

Emma K. Adam, Associate Professor

**School of Education and Social Policy
Program in Human Development and Social Policy
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Professional Positions:

Associate Professor of Human Development and Social Policy, School of Education and Social Policy, and Adjunct Associate Professor of Psychology, Northwestern University, *09/07 – present.*

Faculty Fellow, Institute for Policy Research (IPR), Northwestern University, *09/04-present.*

Executive Board Member, Cells to Society: Center on Social Disparities and Health at the Institute for Policy Research, *9/04-Present.*

Assistant Professor of Human Development and Social Policy, School of Education and Social Policy, Northwestern University, *09/00 – 09/07.*

Assistant Professor of Psychology, Northwestern University, *01 /02 – 09/07.*

Faculty Associate, Institute for Policy Research (IPR), Northwestern University, *9/00-9/04.*

Faculty Affiliate, Sloan Center on Parents, Children and Work, University of Chicago, *9/00 – Present.*

Post-doctoral Fellow, Sloan Center on Parents, Children and Work, University of Chicago, *9/98 – 9/00.*

Education:

Ph.D. Child Psychology, Nov. 1998. Institute of Child Development, University of Minnesota. Megan Gunnar, advisor.

M.A. Public Policy, June 1998. Irving B. Harris Graduate School of Public Policy Studies, University of Chicago.

M.A. Applied Developmental Psychology, Nov. 1992. University of Toronto.

B.Sc. Psychology, June 1990. University of Toronto.

Awards/Honors:

2008	Northwestern University Associated Student Government Faculty Honor Roll
2005	Invited to be Fellow at the Center for Advanced Study in the Behavioral Sciences, Stanford (declined)
2004-2009	William T. Grant Scholars Award
2003-2004	National Academy of Education/Spencer Foundation Post-doctoral Fellowship
1998-2000	Social Sciences and Humanities Research Council of Canada Post-doctoral Fellowship Alfred P. Sloan Foundation Post-doctoral Fellowship
1997	Irving B. Harris Fellowship in Child Policy, University of Chicago Ruth Eckert Scholarship, University of Minnesota
1996-1997	Putting Children First Fellowship in Child and Family Policy Doctoral Fellowship, University of Minnesota Dissertation Special Funds Grant, University of Minnesota

Student Community Service Award, University of Minnesota
Education Alumni Society Scholarship, University of Minnesota
1992-1996 SSHRC Doctoral Fellowship
1991-1992 Ontario Graduate Scholarship
1990 S. H. Janes Silver Medal in Psychology
Ethel Treble and F. Louis Barber Traveling Scholarship
1989 Joseph Wesley MacCallum Scholarship

Research Interests:

- Factors predicting emotion and physiological stress in young children, adolescents and adults in the context of their everyday lives including home, work and school contexts; especially the role of interpersonal relationships as stressors and buffers of stress.
- Short-term effects of physiological stress for current cognition and performance and cumulative effects of physiological stress on the development of emotional and physical health disorders.
- Social influences on sleep timing and quality in naturalistic settings using diary-based measures and actigraphy. Implications of short-term (day-to-day) changes in sleep for emotion and cognition and of individual differences in sleep timing and quality for mental and physical health outcomes.
- Effects of parent-child attachment relationships and disruptions in attachment relationships on the socioemotional and psychoendocrine development of children and adolescents.
- The role of public policies and programs in influencing family stress and well-being.

Grants – current:

Principal Investigator. "Everyday Experiences, Physiological Stress and the Emergence of Affective Disorder over the Transition to Early Adulthood: A Longitudinal Study", \$320,000. William T. Grant Foundation, 07/04-07/10.

Co-Principal Investigator. "Social Influences on Early Adult Stress Biomarkers". NICHD R01 HD053731-01A1. T. McDade & E. Adam (P.I.'s), G. Duncan, T. Cook, L. Chase-Lansdale & D. Massey (Co-Investigators). \$1,878,981, 4/1/07-1/30/12.

Co-Investigator. "Common and Specific Risk Factors for Emotional Disorders". NIMH R01 MH65652. R. Zinbarg (P.I.), S. Mineka & M. Craske (Co-PI's), C. Hammen & E. Adam (Co-Investigators), \$1,856,180, 12/1/07-11/30/12.

Co-Investigator. "Cells to Society: The Center on Social Disparities and Health" 1 R21 HD053946-01 (P. L. Chase-Lansdale, PI), \$1,132,125, 7/1/06-6/30/11.

P.I. of Northwestern Subcontract and Co-Investigator. "Community Action for Child Health Equity - Cook County IL". M. Shalowitz (P.I.), E. Adam, G. Duncan, C. Kuzawa, T. McDade, B. Spencer (Co-Investigators). NICHD U01 HD054019, \$357,675 (NU subcontract) 7/1/07-6/30/2012.

Grants – completed:

Principal Investigator. "Contextual Influences on Adolescent Cortisol Activity". NIMH RO3 MH63269, \$134,000, 01/01/01-12/30/03.

Principal Investigator. "Adolescent Cortisol Activity in Home, School, and Peer Contexts: Cross-Sectional and Longitudinal Relations with Stress, Health, and Performance", \$50,000. Spencer Foundation, 09/03-07/04.

Principal Investigator. "Qualitative Coding of Diary Reports Over the Transition to Adulthood", \$22,518. William T. Grant Foundation, 12/01/04-05/31/06.

P.I. of Northwestern Subcontract and Co-Investigator. “Community Action for Child Health Equity”. M. Shalowitz (P.I.), E. Adam, G. Duncan & C. Kuzawa (Co-Investigators). NICHD U01 HD044226-01, \$33,107 (for subcontract), 7/15/03-12/31/05.

P.I. of Northwestern Subcontract and Co-Investigator. “Community Action for Child Health Equity (Bridge Funding)”. M. Shalowitz (P.I.), E. Adam, G. Duncan & C. Kuzawa (Co-Investigators). NICHD U01 EH02-235-51/A03, \$44,274 (for subcontract), 7/1/06-12/31/07.

Co-Investigator. “Common and Specific Risk Factors for Emotional Disorders”. NIMH R01 MH65652. R. Zinbarg (P.I.), S. Mineka & M. Craske (Co-PI’s), C. Hammen & E. Adam (Co-Investigators), \$1,828,100, 6/18/02-3/31/07.

Co-Investigator. “Neighborhood Poverty, Health and Economic Security Over the Adult Lifespan”. J. Ludwig (PI). 12/1/07-11/30/12.

Co-Investigator. “The Costs of Covering: Psychological & Physiological Implications of Managing a Stigmatized Identity”. NSF 6808726 (Richeson, Jennifer, PI), \$274,325 7/01/09 - 6/30/11.

Grants – Under Review:

Principal Investigator/Project Director. “Histories of Perceived Discrimination and Physiological Health in Young Adulthood”. NICHD R01, \$1,510,199, 1/1/2010 - 12/31/2014, *Submitted Jan 2009*.

Principal Investigator/Project Director. “Race Based Social Stress and Health Trajectories from Adolescence to Adulthood”. NIA GO Grant, \$7,072,566, 10/1/2009 – 9/30/2011, *Submitted April 2009*.

Peer-reviewed Publications: (*Italicized names are graduate students*).

Adam, E. K. & Kumari, M. Assessing salivary cortisol in large-scale, epidemiological research. In press, *Psychoneuroendocrinology*.

Papp, L., Pendry, P. & Adam, E. K. Parent-adolescent physiological synchrony in naturalistic settings: Within-family cortisol associations and moderators. In press, *Journal of Family Psychology*.

Doane, L.D. & Adam, E.K. Loneliness and cortisol: Momentary, day-to-day, and trait associations. In press, *Psychoneuroendocrinology*.

Kumari, M., Badrick, E., Chandola, T., Adam, E., Stafford, M., Marmot, M., & Kivikami, M. The relationship between cortisol secretion and fatigue: Evidence from the Whitehall II study. In press, *Psychoneuroendocrinology*.

DeSantis, A., Adam, E. K., Mendelsohn, K., & Doane, L. D. Concordance between self-reported and actual wake-up times in ambulatory salivary cortisol research: Implications for the cortisol response to awakening. In press, *International Journal of Behavioral Medicine*.

Mor, N., Doane, L., Adam, E., Mineka, S., Zinbarg, R., Craske, M. & Griffith, J. Within-Person Variations in self-focused attention and negative affect in depression and anxiety: A diary study. In press, *Cognition and Emotion*.

Hauner, K. Y., Adam, E. K., Mineka, S., Doane, L. D., DeSantis, A. S., Zinbarg, R., Craske, M., & Griffith, J. W. (2008). Neuroticism and introversion are associated with salivary cortisol patterns in adolescents. *Psychoneuroendocrinology*, 33, 1344-1356.

Adam, E. K., Sutton, J., Doane, L. & Mineka, S. (2008). Incorporating HPA-axis measures into preventative interventions for adolescent depression: Are we there yet? *Development and Psychopathology*, 20 (3), 975-1001.

- Kudielka, B. M., Hawkley, L. C., Adam, E. K., & Cacioppo, J. T. (2007). Compliance with ambulatory saliva sampling in the Chicago Health, Aging, and Social Relations Study (CHASRS) and associations with social support. *Annals of Behavioral Medicine, 34*(2), 209-216.
- DeSantis, A., Adam, E. K., Doane L., Mineka, S., Zinbarg, R., Craske, M. (2007). Racial/ethnic differences in cortisol diurnal rhythms in a community sample of adolescents. *Journal of Adolescent Health, 41*, 3-13. *See also editorial on this article p. 1-2 of the same issue.
- Pendry, P. & Adam, E. K. (2007). Associations between interparental discord, parenting quality, parent emotion and cortisol levels in adolescent and kindergarten-aged children. *International Journal of Behavioral Development, 31*(3), 218-231.
- Adam, E. K., Snell, E. K. & Pendry, P. (2007). Sleep timing and quantity in ecological and family context: A nationally representative time-diary study. *Special Issue on Sleep and Family Processes, Journal of Family Psychology, 21*(1), 4-19.
- Snell, E. K., Adam, E. K., & Duncan, G. J. (2007). Sleep and the body mass index and overweight status of children and adolescents. *Child Development, 78*(1), 309-323.
- Jimerson, S. R., Durbrow, E. H., Adam, E. K., Gunnar, M. R., Bozoky, I. K. (2006). Associations among academic achievement, attention, and adrenocortical reactivity in Caribbean village children. *Canadian Journal of School Psychology, 21*(1-2), 120-138.
- Adam, E. K., Hawkley, L. C., Kudielka, B. M. & Cacioppo, J. T. (2006). Day-to-day dynamics of experience-cortisol associations in a population-based sample of older adults. *Proceedings of the National Academy of Sciences, 103*, 17058-17063.
- Adam, E.K. (2006). Transactions among trait and state emotion and adolescent diurnal and momentary cortisol activity in naturalistic settings. *Psychoneuroendocrinology, 31*(5), 664-679.
- Adam, E. K. (2004). Beyond quality: Parental and residential stability and children's adjustment. *Current Directions in Psychological Science, 13*(5), 210-213.
- Adam, E. K., Gunnar, M. R. & Tanaka, A. (2004). Adult Attachment, parent emotion, and observed parenting behavior: Mediator and moderator models. *Child Development, 75*, 110-122.
- Adam, E. K. & Chase-Lansdale, P. L. (2002). Home sweet home(s): Parental separations, residential moves and adjustment in low-income adolescent girls. *Developmental Psychology, 38*, 792-805.
- Adam, E. K. & Gunnar, M. R. (2001). Relationship functioning and home and work demands predict individual differences in diurnal cortisol patterns in women. *Psychoneuroendocrinology, 26*, 189-208.
- Korfmacher, J., Adam, E., Ogawa, J., and Egeland, B. (1997). Adult attachment: Implications for the therapeutic process in a home visitation intervention. *Applied Developmental Science, 1*, 43-52.
- Pianta, R. C., Egeland, B. & Adam, E. K. (1996), Adult attachment classification and self-reported psychiatric symptomatology as assessed by the MMPI-2. *Journal of Consulting and Clinical Psychology, 64*, 273-281.
- Freedman, J. L., Adam, E. K., Davey, S. A., & Koegl, C. J. (1996), The impact of a statement: More detail does not always help. *Legal and Criminological Psychology, 1*, 117-130.

Book Chapters:

- Adam, E. K., Doane, L. D., Mendelsohn, K. (in press). Spit, sweat, and tears: Measuring biological data in naturalistic settings. To appear in: Hargittai, Eszter (Ed.) *Research Confidential: Solutions to Problems Most Social Scientists Pretend They Never Have*. University of Michigan Press.
- Adam, E. K. (2009). *Cortisol and Major Depressive Disorder*. Invited contribution to the International Encyclopedia of Depression. New York: Springer.
- Adam, E. K., Klimes-Dougan, B., & Gunnar, M. (2007). Social regulation of stress physiology in infancy, childhood and adolescence: Implications for mental health and education. In Donna Coch, Geraldine Dawson & Kurt Fischer (Eds) *Human Behavior, Learning, and the Developing Brain: Atypical Development*, pp. 264-304. New York: Guilford Press.
- Adam, E. K. (2005). Momentary emotion and cortisol levels in the everyday lives of working parents. In B. Schneider & L. Waite (Eds.), *Being Together, Working Apart: Dual Career Families and the Work-Life Balance*, pp. 105-134. Cambridge: Cambridge University Press. (Peer-reviewed).
- Kremer, K. E., Adam, E. K., & Jimerson, S. R. (1995), Research and reform for U.S. mathematics education: What counts? A commentary on Stevenson, Stigler and Fernandez, and Resnick. In C. A. Nelson (Ed.) *Minnesota Symposium on Child Psychology, Vol. 28*. New York: Lawrence Erlbaum Associates.

Manuscripts Submitted for Publication:

- Kircanski, K., Craske, M. G., Adam, E. K., Mineka, S., Zinbarg, R. E., Doane, L. D. The relationship of intraindividual variability in emotion to severity of anxiety disorders in adolescents. *Revise-resubmit, Emotion*.
- Adam, E. K., Doane, L. D., Zinbarg, R., Mineka, S. Craske, M. & Griffith, J. Prospective prediction of major depressive disorder from diurnal cortisol patterns in late adolescence. *Revise-resubmit, Psychoneuroendocrinology*.
- Adam, E. K. & Granger, D. Momentary positive affect and alpha amylase levels in adolescents in naturalistic settings. *Manuscript submitted for publication*.
- Pendry, P. & Adam, E. K. Effects of child-related interparental conflict at nine months of age of cognitive ability and socioemotional functioning in toddlerhood in a nationally representative sample. *Manuscript submitted for publication*.
- Doane, L.D., Adam, E.K., Mineka, S., Zinbarg, R., & Craske, M. Flattened diurnal cortisol rhythms as a scar marker of past depressive episodes in a community sample of adolescents. *Manuscript submitted for publication*.
- Gunnar, M. R. & Adam, E. K. What can neuroendocrine measures reveal about emotion? *Manuscript submitted for publication*.
- Adam, E. K. Understanding individual differences in the associations between cortisol and emotion: The importance of considering multiple time scales. *Manuscript submitted for publication*.
- Hart, C. M. D., Snell, E. K. & Adam, E. K. Parental work and children's sleep patterns. *Manuscript submitted for publication*.

Manuscripts in Preparation:

- Adam, E. K., McDade, T., Chyu, L., Till, L., Duncan, G., & Boisjoly, J. Adverse relationship histories and young adult health: The roles of trauma, instability, loneliness and loss. *Manuscript in preparation*.

- Trawalter, S., Adam, E.K., Chase-Lansdale, P.L., & Richeson, J.A. Prejudice concerns get under the skin: External motivation to respond without prejudice shapes behavioral and physiological stress responses to interracial contact. *Manuscript in preparation.*
- Doane, L. D. & Adam, E. K. Relationship functioning and depressive symptoms over the transition to adulthood. *Manuscript in preparation.*
- Snell, E. & Adam, E. K. Adolescents' momentary emotion and motivation at school and at study: Family influences. *Manuscript in preparation.*
- Adam, E. K., Hawkley, L., Cacioppo, J. & Kudielka, B. Social support and cortisol levels in older adults. *Manuscript in preparation.*
- Adam, E. K. Salivary cortisol parameters in biobehavioral research: A guide to data collection, analysis and interpretation. *Manuscript in preparation.*
- Adam, E. K. Strategies for modeling diurnal cortisol slopes in population-based research: Implications of number and timing of salivary cortisol samples for slope estimates. *Manuscript in preparation.*

Policy Reports/Book Reviews:

- Susman-Stillman, A. R., Brown, J. L., Adam, E. K., Blair, C., Gaines, R., Gordon, R., White, A.M., Wynn, S. R. (1996). Building research and policy connections: Training and career options for developmental scientists. *SRCD Social Policy Report, Vol. X, Number 4*, 1-20.
- Adam, E. K. & Chaiken, M. (1996, August). An Implementation Analysis of New York City WAY Employment Procedures. Internal report prepared for New York City Human Resources Administration, Office of Data Analysis and Research.
- Adam, E. K. (1999, September). Career path: Combining developmental psychology and public policy. *Newsletter of the Developmental Psychology Section of the Canadian Psychological Association, 19*, 5-6.
- Adam, E. K. (1999). [Review of the book *Investing in our children: What we know and don't know about the costs and benefits of early childhood interventions*]. *Children and Youth Services Review, 21*, 339-342.

Presentations at Professional Conferences - Invited:

- Adam, E. K. (2009, April). *Parent stress and cortisol in naturalistic settings*. Paper presented in Preconference on Culture, Brain and Development, Society for Research on Child Development, Denver, CO.
- Adam, E. K. (2007, June). Day-to-Day Dynamics of Experience-Cortisol Associations in a Population-Based Sample of Older Adults. Invited paper at the *Chicago Workshop on Biomarker Collection in Population-Based Health and Aging Research*, Sponsored by the Chicago Core on Biomarkers in Population-based Aging Research at the University of Chicago, Chicago, IL.
- Adam, E. K. (2007, December). Discussant for *Biology, Stress and the Intergenerational Transmission of Economic Status* by Anna Aizer, Laura Stroud and Stephen Buka. Chicago Workshop on Black-White Inequalities, University of Chicago, Chicago, Illinois.
- Adam, E. K., Hawkley, L. C. & Cacioppo, J. T. (2006, March). Day-to-day dynamics of naturalistic mood-cortisol associations in a population-based sample of older adults. Invited presentation in

the “Data Blitz” symposium of the 64th Annual Scientific Meeting of the American Psychosomatic Society, Denver, CO.

- Adam, E. K. (2005, June). Proper use vs. misuse of biomarker data in social science research: The case of cortisol. Invited paper at the *Chicago Workshop on Biomarker Collection in Population-Based Health and Aging Research*, Sponsored by the Chicago Core on Biomarkers in Population-based Aging Research at the University of Chicago, Chicago, IL.
- Adam, E. K. (2004, November). Regulation of stress-hormone activity by family and community contexts: Potential implications for health. Invited paper presentation in *Frontiers of Family Research*, a special session of the National Council on Family Relations, Orlando, FL.
- Adam, E. K. (2004, October). Social regulation of hypothalamic-pituitary-adrenal activity in human infants, children and adolescents. Invited paper presentation at the *Stress and Asthma*, conference organized by The American Thoracic Society, Arlington, VA.
- Adam, E. K. (2004, July). Social regulation of hypothalamic-pituitary-adrenal (HPA) activity in human infants, young children and adolescents. In F. Cirulli and S. Levine (Chairs) *Early experience: When does it become disruptive for brain development and behavior?* Invited paper symposium conducted at the 4th Forum of European Neuroscience, Lisbon, Portugal.
- Adam, E. K. (2001, October). Diurnal cortisol activity and cortisol reactivity in the everyday lives of parents and children. Invited poster presentation at “*Well-Being and Dysfunction Across the Generations: Change and Continuity*”, Jacobs Foundation Conference, Marbach Castle, Germany.
- Susman-Stillman, A. R., Brown, J. L., Adam, E. K., Blair, C. B., Gaines, R. G., Gordon, R. & White, A. M. (1995, March). *What is the future role of developmental psychology in shaping social policy? Comments from developmentalists-in-training*. Invited discussion hour at the Biennial Meeting of the Society for Research in Child Development, Indianapolis, Indiana.

Paper Presentations at Professional Conferences:

- Adam, E. K. (April, 2009). Ups and downs: Linking cortisol diurnal rhythms and reactivity to adolescent emotional experiences in naturalistic settings. In T. Dennis (Chair), *Physiological Measures of Emotion from a Developmental Perspective: State of the Science*. Roundtable Discussion (Adam, E. K., Buss, K. A., Dennis, T., Hastings, P. D. & Pollack, S. D.) conducted at the Biennial Meeting of the Society for Research on Child Development, Denver, CO.
- Adam, E. K. & Granger, D. A. (April, 2009). Covariation between salivary alpha-amylase and adolescent affect in naturalistic settings. In C. K. Fortunato (Chair), *Positive affect, arousal, and social emotional competence: Relations to salivary alpha amylase in early childhood and adolescence*. Symposium conducted at the Biennial Meeting of the Society for Research on Child Development, Denver, CO.
- DeSantis, A. S., Adam, E. K., Kuzawa, C. W. (March, 2009). Associations between Early SES and Diurnal Cortisol Rhythms in Young Adulthood: Results from the Cebu Study (Philippines). In G. Miller (Chair), *Early SES and Health*. Symposium conducted at the 67th Annual Scientific Meeting of the American Psychosomatic Society, Chicago, IL.
- Doane, L. D., Adam, E. K., DeSantis, A. S. (2008, July). Loneliness and cortisol: Momentary, day-to-day, and trait associations. In Adam, E. K. (Chair). *Social stressors and HPA reactivity*. Symposium conducted at the 39th Annual Conference of the International Society of Psychoneuroendocrinology, Dresden, Germany.

- Trawalter, S., Adam, E. K., Chase-Lansdale, P. L., & Richeson, J. A. (2008, July). White Americans' physiological responses to interracial contact. In Adam, E. K. (Chair). *Social stressors and HPA reactivity*. Symposium conducted at the 39th Annual Conference of the International Society of Psychoneuroendocrinology, Dresden, Germany.
- DeSantis, A. S., Adam, E. K., Hawkley, L. C., Kudielka, B. M. & Cacioppo, J. T. (2008, July). Racial/ethnic differences in cortisol diurnal rhythms among older US adults: The roles of psychosocial stress and socioeconomic factors. In J. Fischer (Chair), *Diurnal cortisol profiles in health and disease*. Symposium conducted at the 39th Annual Conference of the International Society of Psychoneuroendocrinology, Dresden, Germany.
- Hart, C., Adam, E., Snell, E. (2008, April). Parental work and children's sleep patterns. In Dwyer, R. (Chair) *Children's outcomes and parental nonstandard work schedules*. Symposium conducted at the Annual Meeting of the Population Association of America, New Orleans, Louisiana.
- Adam, E. K., Hawkley, L. C., Kudielka, B. M. & Cacioppo, J. T. (2007, August). Day-to-day changes in diurnal cortisol patterns in everyday environments: Signal or noise? Presented at the 19th Annual Meeting of the International Society of Psychoneuroendocrinology, Madison, WI.
- Adam, E. K., Doane, L.D., Mendelsohn, K.A., Griffith, J.W., Mineka, S., Zinbarg, R., & Craske, M. (2007, March). Diurnal cortisol patterns, stressful life events, momentary negative emotion and the development of emotional disorders in late adolescence. In J. Silk (Chair), *Daily Emotions and Activities: An Ecological Momentary Assessment Approach to Understanding Child Depressive Symptoms*. Symposium conducted at the Biennial Meeting of the Society for Research on Child Development, Boston, MA.
- Adam, E. K., Snell, E. K., & Pendry, P. (2007, March). Factors associated with hours of sleep, bedtimes and waketimes in a nationally representative sample of children and adolescents. In M.M. El-Sheikh (Chair), *Carpe Noctem: Family Functioning and the Sleep of Infants, Children, and Adolescents*. Symposium conducted at the Biennial Meeting of the Society for Research on Child Development, Boston, MA.
- Adam, E. K., Doane, L., Mineka, S., Zinbarg, R. E. & Craske, M. G. (2006, October). Cross-sectional and prospective longitudinal associations between diurnal cortisol rhythms, exposure to stressful life events and adolescent mood and anxiety disorders. Paper presentation in *Common and specific risk factors for the emotional disorders: Time 1 results from a prospective study*. Symposium conducted at the Society for Research on Psychopathology, San Diego, CA.
- Adam, E. K., Doane, L., Mendelsohn, K., Griffith, J., Mineka, S., Zinbarg, R. E. & Craske, M. G. (2006, June). Diurnal cortisol patterns, exposure to stressful life events, and the development of mood and anxiety disorders in late adolescence. Paper presentation in symposium, *The HPA axis before and during puberty*, at the 37th Annual Conference of the International Society of Psychoneuroendocrinology, Leiden, The Netherlands.
- Doane, L.D. & Adam, E.K. (2006, March). Associations among negative emotion, life stress, and cortisol in adolescents at risk for depressive and anxious disorders. In E. K. Adam and L.D. Doane, (Co-Chairs), *Current Trends in Biopsychosocial Research on the Development of Adolescent Psychopathology*. Symposium conducted at the Biennial Meeting of the Society for Research on Adolescence, San Francisco, CA.
- Adam, E. K., Hawkley, L. & Cacioppo, J. (2006, March). Day-to-day dynamics of naturalistic mood-cortisol associations in a population-based sample of older adults. Paper presentation in

symposium, *Hormonal and hematologic responding: Dynamics and predictors*, at 64th Annual Scientific Meeting of the American Psychosomatic Society, Denver, CO.

Adam, E. K. (2005, April). Sorting out the “Normative” from the “Non”: Momentary Emotion, Chronic Emotional Strain, Emotional Disorders, and Cortisol. In P. Hastings and E. K. Adam, (Co-Chairs), *Integrating Developmental Psychopathology and Affective Psychophysiology: New Views, New Approaches*. Symposium conducted at the Biennial Meeting of the Society for Research on Child Development, Atlanta, Georgia.

Pendry, P. & Adam, E. K. (2005, April). Associations between marital discord, parenting, and children’s stress physiology: The role of child age and parent gender. In P. Pendry (Chair), *Marital Discord and Child Development: Developmental and Transactional Perspectives on the Role of Basic Regulatory Processes*. Symposium conducted at the Biennial Meeting of the Society for Research on Child Development, Atlanta, Georgia.

Doane, L. D. & Adam, E. K. (2004, July). Relationship functioning and depressive symptoms over the transition to adulthood. Paper presentation at the 2004 Add Health Users Conference, National Institutes of Health (NIH), Bethesda, Maryland.

Adam, E. K. & Pendry, P. (2003, March). Salivary cortisol and family functioning: Effects of emotion, conflict and parenting. Paper presented at XXXIII Congress of the International Society of Psychoneuroendocrinology, Pisa, Italy.

Adam, E. K. (2002, April). Momentary emotion and cortisol activity in adolescents’ everyday lives. In E. K. Adam (Chair), *Adolescent hormone-behavior relations: Moderating effects of age, sex, social context and psychopathology*. Symposium conducted at the Biennial Meeting of the Society for Research on Adolescence, New Orleans, Louisiana.

Adam, E. K. (2002, March). *Measuring stress in families: Combining biological and phenomenological approaches*. Paper presented at the International Conference on Time Pressure, Work-Family Interface, and Parent-Child relationships. Waterloo, Ontario.

Adam, E. K. (2001, April). Parental employment conditions, parent emotion and parenting, and behavioral, emotional and cognitive outcomes in young children. In A. Kalil (Chair), *The long arm of the job: Influences of parental work conditions on family life*. Symposium conducted at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, MN.

Adam, E. K. (2001, April). Adult attachment, cortisol reactivity and diurnal cortisol activity in mothers of toddlers. In G. Roisman (Chair), *Psychophysiological perspectives on the Adult Attachment Interview*. Symposium conducted at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, MN.

Adam, E. K. (2001, April). Moderator of roundtable workshop “Shepherding the link between research and policy”, hosted by the Student and Young Professional Policy Network, Biennial meeting of the Society for Research in Child Development, Minneapolis, MN.

Adam, E.K. (2000, March 3-4). Work, family and physiological stress in mothers: Implications for health. In *The Effects of Work-Family Arrangements on Health and Well-Being*, Roundtable Session at Work and Family: Expanding the Horizons conference, San Francisco, CA.

Adam, E. K. (1999, August). The effects of relationship style, hours of paid work, and division of child-rearing labor on emotional and physiological stress in working mothers. In E. L. Kelly (Presider), *Families, Employment and Stress*, Refereed Roundtable of the Section on the

Sociology of the Family conducted at the 94th Annual Meeting of the American Sociological Association, Chicago, IL.

- Adam, E. K., Tanaka, A., & Alwin, J. (1999, April). Emotional working models? The relations between adult attachment, parent emotion, and parenting behavior. In E. Thompson-Gershoff and E. K. Adam (Co-chairs), *Emotion and parenting: Interdependencies among parent and child emotion and behavior*, Symposium conducted at the Biennial Meeting of the Society for Research in Child Development, Albuquerque, New Mexico.
- Adam, E. K., Blair, C. B., Boyce, C., Gadsden, V. L., Gaines Lanzi, R., Gordon, R., Hyson, M., Phillips, D., Susman-Stillman, A. R. (1999, April). *Growing into research and policy practice: Comments from professionals and professionals-in-training*. A. M. White & J. L. Brown (Co-chairs), Invited discussion hour at the Biennial Meeting of the Society for Research in Child Development, Albuquerque, New Mexico.
- Adam, E. K., Tanaka, A., Brodersen, L., & Gunnar, M. R. (1998, April). Adult attachment and maternal perceptions of toddler temperament and emotion. In J. A. Ungerer (Chair), *Emotional development: Perspectives on the role of maternal perceptions of emotions and internal working models of attachment*. Symposium conducted at the 11th Biennial International Conference on Infant Studies, Atlanta, Georgia.
- Durbrow, E. H., Gunnar, M., Chen, C., Bozoky, I., Adam, E. & Jimerson, S. (1996, August). Salivary cortisol variation in rural Caribbean children: Correlates with child personality, behavior, peer status, and early childhood adversity. In E. Durbrow & C. Panter-Brick (Chairs), *Child stress in natural settings: Psychobiological studies of children in diverse cultures*. Symposium conducted at the XIVth Biennial meeting of ISSBD, Quebec City, Canada.
- Egeland, B. & Adam, E. K. (1996, June). Continuity of development in a high-risk sample. In A. Honig (Chair), *Longitudinal research with high-risk families*. Paper symposium conducted at Head Start's 3rd National Research Conference, Washington, D.C.
- Susman, A. R. & Adam, E. K. (1995, March). Poverty and educational outcomes: Context, diversity and change. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Indianapolis, Indiana.
- Egeland, B., Adam, E., Ogawa, J. & Korfmacher, J. (1995, March). Adult attachment: Implications for the therapeutic process in a home visitation intervention. In M. Dozier (Chair), *Attachment and communication within relationships*. Paper symposium conducted at the Biennial Meeting of the Society for Research in Child Development, Indianapolis, Indiana, 1995.
- Grusec, J. E., Adam, E., & Mammone, N. (1993, March). The relationship between parents' mental representation of relationships, belief systems, and behavior. In J. Smetana (Chair), *Social-cognitive models of parenting: Reconceptualizations and new directions*. Paper symposium conducted at the 60th Anniversary Meeting of the Society for Research in Child Development, New Orleans, Louisiana.
- Adam, E., & Grusec, J. E. (1992, May). The interrelations of adult attachment status, parental cognitions about child misbehaviour, and parenting behaviour. In J. E. Grusec (Chair), *Assessing parenting capacity*. Paper symposium conducted at the Seventh Biennial University of Waterloo Conference on Child Development, Waterloo, Ontario.

Poster Presentations at Professional Conferences:

- DeSantis, A.S., Adam, E.K. (April, 2009). *Early developmental influences on HPA axis activity in young adulthood*. Poster presented at the Biennial Meeting of the Society for Research on Child Development, Denver, CO.
- Chung, V., Trawalter, S., Simon, C. D., Alvia-Ramos, C., & Adam, E. K. (2009, April). Role of ethnic identity and acculturation in shaping intra-group attitudes among Asian Americans. Poster presented at the Society for Research in Child Development Biennial Meeting in Denver, CO.
- Till, L. D., Adam, E. K., Chase-Lansdale, P. L. (2009, April). Parenting adolescents: Exploring the association between parenting characteristics and delinquency over time. Poster presented at the biennial meeting of the Society for Research on Child Development, Denver, CO.
- Chung, V., Desantis, A., & Adam, E.K. (2007, March). Associations between family dynamics and peer victimization/discrimination among immigrant children. Poster presented at the Biennial Meeting of the Society for Research on Child Development, Boston, MA.
- Cueto, J. A., Mendelsohn, K. A., Doane, L. D., Adam, E. K., Mineka, S., Zinbarg, R., & Craske, M. (2007, March). Associations between psychopathology and loneliness in adolescents over time. Poster presented at the Biennial Meeting of the Society for Research on Child Development, Boston, MA.
- Desantis, A., Adam, E.K., Mineka, S., Zinbarg, R., & Craske, M. (2007, March). Race, ethnicity, and the stability of cortisol slopes during adolescence: Do changes in stress levels moderate slope differences? Poster presented at the Biennial Meeting of the Society for Research on Child Development, Boston, MA.
- DeSantis, A. & Adam, E. K., Mineka, S., Zinbarg, R. E. & Craske, M. G. (2006, June). Racial and ethnic differences in cortisol slopes among American adolescents: Mediators and moderators. Poster presented at the 37th Annual Conference of the International Society of Psychoneuroendocrinology, Leiden, The Netherlands.
- Kircanski, K., Craske, M. G., Adam, E. K., Mineka, S., & Zinbarg, R. E. (2006, May). The relationship of intraindividual variability in emotion to anxiety and depression. Poster presented at the 18th Annual Convention for the Association of Psychological Science, New York, NY.
- Hauner, K. K., Adam, E. K., Mineka, S., Doane, L. D., Zinbarg, R. E., Craske, M. G., & Griffith, J. W. (2006, May). Personality as a predictor of salivary cortisol patterns in adolescents. Poster presented at the 18th Annual Convention for the Association of Psychological Science, New York, NY.
- Desantis, A., Wong, V. C., Snell, E. K. & Adam, E. K. (2006, March). The effects of sleep behaviors on mood in late adolescence. Poster presented at the Society for Research on Adolescence Biennial Meeting, San Francisco, CA.
- Mendelsohn, K., Cueto, J., Doane, L.D., & Adam, E.K. (2006, March). Being an adolescent and alone: Associations between psychopathology and loneliness. Poster presentation at the Biennial Meeting of the Society for Research on Adolescence, San Francisco, CA.
- Snell, E. K., Adam, E. K. & Duncan, G. (2005, June). Sleep patterns and developmental outcomes among American children. Poster presented at the *CDS-II early results workshop*, Sponsored by the National Institute of Child Health and Human Development and the National Poverty Center at the University of Michigan Gerald R. Ford School of Public Policy, Ann Arbor, MI.

- Doane, L. D. & Adam, E. K.* (2005, April). Relationship functioning and depressive symptoms in adolescence and over the transition to adulthood. Poster presented at the Biennial Meeting of the Society for Research on Child Development, Atlanta, Georgia.
- Snell, E. K. & Adam, E. K.* (2005, April). Schooling, parental involvement, and adolescent emotion. Poster presented at the Biennial Meeting of the Society for Research on Child Development, Atlanta, Georgia.
- Pendry, P. & Adam, E.* (2003, April). Hormones under siege: Parent behavior, parent emotional and marital functioning and child cortisol. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, Florida.
- Adam, E. K. & Rosman, J.* (2000, March 30-April 2). Residential mobility, relationship instability and cognitive, emotional, and behavioral outcomes in low-income adolescent girls. Poster presented at the Eighth Biennial Meeting of the Society for Research on Adolescence, Chicago, IL.
- Wefel, A., Frye, B. & Adam, E.* (1997, April). Links between maternal depressive and anxious symptomatology, maternal attributions and mothers' hopes and wishes for their children. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Washington, D.C.
- Adam, E. K., Pierce, S. L., Holland, J., Desmond, E. & Gunnar, M. R.* (1996, August). Cognitive and physiological correlates of internal working models. Poster presented at the XIVth Biennial meeting of the International Society for the Study of Behavioral Development, Quebec City, Canada.
- Durbrow, E. H., Bozoky, I., Jones, E., Jimerson, S., & Adam, E.* (1996, August). The Middle Childhood Home Inventory for Caribbean children: Associations with academic performance and classroom behavior. Poster presented at the XIVth Biennial meeting of ISSBD, Quebec City, Canada.
- Adam, E. K. & Susman-Stillman, A.* (1996, June). Direct and indirect pathways from SES to academic achievement: Implications for intervention. Poster presented at Head Start's 3rd National Research Conference, Washington, D.C.
- Adam, E. K., Wefel, A. J. & Gunnar, M. R.* (1996, April). Depressive and anxious symptomatology and maternal perceptions of toddlers. Poster presented at the 10th Biennial International Conference on Infant Studies, Providence, Rhode Island.
- Adam, E. K., & Egeland, B. R.* (1994, October). Adult attachment and social support: The impact of intervention. Poster presented at the 1st International Conference on Attachment and Psychopathology, Toronto, Ontario.

Selected Additional Presentations:

- Adam, E. K.* (2008, Nov). Social and Emotional Influences on Stress Hormone Activity in the Everyday Lives of Children and Adolescents: Implications for Emotional and Physical Health. Presentation to the University of Toronto Psychology Department colloquium series.
- Adam, E. K.* (2008, Jan). HPA-axis Alterations and Depression: Chicken or Egg? Presented to the Clinical Psychology Brown Bag Series, Northwestern University, Evanston, IL.
- Adam, E. K.* (2007, June). Everyday Experiences, Physiological Stress and the Emergence of Emotional Disorders over the Transition to Early Adulthood. Presentation to the Annual Retreat of the William T. Grant Foundation Scholars Program, Salt Lake City, Utah.

- Adam, E. K. (2007, October). Use of Multilevel Growth Curve Modeling to Examine Social Influences on Stress Hormone Levels in Naturalistic Settings. Presentation at the Chicago Chapter of the American Statistical Association Luncheon Series.
- Adam, E. K. (2007, April). Child and Adolescent Sleep: Correlates and Consequences. Presentation to the *Colloquium Series of the Institute for Policy Research*, Northwestern University, Evanston, IL.
- Adam, E. K. (2006, August). Rationale for the Biosample Methodology: Why all the spit? Presentation to the Rhode Island Hard to Employ Study Personnel, Providence, RI.
- Adam, E. K. (2006, November). Rationale for Biomarkers: Why all the spit? Presentation to the Community board of the Community Action for Child Health Equity study, Libertyville, IL.
- Adam, E. K. (2005, June). Social relationships and the regulation of stress hormones. Invited paper at the *Introductory Conference of Cells to Society: The Center on Social Disparities and Health* at the Institute for Policy Research, Northwestern University, Evanston, IL.
- Adam, Emma (2005, May). Social and Emotional Influences on Physiological Stress in Infants, Children and Adolescents. Presentation to the *Spring Conference for Alumns of the Communications Disorders Program*, Northwestern University, Evanston, IL.
- Adam, Emma (2005, June). Ups and Downs: Social Experiences, Emotion and Physiological Stress in the Everyday Lives of Adolescents. Presentation at *Northwestern University's Grantmakers Conference* (one of three speakers invited by NU Foundation Relations).
- Adam, Emma (2005, July). Social and Emotional Influences on Physiological Stress in Infants, Children and Adolescents. Presentation to the *Undergraduate Success in Science Program*, Department of Chemistry, Northwestern University.
- Adam, Emma (2005, October). Multiple influences on HPA axis functioning in the everyday lives of adolescents: Implications for emotional and physical health. Presentation in the *Health Psychology Colloquium Series*, Dept. of Psychology, University of British Columbia.
- Adam, Emma (2005, December). Everyday influences on stress hormone levels in adults, adolescents, and young children: Implications for health promotion. Presentation to the *Chicago Center of Excellence in Health Promotion Economics Colloquium Series*.
- Adam, E. K. (2004, November). Adolescent Life Stress, Physiological Stress, and Emotional Well-Being: A Multi-method, Longitudinal Study. Presentation to the *Colloquium Series of the Institute for Policy Research*, Evanston, IL.
- Adam, E. K. (2004, November). Putting the "multi" back in multi-method: Inclusion of biomarkers, actigraphy, and experience sampling methods in longitudinal research in naturalistic settings. Paper presentation at the *Fall Retreat of the William T. Grant Foundation Scholar's Program*.
- Adam, E. K. (2004, September). Adolescent experiences and stress hormone levels in home and school contexts. Paper presentation at the *National Academy of Education Fall Forum*, Stanford, CA.
- Adam, E. K. (2004, July). "Social Regulation of Hypothalamic-Pituitary-Adrenal Activity in Human Infants, Children and Adolescents" and "Design and Analytic Methods for Understanding Cortisol Activity in Human Populations". Presentations to the *Instituto Superior de Psicologia Aplicada*, Lisbon, Portugal.
- Adam, E. K. (2002, October). Getting Under the Skin: Biological Measurement of Stress in the Everyday Lives of Families. Presentation to the *Colloquium Series of the Institute for Policy Research*, Northwestern University, Evanston, IL.

Adam, E.K. (2000, March). Presider. Parents, children and work – studies from the University of Chicago Alfred P. Sloan Center. Session conducted at Work and Family: Expanding the Horizons conference, San Francisco, CA.

Editorial and Review Contributions:

Editorial Board Member:

Child Development
Journal of Adolescent Health

Ad-Hoc Reviewer for:

Developmental Psychology
Psychological Bulletin
Educational Evaluation and Policy Analysis
Mind, Brain and Education
Psychoneuroendocrinology
Personality and Social Psychology Bulletin
Journal of Research on Adolescence
Journal of Adolescence
Journal of Applied Developmental Science
International Journal of Behavioral Development
Attachment and Human Development
Journal of Marriage and the Family
Parenting: Science and Practice
Journal of Health and Social Behavior
Psychological Science
Life Sciences
Journal of Social and Personal Relationships
Developmental Psychobiology
Journal of Abnormal Psychology
Journal of Abnormal Child Psychology
Behaviour Research and Therapy
Biological Psychology
Behavioral Neuroscience
Development and Psychopathology
Health Psychology Review
Biodemography

Other Scientific Reviews:

Headstart National Research Conference
Society for Research on Child Development Biennial Conference
Society for Research on Adolescence Biennial Conference
W. T. Grant Foundation Scholars Program
W. T. Grant Foundation Small Grants Program

Membership in Professional Organizations:

Society for Research in Child Development

Society for the Study of Human Development
Society for Research on Adolescence
American Psychological Association
International Society of Psychoneuroendocrinology

Additional Training:

- ◆ Trained and certified in Adult Attachment Interview coding.
- ◆ Trained in Infant Attachment/Strange Situation coding.

Teaching Experience:

Co-Director, Summer Biomarker Institute, Cells to Society Center, Institute for Policy Research,
Summer 2006 - present.

Instructor, School of Education and Social Policy, Northwestern University, *Fall 2000-Present*:

- “Introduction to Research Methods and Statistics” (Undergraduate)
- “Human Development: Childhood and Adolescence” (Undergraduate)
- “Nature/Nurture Revisited: Effects of Experience on Biology” (Graduate)
- “Observational Methods for the Study of Human Development” (Graduate)
- “Child and Adolescent Sleep: Causes and Consequences” (Graduate)

Program Director, Undergraduate Honors Program, School of Education and Social Policy,
Northwestern University, *Fall 2001-Fall 2003*.

Instructor, Institute of Child Development, University of Minnesota:

- “Children and Youth in Society”, *Spring and Fall, 1996*
- “Introduction to Child Psychology”, *Spring, 1995*.

Graduate and Undergraduate Advising/Mentoring:

Primary Doctoral Advisor for:

Patricia Pendry, HDSP (complete)
Leah Doane, HDSP
Amy DeSantis, HDSP
Vicki Chung, HDSP
Clarissa Simon, HDSP

Doctoral Co-Advisor for:

Emily Snell, HDSP (complete)
Lindsay Till, HDSP
Katherina Hauner, Psychology

Chair of Dissertation Committee:

Patricia Pendry, HDSP (complete)
Leah Doane, HDSP
Amy DeSantis, HDSP

Additional Dissertation Committees:

Emily Snell, HDSP (complete)
Julia Eksner, Learning Sciences (complete)
Elizabeth Votruba-Drzal, HDSP (complete)
Christine Li-Grinning, HDSP (complete)
Bessie Wilkerson, HDSP
Lisa Altenbernd, HDSP

Post-Doctoral and/or Career Award Advising:

Career Award Consultant

Whitney Witt, University of Wisconsin

Post-Doctoral Award Mentor

Elizabeth Perez (complete)
Sophie Trawalter
Laura Chyu
Kimberly Dienes

Undergraduate Honors Thesis Advising:

Laura Mesa-Martinez 2009-2010

Latinas: Adapting Through the Simultaneous Stress of Acculturation and Adolescence

(Role: Reader)

Brian Drelicharz Fall 2007

The Impact of a School-Based Depression Education Program on Adult's Perceptions of Depression

(Role: Advisor)

Jennifer Cueto 2006-2007

Associations between Loneliness and Psychopathology over the Transition to Adulthood

(Role: Advisor)

Jennifer Sperka 2005-2006

Associations between Athletic Involvement and Mood in Adolescents

(Role: Advisor)

Jessica Den Houter 2004-2005

Attitudinal and Emotional Factors Influencing the Decision to Enroll in College

(Role: Advisor)

Julie Maslowsky 2003-2004

Talent and Community Inclusion as Predictors of Foster Children's Clinical Status

(Role: Reader)

Allison Cunningham 2003-2004

Maternal Substance Abuse: Relation of Distal and Proximal Environmental Factors to Child Behavior Problems

(Role: Reader)

Kerri Thomsen 2002-2003

Preventing Empty Classrooms: Factors that Influence Special Education Teacher Attrition

(Role: Reader)

Andrew Russell 2002-2003
Constructing Divergence: A Study of Creativity in Children's Imaginative Play
(Role: Advisor)

Lauren Eslicker 2001-2002
Differences in Severity across Child and Adolescent Mental Health Services: A Comparative Study
(Role: Reader)

Research Apprenticeships:

-I also supervise 4 to 6 undergraduate Research Apprentices and/or Work-Study students each quarter.
-Each undergraduate works 8-10 hours per week on my ongoing research projects.

Consultancy Roles:

Consultant on salivary cortisol and other biomarker measurement for:

National Longitudinal Study on Adolescent Health (Add Health)
Panel Study of Income Dynamics Child Development Supplement (PSID CDS)
The Maryland Adolescent Development in Context Study (MADICS)
Moving to Opportunities Study (MTO)
Rhode Island Child Add-on to the Hard to Employ Evaluation (Pamela Morris, P.I.)
Pathways to Healthy Relationships in Children from Violent Homes (John Grych, P.I., submitted)
Oregon Youth Study (Deborah Capaldi, P.I.)
William T. Grant Scholars Award Application - Sara Goldrick-Rab, University of Wisconsin
Latino Children's Cumulative Risk: Housing & Stress in New Settlement Communities (Joseph G. Grzywacz, P.I., submitted)

Consultant on multilevel modeling of experience sampling data for:

A Social Contextual Analysis of CBT Treatment Response for Youth Anxiety: Parenting, Peer Relations, and Emotion Regulation (Jennifer Silk, P.I.)

University and Community Service:

Northwestern University Service:

- Executive Committee, School of Education and Social Policy, Fall 08 – present.
- Executive Committee, Institute for Policy Research, Fall 08 – present.
- Director, Institute for Policy Research Undergraduate Summer Research Program, 9/07-9/09.
- Executive Board of the Cells to Society Center at the Institute for Policy Research.
- Patent Policy Review Committee, Nov 07-Dec 08.
- One Northwestern Committee, Centers and Institutes Working Group, Fall 07-June 08.
- Faculty Search Committee Member, Clinical Psychology Search, 2007-2008
- Clarence Ver Steeg Graduate Faculty Award Committee, 2007
- NIH Roadmap Committee, 07/04-07/07.
- E-IRB Advisory Workgroup, *Summer and Fall 2005*
- Northwestern University Internal Grants Review committee – ad hoc member, 08-09.

School of Education and Social Policy, Northwestern University:

- Member, Technology Committee, 09/07-present.
- Chair, Graduate Research Methods Committee, 04/02 –09/03.
- Member, Graduate Research Methods Committee, 09/04-current.

- Member, Undergraduate Programs Committee, *09/00- 09/03*.
- Director, Undergraduate Honors Program, *09/01-09/03*.
- Member, Families and Communities Position Search Committee, *09/01-04/02*.

University of Minnesota and State of Minnesota:

- Member, Rule 204 Advisory Committee for the Department of Human Services, State of Minnesota. Helped revise Rule 204 "Foster Care for Children" (Minnesota Rules, parts 9560.0500 to 9560.0640), *Nov. 1993 - Jan. 1996*.
- Guardian *ad Litem* for Ramsey County, State of Minnesota, *June 1993 - Sept. 1997*. Served as a court-appointed special advocate for abused or neglected children.
- Advocacy Workgroup Member, Children, Youth, and Family Consortium, University of Minnesota. *Feb. 1993 - March. 1995*.