

CURRICULUM VITAE
NATHAN A. FOX

I have read the following and certify that this curriculum vitae is a current and accurate statement of my professional record.

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Date of Birth: April 20, 1948
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Academic Background

Ph.D. Psychology and Social Relations, Harvard University,
Cambridge, Massachusetts, 1975.
A.B. With Honors in Political Science, Williams College,
Williamstown, Massachusetts, 1970.

Additional formal training:

1976-77 Postdoctoral Fellow in Cross-Cultural Child Development, Harvard University.

Professional Work Experience:

2002- Sackler Professor by special appointment, Department of Psychology, Tel Aviv University, Tel Aviv, Israel.
1989- Professor, Institute for Child Study/Department of Human Development, University of Maryland, College Park.
1989- Adjunct Professor, Department of Psychology, University of Maryland, College Park.
1986-90 Associate Professor, School of Nursing, University of Maryland, at Baltimore.
1986-89 Associate Professor, Institute for Child Study/Department of Human Development, University of Maryland, College Park.
1982-86 Assistant Professor, Institute for Child Study/Department of Human Development, University of Maryland.
1981-82 Visiting Lecturer in Psychology, New School for Social Research.
1978-83 Adjunct Assistant Professor of Psychology, Department of Psychology, New York University.

1978-82 Assistant Professor, Clinical Pediatric Psychology, College of Physicians and Surgeons, Columbia University.

Research, Scholarly, and Creative Activities

Books edited:

Fox, N.A. & Davidson, R.J. (Eds.). (1984). The Psychobiology of Affective Development. Erlbaum Press, Hillsdale, N.J.

Field, T. & Fox, N.A. (Eds.). (1985). Social Perception in Infants. Ablex Press, Norwood, N.J.

Fox, N.A. & Fein, G. (Eds.). (1990). Infant Day Care. Ablex Publishers, Norwood, N.J.

Leavitt, L.A. & Fox, N.A. (Eds.). (1993). The Psychological Effects of War and Violence on Children. Erlbaum Press, Hillsdale, N.J.

Marshall, P.J. & Fox, N.A. (Eds.) (2005). The Development of Social Engagement. New York: Oxford University Press.

Chapters in books:

Kennedy, J. & Fox, N.A. (1977). Pictures to see and pictures to touch. In D. Perkins and B. Leonard (Eds.), The Arts and Cognition. Johns Hopkins University Press, Baltimore, MD. (pp. 118-135).

Fox, N.A. (1980). Assessment of the mother-infant interaction: A research design for clinical evaluation and intervention. In S. Harel (Ed.), Infants at Risk. Excerpta Medica, The Netherlands. (pp. 80-84).

Fox, N.A. & Lewis, M. (1980). Maturation and experience in preterm development. In J. Gallagher (Ed.), New Directions for Exceptional Children. Jossey-Bass, San Francisco, CA. (pp. 37-50).

Lewis, M. & Fox, N.A. (1980). Predicting cognitive development from assessments in infancy. In B. Camp (Ed.), Advances in Behavioral Pediatrics. Vol. I. JAI Press, New Haven, Conn. (pp.53-68).

Fox, N.A. & Davidson, R.J. (1984). Hemispheric substrates of affect: A developmental model. In N.A. Fox & R.J. Davidson (Eds.), The Psychobiology of Affective Development. Erlbaum Press, Hillsdale, N.J. (pp. 353-382).

Fox, N.A. (1985). Behavioral and autonomic antecedents of attachment in high risk infants. In M. Reite & T. Field (Eds.), The Psychobiology of Attachment. Academic Press, New York, N.Y. (pp. 389-414).

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- Lewis, M. & Fox, N.A. (1986). Infant assessment: Challenges for the future. In M. Lewis (Ed.), Prenatal and Perinatal Factors Relevant to Learning Disability. University of Illinois Press, Champaign, IL. (pp. 307-332).
- Porges, S.W. & Fox, N.A. (1986). Developmental psychophysiology. In M.G.H. Coles, E. Donchin & S.W. Porges (Eds.), Psychophysiology: Systems, Processes, & Applications. Guilford Press, New York, NY. (pp. 611-625).
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- Davidson, R.J. & Fox, N.A. (1988). Cerebral asymmetry and emotion: Developmental and individual differences. In S. Segalowitz & D. Molfese (Eds.), Developmental Implications of Brain Lateralization. New York: Guilford Press. (pp. 191-206).
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- Fox, N.A. (1989). Heart rate variability and behavioral reactivity: Individual differences in autonomic patterning and their relation to infant and child temperament. In J.S. Reznick (Ed.), Perspectives on Behavioral Inhibition. Chicago, IL: University of Chicago Press. (pp. 177-196).
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- Hane, A. A., & Fox, N. A. (in press). A Closer Look at the Transactional Nature of Early Social Development: The Relations among Early Caregiving Environments, Temperament, and Early Social Development and the Case for Phenotypic Plasticity. Chapter to appear in F. Santoianni & C. Sabatano (Eds.), Brain Development in Learning Environments: Embodied and Perceptual Advancements.
- Henderson, H. A., & Fox, N. A. (in press). Considerations in studying emotion in infants and children. Chapter to appear in J. Coan & J.J.B. Allen (Eds.), The Handbook of Emotion Elicitation and Assessment, Oxford University Press.

Articles in refereed journals:

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- Fox, N.A. (1977). Attachment of Israeli Kibbutz infants to mother and metapelet. Child Development, 48, 4, 1228-1239.

- Fox, N.A., Kagan, J., & Weiskopf, S. (1979). The development of memory in the first year of life. Genetic Psychology Monographs, 99, 91-130.
- Rogoff, B., Newcombe, N., Fox, N.A., & Ellis, S. (1980). Transitions in children's roles and capabilities. International Journal of Psychology, 15, 181-200.
- Davidson, R.J., & Fox, N.A. (1982). Asymmetrical brain activity discriminates between positive versus negative affect in human infants. Science, 218, 1235-1237.
- Fox, N.A., & Lewis, M. (1982). Motor asymmetries in preterm infants: Effects of prematurity and illness. Developmental Psychobiology, 15, (1), 19-23.
- Fox, N.A., & Lewis, M. (1982). Prematurity, illness, and experience as factors in preterm development. Journal of the Division of Early Childhood, 6, 60-72.
- Fox, N.A. (1983). Maturation of autonomic control in preterm infants. Developmental Psychobiology, 16, (6), 495-504.
- Fox, N.A., & Lewis, M. (1983). Cardiac response to speech sounds in preterm infants: Effects of postnatal illness at three months. Psychophysiology, 20, 481-488.
- Greene, J.G., Fox, N.A., & Lewis, M. (1983). The relationship between neonatal characteristics and three-month mother-infant interaction in high risk infants. Child Development, 54, 1286-1296.
- Fox, N.A., & Gelles, M. (1984). Face to face interaction in term and preterm infants. Infant Mental Health Journal, 5, (4), 192-205.
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- Fox, N.A., & Porges, S.W. (1985). The relationship between neonatal heart period patterns and developmental outcome. Child Development, 56, 28-37.
- Fox, N.A. & Davidson, R.J. (1986). Taste elicited changes in facial signs of emotion and the asymmetry of brain electrical activity in human newborns. Neuropsychologia, 24, 417-422.
- Feiring, C., Fox, N.A., Jaskir, J., & Lewis, M. (1987). The relation of social support to mother-infant interaction in a high-risk sample. Developmental Psychology, 23, 400-405.
- Fox, N.A. & Davidson, R.J. (1987). EEG asymmetry in ten month old infants in response to approach of a stranger and maternal separation. Developmental Psychology, 23, 233-240.
- Stifter, C.A. & Fox, N.A. (1987). Preschool children's ability to accurately identify emotions. Journal of Non-Verbal Behavior, 11, 34-45.
- Fein, G. & Fox, N.A. (1988). Infant day care: What are the issues? Education Research Quarterly.
- Fox, N.A. & Davidson, R.J. (1988). Pattern of brain electrical activity during the expression of discrete emotions in ten month old infants. Developmental Psychology, 24, 230-236.

- Fox, N.A. (1989). The psychophysiological correlates of emotional reactivity during the first year of life. Developmental Psychology, 25, 364-372.
- Fox, N.A. (1989). Face recognition needs affect. European Bulletin of Cognitive Psychology, 9, 363-367.
- Davidson, R.J. and Fox, N.A. (1989). Frontal brain asymmetry predicts infants' responses to maternal separation. Journal of Abnormal Psychology, 98, 127-131.
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- Forbes, E. E., Fox, N. A., Cohn, J. F., Galles, S.F., & Kovacs, M. (in press). Children’s Affect Regulation during a Disappointment: Psychophysiological Responses and Relation to Parent History of Depression. Biological Psychology.
- Martin, J.N., Perez-Edgar, K., & Fox, N.A. (in press). Variations of the flanker paradigm: Assessing selective attention in young children. Behavior Research Methods.
- Perez-Edgar, K, Fox, N.A., Cohn, J.F., & Kovacs, M. (in press). Behavioral and electrophysiological markers of selective attention in children of parents with a history of depression. Biological Psychiatry.

Contracts & Grants:

- National Institute of Mental Health: Neural substrates of preschool psychopathology, 1R21MH0704780-01A1, PI – B. Leventhal, 7/06-6/09.
- National Institute of Child and Human Development MERIT award: Affect and cerebral asymmetry: A developmental approach. 4R37HD017899-21, PI – N. Fox, 9/06-8/11.
- McDonnell Foundation: Evaluation of face processing with psychophysiological and EEG indices of negative affect, PR 25003, PI – Nelson, 6/05-5/07.

National Institute of Mental Health: Early temperament and social behavior in adolescence, 1R01 MH074454-01A2, PI – N. Fox, 2/05-1/08.

National Institute of Mental Health: Psychophysiology of risk for depression and anxiety, 1P01 MH56193-01, PI – M. Kovacs, 9/97-8/07.

National Institute of Mental Health: Early Experience, stress neurobiology and prevention, 1R21MH65046-01, PI – M. Gunnar, 7/01-6/06.

American Hearing Research Foundation: Social and emotional functioning of children with cochlear implants, PI – Fox, 1/03-12/04.

McDonnell Foundation: Exploring the neurosubstrates of EEG asymmetry, PI – Fox, 6/02-5/03.

National Institutes of Health: Affect and cerebral asymmetry: A developmental approach, R01 HD17899, PI – Fox, 9/01-8/06

John D. and Catherine T. MacArthur Foundation. EEG asymmetry and amygdala activation: A primate study, PR 20012, PI – Amaral, 9/00-8/03.

National Science Foundation: Temperamental contributions to the development of social behavior, PI – Fox, 9/96-8/00.

National Institute of Mental Health: At-risk irritable infants, PI – J. Cassidy, 9/99-8/04..

National Institutes of Health. Affect and cerebral asymmetry: A developmental approach, R01HD017899, PI – Fox, 9/96-8/01.

Metropolitan Life Foundation. Washington, D.C. Preschool Project on Reduction of Violence. PI – Fox, 1/95-12/97.

Department of Education: Linkages to Learning: A school based program for the delivery of human services to elementary school students and their families, PI – Fox, 9/95-8/99.

March of Dimes Birth Defects Foundation. Neuropsych assessment of "Bayley Normal" high risk infants. Co-PI, 4/95-3/97.

National Institutes of Health. EEG asymmetry and social behavior in 4-year-old children, PI – Fox, 9/94-8/98.

National Institutes of Health. Infant cognitive and EEG development: Basic processes, PI – Fox, 7/94-6/97.

John D. and Catherine T. MacArthur Foundation. Psychophysiological assessment of four-month-old infants selected for motor arousal and affective responsivity, PI – Fox, 06/92-05/93.

John D. and Catherine T. MacArthur Foundation. Proposal to develop and test the Startle Probe Methodology with infants and children. PI- Fox, 1/92-12/93

National Institutes of Health. Affect and Cerebral Asymmetry: A developmental approach, R01HD017899, PI – Fox, 7/91-6/95

National Institutes of Health. Infant cognitive and EEG development: Basic processes, PI – Fox, 7/91-6/94.

John D. and Catherine T. MacArthur Foundation. Conference on the Effects of War and Violence on Children, PI – Fox, 5/1/91.

National Institute of Mental Health. Conference on the Effects of War and Violence on Children, PI – Fox, 5/1/91.

John T. and Catherine D. MacArthur Foundation. Frontal brain asymmetry, behavioral inhibition, and peer competence in four-and-a-half-year-old children, PI – Fox, 9/90-8/91.

John T. and Catherine D. MacArthur Foundation. Emotion Regulation Conference. Washington, D.C., 3/91.

John T. and Catherine D. MacArthur Foundation. Psychophysiological correlates of motor arousal and irritability in infants, PI – Fox, 5/89-4/91.

March of Dimes Birth Defects Foundation. Behavioral and physiological dimensions of reactivity in preterm infants, PI – Fox, 3/89-2/91.

National Institutes of Health. Affect and Cerebral Asymmetry: A developmental approach, R01HD17899, PI – Fox, 6/87-5/91

National Institutes of Health. Manifestations of stress in preterm infants, PI – Fox, 9/87-8/90.

March of Dimes Birth Defects Foundation. Vagal tone and developmental outcome in high risk infants, PI – Fox, 3/87-2/89

National Institutes of Health. Affect and cerebral asymmetry: A developmental approach, R01HD17899, PI – Fox, 4/85-3/87.

National Foundation March of Dimes. Vagal tone and developmental outcome in high risk infants. 3/85-2/87.

National Science Foundation. Hemispheric asymmetry and the development of discrete emotions, PI – Fox, 2/84-6/86.

National Institute of Mental Health. Facial expressions of happiness and sadness in infants, PI – Fox, 9/83-8/84

The Foundation for Child Development. Affective responsivity and hemispheric asymmetry in 10 month old infants, PI – Fox, 9/82-8/83.

Fellowships, Prizes and Awards:

Distinguished Scholar Teacher Award, University of Maryland, 2005.

Keynote speaker for NICHD Scientific Retreat, 2005.

2002-04 President Division 7, American Psychological Association

NIH/NICHD MERIT Award for outstanding research, 2001.

Member, MacArthur Network: Early Experience and Brain Development, 1999-2006

Lady Davis Fellow, Department of Psychology, Hebrew University, Jerusalem, Israel, 1996.

Graduate Research Board Award - Semester Award. University of Maryland Graduate School.
Fall 1992.

1988-90 President, International Society for Infant Studies.

Member, MacArthur Network for the study of transition from infancy to early childhood:
Working group on the study of temperament, 1987-92.

Graduate Research Board Award - Semester Award. University of Maryland Graduate School.
Fall 1986.

FILUM/Computer Science Center Award for development of a microcomputer system for
teaching psychophysiology. Two microcomputers and software awarded. 1985.

Graduate Research Board Award. University of Maryland Graduate School. Spring 1984.

Computer Science Center Award, University of Maryland Competition for Project on Micro-
Computer Uses in Education. Project FILUM. Project entitled "Development of a
Computerized Polygraph System for Lab Instruction", 1984.

Division of Human and Community Resources Small Grant Award. University of Maryland.
1983-84.

Associate, Center for Educational Research and Development, College of Education, University
of Maryland, 1983-84.

Graduate Research Board Award. University of Maryland Graduate School. Summer 1983.

Division of Human and Community Resources Small Grant Award, University of Maryland.
1982-83.

Young Scholar in Affective Development Award, Foundation for Child Development, 1982-83.

St. Luke's-Roosevelt Institute for Health Sciences Award. 1981.

NIH Postdoctoral Fellowship, Cross-Cultural Child Development, Harvard University, 1976-77.

NIMH Pre-doctoral Training Grant for dissertation research. Nine months field work on Israeli
kibbutz, 1974-75.

*Editorships, Editorial Boards, and Reviewing Activities for Journals and Other Learned
Publications:*

2006 - Editorial Advisory Board, Journal of Child Psychology and Psychiatry

- 1997-99 Editor, Infant Behavior and Development
- 1992-98 Associate Editor, Developmental Psychology
- 1990-93 Editorial Board: Journal of Applied Developmental Psychology Child Development
- 1987-90 Associate Editor, Psychophysiology

Teaching, Mentoring and Advising:

Courses taught in the last five years:

Fall 2001 EDHD 411, EDHD 779E
Spring 2002 EDHD 775, EDHD 884

Fall 2002 EDHD 411, EDHD 779E
Spring 2003 EDHD 775, EDHD 884

Fall 2003, EDHD 411 EDHD 779E
Spring 2004 EDHD775, EDHD 884

Fall 2004, EDHD 411, EDHD 779E
Spring 2005 EDHD 775, EDHD 884

Fall 2005 EDHD 411, EDHD 779E
Spring, 2006 –Sabbatical

Fall 2006 EDHD 775, EDHD 601, EDHD 779E

EDHD 411 - Child Growth and Development
EDHD 779E - Developmental Psychophysiology Laboratory
EDHD 884 - Laboratory in Emotional Development
EDHD 775 - Psychophysiological Processes
EDHD 601 - Biological Bases of Behavior

Teaching Awards:

1987 Distinguished Visiting Scholar, Department of Psychology, University of Utah.

Advising -

Roosevelt High School Senior Project Students
Elizabeth Reed
Kathy Farida Bhuiya

Undergraduate Honors Theses Completed

Marina Nikhinson
Juliette Anderson
Christyn Jackson
Elizabeth Malesa
Alison Schlenger
Laura Driscoll
Danielle Delvecchio

Current Undergraduate Honors Theses Students

Jordan Osher

Current Graduate Students (and Fellowship Funding)

Melissa Ghera

Jennifer Martin--NRSA

Michael Hardin---NIMH---IRTA

Khalissa Herman---NIMH---IRTA

Lauren White---NICHD training grant

Sarah Helfenstein---NACS fellowship

Current Post-Doctoral Fellows

Kate Degan

Shannon Ross-Sheehy

Bethany Reeb

Lela Rankin

Jae Bodas

Former Graduate Students and their current positions

Cynthia Stifter Professor, Penn State University

Brian Healy Professor, Ithaca College

Martha Ann Bell Associate Professor, Virginia Tech

Louis Schmidt Associate Professor, McMaster University

Ariana Shahinfar Assistant Professor, University of North Carolina, Charlotte

Patricia Garrett-Peters Research Fellow, University of North Carolina Chapel Hill

Heather Henderson Assistant Professor, University of Miami

Michael Crowley Fellow, Yale Child Study Center

Efrat Schorr Post Doctoral Fellow, Bar Ilan University

Former Post Doctoral Fellows and their current positions

Susan Calkins Professor University of North Carolina, Greensboro

Timothy Marshall Associate Professor, Christopher Newport University

Yair Bar-Haim Associate Professor, Tel-Aviv University

Peter Marshall Assistant Professor, Temple University

Koraly Perez-Edgar Assistant Professor, George Mason University

Amie Ashley Hane Assistant Professor, Williams College

Service:

Professional –

2006- Advisory Board, Johnson & Johnson Pediatric Institute Executive Committee & Chair of the Publication Committee, International Society for Infant Studies.

2005- Executive Board, International Society for Infant Studies

- 2005-- Chair, Publications Committee, International Society for Infant Studies
- 2004 - Executive Board, Mental Health Conference Network on Comparative Studies
- 2003 - Member, National Scientific Council on the Developing Child
- 2003- Member, Biobehavioral and Behavior Sciences Subcommittee, NICHD
- 2002 - Advisory Board, Merrill Palmer Institute
- 2002-04 President Division 7, American Psychological Association
- 2001 - Advisory Board, Carolina Consortium for Developmental Science.
- 1999- Member, NIMH Network: Early Experience, Stress Neurobiology and Prevention
- 1992- Board of Directors, Infant Mental Health Organization.
- 1992-93 Member, National Institute of Mental Health, Emotion and Personality Review Committee
- 1991-92 Member, National Task Force on Applied Developmental Science.
- 1983-89 Childbirth Education Association, Board of Advisors.
- 1988-90 President, International Society for Infant Studies.
- 1988 Invited Reviewer: National Institute of Child Health and Development: Human Development Study Section 3.
- 1988 Special Review Panel, National Institute of Mental Health: Special Study Section on Training Programs in Emotion.
- 1987-88 Program Chair, International Conference on Infant Studies, Washington, D.C., 1988.
- 1986 Invited Reviewer: National Institute of Child Health and Development: Mental Retardation and Prevention: Site visitor to Waisman Center, University of Wisconsin, Madison and to Kennedy Center, Albert Einstein College of Medicine.
- 1986-88 Member, International Advisory Committee, First International Conference on Individual Differences in Behavior and Brain Functioning, Israel.
- 1985-89 Member: National Institute of Mental Health Review Panel, Small Grants Program, Biological and Neuroscience Subcommittee.
- 1985 Invited Reviewer, National Institute of Child Health and Development, Special Panel on Adolescent Pregnancy.
- 1984- Member, International Society for Research on Emotion.
- 1984-86 Program Chair, Division 7, American Psychological Association, Washington, D.C.

- 1984-85 Ad Hoc Reviewer: National Institute of Mental Health Review Panel, Small Grants Program.
- 1982-86 U.S. Consumer Product Safety Commission. Work on safety of infant and child toys and furniture.
- 1978- Member, Society for Psychophysiological Research.
- 1975- Member, Society for Research in Child Development.
- Campus –
- 2004-05 Chair – Graduate Research Council, UMCP
- 2001-04 Member – Graduate Research Council, UMCP
- 2000-03 IRB Review Committee, UMCP
- 1999-00 Faculty Advisory Committee – Biosciences Initiative