

BIOGRAPHICAL SKETCH

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NAME Karlen Lyons-Ruth	POSITION TITLE Associate Professor		
eRA COMMONS USER NAME LYONS-RUTH KARLEN			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Duke University	B.A.	1967	Psychology
Harvard University	Ph.D.	1974	Developmental Psychology
Boston University School of Medicine	Post-doc.	1976	NICHD Post-doc.

A. Positions and Honors.

Positions and Employment

1977-1989 Instructor in Psychiatry Harvard Medical School Department of Psychiatry
1989-1993 Assistant Professor in Psychiatry, Harvard Medical School Department of Psychiatry
1994-Present Associate Professor in Psychiatry, Harvard Medical School Department of Psychiatry

Honors

1966, 1967 Phi Beta Kappa, Duke University
1967 Summa Cum Laude, General Motors Scholar, Duke University
1968 Graduate Prize Fellowship, Harvard University
1969-1974 National Institute of Mental Health Predoctoral Fellowships, Harvard University, Cambridge, MA
1974-1976 National Institute of Child Health and Human Development Postdoctoral Fellowship, Department of Child Psychiatry, Boston University School of Medicine
1981-1985 National Institute of Child Health and Human Development New Investigator Award, Harvard Medical School
1988 Hermon Dunlap Smith Fellowship, Mary Ingraham Bunting Institute, Radcliffe College
1998- Fellow, American Psychological Association

B. Selected peer-reviewed publications (in chronological order).

1. Lyons-Ruth K, Connell D, Zoll D, Stahl J. Infants at social risk: Relationships among infant maltreatment, maternal behavior, and infant attachment behavior. *Developmental Psychology*. 1987;23:223-232.
2. Lyons-Ruth K, Connell D, Grunebaum H. Family deviance and family disruption in childhood: Associations with maternal behavior and infant maltreatment during the first two years of life. *Development and Psychopathology*. 1989;1:219-236.
3. Lyons-Ruth K, Repacholi B, McLeod S, Silva E. Disorganized attachment behavior in infancy: Short-term stability, maternal and infant correlates and risk-related subtypes. *Development and Psychopathology*. 1991;3:377-396.
4. Lyons-Ruth K, Alpern L, Repacholi B. Disorganized infant attachment classification and maternal psychosocial problems as predictors of hostile-aggressive behavior in the preschool classroom. *Child Development*. 1993;64:572-585.
5. Alpern L, Lyons-Ruth K. Preschool children at social risk: Chronicity and timing of maternal depressive symptoms and child behavior problems at school and at home. *Development and Psychopathology*. 1993;5:369-385.
6. Lyons-Ruth, K. Broadening our conceptual frameworks: Can we reintroduce relational strategies and implicit representational systems to the study of psychopathology? Special section on Parental depression and distress: Implications for the development of offspring. *Developmental Psychology*. 1995;31:432-436.

7. Lyons-Ruth, K. Attachment relationships among children with aggressive behavior problems: The role of disorganized early attachment patterns. *Journal of Consulting and Clinical Psychology*. 1996;64:64-73.
8. Lyons-Ruth, K., Block D. The disturbed caregiving system: Relations among childhood trauma, maternal caregiving, and infant affect and attachment. *Infant Mental Health Journal*. 1996;17:157-275.
9. Lyons-Ruth, K., Easterbrooks, M., Cibelli, C. Disorganized attachment strategies and mental lag in infancy: Prediction of externalizing problems at age seven. *Developmental Psychology*. 1997;33:681-692.
10. Lyons-Ruth, K., Bronfman, E. & Parsons, E. Frightened, frightening, and atypical maternal behavior and disorganized infant attachment strategies. In J. Vondra and D. Barnett (Eds.) *Atypical Patterns of Infant Attachment: Theory, Research, and Current Directions*. Monographs of the Society for Research in Child Development, 64 (3 Serial No. 258); 1999.
11. Lyons-Ruth, K., Lyubchik, A., & DiLallo, J. The impact of early home-visiting services on behavior problems and social competence in kindergarten: A three and a half year followup. Congress Abstracts, 7th World Conference of the World Association for Infant Mental Health, *Infant Mental Health Journal*. 2000;21(4-5):292.
12. Easterbrooks, M.A, Biesecker, G, Lyons-Ruth,K. Infancy predictors of emotional availability in middle childhood: The roles of attachment security and maternal depressive symptomatology. *Attachment and Human Development*. 2000;2:170-187.
13. Lyons-Ruth, K., Wolfe,R., Lyubchik, A. Depression and the parenting of young children: Making the case for early preventive mental health services. *Harvard Rev Psychiatry*. 2000;8:148-153.
14. Lyons-Ruth, K. The two-person construction of defenses: Disorganized attachment strategies, unintegrated mental states, and hostile-helpless relational processes. *Journal of Infant, Child, and Adolescent Psychotherapy*. 2003;2:105-114.
15. Lyons-Ruth, K. Dissociation and the Parent- Infant Dialogue: A longitudinal perspective from attachment research. *Journal of the American Psychoanalytic Association*. 2003;51:883-911.
16. Lyons-Ruth K, Yellin C, Melnick S, Atwood G. Childhood experiences of trauma and loss have different relations to maternal unresolved and hostile-helpless states of mind on the AAI. *Attachment and Human Development*. 2003;5:330-52.
17. Lyons-Ruth, K., Spielman, E. Disorganized infant attachment strategies and helpless-fearful profiles of parenting: Integrating attachment research with clinical intervention. *Infant Mental Health Journal*. 2004;12:94-104.
18. Agrawal, H.R., Gunderson, J., Holmes, B.M., Lyons-Ruth, K. Attachment studies with borderline patients: A review. *Harvard Review of Psychiatry*. 2004;12:94-104.
19. Lyons-Ruth, K., Melnick, S. Dose-response effect of mother-infant clinical home-visiting on aggressive behavior problems in kindergarten. *Journal of the American Academy of Child and Adolescent Psychiatry*. 2004;43(6):699-707.
20. David, D., Lyons-Ruth, K. Differential attachment responses of male and female infants to frightening maternal behavior: Tend or befriend vs fight or flight? *Infant Mental Health Journal*. 2005;26:1-18.
21. Lyons-Ruth, K., Yellin, C., Melnick, S. Expanding the concept of unresolved mental states: Hostile/Helpless states of mind on the Adult Attachment Interview are associated with disrupted mother-infant communication and infant disorganization. *Development and Psychopathology*. 2005;17:1-23.
22. Holmes, B.M., Lyons-Ruth, K. The Relationship Questionnaire-Clinical Version (RQ-CV): Introducing a profoundly-distrustful attachment style. *Infant Mental Health Journal*. 2006;27:310-325.
23. Melnick S, Lyons-Ruth, K., Hobson P, Patrick M. A controlled study of hostile-helpless states of mind among borderline and dysthymic women. *Attachment and Human Development*, in press.
24. Lyons-Ruth, K., Holmes, B.M., Sasvari-Szekely, M., Ronai, Z., Nemoda, Z., & Pauls, D. Serotonin transporter polymorphism and borderline/antisocial traits among low-income young adults. *Psychiatric Genetics*, in press.

C. Research Support (ONGOING OR COMPLETED DURING THE LAST 3 YEARS).

R01 MH062030 Lyons-Ruth (PI) 2001-2005
 NIH
 Psychopathology and Controlling Behavior in Adolescence

The three major aims of the study are as follows: 1). To develop and validate a coding protocol for identifying controlling-punitive, controlling-caregiving, and other insecure-disorganized behavior in adolescence. 2). To assess the degree to which adolescent disorganized/controlling attachment strategies are associated with adolescent psychiatric morbidity. 3). to assess whether overall relational risk in infancy is an important antecedent of disorganized/controlling attachment strategies in adolescence, with other variables controlled.
Role: PI

R03 TW06014 Lyons-Ruth (PI) 2003-2006
NIH

Genetic and Caregiving Effects on Disordered Attachment

The three major aims for this collaborative study are as follows: 1). To assess whether polymorphisms of the dopamine D4 receptor (DRD4) and serotonin transporter (5-HTT) candidate genes constitute genetic risks for disorganized attachment strategies in infancy or for aspects of psychopathology in childhood and adolescence. 2). To assess whether maternal atypical caregiving behaviors are associated with maternal genotypes of the above-mentioned candidate genes. 3). To assess whether an additive or interactive statistical model best represents the interplay of genetic diathesis and maternal caregiving behavior in the prediction of disorganized attachment in infancy, once both maternal and offspring genetic contributions are accounted for, pooling data from the collaborating labs.

Role: PI

R01 MH59670 Kobak (PI) 2001-2006
NIMH

Attachment and Risk in Early Adolescence

This study is investigating three hypotheses: 1). Maternal non-autonomous and Unresolved status on the Adult Attachment Interview increases maternal vulnerability to dysregulated HPA axis responses to stress. 2). Maternal stress reactivity increases risk to adolescent children of substance abuse and psychopathology. 3). Maternal attachment effects on adolescent adaptation will be mediated by quality of parent-child interaction, family instability, and family conflict and cohesion.

Role: Co-Investigator

Borderline Personality Disorder Research Foundation Lyons-Ruth (PI) 2004-2005

Attachment and Genetic Risk among Borderline Adolescents

The specific aim of this study is to assess genetic vulnerability, stress reactivity, and family interaction patterns among a small series of families with an adolescent in treatment for borderline personality disorder, to refine the protocol and establish the feasibility of a larger study.
