Japan. *Journal of Child Language*, 17, 279-294.

Fogel, A. (1990). The social dynamics of early human development. *Bulletin of the Research and Clinical Center for Child Development*, 13, 1-12 Hokkaido University, Japan.

Fogel, A. (1989). Using cross-cultural research to study dynamic processes in development: Comments on Bril, Zack and Nkounkou-Hombessa's paper. *European Journal of Psychology of Education*, 4, 319-321.

Melson, G. F., & Fogel, A. (1989). Children's ideas about animal young and their care: A reassessment of gender differences in the development of nurturance. *Anthrozoos*, 2, 265-272.

Fogel, A. (1988). Cyclicity and stability in mother-infant face-to-face interaction: A commentary on Cohn and Tronick. *Developmental Psychology, 24*, 393-395.

Fogel, A., Toda, S., & Kawai, M. (1988). Mother-infant face-to-face interaction in Japan and the United States: A laboratory comparison using 3-month-old infants. *Developmental Psychology, 24*, 398-406.

Melson, G. F., & Fogel, A. (1988). Research in review: The development of nurturance in young children. *Young Children*, (March), 57-65.

Hannan, T.E., & Fogel, A. (1987). A case study assessment of "pointing" in the first three months of life. *Perceptual and Motor Skills, 65*, 187-194.

Fogel, A., & Thelen, E. (1987). The development of early expressive and communicative action: Re-interpreting the evidence from a dynamic systems perspective. *Developmental Psychology, 23*, 747-761.

Fogel, A. (1986). Towards an international science of social development. *Bulletin of the Department of Education*, Nagoya University, Japan.

Thelen, E., Kelso, J.A.S., & Fogel, A. (1986). Self-organizing systems and infant motor development. *Developmental Review, 7*, 39-65.

Fogel, A., Melson, G., & Mistry, J. (1986). Young children's interest in unfamiliar infants: The effects of adult involvement. *International Journal of Behavioral Development, 10*, 37-50.

Melson, G., Fogel, A., & Toda, S. (1986). Young children's ideas about infants and their care. *Child Development, 57*, 1519-1527.

Fogel, A. (1986). The role of adults in infant development. *Current Topics in Early Childhood Education, 6*, 33-61.

Fogel, A., & Hannan, T.E. (1985). Manual acts of 9 to 15 week-old human infants during face-to-face interaction with their mothers. *Child Development, 56*, 1271-1279.

Fogel, A. (1982). Social play, positive affect, and coping skills in the first 6 months of life. *Topics in Early Childhood Special Education, 2*, 53-65.

Melson, G., & Fogel, A. (1982). Young children's interest in unfamiliar infants. *Child Development, 53*, 693-700.

Fogel, A. (1982). Early mother-infant interactions: Expectable sequences of behavior. *Journal of Pediatric Psychology, 7*, 1-22.

Fogel, A. (1980). The role of emotion in early childhood education. *Current Topics in Early Childhood Education, 3*, 1-14.

Kaye, K., & Fogel, A. (1980). The temporal structure of face-to-face communication between mothers and infants. *Developmental Psychology*, *16*, 454-464.

Fogel, A. (1980). The effect of brief separation on two month old infants. *Infant Behavior and Development*, *3*, 315-330.

Fogel, A. (1980). On giving affection and love to young children. *Dimensions*, *8*, 39-44.

Fogel, A. (1979). Peer vs. mother directed behavior in one to three month old infants. *Infant Behavior and Development*, *2*, 215-226.

Fogel, A. (1970). A modern physics course for Colombia. *American Journal of Physics*, *38*, 806-813.

d. *Book Chapters:*

Fogel, A. (2010). Historical reflections on infancy. In G. Bremner & T. E. Wachs (Eds.), *Handbook of Infant Development: Second Edition*. UK: Blackwell Publishers Ltd..

Fogel, A. (2009). What's a transaction? In A. Sameroff (Ed.), *The transactional model of development: How children and contexts shape each other*. Washington, DC: APA Books.

Fogel, A. & Kawai, M. (2008). Current problems of Japanese youth: Some possible pathways for alleviating these problems from the perspective of dynamic systems theory. In A. Fogel, B. J. King, & S. Shanker (Eds.), *Human development in the 21st century: Visionary policy ideas from systems scientists*. Cambridge, UK: Cambridge University Press.

Fogel, A. (2008). Relationships that support human development. In A. Fogel, B. J. King, & S. Shanker (Eds.), *Human development in the 21st century: Visionary policy ideas from systems scientists*. Cambridge, UK: Cambridge University Press.

Fogel, A., Greenspan, S., King, B. J., Lickliter, R., Reygadas, P., Shanker, S., & Toren, C. (2008). Dynamic systems methods for the life sciences. In A. Fogel, B. J. King, & S. Shanker (Eds.), *Human development in the 21st century: Visionary policy ideas from systems scientists*. Cambridge, UK: Cambridge University Press.

Messinger, D. & Fogel, A. (2007). The interactive development of social smiling. In R. Kail (ed.), *Advances in Child Development and Behavior*, *35*, 327-366. Oxford: Elsevier.

Fogel, A. (2004). Remembering infancy: Accessing our earliest experiences. In G. Bremner & A. Slater (Eds.), *Theories of infant development*. Blackwell Publishers.

Lavelli, M., Pantoja, A. P. F., Hsu, H.C., Messinger, D., & Fogel, A. (2004). Using microgenetic designs to study change processes. In D. G. Teti, (Ed.), *Handbook of research methods in developmental science* (pp.40-65). Cambridge: Blackwell Publishers:

Fogel, A. (2003). Lessons from our infancy: Relationships to self, other, and nature. In C. Raeff & J. B. Benson (Eds.), *Social and cognitive development in the context of individual, social, and cultural processes*. London: Routledge.

Pantoja, A. P. F., Nelson-Goens, G. C., & Fogel, A. (2001). A dynamical systems approach to the study of early emotional development in the context of mother-infant communication. In A. F. Kalverboer & A. Gramsbergen (Eds.), *Brain and behavior in human development*. Dordrecht, The Netherlands: Kluwer Academic Publishers.

Fogel, A. (2001). The history (and future) of infancy. In G. Bremmer and A. Fogel (Eds.), *Handbook of infant development*. Cambridge: Blackwell Publishers Ltd.

Fogel, A. (2001). A relational perspective on the development of self and emotion. In H. A. Bosma & E. S. Kunnen (Eds.), *Identity and emotions: Development through self-organization*. Cambridge University Press.

Fogel, A. (2000). Beyond individuals: A relational-historical approach to theory and research on communication. In M. L. Genta (Ed.), *Mother-infant communication* (pp.123-161). Rome, IT: Carocci.

Dickson, K.L., Fogel, A., & Messinger, D. (1998). The development of emotion from a social process view. In M. F. Mascolo & S. Griffen (Eds.), *What develops in emotional development?* (pp. 253-271). NY: Plenum Press.

Holt, S. A., Fogel, A., & Wood, R. M. (1998). Innovation in social games. In M. Lyra & J. Valsiner (Eds.), *Construction of psychological processes in interpersonal communication* (pp. 35-51). Stamford, CT: Ablex.

Fogel, A. (1997). A relational perspective on attachment. In W. Koops, J. Hoeksma, & D. van den Boom (Eds.), *Early mother-child interaction and attachment: Old and new approaches*. Amsterdam: Elsevier Science Publishers.

Fogel, A. (1997). Seeing and being seen. In V. Lewis & G. Collis (Eds.), *Blindness and psychological development*. London: British Psychological Society.

Fogel, A. (1997). Information, creativity, and culture. In C. Dent-Read & P. Zukow-Goldring(Eds.), *Changing ecological approaches to development: Organism-environment mutualities*. APA Publications.

Fogel, A., & Lyra, M. (1997). Dynamics of development in relationships. In I. Masterpasqua & P. Perna (Eds.), *The psychological meaning of chaos*. Washington DC: APA Press.

Fogel, A., & Branco, A. U. (1997). Meta-communication as a source of indeterminism in relationship development. In A. Fogel, M. Lyra & J. Valsiner (Eds.), *Dynamics and indeterminism*

in developmental and social processes. NJ: Erlbaum.

Fogel, A., Dickson, L., Hsu, H., Messinger, D., Nelson, G. C., & Nwokah, E. (1997). Communication of smiling and laughter in mother-infant play: Research on emotion from a dynamic systems perspective. In K. Barrett (Ed.), *New Directions in Child Development: Emotion and Communication*, NY: Jossey-Bass.

Messinger, D., Fogel, A., & Dickson, L. (1997). A dynamic systems approach to infant facial action. In J. Russell (Ed.), *New directions in the study of facial expression*. NY: Cambridge University Press.

Fogel, A. (1995). Relational narratives of the pre-linguistic self. In P. Rochat (Ed.), *The self in early infancy: Theory and research*. Amsterdam: Elsevier North Holland.

Fogel, A. (1995). Development and relationships: A dynamic model of communication. In P. Slater (Ed.), *Advances in the study of behavior* (pp 259-290). New York: Academic Press.

Fogel, A. (1993). Two principles of communication: Co-regulation and framing. In J. Nadel & L. Camaioni (Eds.), *New perspectives in early communicative development*. London: Routledge.

Fogel, A., Nwokah, E., Hsu, H., Dedo, J., & Walker, H. (1993). Posture and communication in mother-infant interaction. In G. Savelsbergh (Ed.), *The development of coordination in infancy*. Amsterdam: Elsevier.

Fogel, A., Nwokah, E., & Karns, J. (1993). Parent-infant games as dynamic social systems. In K. B. MacDonald (Ed.), *Parents and children playing*. Albany, NY: SUNY Press.

Walker, H., Messinger, D., Karns, J., & Fogel, A. (1992). Social and communicative aspects of infant development. In V. Van Hasselt (Ed.), *Handbook of social development: A life-span perspective*. NY: Plenum.

Fogel, A., Stevenson, M.B. & Messinger, D. (1992). Parenthood in Japan and the United States: Its relationship to early childhood development. In J.L. Roopnarine & D. B. Carter (Eds.), *Parent-child relations in diverse cultural settings*. Norwood, NJ: Ablex.

Fogel, A. (1990). Sensorimotor factors in communicative development. In H. Bloch & B. Bertenthal (Eds.), *Sensorimotor organization and development in infancy and early childhood*. NATO ASI Series: The Netherlands: Kluwer.

Fogel, A. (1990). The process of developmental change in infant communicative action: Using dynamic systems theory to study individual ontogenies. In J. Colombo & J. W. Fagen (Eds.), *Individual differences in infancy: Reliability, stability and prediction*. Hillsdale, NJ: Erlbaum.

Thelen, E., & Fogel, A. (1989). Toward an action-based theory of infant development. In

J. Lockman & N. Hazen (Eds.), *Action in social context: Perspectives on early development*. NY: Plenum.

Fogel, A., & Melson, G. (1988). The development of nurturance in young children. In H. Kojima (Ed.), *Social world of infants and young children: Developing within the context of sibling and peer relations*.

Melson, G., Fogel, A., & Mistry, J. (1985). The study of nurturant interactions: From the infant's perspective. In A. Fogel & G. Melson (Eds.), *Origins of nurturance*. NJ: Erlbaum.

Fogel, A., Melson, G., & Mistry, J. (1985). Conceptualizing the determinants of nurturance: Sex differences. In A. Fogel & G. Melson (Eds.), *Origins of nurturance*. NJ: Erlbaum.

Fogel, A. (1985). Coordinative structures in the development of expressive behavior in early infancy. In G. Zivin (Ed.), *The development of expressive behavior: Biology-environment interactions*. New York: Academic Press.

Fogel, A. (1983). Emotional development. In H. Mitzel (Ed.), *Encyclopedia of educational research*, AERA Publications.

Fogel, A. (1982). Affect dynamics in early infancy: Affective tolerance. In T. Field & A. Fogel (Eds.), *Emotion and early interaction*. Hillsdale, NJ: Erlbaum.

Fogel, A., Diamond, G., Langhorst, B., & Demos, V. (1982). Affective and cognitive aspects of early face-to-face interaction. In E. Tronick (Ed.), *Social interchange in infancy: Affect, cognition and communication*. Baltimore: University Park Press.

Fogel, A. (1981). The ontogeny of gestural communication: The first six months. In R. Stark (Ed.), *Language Behavior in Infancy and Early Childhood*. New York: Elsevier.

Fogel, A. (1975). Temporal organization in mother-infant face-to-face interaction. In H.R. Schaffer, (Ed.), *Studies in Mother-Infant Interaction*. New York: Academic Press, 1977.

e. *Other Publications:*

Fogel, A. (2011, March/April). The brain and bodywork: Exploring pain through body sense. *Massage and Bodywork*, 54-61.

Fogel, A. (2010, March). When writing about Rosen Method: Choosing Rosen newsletters or the Rosen Method International Journal? *RMPA Views, Newsletter of the Rosen Method Professional Association*, 22 (1), 12.

Fogel, A. (ongoing from 2009). Editorials, *Rosen Method International Journal* (www.rosenjournal.org).

Fogel, A. (ongoing from 2009). *Psychology Today Magazine Blogger, Body Sense* (<http://www.psychologytoday.com/blog/body-sense>).

Fogel, A., de Koeyer, I., Secrist, C., Sipherd, A., Hafen, T., & Fricke, M. (2003). The revised relational coding system (<http://www.psych.utah.edu/lab/somatics/lectures/revisedrelationalcoding.pdf>)

Fogel, A., de Koeyer, I., Secrist, C., & Nagy, R. (2002). Dynamic systems theory places the scientist in the system. Commentary for *Behavioral and Brain Sciences*, 25, 623-624.

Dodd, D., & Fogel, A. (1992). Non-innatist alternatives to the negative evidence hypothesis, Commentary for *Brain and Behavioral Sciences*.

Fogel, A., & Reimers, M. (1990). Can systems thinking contribute to developmental psychology? [Review of M. Gunnar & E. Thelen, *Systems and development*]. *Contemporary Psychology*, 35, 1048-1050.

Fogel, A. & Reimers, M. (1989). On the psychobiology of emotions and their development. Commentary for *Monographs of the Society for Research in Child Development*, 54 (Serial no. 219), 105-113.

Fogel, A. (1988). Dynamic systems in human development: The inhibition of attention to mother in early infancy. In J.A.S. Kelso, A.J. Mandell & M.F. Shlesinger (Eds.), *Dynamic patterns in complex systems*. New Jersey: World Scientific [Abstract only].

Melson, G. F., & Fogel, A. (1988, January). Becoming a nurturer: How caring grows in childhood. *Psychology Today*.

Fogel, A. (1987). A comprehensive approach to gestures [Review of *Biological foundations of gestures*]. *Contemporary Psychology*, 32, 971- 972.

Fogel, A. (1987). [Review of R. Buck, *The communication of emotion*.] *International Journal of Behavioral Development*, 10, 259-261.

Fogel, A. (1987, January). When young children experience divorce. *Child Care Center Magazine*, pp. 34-37.

Fogel, A. (1986, August 26). Parents often have to think like children. *Chicago Tribune*.

Fogel, A. (1984, April). Childrearing in the U.S. and Japan [Guest editorial]. *Japan Times*.

Fogel, A. (1980). Prudence before wisdom. [Review of M. Bullows (Ed.), *Before Speech*]. *Contemporary Psychology*, 25, 783-784.

Fogel, A. (1979, March). [Review of S. Duncan and D. Fiske, *Face-to-Face Interaction* and G. Sackett, *Observing Behavior, Vols. 1 & 2*]. *Human Ethology Newsletter*.

Presentations:

a. *Invited Lectures and workshops:*

Fogel, A. (2011, May). *Rosen Method: Science and Practice*. Workshop presented for the Rosen Method Open Center and the Rosen Institute, Katonah, NY.

Fogel, A. (2011, May). *Parent-infant emotional co-regulation in the first year as the foundation for personhood and partnership*. Annual Jack Reilly Lecture in Infant and Toddler Caregiving, Syracuse University, NY.

Fogel, A. (2010, October). *Doing research one person at a time: Tools for practitioners to document their own cases in Rosen Method*. Workshop presented at the Rosen Method IVth Global Congress, Heythrop Park, UK.

Fogel, A. (2010, October). *The psychophysiology of self-awareness and how it applies to Rosen Method*. Workshop presented at the Rosen Method IVth Global Congress, Heythrop Park, UK.

Fogel, A. (2010, September). *Dynamic systems research on change processes using ordinary behavioral science methods*. Workshop presented at The Centre for Research on Human Development, Concordia University, Montreal, CA.

Fogel, A. (2010, February). *Dynamics of change during life transitions: Lessons from microgenetic research on mother-infant relationships*. Department of Psychology, York University, Toronto, CA.

Fogel, A. (2009, December). *Dynamics of change during life transitions: Lessons from microgenetic research on mother-infant relationships*. Department of Psychology, Brigham Young University, Provo, UT.

Fogel, A. (2009, May). *Dynamics of change during life transitions: Sudden vs. smooth*. Invited lecture, Department of Developmental Psychology, University of Groningen, NL.

Fogel, A. (2008, October). *Writing about Rosen Method*. Workshop presented at the 3rd Rosen Method Global Congress, Garrison Institute, Garrison, NY.

Fogel, A. (2008, March). *What is a transaction?* Invited presentation, Transactional methods and models symposium, University of Michigan, Ann Arbor, MI.

Fogel, A. (2007, August). *A study of relationships: Mothers, infants, and autistic adults*. Invited keynote address, Relationship Development Intervention Conference. San Diego, CA.

Fogel, A. (2007, May). *Developmental neuropsychology of somatic awareness: Implications for treatment and education*. Invited lecture for Developing the Science of Somatic

Awareness and Somatic Psychotherapy Practices Lecture Series, The Rosen Institute, JFKU Somatic Psychology Program, and The CIIS Center for the Study of the Body in Psychotherapy, Berkeley, CA.

Fogel, A. (2007, April). *The body and the breath as it relates to neuroscience*. Invited lecture, Rosen Method Professional Association annual meeting, Claymont Society Retreat Center, Charlestown, WVA.

Fogel, A. (2006, August). *Change processes in relationships*. Distinguished International Lectureship, Japan Society for Developmental Psychology, Waseda University, Tokyo, Japan.

Fogel, A. (2006, May). *Transactional dynamics of development*. Invited lecture, Department of Psychology, University of Michigan, Ann Arbor.

Fogel, A. (2006, April). *The importance of human connection*. Invited lecture, Rosen Method Professional Association annual meeting, Soquel, CA.

Fogel, A. (2006, March). *Enhancing parental and caregiver empathy through somatic resonance*. Invited workshop and lecture, Children's Hospital and Research Center, Oakland, CA

Fogel, A. (2005, September). *Using experiential exercises to enhance empathy for infants*. Invited workshop and lecture, Institute on Infant and Toddler Mental Health, Scottsdale, AZ.

Fogel, A. (2005, July). *Links between emotion and communication in the first year of life*. Invited lecture, Department of Psychology, University of Bari, Italy.

Fogel, A. (2005, June). *The dynamics of emotional communication in the first year of life*. Invited lecture, Conference on Communication, Language, and Theory of Mind in Typical and Atypical Development. University of Rome, Italy.

Fogel, A. (2005, May) *Progress report on the effects of Feldenkrais lessons on low functioning adults with autism*. Invited lecture, NLM Foundation Annual Meeting, Boston, MA.

Fogel, A. (2005, February). *Current problems of Japanese youth: Some possible pathways for alleviating these problems from the perspective of dynamic systems theory*. Invited lecture, Department of Education, Mukogawa University, Osaka, Japan.

Fogel, A. (2004, October). *What research on early emotional development tells us about developmental disability*. Invited lecture, Annual meeting of the Interdisciplinary Council on Learning and Developmental Disorders, Washington, DC.

Fogel, A. (2004, October). *Dynamic systems research on relationship development*. Invited lecture, Department of Child and Family Development, Arizona State University, Tempe, AZ.

Fogel, A. (2004, August). *The development of embodied self awareness*. Invited lecture, Preconference workshop on the Sense of Self, Conference of the Feldenkrais Guild of North

America, Seattle, WA.

Fogel, A. & Beebe, B. (2004, July). Invited workshop, *Qualitative analysis of videotapes in research on emotion*. International Society for Research on Emotions, New York, NY.

Fogel, A. & Wooten, S. (2004, July). Invited workshop, *Implications of Rosen Method Bodywork for research on emotions*. International Society for Research on Emotions, New York, NY.

Fogel, A. & de Koeyer, E. (2004, May). *Antecedents of empathy*. Invited presentation, Research seminar sponsored by the Institute for Research on Unlimited Love and the Fetzer Foundation, Washington, DC.

Fogel, A. & Campos, J. (2004, May). *Issues in emotional development*. Invited dialogue, International Society for Infant Studies, Chicago, IL.

Fogel, A. (2004, April). *Relational-historical research*. Invited lecture, Seminar on observational research methods, Harper's Ferry, WV.

Fogel, A. (2004, April). *Dynamic systems and development*. Invited lecture, Seminar on Dynamic Systems Theory, University of Minnesota, Minneapolis, MN.

Fogel, A. (2004, March). *The effects of Feldenkrais lessons on low functioning adults with autism*. Invited lecture, NLM Foundation Annual Meeting, Boston, MA.

Fogel, A. (2003, October). *Documenting cases as a participant observer*. Invited workshop, Rosen Method Professional Association, Secheldt, B.C.

Fogel, A. (2003, May). *Relational-historical research*. Invited lecture, Department of Cognitive Science, University of California, San Diego.

Fogel, A. (2003, April). *Emotional development in infancy*. Invited lecture, Department of Psychology, University of California, Berkeley.

Fogel, A. (2003, March). *What infants can teach us about embodiment*. Invited lecture, Pembroke Center, Gender and culture studies program, Brown University, Providence, RI.

Fogel, A. (2003, February). *Microgenetic research methods*. Department of Psychology, University of Verona, Italy.

Fogel, A. (2003, February). *Applications of the relational coding system*. Department of Psychology, University of Bologna, Italy.

Fogel, A. (2002, August). *Mother-infant relationships and emotional development*. Invited lecture, Conference on Pain and Emotion, Solitude, UT.

Fogel, A. (2002, June). *Relational-historical research*. Invited symposium participant, Jean Piaget Society, Philadelphia, PA.

Fogel, A. (2001, May). *Dynamics of emotion in relationships*. Invited lecture, Department of Psychology, University of Oregon.

Fogel, A. (2000, September). *Embodied cognition: Self-awareness in the first year of life*. Invited lecture, Associazione Italiana di Psicologia, Sezione di Psicologia dello Sviluppo. Alghero, Sardegna, Italy.

Fogel, A. (2000, July). *Dynamics of change in relationships*. Invited lecture, XII International Conference on Infant Studies, Brighton, England.

Fogel, A. (1999, October). *Developing through relationships*. Invited lecture, NLM Foundation, Boston, MA.

Fogel, A. (1999, October). *Dynamics of emotion and communication*. Invited lecture, Emory University, Atlanta, GA.

Fogel, A. (1999, March). *Relationship change*. Invited presentation, Japan Society for Developmental Psychology, Osaka, Japan.

Fogel, A. (1998, October). *Developing through relationships: Self, culture, and communication*. Keynote speech, Autism National Committee annual conference, Valley Forge, PA.

Fogel, A. (1998, October). *Enhancing growth in relationships*. Invited workshop, Autism National Committee annual conference, Valley Forge, PA.

Fogel, A. (1998, October). *Emotional development*. Invited lecture, University of Bologna, Italy.

Fogel, A. (1998, September). *A story of science and a science of stories*. Keynote speech, Annual Conference of the Feldenkrais Guild, Los Angeles, CA.

Fogel, A. (1998, September). *Action and theory as complementary ways of knowing: Illustrations from research on development and relationships*. Invited workshop, Annual Conference of the Feldenkrais Guild, Los Angeles, CA.

Fogel, A. (1998, January). *Development in relationships*. Invited workshop, Reese Movement Institute, San Diego, CA.

Fogel, A. (1997). Invited lectures on *relationships, change processes, and emotion*.
 Concordia University, Montreal (1997, October)
 University of Utrecht, Netherlands (1997, September)

University of Nijmegen, Netherlands (1997, September)
 University of Florence, Italy (1997, May)
 University of Rome, Italy (1997, May)

Fogel, A. (1995-1996). Invited lectures on *The development of relationships, emotion, and self*.

University of Warwick, England (1995, September)
 University of Stockholm, Sweden (1995, October)
 University of Trondheim, Norway (1995, October)
 University of Groningen, The Netherlands (1995, November)
 Free University, Amsterdam, The Netherlands (1995, December)
 University of Turin, Italy (1996, February)
 University of Bologna, Italy (1996, March)
 University of Bern, Switzerland (1996, March)
 University of Florence, Italy (1996, April)
 University of Padua, Italy (1996, May)
 University of Rome, Italy (1996, May)

Fogel, A. (1995, April). *The self as a relational process*. Invited presentation, University of Nevada, Reno, NV.

Fogel, A. (1995, April). *Relationships as dynamic developing systems*. Invited presentation, York University, Toronto, ON.

Fogel, A. (1995, March). *Relationships as dynamic developing systems*. Invited presentation, University of Wyoming, Laramie, WY.

Fogel, A. (1995, March). *Relationship development: A dynamic systems perspective*. Paper presented at Society for Research in Child Development, Indianapolis, IN.

Fogel, A. (1995, February). *Humanistic and scientific approaches to teaching*. Invited presentation, Franklin & Marshall College, Lancaster, PA.

Fogel, A. (1995, January). *A dynamic systems perspective on emotions*. Invited presentation, Department of Psychology, Indiana University.

Fogel, A. (1994, July). *Development of the self in infancy*. Invited presentation. Department of Psychology, University of Nijmegen, The Netherlands.

Fogel, A. (1994, February). *Development as a relational process*. Invited presentation. Psychoanalytic Society for the Study of Intersubjectivity, New York, NY.

Fogel, A. (1992, November). *Relationships: Theory and research*. Invited presentation, Department of Psychology, University of Brasilia, University of Pernambuco (Recife), Brazil.

Fogel, A. (1992, October). *Developing through relationships*. Invited address, Brazilian

Psychological Society, University of Sao Paulo.

Fogel, A. (1992, February). *How relationships create persons*. Invited presentation, Department of Philosophy, University of Texas, Austin.

Fogel, A. (1990, November). *A dynamic systems approach to social development*. Invited presentation, Department of Psychology, University of Nevada, Reno.

Fogel, A. (1990, October). *Social dynamics of development*. Invited presentation presented at University of Groningen (Netherlands), Free University (Amsterdam), and CNRS (National Research Institute on Psychobiology), Paris.

Fogel, A. (1989, July). *Sensorimotor factors in the development of infant communication*. Invited paper presented at NATO conference on sensorimotor development, Rouen, France.

Fogel, A. (1989, June). *How do infants become communicative partners?* Invited workshop, Infancy and early childhood 6th annual conference, Utah State University, Logan, Utah.

Fogel, A. (1989, April). *A dynamic systems perspective on communicative action*. Invited workshop, pre-conference workshop on dynamic systems in development, Society for Research in Child Development meetings, Kansas City, MO.

Fogel, A. (1988, November). *Dynamic systems approaches to communicative development*. Invited presentation presented at Department of Psychology, Duke University.

Fogel, A. (1988, January). *A systems approach to the study of communicative development in infancy*. Invited colloquium presented at Department of Psychology, University of Utah.

Fogel, A. (1987, July). *Early childhood development in Japan and the United States: History, culture, theory and research*. Invited series of lectures, sponsored by the Joint Committee for Academic Exchange in the Humanities and Social Sciences of Kobe University, Osaka University and Osaka University of Foreign Studies, Japan.

Fogel, A. (1987, July). *New directions in infancy research*. Invited Panelist, Symposium on new directions in infancy research, Sapporo, Japan.

Fogel, A. (1987, July). *Systems and development*. Invited speaker, Nagoya University, Japan.

Fogel, A. (1985, December). *Ontogenetic timing: A system's approach*. Invited colloquium, Department of Psychology, Indiana University.

Fogel, A. (1985, May). *Childrearing and education in Japan and America*. Invited presentation address, Department of Child and Family Development, Auburn University.

Fogel, A. (1985, May). *Toward an international science of social development*. Invited

lecture, Department of Child and Family Development, Auburn University.

Fogel, A. (1985, March). *Child development in Japan*. Invited Panelist, Center for Human Growth and Development, University of Michigan.

Fogel, A. (1983-1984). Invited presentations at the following Japanese Universities: Tokyo Women's University, Nagoya University, Hokkaido University, Kobe University, Nanzan University (Nagoya).

Fogel, A. (1983, June). *Development of gestural communication*. Invited colloquium, Haskins Laboratories, Yale University.

Fogel, A. (1980, January). *The social behavior of 2-month olds: Recent findings*. Invited presentation, Mailman Center for Child Development, University of Miami.

Fogel, A. (1979, October). *Language behavior in infancy and early childhood*. Invited presentation, Johnson and Johnson Pediatric Roundtable, Santa Barbara, CA.

Fogel, A. (1978, June). *Early infant relationships*. Invited keynote address for the Commission on Infants and Toddlers of the Chicago Association for the Education of Young Children.

Fogel, A. (1978, March). *Microanalysis of infant social behavior*. Invited presentation, Cornell University Medical Center, New York Hospital, New York.

Fogel, A. (1978, March). *Relationships, peers and parents in the first three months of life*. Invited Lecture, Chicago Association for the Education of Young Children.

Fogel, A. (1977, October). *Early social behavior in infants*. Invited colloquium, Max-Planck Institute for Psychiatry, Munich, Germany.

Fogel, A. (1976, April). *Socialization: Process of product?* Invited presentation, Northern Illinois University.

b. *Conference Presentations*

Stone, S. A., Porter, C. L., & Fogel, A. (2010, March). *Orienting response in relation to mother-infant communication and infant temperament*. Poster presented at the Society for Research in Child Development, Montreal, Canada.

Stone, S. A., Fogel, A., Stanley, M. C., & Gurholt, K. G. (2010, March). *Inter- and intradyad differences in communication patterns in the first 6 months*. Poster presented at the Society for Research in Child Development, Montreal, Canada.

Messinger, D., Ekas, N., Ruvolo, P., & Fogel, A. (2010, May). *Young infants exhibit stable patterns of interest and affect during interaction*. Poster presented at the Association for

Psychological Science Annual Convention, Boston, MA.

Messinger, D., Ekas, N., & Fogel, A. (2010, May). *Early bi-directional influence: Competing agendas when infants gaze and mothers smile*. Poster presented at the Association for Psychological Science Annual Convention, Boston, MA.

Iyer, S., Hsu, H., & Fogel, A. (2009, November). *Effects of normal and perturbed social games on infant vocalizations*. Poster presented at American Speech and Hearing Association, New Orleans, LA.

Fogel, A. (2009, April). *Twenty years of dynamic systems theory*. Panel member of symposium presented at the Biennial Meetings of the Society for Research on Child Development. Denver, CO.

Jean, A., Girouard, N., Stack, D.M., & Fogel, A. (2006, March). *Le toucher maternel durant les interactions mères-nourrisson: L'influence de l'âge du nourrisson et du contexte social*. Communication presentee au 28e Congrès Annuel de la Société Québécoise de Recherche en Psychologie, Montreal, Quebec, Canada.

Fogel, A. & Lavelli, M. (2005, July). *The development of interactive smiling*. Paper presented at International Society for Research on Emotion. University of Bari, Italy.

Fogel, A. (2004, May). *The relational coding system: Theory and overview*. Paper presented at the International Society for Infant Studies (ICIS) Symposium, Chicago, IL.

de Koeyer, I. & Fogel, A. (2004, May). *Patterns of co-regulation and characteristics of child, mother and dyad*. Paper presented at the International Society for Infant Studies (ICIS) Symposium, Chicago, IL.

Jean, A., Stack, D., Girouard, N., & Fogel, A. (2004, May). *Maternal touching during interactions: Influence of infant age and social context*. Poster presented at the International Society for Infant Studies (ICIS), Chicago, IL.

Fricke, M., de Koeyer, I., & Fogel, A. (2004, April). *Development of infant self-agency: A case study of the mother-infant relationship between 6 and 10 months*. Poster presented at the Society for research in Human Development. Park City, Utah.

Harada, K., de Koeyer, I., & Fogel, A. (2004, April). *Mother-child relationship characteristics as predictors of child behavior problems*. Poster presented at the Society for Research in Human Development. Park City, Utah.

de Koeyer, I. & Fogel, A. (2002, April). *Development of the self between 7 and 10 months. Processes of Stability and Change in the First Year of Life*. Symposium. Toronto, Canada.

de Koeyer, I. & Fogel, A. (2002, April). *The pounding frame: A window on the development of infant's self-in-relation*. Poster presented at the International Conference on Infant

Studies (ICIS). Toronto, Canada.

Secrist, C., Hicks, A. & Fogel, A. (2002, August). *Infant emotional body movement patterns in peek-a-boo and tickle games*. Poster presented at the International Society for the Study of Behavioral Development (ISSBD). Ottawa, Canada.

de Koeyer, I. & Fogel, A. (2001, April). *Development of the dialogical self in infancy: A dialogue of pounding hands*. Poster presented at the Biennial Meetings of the Society for Research on Child Development. Minneapolis, Minnesota.

de Koeyer, I. & Fogel, A. (2001, June). *Emotions and the self in the second half of the first year*. Poster presented at the Amsterdam Feelings and Emotions Symposium. Amsterdam, The Netherlands.

Fogel, A., Hui-chin, H., & Shapiro, A. (2001, June). *Do different infant smiles reflect different positive emotions?* The Amsterdam Feelings and Emotions Symposium. Amsterdam, The Netherlands.

Fogel, A., (2001, June). *Body, self, and other: The development of the ecological self in the first year of life*. First International Conference on the Dialogical Self. University of Nijmegen, The Netherlands.

Fogel, A. (2000, July). *Cultural differences of mother-infant interaction between China and Japan: Mother's belief system and the infant behavior*. International Society for the Study of Behavioral Development. Beijing, China.

Brighi, A., Genta, M. L., & Fogel, A. (2000, July). *Attention and emotion during mother-infant-object play from 2 to 5 months*. Paper presented at the XII International Conference on Infant Studies, Brighton, England.

Camaioni, L., Aureli, T., Bellagamba, F., & Fogel, A. (2000, July). *The transition to symbolic communication in the second year of life: Developmental trends and individual paths*. Paper presented at the XII International Conference on Infant Studies. Brighton, England.

Dondi, M., Messinger, D., Colle, M., Beghi, A., Simion, F., & Fogel, A. (2000, July). *Neonates exhibit a type of smiling associated with positive emotion in adults*. Paper presented at the XII International Conference on Infant Studies, Brighton, England.

Lavelli, M., & Fogel, A. (2000, July). *Attention-related expressions during early mother-infant face-to-face communication*. Paper presented at the XII International Conference on Infant Studies, Brighton, England.

Messinger, D., Fogel, A., & Dickson, K. L. (2000, July). *Does infant attention to and away from mother's face during interaction reflect periods of sustained interest?* Paper presented at the XII International Conference on Infant Studies, Brighton, England.

Fogel, A. (2000, June). *Body, self, and other: The development of the ecological self in the first year of life*. First International Conference on the Dialogical Self. University of Nijmegen, The Netherlands.

Fogel, A. (1998, April). *Getting in touch with oneself: Narratives of infant self-reference in the first half year*. International Conference on Infant Studies, Atlanta, GA.

Hsu, H., Nwokah, E., & Fogel, A. (1998, April). *Characteristics of infant laughter during the first six months of life*. International Conference on Infant Studies, Atlanta, GA.

Hsu, H., Fogel, A., & Messinger, D. S. (1998, April). *Developmental changes in the configuration of infant communicative acts: vocalization, gazing, and smiling*. International Conference on Infant Studies, Atlanta, GA.

Lavelli, M. & Fogel, A. (1998, April). *Developmental changes in early mother-infant face-to-face communication*. International Conference on Infant Studies, Atlanta, GA.

Messinger, D. S., Fogel, A., & Dickson, K.L. (1998, April). *When infant gaze and mother smile: Competing agenda?* International Conference on Infant Studies, Atlanta, GA.

Messinger, D. S., Dondi, M., Nelson-Goens, G. C., Beghi, A., Fogel, A., & Simion, F. (1998, April). *Neonatal smiles*. International Conference on Infant Studies, Atlanta, GA.

Pantoja, A., Cranor, M. B., & Fogel, A. (1998, April). *Frame analysis of realtime and developmental time transitions in early mother-infant communication*. International Conference on Infant Studies, Atlanta, GA.

Fogel, A. (1997, September). *Mother-infant communication as a dynamic developing system*. Paper presented at 8th European Conference on Developmental Psychology, Rennes, France.

Fogel, A. (1997, July). *What is it like to be a baby?* Paper presented at 9th International Conference of perception and action, Toronto, Canada.

Fogel, A. (1997, June). *Meaning as movement*. Paper presented at Jean Piaget Society, Los Angeles, CA.

Fogel, A. (1997, April). *A dynamic systems perspective on early emotional communication*. Paper presented at Society for Research in Child Development, Washington DC.

Fogel, A. (1997, February). *Are emotions individual or relational?* Paper presented at conference on emotions and relationships, University of Utah, Salt Lake City.

Fogel, A. (1995, July). *Relational narratives of the prelinguistic self*. Paper presented at conference Understanding the Social World, University of Huddersfield, UK.

Fogel, A. (1995, July). *Relationships as dynamic systems*. Paper presented at International Society for the History, Philosophy, and Social Studies of Biology. Leuven, Belgium.

Fogel, A. (1995, July). *Affordances are relationships*. Paper presented at International conference on Perception and Action. Marseille, France.

Fogel, A. (1995, March). *The social ecology of smiling in the first year*. Paper presented at Society for Research in Child Development, Indianapolis, IN.

Fogel, A. (1994, July). *Posture and the development of early communication*. Paper presented at International Society for the Study of Behavioral Development, Amsterdam, The Netherlands.

Fogel, A. (1993, July). *The diffusion of innovations as a process of development in mother-infant dyads*. Paper presented at International Society for the Study of Behavioral Development, Recife, Brazil.

Holt, S. A., & Fogel, A. (1993, March). *Emotions as component processes of dynamic systems: A social process view*. Paper presented at Society for Research in Child Development, New Orleans.

Messinger, D., Fogel, A., & Dickson, L. (1993, March). *A social-contextual approach to the development of smiling*. Paper presented at Society for Research in Child Development, New Orleans.

Fogel, A. (1992, April). *The co-regulation of early mother-infant interaction*. Paper presented at International Conference on Infant Studies, Miami, FL.

Fogel, A., & West, L. (1991, July). *Early exploration in the social context*. Paper presented at International Society for the Study of Behavioral Development, Minneapolis.

Fogel, A. (1991, July). *Dynamic systems perspectives: Can they be applied to social interaction?* Paper presented at International Society for the Study of Behavioral Development, Minneapolis.

Fogel, A. (1990, August). *Early social interaction as a dynamic system*. Paper presented at Fourth European Congress of Developmental Psychology, Stirling, Scotland.

Fogel, A. (1990, April). *Postural factors in early communication*. Paper presented at International Conference of Infant Studies, Montreal, Canada.

Fogel, A. (1989, July). *Reaching, gazing and posture in mother-infant face-to-face communication*. Paper presented in symposium, Sensorimotor aspects of communicative development, International Society for the Study of Behavioral Development meetings, Jyväskylä, Finland.

Fogel, A. (1989, April). *Contextual parameters regulating social and non-social engagement in infancy: A dynamic systems perspective*. Paper presented in symposium, Perspectives on the role of context in development, Society for Research in Child Development meetings, Kansas City, MO.

Fogel, A. (1989, January). *Operationalizing dynamic systems principles in the study of developmental process*. Paper presented at Winter Conference of Developmental Psychobiology, Palmas del Mar, Puerto Rico.

Nwokah, E. & Fogel, A. (1988, September). *The role of laughter in communication during mother-infant games*. Paper presented at Developmental Psychology annual conference of the British Psychological Society, University of Exeter.

Nwokah, E. & Fogel, A. (1988, May). *Mother-infant speech play and vocal attunement*. Paper presented at Child Phonology Conference, University of Illinois.

Nwokah, E. & Fogel, A. (1988, April). *Laughter in motherese: A descriptive study of mothers' free-play speech to babies*. Paper presented at the 7th National Conference on Humor, Purdue University.

Reinecke, M. & Fogel, A. (1988, April). *Guided interaction and the development of referential communication: An analysis of infants' offering of an object*. Paper presented at International Conference on Infant Studies, Washington, DC.

Toda, S. & Fogel, A. (1988, April). *The development of coping behavior from 3 to 6 months of age*. Paper presented at International Conference on Infant Studies, Washington, DC.

Toda, S., Fogel, A. & Kawai, M. (1988, April). *How mothers talk to prelinguistic infants: A cross-cultural study in Japan and the US*. Paper presented at Conference on Human Development, Nashville, TN.

Fogel, A. (1987, October). *Dynamic systems in human development: The inhibition of attention to mother in early infancy*. Paper presented at Conference on Dynamic Patterns in Complex Systems, Ft. Lauderdale, FL.

Fogel, A. (1987, October). *Getting practical: How can we design non-reductionist studies of development?* Conversation hour presented at 22nd Annual Minnesota Symposium on Child Psychology (Systems and Development).

Fogel, A. (1987, July). *The development of early expressive and communicative action: A dynamic systems approach*. Symposium chair and speaker, International Society for the Study of Behavioral Development, Tokyo.

Toda, S., Fogel, A. & Kawai, M. (1987). *Mother-infant face-to-face interaction: Japan and the U.S.* Society for Research in Child Development, Baltimore.

Melson, G., Fogel, A. & Toda, S. (1987). *Babies and pets: Age and sex differences in children's expressions of nurturance*. Society for Research in Child Development, Baltimore.

Thelen, E. & Fogel, A. (1987). *A new technique for studying arm movements in infants*. Winter Conference for Developmental Psychobiology, Marathon, FL.

Fogel, A., Kawai, M., Karns, J. & Toda, S. (1986). *Manual actions of three-month-olds during face-to-face interaction: Evidence for early lateralization*. International Conference on Infant Studies, Los Angeles.

Fogel, A. (1985, July). *Conceptualizing the development of nurturance*. International Society for the Study of Behavioral Development, Tours, France.

Fogel, A. (1985, July). *The ontogeny of facial and manual expressive action*. International Society for the Study of Behavioral Development, Tours, France.

Melson, G., Fogel, A. & Mistry, J. (1984). *Young children's interest in unfamiliar infants*. International Conference on Infant Studies, New York.

Fogel, A., Hannan, T. & Platzman, K. (1983). *Ontogeny of manual expression in human infants: The first year*. Midwest regional meeting of Animal Behavior Society, St. Louis.

Platzman, K. & Fogel, A. (1983). *The development of pointing in the first year*. Society for Research in Child Development, Detroit.

Fogel, A., Melson, G. & Mistry, J. (1983). *Sex differences in nurturance: A matter of choice*. Society for Research in Child Development, Detroit.

Melson, G. & Fogel, A. (1982). *Young children's interest in unfamiliar infants*. Jean Piaget Society, Philadelphia.

Fogel, A. (1982). *Affect dynamics in early infancy: Affective tolerance*. International Conference on Infant Studies, Austin.

Langhorst, B. & Fogel, A. (1982). *Cross-validation of microanalytic approaches to quantifying maternal behavior in the context of face-to-face interaction*. International Conference on Infant Studies, Austin.

Fogel, A. (1981). *Face-to-face interaction with 2-month-olds: Mother vs. stranger*. Society for Research in Child Development, Boston.

Fogel, A. (1980). *Greeting behavior of 2-month-olds: Mother, familiar adult and stranger*. International Conference on Infant Studies, New Haven.

Fogel, A. (1979, June). *Functional continuity and behavioral heterochronicity in the first*

year of life: The case of human attachment. International Society for the Study of Behavioral Development, Lund, Sweden.

Fogel, A., Diamond, G., Langhorst, B. & Demos, V. (1979). *Alteration in infant behavior as a result of "still-face" perturbation of maternal behavior: Age and arousal factors.* Society for Research in Child Development, San Francisco.

Fogel, A. (1979). *Responses to maternal leave taking in one to three-month old infants.* Society for Research in Child Development, San Francisco.

Fogel, A. (1978, June). *Expressive movements in human infants.* Animal Behavior Society meetings, University of Washington, Seattle.

Fogel, A. (1978, March). *The effect of children on their parents.* Graduate Colloquium Series, Northern Illinois University.

Fogel, A. (1977, September). *Greeting behavior in one, two, and three-month old infants.* Paper presented at the annual meeting of the International Society for the Study of Behavioral Development, Pavia, Italy.

Fogel, A. (1977, June). *Infant-infant and infant-mother greetings: 1, 2, and 3 month-olds.* Animal Behavior Society meetings, University Park, Pennsylvania.

Fogel, A. (1975, April). *Mother-infant reciprocity.* Symposium participant, annual meeting of the Society for Research in Child Development, Denver.

Fogel, A. (1975, April). *Developmental processes in mother-infant gazing behavior.* Paper presented at the annual meeting of the Society for Research in Child Development, Denver.

Doctoral Dissertations Chaired or Co-chaired:

Pantoja, A. (2000, May). *Emotional development from a relational-historical approach: The story of one mother-infant dyad.* University of Utah.

Lavelli, M. (1998, December). *Visual attention and expressive configurations of infants during communication with mother: The two-month transition.* University of Milan, Italy.

Dickson, K. L. (1994, August). *The parent-infant communication system: Infant smiles in relation to play type and gaze direction.* University of Utah.

Messinger, D. (1994, June). *Development of infant smiling: a dynamic systems approach.* University of Utah.

Walker, H. (1994, June). *Parent-infant dyads: similarities and differences in patterns of*

interactions. University of Utah.

Dedo, J. Y. (1991, June). *Smiling during later infancy: Relationships among facial expressions, contexts, and other communicative behaviors*, Purdue University.

Karns, J. (1989, August). *Mother-twin interaction in early infancy*, Purdue University.

Toda, S. (1987, August). *Stress, coping and development in the first six months of life*, Purdue University.

Reinecke, M. (1987, May). *The development of referential communication in infancy: An analysis of "point," "grasp," and "show"*, Purdue University.

Smitherman, C. (1984, July). *Sensory primacy in the young infant's auditory and visual discrimination of the mother and other social and non-social objects*, Purdue University.

Kienapple, K. (1983, July). *The development of conceptual knowledge in 7- to 10-month old infants*, Purdue University.

Platzman, K. (1983, June). *The ontogeny of pointing in the first 10 months of life: A case study analysis*, University of Chicago.

Huff, J.R. (1981, December). *Patterns of Heart Rate Activity and Emotionality in Family Systems*, Purdue University.

Hannan, T.E. (1981, May). *Infant "Pointing" Behavior in the First Three Months of Life*, Purdue University.

Langhorst, B. (1981, May). *Maternal Accommodation: A quantitative look at a qualitative phenomenon*, Purdue University.

Dyar, D. (1980, December). *Rank Order, Social Attention Structure, and Direction of Visual Attention in Preschoolers*, Purdue University.