

Curriculum Vita
JANET NIEUWSMA MELBY
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EDUCATION

- Ph.D. (1988) IOWA STATE UNIVERSITY, Ames, IA
Major: Child Development
Minor: Family Environment
Dissertation: Maternal Behavior and Child Competence
Major Professor: Damaris Pease
Co-major Professor: Rand Conger
- (Summer, 1979) UNIVERSITY OF RHODE ISLAND, Kingston, Rhode Island
(6 credit hours - Early Childhood Assessment)
- MS (1974) NORTH DAKOTA STATE UNIVERSITY, Fargo, ND
Major: Child Development - Family Relations
Minor: Sociology
Thesis: Career Attitudes and Marriage Expectations
Major Professor: Harriett K. Light
- BS & BA (1972) NORTH DAKOTA STATE UNIVERSITY, Fargo, ND
1st Major: Child Development and Family Relations (BS)
2nd Major: Sociology (BA)
Undergraduate research project: Child Care Needs of NDSU Students

PROFESSIONAL EXPERIENCE

- 2002-present Adjunct Associate Professor, and graduate faculty member,
DEPARTMENT OF HUMAN DEVELOPMENT & FAMILY STUDIES, Iowa
State University, Ames.

- 1988-present Scientist I (2001-present); Associate Scientist (1994-2001); Assistant Scientist (1993-1994); Research Associate (1988-1993)
INSTITUTE FOR SOCIAL AND BEHAVIORAL RESEARCH.
 Interdisciplinary research institute currently affiliated with the Departments of Sociology, Psychology, and Human Development & Family Studies at Iowa State University, Ames. Director, Observation Unit (1992-present); Co-project Director, Iowa Youth and Families Project (1988-1991). Development of observational coding procedures; hiring, supervision, and training of staff (currently 30 staff); budget development; data analysis; manuscript preparation. (Carolyn Cutrona, Institute Director).
- Spring, 1997 Temporary Assistant Professor
DEPARTMENT OF HUMAN DEVELOPMENT & FAMILY STUDIES, Iowa State University, Ames. Class: HDFS 548 Parent Education (0.25 FTE).
- Fall 1989 Temporary Assistant Professor
DEPARTMENT OF FAMILY ENVIRONMENT, Iowa State University, Ames. Class: FE 678 Advanced Family Theory (0.25 FTE).
- 1987-1988 Graduate Research Assistant
COLLEGE OF FAMILY & CONSUMER SCIENCES RESEARCH INSTITUTE, Iowa State University, Ames. Responsibilities: Coding and analysis of video-recorded parent-child interaction; pilot-testing a statistical program for analysis of micro-coded behavioral interaction; participating in development and reliability analysis of behavioral rating scales for use in the Iowa Youth and Families Project (Rand Conger, Principal Investigator).
- 1984-87 Graduate Research Assistant
DEPARTMENT OF CHILD DEVELOPMENT, Iowa State University, Ames. Responsibilities: Collection, organization, analysis and reporting of data collected as a part of the North Central Regional Project NC-158, "A study of parenting beliefs in rural and urban families," (Damaris Pease, Iowa Project Leader).
- 1974-84 Assistant Professor (1978-84); Instructor (1974-78) (Note: on leave without pay 1984-86)
DEPARTMENT OF CHILD DEVELOPMENT AND FAMILY RELATIONS, South Dakota State University, Brookings.
 Responsibilities: teaching, student advising, committee work, and community service.
 Courses taught (* = coordinator of multi-section course; ** = developed new course):
 CDFR 100 Family Development*
 CDFR 141 Individual and the Family*
 CDFR 271 Experience in Human Relations (early childhood education laboratory course)

CDFR 363 Human Development in Poverty Families
 CDFR 313 Adult Development and Aging
 CDFR 364 Parent Education and Family Counseling
 CDFR 401 Seminar: Children with Special Needs
 CDFR 465 Developmental Assessment in Early Childhood**
 CDFR 472/473 Student Teaching in Preschool Programs (early
 childhood education laboratory course)
 CDFR 502/602 Seminar: Battered Women**
 CDFR 502/602 Seminar: Families in Crisis**
 CDFR 544/644 American Woman - Roles and Relationships

- 1973-74 Graduate Teaching Assistant
 DEPARTMENT OF CHILD DEVELOPMENT AND FAMILY RELATIONS,
 North Dakota State University, Fargo.
 Teaching experience: Preschool Development and Guidance; Marriage and
 Family Living
 Supervisory experience: Exceptional Child; Child Care Field Experience;
 Independent Studies in CDFR
- 1972-73 University Year in Action (VISTA) Volunteer
 CHILD DEVELOPMENT CENTER, United Tribes Employment Training Center
 Bismarck, ND.
 Responsibilities: Develop & implement of curriculum for children 6 months to 6
 years of age. Test & evaluate children; train childcare workers in testing &
 evaluation. Coordinate academic credit course, "The child and his life
 development" for center staff.
- 1970-72 Resident Hall Assistant
 DEPARTMENT OF RESIDENCE
 North Dakota State University, Fargo, ND

CERTIFICATIONS / TRAINING PROGRAMS

- Shared Leadership for Institutional Change--2002 Program, Kellogg Foundation, Iowa State University
- Certified Family Life Educator, National Council on Family Relations
- Certified in Family & Consumer Sciences, American Association of Family & Consumer Sciences

PUBLICATIONS

PUBLICATIONS IN PRINT

Cutrona, C. E., Russell, D. W., Abraham, W. T., Gardner, K. A., Melby, J. N., & Conger, R. D. (2003). Neighborhood context and financial strain as predictors of marital outcomes and mental health in African American couples. *Journal of Personal Relationships, 10*, 389-409.

Melby, J. N., Hoyt, W. T., & Bryant, C. M. (2003). A generalizability approach to assessing the effects of ethnicity and training on observer ratings of family interactions. *Journal of Social and Personal Relationships, 20*, 171-191.

Melby, J. N., & Conger, R. D. (2001). The Iowa Family Interaction Rating Scales: Instrument summary. In Patricia Kerig and Kristin Lindahl (Eds.), *Family observational coding systems: Resources for systematic research* (pp. 33-58). Mahwah, NJ: Erlbaum.

Melby, J.N., Conger, R.D., Rueter, M., Lucy, L., Repinski, D., Rogers, S., Rogers, B., & Scaramella, L. (2000). The Iowa Family Interaction Rating Scales [Abstract]. In John Touliatos, Barry Perlmutter, and G. Holden, *Handbook of Family Measurement Techniques, Vol. 2*. p. 57. Thousand Oaks, CA: Sage. [Instrument has been deposited with the National Auxiliary Publication Services, NAPS-4].

Hoyt, W. T. & Melby, J. N. (1999). Dependability of measurement in counseling psychology: An introduction to generalizability theory. *The Counseling Psychologist, 27*, 325-352.

Melby, J. N., Conger, K. J., & Puspitawati, H. (1999). Insider, participant observer, and outsider perspectives on adolescent sibling relationships. In F. M. Berardo (Series Ed.) & C. L. Shehan (Vol. Ed.), *Contemporary Perspectives on Family Research: Vol. 1. Through the Eyes of the Child: Re-visioning Children as Active Agents in Family Life* (pp. 329-351). Stanford, CT: JAI Press.

Melby, J. N., & Conger, R. D. (1996). Parental behaviors and adolescent academic performance: A longitudinal analysis. *Journal of Research on Adolescence, 6*, 113-137.

The Rural & Appalachian Youth & Families Consortium (Bauer, J., Bogan, S., Dyke, T., Fox, J., Ganong, L., Gavazzi, S., Hennon, C., Henry, C., Hughes, R., McKenry, P., Melby, J., Peterson, G., & Wilson, S.) (1996). Parenting practices and interventions among marginalized families in Appalachia: Building on family strengths. *Family Relations, 45*, 387-396.

Conger, R. D., Elder, G. H., Lorenz, F. O., Conger, K. J., Simons, R. L., Whitbeck, L. B., Huck, S. M., & Melby, J. N. (1995). Linking economic hardship to marital quality and instability. In Gary L. Bowen & Joe F. Pittman (Eds.), *The work and family interface: Toward a contextual effects perspective* (pp. 375-386). Minneapolis, MN: National Council on Family Relations.

Melby, J. N., Ge, X., Conger, R. D., & Warner, T. D. (1995). The importance of task in evaluating positive marital interactions. *Journal of Marriage and the Family*, *57*, 981-994.

Melby, J. N., Conger, R. ., Ge, X., & Warner, T. (1995). The use of structural equation modeling in assessing the quality of marital observations. *Journal of Family Psychology*, *9*, 280-293.

Lorenz, F. O., & Melby, J. N. (1994). Analyzing family stress and adaptation: Methods of study. In R. D. Conger and G. H. Elder (Eds.), *Families in troubled times: Adapting to change in rural America* (pp. 21-54). Hawthorne, New York: Aldine.

Simons, R. L., Whitbeck, L. B., Melby, J. N., & Wu, C. (1994). Economic pressure and harsh parenting. In R. D. Conger and G. H. Elder (Eds.), *Families in troubled times: Adapting to change in rural America* (pp. 207-222). Hawthorne, New York: Aldine.

Melby, J. N., Conger, R. D., Conger, K. J., & Lorenz, F. O. (1993). Effect of parental behavior on tobacco use by young male adolescents. *Journal of Marriage and the Family*, *55*, 439-454.

Conger, R. D., Elder, G. H., Melby, J. N., Simons, R. L., & Conger, K. J. (1991). A process model of family economic constraints and early adolescent drug use. *Journal of Early Adolescence*, *11*, 430-449.

Simons, R. L., Whitbeck, L. B., Conger, R. D., & Melby, J. N. (1991). The effect of social skills, values, peers, and depression on adolescent substance use. *Journal of Early Adolescence*, *11*, 466-481.

Conger, R. D., Elder, G. H., Lorenz, F. O., Conger, K. J., Simons, R. L., Whitbeck, L. B., Huck, S. M., & Melby, J. N. (1990). Linking economic hardship to marital quality and instability. *Journal of Marriage and the Family*, *52*, 643-656.

Simons, R. L., Whitbeck, L. B., Conger, R. D., & Melby, J. N. (1990). Husband and wife differences in determinants of parenting: A social learning/exchange model of parental behaviors. *Journal of Marriage and the Family*, *52*, 375-392.

Pease, D., Boger, R., Melby, J. N., Pfaff, J., & Wollins, L. (1989). Reliability of the Q-Sort Inventory of Parenting Behaviors. *Psychological and Educational Measurement*, *49*, 11-17.

Melby, J. N. (1988). Reflections on Phi Upsilon Omicron membership. *The Candle*, *69*, 6.

Melby, J. N., Pease, D., & Kleckner, K. (1987). The Iowa Pegboard Fine-Motor Task: Normative performance and research applications. *Perceptual and Motor Skills*, *64*, 995-1002.

REPORTS AND UNPUBLISHED MANUSCRIPTS

Choukalas, C., Melby, J. N., & Lorenz, F. O. (2000). *Technical report: Intraclass correlation procedures in SPSS*. Unpublished manuscript. Iowa State University, Institute for Social and Behavioral Research, Ames.

Melby, J. N., Conger, R. D., Book, R., Rueter, M., Lucy, L., Repinski, D., Rogers, S., Rogers, B. & Scaramella, L. (1998). *The Iowa Family Interaction Rating Scales (edition 5)*. Unpublished coding manual. Institute for Social & Behavioral Research, Iowa State University, Ames.

Conger, R. D., Melby, J. N., Ge, X., & Chao, W. (1997). *A confirmatory factor-analytic approach to the simultaneous assessment of family member and observer reports of parent-child interactions*. Unpublished manuscript. Iowa State University, Institute for Social and Behavioral Research, Ames.

Melby, J. N. (1996, May). Parent behavior and adolescent tobacco use. In *Perspectives on rural substance abuse: Summary of the National Institute on Drug Abuse Symposium on Rural Drug Abuse* (p. 36). National Institute on Drug Abuse, U.S. Dept. of Health and Human Services.

Melby, J. N., Conger, R. D., Book, R., Rueter, M., Lucy, L., Repinski, D., Ahrens, K., Black, D., Brown, D., Huck, S., Mutchler, L., Rogers, S., Ross, J., & Stavros, T. (1989-1993). *The Iowa family interaction rating scales (editions 1-4)*. Unpublished coding manual. Iowa State University, Institute for Social and Behavioral Research, Ames.

MANUSCRIPTS UNDER REVIEW

Davenport, B. R., Hegland, S., & Melby, J. N. Parent behaviors in free-play and structured interactions I relation to problem behaviors in preschool boys. Manuscript under review at *Child Development*.

Melby, J. N., Fang, S. A., Wickrama, K.A.S., Conger, K. J., & Conger, R. D. (under review). Early adolescent family experiences and educational attainment during early adulthood. Manuscript under review at *Developmental Psychology*.

MANUSCRIPTS IN PREPARATION

Melby, J. N., Bryant, C. M., Choukalas, C. G., & Brody, B. *Perspectives on African American family Processes: Comparing informant ratings with family member reports*. Manuscript under revision for journal submission.

Vargas-Chanes, D., Melby, J. N., & Conger, R. D. *Predicting patterns of adolescent tobacco use: Personal, family, and socioeconomic factors*. Manuscript in preparation.

PRESENTATIONS

PRESENTATIONS AT PROFESSIONAL MEETINGS

Melby, J. N. (Chair), Franck, K., Buehler, C., Wood, B. L., Miller, P. A., Kaplan, D. L. (2005, April). *Recent developments in cross-site applications of the Iowa Family Interaction Rating Scales*. Accepted for presentation at the biennial meetings of the Society for Research in Child Development, April 7-10, 2005, Atlanta, GA.

Fang, S. A., Bryant, C. M., & Melby, J. N. (2004, February). *Predicting the Timing of Marital Disruption of Long Term Married Couples*. Presented at the meetings of the National Council on Family Relations, Orlando, FL, November 17-20, 2004.

Lorenz, F. O., Melby, J. N. & Conger, R. D. (2004, February). *Estimating Method by Context Confound in Assessments of Marital Hostility*. Presented at the meetings of the National Council on Family Relations, Orlando, FL, November 17-20, 2004.

Melby, J. N., Fang, S. A., Wickrama, K.A.S., & Conger, K. J. (2004, March). *Psychological health as a mechanism for family influences on youth academic engagement*. Presented at the biennial meetings of the Society for Research on Adolescence, Baltimore, MD.

Pridham, K. F., Schroeder, M., Melby, J., & Brown, R. (2004, February). Family problem-solving and mothers' competence in feeding premature infants. Presented at the Midwest Nursing Research Society, St. Louis, MO.

Melby, J. N., & Fang, S. A. (2003, November). Influence of adolescent family processes on educational attainment in emerging adulthood. In J. N. Melby (chair), *Early and Mid-adolescent Family Antecedents of Educational, Relationship, and Health Outcomes during Emerging Adulthood*. Presented at the annual meetings of the National Council on Family Relations, Vancouver, BC, Canada.

Melby, J. N. (chair) (2002, April). *Cross-site application of an observational system: The Iowa Family Interaction Rating Scales*. Discussion hour presented at the biennial meetings of the Society for Research in Child Development, Tampa, FL.

Melby, J. N., Fang, S. A., & Wickrama, K.A.S. (2002, November). *The influence of family environment on adolescent school attachment and performance*. Presented at the annual conference of the National Council on Family Relations.

Melby, J. N., Fang, S. A., & Conger, K. J. (2002, April). Effects of parenting behaviors on adolescent self-concept and academic performance. In J. N. Melby (chair), *Family and Community Influences on Youth Outcomes in Education, Relationships, and Mental Health*. Symposium paper presented at the biennial meetings of the Society for Research on Adolescence, New Orleans, LA.

Lorenz, F. O. & Melby, J. N. (2001, November). *Worlds apart? Linking couples' and observer reports of hostile behavior*. Presented at the annual meeting of the National Council on Family Relations, Rochester, NY.

Melby, J. N. & Fang, S. A. (2001, November). *Precursors of self-efficacy in young adulthood*. Presented at the annual meeting of the National Council on Family Relations, Rochester, NY.

McArdle, E., Bonica, C., Powers, S., Melby, J., Waldron, H., Davis, B., & Sheeber, L. (2001, April). *Interactions of depressed and nondepressed adolescents/children and their families*. In Bonica, C. & Powers, C. (Chairs). Discussion hour presented at the biennial meetings of the Society for Research in Child Development, Minneapolis, MN.

Melby, J.N., Choukalas, C., & Bryant, C. M. (2000, November). *Perspectives on adult interactions: Does informant ethnicity matter?* Presented at the annual meetings of the National Council on Family Relations, Minneapolis, MN.

Melby, J. N. (chair), Wickrama, K. A. S., Chao, W., & Vargas-Chanes, D. (2000, November). *Approaches and extensions of growth curve modeling for analyzing longitudinal adolescent health outcomes*. Symposium accepted for presentation at the annual meetings of the National Council on Family Relations, Minneapolis, MN.

Melby, J. N. (2000, June). *Informant perspectives on relationship processes*. Presented at the Family Research Consortium III: Race and Ethnicity in America, Keystone, CO.

Melby, J. N., Fang, S. A., & Bryant, C. M. (2000, April). *Discipline in African American families: Perceptions of caregivers, youth, cultural informants, and non-cultural informants*. Presented at the biennial meetings of the Society for Research on Adolescence, Chicago, IL.

Pridham, K. F., Schroeder, J. S., Limbo, R., Melby, J., & Brown, R. (2000, April). Family problem solving competencies concerning care of a very low birth-weight infant. Presented at the 24th annual meetings of the Midwest Nursing Research Society, Dearborn, MI.

Bryant, C. M. & Melby, J. N. (1999, April). *Cultural informants in observational research on African American Families: Comparing in-group and out-group ratings*. Presented at the biennial meetings of the Society for Research in Child Development, Albuquerque, NM.

DeBaryshe, B. D. & Melby, J. N., co-chairs. (1999, April). *Issues in observational research with ethnically diverse families*. Discussion session at the biennial meetings of the Society for Research in Child Development, Albuquerque, NM.

Melby, J. N., Bryant, C. M., Choukalas, C., & Brody, G. (1999, November). *Perspectives on African American family processes: Comparing cultural and non-cultural informant ratings with family member reports*. Presented at the annual meetings of the National Council on Family Relations, Irvine, CA.

Vargas-Chanes, D., & Melby, J. N. (1999, August). *Predicting patterns of substance use among adolescents: Personal, family, and socioeconomic factors*. Presented at the annual meetings of the American Sociological Association, Chicago, IL.

Melby, J. N., Conger, R. D., Matthews, L., & Chao, W. (1998, November). Role of Adolescent Perceptions in Mediating the Influence of Observed Parenting on Adolescent Behavior. Presentation at the annual meetings of the National Council on Family Relations, Milwaukee, WI.

Melby, J. N., Bryant, C. M., & Hoyt, W. T. (1998, February). Effects of observers' ethnicity and training on ratings of African American and Caucasian parent-youth dyads. In Ana Mari Cauce (Chair), *Issues in multi-cultural / multi-ethnic observational research*. Presented at the Seventh biennial Meeting of the Society for Research on Adolescence, San Diego, CA.

Melby, J. N. & Vargas, D. (1997, November). *A hazard approach to understanding factors associated with early and late adolescent tobacco involvement*. Presented at the annual meetings of the National Council on Family Relations, Arlington, VA

Conger, R. D. & Melby, J. N. (1997, November). A confirmatory factor analytic approach to evaluating multi-informant family data. In *Changing times among rural families: Research, theory, and methodological considerations*, Martha A. Rueter, chairperson. Presented at the annual meetings of the National Council on Family Relations, Arlington, VA

Melby, J. N., Conger, K. J., & Puspitawati, H. (1997, August). *Adolescent sibling relationships: Similarities and differences in reporter perspectives*. Presented at the annual meetings of the American Sociological Association, Toronto, Ontario - Canada.

Melby, J. N. & Puspitawati, H. (1997, April). *Developmental considerations for using insider and outsider reports to assess sibling relationships*. Paper presented at the biennial meetings of the Society for Research in Child Development, Washington, D.C.

Melby, J. N. (1996, November). *Value of videotaped family interaction*. A seminar presented at the Institute for Social and Behavioral Research, Ames, IA.

Melby, J. N. & Lorenz, F. O. (1996, November). *Who best reports? A model for conceptualizing research dimensions in the study of individual behaviors and family processes*. Paper presented at the meetings of the National Council on Family Relations, Kansas City, MO.

Hoyt, D. & Melby, J. N. (1996, September). *Preliminary results of the Mississippi Delta Project*. Paper presented at the Delta and Mid-South Regional Conference on Drug Abuse surveillance and Research Development, New Orleans, LA. Forthcoming in Executive Summary Delta and Mid-South Regional Conference on Drug Abuse Surveillance and Research Development. National Institute on Drug Abuse (co-sponsored by USDA).

Melby, J. N. & Lorenz, F. O. (1996, June). *Conceptual and methodological considerations in the use of observational data to study individual behaviors and family*

processes. Paper presented at the meetings of the Family Research Consortium Summer Institute, San Diego, CA.

Melby, J. N. (1996, May). *Social causes and correlates of adolescent tobacco use*. Paper presented at the National Institute on Drug Abuse's Rural Drug Use Symposium, Ames, IA. Forthcoming in Executive Summary Rural Drug Abuse Symposium: Perspectives on Rural Substance Abuse. National Institute on Drug Abuse (co-sponsored by USDA).

Hoyt, D., Melby, J., Rueter, M., & Robertson, E.. (1996, May). *Preliminary report on the Mississippi Delta Project*. Paper presented at the National Rural Drug Abuse Symposium, Ames, IA. Forthcoming in Executive Summary Rural Drug Abuse Symposium: Perspectives on Rural Substance Abuse. National Institute on Drug Abuse (co-sponsored by USDA).

Melby, J. N., & Vargas, D. (1996, March). *Predicting patterns of adolescent tobacco use*. Paper presented at the biennial meetings of the Society for Research on Adolescence, Boston, MA.

Melby, J. N., Ge, X., Conger, R. D., & Warner, T. D. (1995, November). *Importance of task in evaluating positive marital interactions*. Paper presented at the annual meetings of the National Council on Family Relations, Portland, OR.

Melby, J. N. (1995, March). *Early family and peer predictors of later adolescent tobacco use*. Paper presented at the biennial meetings of the Society for Research in Child Development, Indianapolis, IN.

Melby, J. N., Conger, R. D., Ge, X., & Warner, T. (1994, November). *Assessing the quality of marital observations*. Paper presented at the meeting of the National Council on Family Relations, Minneapolis, MN.

Melby, J. N., & Ge, X. (1994, February). *Effects of early adolescent self-esteem on moderating the relationship between parenting and later school performance*. Paper presented at the meetings of the Society for Research on Adolescence, San Diego, CA.

Melby, J. N., Ge, X., & Conger, R. D. (1993, November). Economic pressure, parent emotional distress, and adolescent school performance: The effects of nurturant/involved parenting. In P. G. Boss (Discussant), *Stress and coping theory*. Symposium conducted at the meeting of the National Council on Family Relations, Baltimore, MD.

Melby, J. N., (1993, March). *Family context of adolescent academic competence*. Paper presented at the biennial meeting of the Society for Research in Child Development, New Orleans, LA.

Melby, J. N., Huck, S., & Rueter, M. (1992, November). *Comparison of sexually abused and nonabused women in a nonclinical sample*. Paper presented at the annual conference of the National Council on Family Relations, Orlando, FL.

Magruder, B., Lorenz, F. O., & Melby, J. N. (1992, April). *Differential schematic bias in observational data: The effects of physical attractiveness*. Paper presented at the Midwest Sociological Society Annual Meeting, Kansas City, MO.

Melby, J. N., Conger, K. J., & Simons, R. L. (1991, April). *Influence of parent and peer behavior on early adolescent tobacco use*. Paper presented at the biennial meeting of the Society for Research on Child Development, Seattle, WA.

Melby, J. N., Conger, R. D., Simons, R. L., & Conger, K. J. (1990, November). *Parenting behavior and early adolescent tobacco use*. Paper presented at the meeting of the National Council on Family Relations, Seattle, WA.

Conger, R. D., Elder, G. H., Melby, J. N., Simons, R. L., & Conger, K. J. (1990, March). *The role of parents' negative emotional response to economic constraints in early adolescent alcohol use*. Paper presented at the meeting of the Society for Research on Adolescence, Atlanta, GA.

Conger, R. D., Conger, K. J., Lorenz, F. D., Elder, G. H., Huck, S. M., & Melby, J. N. (1989, November). *Economic distress and marital quality: An illustration of method variance problems on causal modeling*. Paper presented at the meeting of the National Council on Family Relations, New Orleans, LA.

Repinski, D. J., Conger, R. D., & Melby, J. N. (1989, November). *The determinants of parenting and adolescent self-esteem: An empirical evaluation of Belsky's model*. Paper presented at the meeting of the National Council on Family Relations, New Orleans, LA.

Simons, R. L., Whitbeck, L. B., Conger, R. D., & Melby, J. N. (1989, November). *Husband and wife differences in determinants of parenting*. Paper presented at the meeting of the National Council on Family Relations, New Orleans, LA.

Book, R., & Melby, J. N. (1989, August). *Overview of the Iowa Youth and Families Project*. Iowa Vocational Home Economics Teachers Conference, Ames, IA. Aug. 16-18, 1989.

Obeid, B. J., Melby, J. N., & Pease, D. (1988, June). *Parents' child-rearing beliefs among rural families*. American Home Economics Association Annual Meeting, Baltimore, MD.

Melby, J. N., & Pease, D. (1988, April). *Mother-child problem-solving interaction*. Iowa Home Economics Association, Coralville, IA.

Pease, D., & Melby, J. N. (1988, March). *Stability of maternal and paternal perceptions of parent behaviors*. Paper presented at the meeting of the Southwest Society for Research in Child Development, New Orleans, LA.

Melby, J. N., & Pease, D. (1987, May). *Parental perceptions of rearing children in rural and urban communities*. Paper presented at the Tenth Annual Building Family Strengths Conference, Lincoln, NE.

Pease, D., & Melby, J. N. (1987, March). Reliability of the Q-Sort Inventory of Parenting Behaviors. In *Parents' perception of parenting: A longitudinal regional study of urban/rural parenting*. Symposium presented at the Third Annual National Parenting Symposium, Los Angeles, CA.

Melby, J. N., & Pease, D. (1987, April). *Parenting beliefs and residential location*. Paper presented at the meeting of the Iowa Home Economics Association, Des Moines, IA.

Melby, J. N. (1986, October). *Development of counting and addition skills in young children*. Paper presented at the meeting of the Iowa Association for the Education of Young Children, Des Moines, IA.

Melby, J. N., Pease, D., & Kleckner, K. (1986, June). *Normative performance on the Iowa Pegboard Motor Task*. Paper presented at the meeting of the American Home Economics Association Annual Meeting, Kansas City, MO.

Melby, J. N. (1986, April). *A case study in the development of an assessment device: The Iowa Pegboard Motor Test*. Paper presented at the meeting of the Midwest Graduate Student Symposium, University of Missouri-Columbia, MO.

ACCEPTED FOR PRESENTATION

Davenport, B. R., Hegland, S. M., Melby, J. N., & Murphy, M. J. (2005, October). October 20 – 23, 2005. *Parent-Child Play as Predictor of Early Problem Behaviors*. Accepted for presentation at the annual meetings of the AAMFT Annual Conference, October 20-23, 2005, Kansas City, MO.

SUBMITTED FOR PRESENTATION

Melby, J. N., Fang, S. A., Conger, R. D., & Conger, K. J. (2005, November). *Meanings of Family for Young Adult Educational Attainment*. Submitted for presentation at the annual meetings of the National Council on Family Relations, November 16-19, 2005, Phoenix, AZ.

GRANTS

SUBMITTED GRANT APPLICATION

2005-2009 Principal Instigator, *Evaluating Racial and Regional Bias in Observer Ratings*. Submitted in response to Program Announcement PA-02-072, "Methodology and Measurement in the Behavioral and Social Sciences." (National Institutes of Health, proposed \$1,990,371 direct costs).

- 2004-2005 Principal Investigator, subcontract for *Mission Possible: Kids and Parents Who Listen*; Susan K. Riesch DNSc RN FAAN, PI for grant, School of Nursing, University of Wisconsin, Madison. (National Institute of Nursing Research, \$8,775 direct costs).
- 2006-2009 Principal Investigator, subcontract on the competing continuation for *Interparental Conflict and Youth Maladjustment*; C. Buehler at University of North Carolina at Greensboro, PI for grant (NIH funding, \$33,762 direct costs).

FUNDED GRANTS

- 2004 Principal Investigator, *Body Image Coding*. Subcontracts with Leslie Simons, PI for Part-1a at University of Georgia, Athens; Ronald Simons PI for Part-1b at University of Georgia, Athens; & Ellen Granberg, PI for Part-2 at Clemson University, Athens, GA. (\$12,000 total costs).
- 2004-2007 Principal Investigator on subcontract, *Families In It Together*, Gene Brody, PI for grant entitled “Family Processes and the Development of Competence in Rural African-American Children: Single Mom’s Study,” University of Georgia, Athens. (National Institute of Child Health and Development, \$155,897 direct costs).
- 2002-2004 Principal Investigator, subcontract for *Mission Possible: Kids and Parents Who Listen*; Susan K. Riesch DNSc RN FAAN, PI for grant, School of Nursing, University of Wisconsin, Madison. (National Institute of Nursing Research, \$8,760 direct costs).
- 2001-2006 Principal Investigator, subcontract for *Interparental Conflict and Youth Maladjustment*; C. Buehler, PI for grant (NIH funding, \$49,267 direct costs).
- 1999-2003 Co-Investigator. *Critical Transitions in Rural Families at Risk*. (R. Conger, PI; R. Simons, M. Rueter, K. Wickrama, K Conger, & J. Melby, Co-Is). (NIMH funding, \$3,677,939 direct costs).
- 1997-2004 Co-principal Investigator, *Supplement to the Intergenerational Transmission of Antisocial behavior*. (With R. Conger PI & L. Scaramella Co-PI for the Subcontract; Terence P. Thornberry, PI for the grant). (NIMH funding, \$593,212 for the subcontract).
- 1994-1996 Principal Investigator, *Supplement to the Drug Abuse in Rural America* grant for use in data collection & analysis. (USDA Cooperative Agreement #58-1280-3-060; \$40,000).

1993-1996 Principal Investigator, *Drug Abuse in Rural America*, a family economics research work group supported project, Beltsville, MD. (USDA Cooperative Agreement #58-1280-3-060; \$9,000).

COMMUNITY, UNIVERSITY, AND PROFESSIONAL SERVICE

CONSULTATION

- 2005-present Consultation, Joyce Ho, *Family Talk Study*, Department of Psychiatry, The University of Chicago; part of program project collaboration with Laurie Wakschlag at the University of Illinois at Chicago.
- 2004-present Consultation & observational trainer, Bruce Compas & John Vick, Psychology and Human Development, Vanderbilt University
- 2004 Brief consultation. Joan Patterson, Family Social Science, University of Minnesota.
- 2003-present Consultant & observational trainer, Paul Miller, *Children of Unemployed Parents Project*, & Tim Ayers, *Family Bereavement Project*, Prevention Research Center, Arizona State University, Tempe.
- 2001-present Consultant & observational trainer, Marianne Celano, *Project Star*, Department of Psychiatry & Behavioral Sciences, Emory University School of Medicine, Atlanta, GA.
- 2003-present Consultant & observational trainer, Beatrice L. Wood, *ET/Family Study*, Department of Psychiatry and Pediatrics, School of Medicine and Biomedical Sciences, State University of New York at Buffalo.
- 2003 Brief consultation, Leslie Gordon Simons, Department of Child and Family Development, University of Georgia, Athens, GA.
- 2002-2003 Consultant & observational trainer, Gerri Donenberg & Molly Roebuck, *Chicago Adolescent Risk and Evaluation Study*, Institute for Juvenile Research, Department of Psychiatry University of Illinois at Chicago.
- 2001-2003t Consultant & observational trainer, Margaret Keyes, Department of Psychology, *Non-biologically Related Siblings Project*, N218 Elliott Hall, 75 E. River Road, University of Minnesota, MN.
- 2001-2002 Consultant & observational trainer, Revital Ben-Knaz, Center for Addiction and Mental Health, Child Psychiatry Program, York University, Toronto, Canada.

- 2000 Discussant & consultant, *Fathering and Family Processes Roundtable*, National Center on Fathers and Families (NCOFF), Graduate School of Education, University of Pennsylvania (October 19-20, 2000, Oakland, CA).
- 1999-present Consultant, Susan K Riesch DNSc RN FAAN, School of Nursing, University of Wisconsin-Madison.
- 1999-2000 Consultant, Martha Reuter and Sharon Danas, Department of Family Social Science, University of Minnesota, St. Paul
- 1999-2000 Consultant & observational trainer, Barbara Dausch, Department of Psychology, University of Vermont.
- 1999 Consultant & observational trainer, John Toumbourou and Ann Sanson, *Adolescent Temperament Project*, University of Melbourne, Australia
- 1998-present Consultant & observational trainer, Cheryl Buehler, *Interparental Conflict and Youth Maladjustment*, Department of Child and Family Studies, University of Tennessee, Knoxville
- 1997-1999 Consultant, Leslie Eaton & Ross Parke, *Families First Project*, Center for Family Studies, The University of California at Riverside, Riverside, CA.
- 1997 Consultant & observational trainer, Carol MacKinnon-Lewis, Social Science Research Center, University of North Carolina-Greensboro.
- 1996-present Consultant & observational trainer, Karen Pridham, School of Nursing, University of Wisconsin-Madison.
- 1996-1998 Consultant & observational trainer, Kathy Grant, Department of Psychology, DePaul University, Chicago, IL.
- 1995-present Consultant & observational trainer, Anne Whall, School of Nursing, The University of Michigan, Ann Arbor.
- 1995 Reviewer, submissions to Research & Theory Section of the National Council on Family Relations for presentation at the 1995 annual meetings.
- 1994-1995 Consortium Participant, *Rural and Appalachian Youth and their Families*. North Central Regional Consortium on Rural Development (NCRCRD).
- 1993-present Consultant, Cornelia Beck, College of Nursing, University of Arkansas for Medical Science, Little Rock.
- 1993-1995 Consultant, Cheryl Buehler, Department of Child and Family Studies, University of Tennessee, Knoxville.

1993 & 1994 Consultant, Gene Brody, Institute for Behavioral Research, University of Georgia, Athens.

MANUSCRIPT REVIEWER

Journal of Youth and Adolescence (2005)

Journal of Family Issues (2004)

Journal of Applied Developmental Psychology (2003)

Journal for Research on Adolescence (2001-present)

Journal of Family Psychology (1995, 1996, 1998).

Developmental Psychology (1996-97).

Journal of Marriage and the Family (1993-present)

GRADUATE STUDENT COMMITTEE SERVICE

2004-present Fauziah H. Jalal, Ph.D., Family and Consumer Sciences Education, Department of Apparel, Education Studies and Hospitality Management, Iowa State University..
Committee member

2002-2004 Becky Davenport, Ph.D. Department of Human Development and Family Studies-
-Marital and Family Therapy, Iowa State University. Co-major Professor.

2000-2004 Mark Becker, Ph.D. Department of Psychology, Iowa State University.
Committee member.

1997-2000 Mark Becker, M.S. Thesis, Department of Psychology, Iowa State University.
Committee member.

1996-1997 Krista Krebs, M.S. Thesis, Department of Psychology, Iowa State University.
Committee member.

1996-1997 Jennifer Miller, M.S. Thesis, Department of Psychology, Iowa State University.
Committee member.

GUEST LECTURER**Department of Human Development & Family Studies, Iowa State University, Ames, IA:**

HDFS 501 Research Methods (2003, 2004); HDFS 547 Parent-Child Relations (1991, 1992, 1994-96, 1997-98, 2000, 2002, 2004); HDFS 503 Research Methods in Human Development & Family Studies (2003); HDFS 630 Adolescent Development (1994); HDFS 603 Advanced Research Methods in Human Development (1991); HDFS 576 Marriage Across the Life Course (2001, 2003); HDFS 579 Family Interaction Dynamics (2001); HDFS 370 Communication in Human Development (2002); HDFS 616Y Young Adult and Midlife Development—Theories, Methods, and Empirical Findings (2004).

Department of Family Studies & Human Services, Kansas State University, Manhattan, KS:

Parent-Child Interaction (conference call discussion with graduate class, May 30, 2001).

Department of Sociology, Iowa State University, Ames, IA:

Soc 302 Research Methods (1997); Soc 512 Sociological Measures (2004).

Department of Psychology, Iowa State University, Ames, IA:

Psychology Graduate Student Orientation (2004)

RELEVANT COMMITTEE and ORGANIZATIONAL SERVICE

2005, January Presenter. Campus Connections for New Faculty. *Observation Unit Services at ISBR.*

2004, January Presenter. Campus Connections for New Faculty. *Observation Unit Services at ISBR.*

2003, May Presenter. First Annual Interdisciplinary Research Institute for Survey Science (IRISS) Workshop. Melby, J. N., Wickrama, K.A.S., Fang, S., Conger, K.J., & Conger, R.D. (2003, May). *Pathways of family influence on adolescent academic performance: A growth curve analysis.*

1999-2005 Phi Kappa Phi (Iowa State University, representative at large 1999-2001; publicity chairperson, 2001-2004, executive committee 2004-2005).

1997-present Reuben Hill Committee, National Council on Family Relations (member).

1996, 1998, & 2005 National Council on Family Relations (reviewer of submissions for presentation at annual meeting).

1996 The National Institute on Drug Abuse Rural Drug Abuse symposium: *Perspectives on Rural Substance Abuse.* Ames, IA (May, 1996) (local arrangements chairperson).

- 1995-96 Advisory committee member, Family Impact Seminar (coordinated by Iowa State University Extension).
- 1986-88 Iowa Home Economics Association, Family Relations and Child Development Committee (committee member).
- 1983-84 Tri-State Rural Family Conference (planning committee member)
- 1982-84 Commission on the Internationalization of Education, SDSU.
- 1983-84 Women in Development Conference Planning Committee, SDSU.
- 1982-84 Counseling, Guidance, and Personal Services Advisory Board, SDSU.
- 1982-84 Delta Kappa Gamma, Personal Growth and Development Committee
- 1981-82 Standards and Criteria for Family Life Certification, National Council on Family Relations (consultant)
- 1981 Kindergarten Screening Task Force, State of South Dakota.
- 1980-84 Pi Gamma Mu (treasurer, 1980-81; program chairperson, 1983-84)
- 1979-83 South Dakota Council on Family Relations (organization committee, 1979-80; treasurer, 1981-82; nominating committee, 1983)
- 1978-84 Brookings Women's Center (board member, 1976-80; battered women task force, 1976-79; education committee chairperson, 1978-80)
- 1978-80 Mortarboard (SDSU chapter advisor)
- 1978 East Central Association for the Education of the Young Child (chairperson for the week of the young child)
- 1977-80 Southeastern South Dakota Prenatal and Parent Education Resource Depot, State of South Dakota (steering committee member)
- 1975-84 South Dakota Home Economics Association (colleges and universities section chairperson, 1976-79; family relations and child development section chairperson, 1979-82; vice president for external affairs, 1982-84)
- 1975 78 Phi Upsilon Omicron (SDSU chapter advisor)
- 1975-80 Student Affairs Committee, SDSU (committee member; chairperson)
- 1974-78 COOP Child Care Center, Brookings, SD (board member)

SCHOLARLY PROJECTS

- 1982-84 Project Leader, *Family Day Care Home Provider Training Project*, sponsored by the South Dakota Home Economics Association. Developed, pilot-tested, and implemented a program in which Home Economists were trained to work cooperatively with local social service agencies and child care providers in facilitating programs for family day care home providers.
- 1979 Newsletter author, *Growing in God's Love*, a 4-part series for parents of young children, funded by the Lutheran Church in America, and published by Fortress Press.
- 1978-79 Consultant and synod leader, *Strengthening Families Project*, Red River Valley Synod. Sponsored by the Lutheran Church in America.
- 1978 Humanities grant co-applicant. Obtained funding (\$1,000) to sponsor a series of sessions entitled, *Battered Women Information Program*, for educators and social service providers, sponsored by the Brookings Women's Center, Brookings, SD.
- 1978 Consultant and contributor to the development of *Growing into Personhood and Parenthood*, a high school curriculum guide funded by the South Dakota Department of Vocational Education.
- 1977-79 Consultant to the Community Development Institute, Denver, CO. Assisted in Curriculum development and supervision of candidates for Child Development Associate Certification.

RELEVANT STUDENT ACTIVITIES

Graduate:

- Child Development Graduate Student Network, ISU (chairperson, 1987-88)
- Dean's Search Committee, College of Family and Consumer Sciences, ISU (graduate student representative, 1986-87)
- College of Home Economics Graduate Student Organization, NDSU (chairperson, 1973-74)

Undergraduate:

- Home Economics Student Council (senior representative, 1971-72)
- Phi Upsilon Omicron (treasurer, 1971-72)
- Guidon (1970-72)

HONORS/AWARDS

Who's Who of American Women, 2002, 2003, 2004
Who's Who in Science & Engineering, 2003, 2004
Groves Conference on Marriage and the Family, elected to membership 1999
Graduate Research Excellence Award, Iowa State University, 1988
American Home Economics Association Foundation General Fellowship, 1987-88
Phi Upsilon Omicron Founders Fellowship, 1987-88
ISU Home Economics Alumni Association Scholarship, 1987-88
Iowa Home Economics Association Scholarship, 1987-88
Helen G. Easter Scholarship, ISU, 1987-88
Bonnie Lee Parkinson Graduate Scholarship, ISU, 1985-86
PACE (Premium for Academic Excellence) Award, ISU, 1984-85
Elizabeth Beveridge Fellowship, ISU, 1984-85
Nominated to Outstanding Young Women of America, 1979, 1980
Nominated to International Who's Who in Education, 1979
Delta Kappa Gamma (Education honorary)
Kappa Omicron Nu (Family & Consumer Sciences honorary)
Phi Kappa Phi (academic honorary)
Phi Upsilon Omicron (Family & Consumer Sciences honorary)
Pi Gamma Mu (academic organization)

PROFESSIONAL MEMBERSHIPS

American Association of Family & Consumer Sciences
American Psychological Association
National Council on Family Relations (member of the Research & Theory section)
Society for Research in Child Development
Society for Research on Adolescence