

CURRICULUM VITAE

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NAME:

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University of Florida College of Medicine
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Gainesville, FL 32605-2811

EDUCATION:

B.A. (Psychology), Mary Washington College, University of Virginia, Fredericksburg, VA, 1967
M.A. (Psychology), California State University at San Jose, CA, 1973
Ph.D. (Developmental Psychology), University of Florida, Gainesville, FL, 1979

LICENSURE:

Psychologist, Florida Department Professional Regulation, Board of Psychological Examiners, (PY003188), January, 1983-present

APPOINTMENTS:

Social Work Trainee, Bon Air School for Girls, VA Dept. Welfare & Institutions, Richmond, VA, Summer, 1966
Assistant to President's Assistant, VA Commonwealth University, Richmond, VA, Summer, 1967
Statistics Tutor, Department of Psychology, California State University, San Jose, CA, 1/68-6/68
Student Associate, Human Factors, System Development Area, IBM, Inc., San Jose, CA, Summer, 1968
Teaching Assistant, Advanced Statistics, California State University, San Jose, CA, 6/68-6/69
Research Assistant in preparation of E.W. Minium's Statistical Analysis, John Wiley & Sons, Palo Alto, CA, Summer, 1969
Statistical Analyst, California State University, San Jose, CA, 11/69-1/70
Research Assistant, Department of Pediatrics, University of Florida, 9/78-6/79
Adjunct Assistant in Pediatrics, University of Florida, 1979
Adjunct Assistant Professor, Department of Psychology, University of Florida, 1979
Instructor in Psychology, Prince George's Community College, Largo, MD, 9/73-5/74
Teaching Assistant, Department of Psychology, University of Florida, 9/75-9/78
Research Psychologist, Clinical Infant Development Program, NIMH, MD, 1980-1981
Assistant in Pediatrics, University of Florida, 1979-1982
Associate in Pediatrics, University of Florida, 1982-1983
Chief of Staff Clinical Appointment, Shands at UF, 1983-2011
Assistant Professor, Department of Pediatrics, University of Florida, 1983-1992
FL Department of Health, Children's Medical Services, Early Steps, Gainesville Service Area Associate Director, 1983-1988; Director 1988-2011
Affiliate Assistant, Associate and Professor, Department of Psychology, University of Florida, 1983-2011
UF Graduate Studies Faculty, 1984-2011
Tenure, University of Florida, awarded 1989
Associate Professor, Department of Pediatrics, University of Florida, 1992-1999
Professor, Department of Pediatrics, University of Florida, 1999-2011
University of Florida Research Foundation Professorship, 2006-2009

**UNIVERSITY
GOVERNANCE
AND SERVICE:**

Division of Neonatology Faculty Liaison to Parent Support Group, 1983-1993; Faculty Consultant to Shands at UF Volunteer Cuddler Program
Chief of Staff Appointment to Neonatal Ethics Advisory Committee, 1984-2011
University of Florida Association for Academic Women, 1984-present; Membership Committee, 1990-1991; Program Committee, 1994-1995; Selection Committee for Madelyn Lockhart Fellowship, 2015; 2016
Institute for Child Health Policy, State University System, Faculty Search Committee, 1989-1990
University of Florida in Jacksonville, FL, Faculty Search Committee, 1990
Infant Plus Grant awarded by OSERS to Department of Special Education, UF College of Education, Advisory Board, 1990-1992
Training Grant (TOPSEI) awarded to UF College of Health Related Professions, Department of Occupational Therapy by Florida Department of Education and Florida Developmental Disabilities Planning Council, Advisory Board Member, 1990-1993
Advisory Committee of Prevention, Etc., grant awarded to Department of Social Work Services, Shands Hospital by the Office of Substance Abuse Prevention, 1990-1994
Provost Appointment to University of Florida Status of Women Committee, 1992-1994
College of Medicine Women Faculty Association, 1992-2000; Liaison to Status of Women Committee, 1992-1994; Salary Equity Committee Chair, 1995-1998
UF Division of Sponsored Research, Biostatistics Review Panel, 1994
College of Medicine Representative, University Faculty Senate, 1994-1996; 2002-2004
College of Medicine Clinical Research Award Selection Committee, 1995, 2004
University of Florida Brain Institute Affiliate Faculty, 1996-present
College of Medicine Medical Student Selection Committee, 1997-2000
Department of Pediatrics Review of Compensation Plan Committee, 1998
College of Medicine Compensation Plan Committee, 1999
University of Florida Department of Pediatrics Translational Research Committee, 2003
University of Florida Provost and Senate President's Task Force on Quality of Life for Faculty, 2003
College of Medicine Basic Science Research Award Selection Committee, 2004
College of Medicine Research Day Judge, 2004
Health Science Center Sexual Harassment Committee, 2004
UF Women's Leadership Council Mentoring Program for Undergraduates, 2004-
UF President Appointment to Search Committee for Vice-President for Human Resources, 2004-2005
College of Medicine Faculty Council Executive Committee, 2004-2007: President-Elect, 2004-2004; President, 2005-2006; Past President, 2006-2007
College of Medicine Dean's Executive Committee and Faculty Group Practice Board, 2005-2006
College of Medicine Shared Governance Constitution Committee, 2006-2007
College of Medicine Dean Search Committee, 2006-2007
College of Medicine, Department of Pediatrics Mentor for Young Faculty, 2007-present
College of Medicine Grievance Committee, 2007
College of Medicine Compensation Committee, Co-Chair, 2008-2010
College of Medicine, Department of Pediatrics, Faculty Development Committee for Strategic Planning, Co-Chair, 2009-2010
UF Center for Excellence in Early Childhood Studies, Steering Committee, 2011-present

AWARDS/HONORS: Sigma Omega Chi, Sociology Honor Society, Mary Washington College, 1966
Psi Chi, National Honor Society in Psychology, 1966
Mortar Board, National Honor Society, 1966
Who's Who in American Colleges and Universities, 1967
Recipient "Mailman Fellow" Scholarship to "Infants and Parents. . ." course,
Child Development Unit, Children's Hospital, Harvard Medical School, 1986
Top 100 Funded Researchers, University of Florida, 1992, 1993
University of Florida Research Award Achievement, 1995
Who's Who in the World, 1995, 1998, 2002
College of Medicine Dean Selected Attendee, AAMC Professional Development
Seminar for Senior Women in Medicine, 1998
Who's Who in Medicine and Healthcare, 2000
Who's Who in Science and Engineering, 2000
Elected to membership in the American Pediatric Society, 2004
"Woman of Distinction" awarded by UF Association of Academic Women, 2005
"Distinguished Psychologist" awarded by North Central Florida Psychological
Association, 2006
College of Medicine Research Day Poster-Clinical Research Award, 2006
University of Florida Research Foundation Professorship Award, 2006-2009
UF Post-Professor Award for Sustained Academic Excellence, 2007
Professor Emerita, Department of Pediatrics, University of Florida, 2012

SOCIETY

MEMBERSHIPS:

Society for Research in Child Development, 1978-2011
American Psychological Association, Developmental Psychology, 1981-present
Florida Psychological Association, 1985-present
International Society for Infant Studies, 1989-2006
Southern Society for Pediatric Research, 1989-2008
Florida Consortium of Newborn Intervention Programs, Board Member, 1990-1994
Florida Center for Pediatric Psychological and Family Studies, 1992-2008
National Academy of Neuropsychology Affiliate, 1994-1996
American Pediatric Society, 2004-present
Society for Research in Adolescence, 2006-2010

ACTIVITIES IN

THE PROFESSION:

Consultation to provide staff in-services on developmental intervention strategies for
the Early Intervention Center, Association for Retarded Citizens, Gainesville,
FL, 1984-1985
Advisory panel for Functional Rating Scale Development Project, Florida DHRS,
Children's Medical Services, 1987
Presentation on Status of Research on Prenatal Cocaine Exposure to the Second
Annual Legislative Retreat, Institute for Child Health Policy, Tampa, FL, 1987
Visiting Consultant on Newborn Assessment/Intervention for the Developmental
Evaluation/Intervention Program at Sacred Heart Hospital, Pensacola, FL, 1988
Substance Abuse and Newborns Coalition, Florida DHRS, Alcohol and Drug Abuse
Program, 1988
State of Florida Governor's Drug Policy Task Force, Drug-Exposed
Infants/Families Committee, 1989-1990
Presentation on Substance-Exposed Newborns to President-Elect, American
Academy of Pediatrics, Institute for Child Health Policy, March, 1989
Panel to develop Standards for Community-based Services for Children with
Complex Medical Problems, Florida DHRS, Children's Medical Services, 1989

Discipline Expert on Design-Monitor Team for Florida Department of Education
Early Intervention Competency Requirements Project, 1989

Presentations on Outcome of High Risk Neonates to U.S. Congressman (Bill Grant)
on tour of the College of Medicine, March, 1990

Advisory Member Florida District Major Emphasis Program, Kiwanis International
Year of the Child, 1990

Consultant Team for the Florida Taxwatch, Inc., State of Florida,
Cost/Implementation Study for Part H of Public Law 99-457, 1990

Advisory Member, Continuum of Care Development Workshops, Florida DHRS,
Children's Medical Services, 1990

Advisory Team on Development of Risk Criteria for Governor's Healthy Start
Program, 1991-1993

Community leader participant in forum on Prevention/Early Intervention to Insure
Child Health and Development. Response to Florida Governor Chiles.
Televised live on TV 20's Question of Health, January 16, 1992

Panel Expert on Teleconference: Picture in My Mind: Substance Abuse and Its
Relationship to Child Abuse, Operation PAR, Inc. (NCCAN grant), 1993

Workgroup member on Program for Prevention of Infant Mortality led by Florida's
Deputy Secretary for Health and State Health Officer (Charles Mahan, M.D.),
February, 1994

Early Intervention Task Force on Implementation of Part H of PL99-459, Florida
DHRS, Children's Medical Services, 1995

Presentation on Implementation of Part H of PL99-457 for Health Committee of
HRS District 3 Health and Human Services Board, Gainesville, FL,
February, 1995

Alternative Service Network Executive Policy Committee Florida DOH, Children's
Medical Services, 1996

Planning Group and Early Intervention Program Director's Representative to
Stakeholders Workgroup, Florida DOH, Children's Medical Services,
1996-1998; 2003

Workshop presentation for Community Education Series sponsored by the North
Central Florida Chapter of the Florida Psychological Association, Gainesville,
FL, 1997, 2001

Early Intervention Services Guidelines, Florida DOH, Children's Medical Services
Advisory Board Member; Panel Director, 1998-1999

Early Intervention Program Compliance Workgroup, Florida DOH, Children's Medical
Services, 1998-2001

Voting Member Early Intervention Program's Regional Policy Council, Gainesville
Service Area, By-Laws, Budget and Community Plan Committees,
1998-2003

Early Intervention Program State Steering Committee for Federal Office of Special
Education Monitoring, 1999-2002

Participated in Amicus Brief that was presented to the United States Supreme Court in
the case of Ferguson v. City of Charleston, 2001

NIH-NIDA Mentor at Society for Research in Child Development Biennial Meeting,
April, 2001

Delegate from Florida to the Second National Early Childhood Inclusion Institute,
University of North Carolina, Chapel Hill, August, 2001

FL Department of Health, FICCIT Early Intervention Program Work Group to develop
certification criteria for Early Intervention Providers, 2002-2003

North Central Florida Chapter of Florida Psychological Association, Executive Board,
2002-2004

March of Dimes, FL Advisory Board, 2002
FL Department of Health, Children's Medical Services, Search Committee for Bureau
Chief of Early Intervention Unit, 2004
Mentor for NIH Loan Repayment Program for Dr. T.D. Warner, 2004-2007
FL Department of Health, Children's Medical Services, Early Steps Implementation
Workgroup Subcommittees: Training, 2007; Developmental Evaluation and
Intervention, 2007

REVIEW
ACTIVITIES:

New Acquisition Reviewer for Noyes Children's Library, Garrett Park, MD, 1973
Abstract Reviewer for Social Policy Section of International Conference on Infant
Studies, 1990
Abstract Reviewer for Developmental Psychology Division of American Psychological
Association's Annual Meeting, 1991
NIH Grant Reviewer on Special Study Sections: (NIDA and/or NICHD), September,
1991; February, 1992; March, 1992; May, 1992; May 1997; July, 1997; January,
2000; October, 2000; November, 2000; June, 2001; December, 2001; October,
2002; April, 2003; July, 2003 (Chair of NIH Special Emphasis Panel); March, 2004
(LRP); November, 2004; April, 2005; November, 2005; January, 2006; March,
2006; November, 2006; July, 2007; 2008; June, 2009 (ARRA Challenge Grant
Applications)
Grant Reviewer for Neurologic Foundation of New Zealand, October, 2003
Manuscript Reviewer:
Pediatrics, 1992-1994, 1996-2004
Journal of the International Neuropsychological Society, 1995
Psychology, Public Policy and Law, 1995
Early Human Development, 1998, 1999
Journal of the American Medical Association, 1998, 1999, 2001
Infant Mental Health Journal, 1999
Obstetrics and Gynecology, 1999, 2000, 2001
Journal of Developmental and Behavioral Pediatrics, 2001, 2002
Neurotoxicology and Teratology, 2001, 2002, 2006, 2008, 2009
Archives of Diseases in Childhood, 2002
Pediatric and Addictive Medicine, 2004, 2005
Developmental Psychology, 2004, 2005
Archives of Pediatric and Adolescent Medicine, 2005
Book Reviewer for Cover comments for Singer LT and Zeskind, SP (Eds),
Biobehavioral Assessment of the Newborn and Young Infant, Guilford
Publications, 2001.

SERVICE TO
SCHOOLS:

Guest Lectures to Eastside High School, Psychology Classes, 1985, 1991
Judge for Westwood Middle School Science Fair, 1987
Judge for Eastside High School Science Fair, 1989
Member, Eastside High School Academic Boosters, 1988-1992
Member, Eastside High School Soccer Boosters, 1988-1992
President, Eastside High School Soccer Boosters, 1990-1991
Proctor for Eastside High School International Baccalaureate Exams, 1990
Identification and Treatment of Substance-Exposed Children. Invited talk at
Hamilton County School Teachers In-service. Jennings, FL, May, 1995
Developmental Outcome of Cocaine-Exposed Infants and Family Issues. Invited
talk at A. Quinn Jones School Teachers In-service. Gainesville, FL, August,
1996

**SERVICE TO
COMMUNITY:**

Orientation Counselor, Mary Washington College (MWC), 1964
Board of National Missions, Presbyterian Church, Work Project Participant,
San Francisco, CA, 1965
Dormitory Counselor, MWC, 1965-1966
President, Honor Council, MWC, 1966-1967
State Moderator, Presbyterian Westminster Fellowship, 1966-1967
Nursing Mothers Counselor, Bay Area, CA, 1970-1972
Parent Participant, Cooperative Nursery School, Garrett Park, MD, and Gainesville, FL,
1973-1974
President, Graduate Student Union Chapter of United Faculty of Florida, 1976-1977
President, Graduate Assistants-United Bargaining Council of United Faculty of Florida,
1979
Biannual Workshops on "Developmental Concerns for Young People in Sports" for
Youth Soccer, Inc., Gainesville, FL, 1982-1984
United Church of Gainesville Board of Parish Ministry, 1986-1988; Board of Adult
Ministry 1988-1990, Chair, 1990; Board Youth Ministry, 1991-1992; Church
Moderator, 1992-1993; Congregation-Minister-Review Committee, 1993-1995;
Board of Business, 1995-1997; Council Member-at-Large, 1998-1999; Board of
Outreach, 1999-2000; Board of Membership, 2001-2002; Retreat Committee, 2003-
2004; Chair, 50th Anniversary Celebration, 2015; Kairos Committee, 2004-present
March of Dimes State Advisory Board, Conference Facilitator, Walk Participant, 2002,
2003; Mother's March, 2005, 2006
Alzheimer's Association: Team Captain, Memory Walk, 2002-2003
Board Member Lekotek (non-profit distributor of learning materials and instruction for
children with developmental disabilities), 2003
Organizing for America: Local Team Leader in Presidential Campaigns, 2008, 2012
Facilitator of Alzheimer Association Caregiver Support Group, 2010-present

**SCHOLARSHIPS,
CONTRACTS &
GRANTS:**

National Institute of Mental Health, Professional Services Contract, Conference
Award, 1981
Division of Sponsored Research-Graduate Research Assistantship Program,
Principal Investigator, \$4,780.32, 1985
Training Grant for HRS Developmental Services (DS) Human Service Workers, 1987
FL DHRS-DS-District III-Prevention/Intervention for High Risk Infants Contract,
Principal Investigator, (92-93 grant - \$91,095), 1988-1993
DOH Children's Medical Services' Early Steps (Formally DHRS-CMS Regional
Perinatal Intensive Care Program, Developmental Evaluation Intervention
Component) Contract, Principal Investigator, (07-08 grant ~ \$2 million), renewed
yearly 7-1 to 6-30, 1988-present
Division of Sponsored Research Awards-Travel Award, 1989
Division of Sponsored Research-Graduate Research Assistantship Program,
Co-Principal Investigator, \$4,731.86, 1990
Self-Regulatory Newborn Care and Extrauterine Adaptation. NIH grant R01NR02444,
Co-Investigator, funded 2/1/91 through 1/31/95 (total direct funding \$756,673);
20% funded effort
Project CARE, NIH NIDA 1R01DA05854 grant, Principal Investigator, funded 2/1/91
through 1/31/96 (total direct funding \$1,774,981); 50% funded effort
Division of Sponsored Research-Graduate Research Assistantship Program,
Co-Principal Investigator, \$6,002.49, 1992
Evaluation of Services Grant Program for Residential Treatment Program for Pregnant
and Postpartum Women, Their Infants and Siblings. Co-Investigator, CSAT grant

funded 9/30/93 through 9/29/98 (total direct funding \$740,843.30); 20% funded effort

Project CARE, Children's Miracle Network Telethon, Co-Principal Investigator, funded 1/1/94 through 12/31/94 (total funding \$17,600)

Fetal Cocaine Metabolism and Immunopharmacologic Effects. NIH grant 1R01 DA08926, Co-Investigator, funded 9/1/94 through 8/31/95 (total direct funding \$212,324); 20% funded effort

Division of Sponsored Research-Graduate Research Assistantship Program, Co-Principal Investigator, \$6,128.53, 1995

Project CARE, NIH NIDA 2R01DA05854 competitive renewal grant, Principal Investigator, funded 9/25/96 through 8/31/01 (total direct funding \$2,764,637); 50% funded effort

Project CARE, NIH NIDA 2R01DA05854 Minority Graduate Student Investigator Research Supplement, Principal Investigator, funded 7/20/00 through 7/31/01 (total direct funding \$27,850)

Project CARE, NIH NIDA 2R01DA05854 Long-term Minority Investigator Research Supplement, Principal Investigator, funded 8/29/00 through 7/31/01 (total direct funding \$111,021)

Project CARE, NIH NIDA 2R01DA05854 Neuroimaging Administrative Supplement, Principal Investigator, funded 9/25/00 through 2/28/08 (total direct funding \$222,678)

Project CARE, NIH NIDA 3R0 DA05854 competitive renewal grant, Principal Investigator, funded 3/01/02 through 2/28/08 (total direct funding \$3,515,777); 70% funded effort

Training in Treatment Outcome Research with Child Populations, NIH NICHD T32HD007524, Core Training Faculty, PI: S. Boggs, funded 5/01/03-4/3/08 (total direct funding \$880,000 for five 3-year pre-doctoral fellows and three 2-year post-doctoral fellows)

Drug Involvement of Prenatally Exposed Children, NIH NIDA K01DA016720, Consultant, PI: V. Accornera, 9/01/03-6/30/08

Project CARE: Brain Development and Behavior in Adolescents, University of Florida, Opportunity Incentive Seed Fund, Co-Principal Investigator, PI: T. Warner, 7/01/07-7/31/08; Principal Investigator, 8/01/09-10/01/09 (total direct funding \$83,276)

Project CARE, NIH NIDA 3R01DA05854 Cohort Maintenance Administrative Supplement, Principal Investigator, funded 10/01/07-2/28/08 (total direct funding \$53,814)

Early Steps Primary Service Provider Project, Florida Agency for Health Care Administration Center for Early Intervention and Prevention, Florida State University, Principal Investigator, 05/01/09-12/31/09 (total funding \$37,312)

Brain Development, Behavior and Cognition in Pre- and Postnatal Cocaine Exposure, NIH NIDA R21DA027561, Site Co-Principal Investigator, PI: T. Warner, 9/15/09-9/14/13 (total direct funding \$934,862)

PUBLICATIONS (*Mentoring Author)

BOOKS

Contributor of Chapters

1. Eyler FD: Developmental assessment and care of the infant with respiratory problems. In: Eitzman DV, Koff PB, Kopotic R, Neu J (eds). Neonatal and Pediatric Respiratory Care. Annapolis, MD: C.V. Mosby, pp. 356-375, 1988.

2. Eyler FD: Developmental outcomes. In: Koff PB, Eitzman DV, Neu J (Eds). Neonatal and Pediatric Respiratory Care. St. Louis, MO: C.V. Mosby, pp. 440-501, 1993.
3. Woods NS, Behnke M, Eyler FD, Conlon M, Wobie K: Cocaine use among pregnant women: Socioeconomic, obstetrical, and psychological issues. In: Lewis M, Bendersky M (Eds). Mothers, Babies, and Cocaine: The Role of Toxins in Development. Hillsdale, NJ: Lawrence Erlbaum Associates, Inc., pp. 305-332, 1995.
4. Eyler FD: Certain conditions originating in the perinatal period. In: Johnson SB, Perry NW, & Rozensky RH (Eds). Behavioral Applications to Medical Disorders. Volume 1 of the Handbook of Clinical Health Psychology, Boll TJ (ed). Washington, DC: American Psychological Association, pp. 483-531, 2002.

REFEREED PUBLICATIONS

Articles

1. Hofheimer JA, Poisson SS, Strauss ME, Eyler FD, Greenspan SI: Perinatal and behavioral characteristics of neonates born to multirisk families. J Dev Behav Pediatr 4:163-170, 1983
2. Resnick MB, Eyler FD, Nelson RM, Eitzman DV, Bucciarelli RL: Developmental intervention for low-birthweight infants: Improved early developmental outcome. Pediatrics 80:68-74, 1987
3. Behnke M, Carter RL, Hardt NS, Eyler FD, Cruz A, Resnick MB: The relationship of Apgar scores, gestational age, and birthweight to survival of low-birthweight infants. Am J Perinatol 4:121-124, 1987
4. Resnick MB, Reiss J, Eyler FD, Schauble P: Children's Developmental Services: A multidisciplinary program of psychological and educational services for neonatal intensive care. Journal of Counseling and Development 66:279-282, 1988
5. Behnke M, Eyler FD, Carter RL, Hardt NS, Cruz A, Resnick MB: Predictive value of Apgar scores for developmental outcome in premature infants. Am J Perinatol 6:18-21, 1989
6. Eyler FD, Courtway-Meyers C, Edens MJ, Hellrung DJ, Nelson RM, Eitzman DV, Resnick MB: Effects of developmental intervention on heart rate and transcutaneous oxygen levels in low birthweight infants. Neonatal Network 8:17-23, 1989
- *7. Adams C, Eyler FD, Behnke M: Nursing intervention with mothers who are substance abusers. J Perinatal Neonatal Nurs 3:43-52, 1990
8. Edens MJ, Eyler FD, Wagner JT, Eitzman DV: Neonatal ethics: Development of a consultative group. Pediatrics 86:944-949, 1990
9. Eyler FD, Delgado-Hachey M, Woods NS, Carter RL: Quantification of the Dubowitz Neurological Assessment of preterm neonates: Developmental outcome. Infant Behav Dev 14:451-469, 1991
- *10. Woods NS, Eyler FD, Behnke M, Conlon M: Cocaine use during pregnancy: Maternal depressive symptoms and infant neurobehavior over the first month. Infant Behav Dev 16:83-98, 1993

11. Behnke M, Eyler FD, Conlon M, Woods NS, Thomas V: The relationship between umbilical cord and infant blood gases and developmental outcome in very low birthweight infants. Clin Obstet Gynecol 36:73-81, 1993
12. Behnke M, Eyler FD: The consequences of prenatal substance abuse for the developing fetus, newborn, and young child. Internat J Addict 28:1341-1391, 1993
13. Lombardero N, Casanova OQ, Behnke M, Eyler FD, Bertholf RL: Measurement of cocaine and metabolites in urine, meconium, and diapers by gas chromatography/mass spectrometry. Ann Clin Lab Sci 23:385-394, 1993
14. Eyler FD, Behnke M, Conlon M, Woods NS, Frentzen B: Prenatal cocaine use: A comparison of neonates matched on maternal risk factors. Neurotoxicol Teratol 16:81-87, 1994
15. Behnke M, Eyler FD: Issues in prenatal cocaine use research: Problems in identifying users and choosing an appropriate comparison group. Inf Mental Health J 15:146-157, 1994
16. Casanova OQ, Lombardero N, Behnke M, Eyler FD, Conlon M, Bertholf RL: Detection of cocaine exposure in the neonate: Analyses of urine, meconium, and amniotic fluid from mothers and infants exposed to cocaine. Arch Pathol Lab Med 118:988-993, 1994
17. Behnke M, Eyler FD, Conlon M, Woods NS, Casanova OQ: Multiple risk factors do not identify cocaine use in rural obstetrical patients. Neurotoxicol Teratol 16:479-484, 1994
18. Eyler FD, Behnke M: Prenatal cocaine exposure: Consequences for child and family. J FL Med Assoc 82:603-606, 1995
19. Behnke M, Eyler FD, Conlon M, Casanova OQ, Woods NS: How fetal cocaine exposure increases neonatal hospital costs. Pediatrics 99:204-208, 1997
20. Winecker RE, Goldberger BA, Tebbett IR, Behnke M, Eyler FD, Wobie K, Karlix J, Conlon M, Bertholf R: Detection of cocaine and its metabolites in amniotic fluid and umbilical cord tissue. J Analyt Toxicol 21:97-104, 1997
21. Behnke M, Eyler FD, Woods NS, Wobie K, Conlon M: Rural pregnant cocaine users: An in-depth sociodemographic comparison. J Drug Issues 27:501-524, 1997
- *22. Wobie K, Eyler FD, Conlon M, Clarke L, Behnke M: Women and children in residential treatment: Outcomes for mothers and their infants. J Drug Issues 27:585-606, 1997
- *23. Wobie K, Eyler FD, Behnke M, Conlon M: Symbolic expression of feelings and depressive symptoms in high-risk mothers. J Fl Med Assoc 84:384-390, 1997
24. Eyler FD, Behnke M, Conlon M, Woods NS, Wobie K: Part I: Birth outcome from a prospective matched study of prenatal crack/cocaine use: Interactive and dose effects on health and growth. Pediatrics 101:229-237, 1998
25. Eyler FD, Behnke M, Conlon M, Woods NS, Wobie K: Part II: Birth outcome from a prospective matched study of prenatal crack/cocaine use: Interactive and dose effects on neurobehavioral assessment. Pediatrics 101:237-241, 1998

26. Behnke M, Eyler FD, Conlon M, Wobie K, Woods NS, Cumming W: Incidence and description of structural brain abnormalities in cocaine-exposed newborns. J Pediatr 132:291-294, 1998
- *27. Woods NS, Eyler FD, Conlon M, Behnke M, Wobie K: Pygmalion in the cradle: Observer bias against cocaine-exposed infants. J Dev Behav Pediatr 19:283-285, 1998.
28. Karlix JL, Behnke M, Eyler FD, Wobie K, Adams V, Freiburger B, Conlon M, Tebbett IR: Perinatal cocaine suppresses the fetal immune system. Pediatr Res 44:43-46, 1998
29. Behnke M, Eyler FD, Garvan CW, Tenholder M, Wobie K, Woods NS, Conlon M, Cumming W: Cranial ultrasound abnormalities identified at birth: Their relationship to perinatal risk and neurobehavioral outcome. Pediatrics 103:e4 1, 1-6, 1999
30. Eyler FD, Behnke M, Woods NS, Wobie K: Examiner masking in research on the effects of prenatal cocaine exposure. J Drug Issues 29:215-224, 1999
31. Eyler FD, Behnke M: Early outcome of infants exposed to drugs prenatally. Clinics in Perinatology 26:107-150, 1999
32. Behnke M, Eyler FD, Garvan CW, Wobie K: The search for congenital malformations in newborns with fetal cocaine exposure. Pediatrics 107:e74, 1-6, 2001
33. Winecker RE, Goldberger BA, Tebbett IR, Behnke M, Eyler FD, Karlix JL, Wobie K, Conlon M, Phillips D, Bertholf R: Detection of cocaine and its metabolites in breast milk. J Forensic Sci 46:1221-1223, 2001
34. Eyler FD, Behnke M, Garvan CW, Woods NS, Wobie K, Conlon M: Neonatal evaluations of toxicity and withdrawal related to prenatal cocaine exposure. Neurotoxicol Teratol 23:399-411, 2001
35. Behnke M, Eyler FD, Garvan CW, Wobie K, Hou W: Cocaine exposure and developmental outcome from birth to six months. Neurotoxicol Teratol 24: 283-295, 2002
36. Wobie K, Eyler FD, Garvan CW, Hou W, Behnke M: Prenatal cocaine exposure: An examination of mother-infant separation during the first year of life. J Drug Issues 34: 77-94, 2004
37. Hou W, Wang Z, Garvan CW, Behnke M, Eyler FD, Wu R: A generalized model for detecting genetic determinants underlying longitudinal traits with unequally spaced measurements and time-dependent correlated errors. Biostatistics 6: 420-433, 2005
38. Eyler FD, Behnke M, Garvan CW, Wobie K, Tebbett I: Relative ability of biologic specimens and interviews to detect prenatal cocaine use. Neurotoxicol Teratol 27: 677-687, 2005
39. Behnke M, Eyler FD, Warner TD, Garvan CW, Hou W, Wobie K: Outcome from a prospective, longitudinal study of prenatal cocaine use: Psychomotor development at three years of age. J Pediatr Psychol 31: 1-9, 2006
40. Behnke M, Eyler FD, Blackband SJ, Garvan CW, Leonard CM, Schmalfluss IM, Warner TD, Padgett KR: Neuroimaging in prenatally cocaine-exposed children. Neurotoxicol Teratol 28: 389-390, 2006
41. Warner TD, Behnke M, Eyler FD, Garvan CW, Hou W, Wobie K: Predicting behavior problems at three years in children with prenatal cocaine exposure: Structural equation modeling with a prospectively enrolled sample. J Behav Dev Pediatr 27: 83-92, 2006

42. Hou W, Garvan CW, Littell RC, Behnke M, Eyler FD, Wu R: A framework to monitor environment-induced major genes for developmental trajectories: Implications for a prenatal cocaine exposure study. Statistics in Medicine 25: 4020-4035, 2006
43. Warner TD, Behnke M, Eyler FD, Padgett KR, Hou W, Garvan CW, Leonard CM, Schmalfuss IM: Diffusion tensor imaging of frontal white matter and executive functioning in cocaine-exposed children. Pediatrics 118:2014-2024, 2006
44. Eyler FD, Warner TD, Behnke M, Hou W, Wobie K, Garvan CW: Executive functioning at ages 5 and 7 in children with prenatal cocaine exposure. Dev Neurosci 31:121-136, 2009
45. Warner TD, Behnke M, Eyler FD, Szabo N; Pre-adolescent cocaine use as determined by hair analysis in a prenatal cocaine exposure cohort. Neurotoxicol Teratol. 33(1): 88-99, 2011
46. Roussotte, F. Soderberg L. Warner, T. Narr, K. Lebel, C, Behnke, M, Eyler, FD, & Sowell, E. Adolescents with prenatal cocaine exposure show subtle alterations in striatal surface morphology and frontal cortical volumes. J Neurodev Disord. 4(33): 1-10 2013
[doi:10.1186/1866-1955-4-22](https://doi.org/10.1186/1866-1955-4-22) (PMID: 22958316)
47. Lebel, C., Warner, T., Colby, J., Soderberg, L., Roussotte, F., Behnke, M., Eyler, F. D., & Sowell, E. R. White matter microstructure abnormalities and executive function in adolescents with prenatal cocaine exposure. Psychiatry Research: Neuroimaging, 213(2): 161-168. 2013
doi.org/10.1016/j.psychresns.2013.04.002 (PMID:23769420)

Invited Technical Reports

1. Eyler FD: Intervention with developmentally at-risk or delayed infants and their families: A guide for professionals. A training manual prepared for Developmental Services, HRS District III, State of Florida, January, 1-33, 1988.
2. Committee Member/Contributor: Toward a drug-free Florida: Report of the Drug-Exposed Infants/Families Committee, Governor's Drug Policy Task Force, Executive Office of the Governor, December, 1990.
3. Eyler FD, Maag L: The developmental outcome of children exposed prenatally to cocaine. Literature Review for Children's Medical Services Service Guidelines Panel.

Invited Articles

1. Cohen EA, Lidsky K, Eyler FD, Resnick MB: Considerations during intervention with premature infants. Newsletter, Am. O.T. Assoc., 6:1-2, 1983
2. Eyler FD: Effects of cocaine use on the fetus and mother. Intensive Caring Unlimited Newsletter 8(4): July/August 1990
3. Wobie K, Eyler FD, Behnke M, Conlon M, Woods NS: Symbolic expression of feelings and depressive symptoms in high-risk mothers. Florida Consortium of Newborn Intervention Programs Newsletter 6(3):7, 1993
4. Mehn M, Kazimour K, Eyler FD: A call to reinstate Florida's recently disenfranchised providers of early intervention services. Florida Consortium of Newborn Intervention Programs Newsletter 8(1):4-6, 1995

5. Behnke M, Eyler FD: Substance exposed infants. NAPSW Forum 24 (2): 8-11, 2004

Presented/Published Abstracts

(All of the following abstracts were peer reviewed, accepted for presentation, presented, and published in special journal editions or conference proceedings.)

1. Eyler FD: Assessment and intervention with mothers and their premature newborns. Conference Proceedings. Biennial Meeting, Society for Research in Child Development, San Francisco, CA, March 1979, 65A.
2. Eyler FD, Meyers C, Hellrung DJ, Resnick MB, Nelson RM, Eitzman DV: Developmental intervention effects on TCPO₂ and heart rate in low birthweight infants. Pediatr Res 15(4):447A, #48, 1981.
3. Resnick MB, Eyler FD, Nelson RM, Eitzman DV: Developmental intervention for low birthweight infants: Impact on early development. Pediatr Res 17(4):102A, #94, 1983.
4. Hardt N, Behnke M, Eyler FD, Resnick MB, Cruz A: Apgar score and development at one year: Lack of association in 151 very low birthweight infants (VLBWI). Society of Perinatal Obstetricians, 1983.
5. Eyler FD, Delgado-Hachey M, Carter RL: Developmental assessment of preterm neonates: An update. Conference Proceedings. Biennial Meeting, Society for Research in Child Development, Toronto, Canada, April 1985, 99A.
6. Eyler FD, Carter RL, Resnick MB: Dubowitz Neurological Assessment of preterm neonates: An update. Pediatr Res 20(4):377A, #1300, 1986.
7. Eyler FD, Carter RL, Resnick MB: Dubowitz assessment of preterm neonates: Developmental outcome. Pediatr Res 21(4):394A, #1325, 1987.
8. Behnke M, Eyler FD, Nackashi JA, Conlon M: Relationship of cord gas and first arterial blood gas measures to developmental status in very low birthweight infants (VLBWI). Pediatr Res 22(4):441A, 1988.
9. Behnke M, Eyler FD: Usefulness of clinical assessments of asphyxia to predict developmental status in very low birthweight (VLBWI). Sixth Biennial International Conference on Infant Studies, Washington DC, April 1988. Infant Behav Dev 11:22A, 1988.
10. Stewart NJ, Eyler FD: Multivariate analysis of the effects of gestational age and birthweight on Brazelton performance. Sixth Biennial International Conference on Infant Studies, Washington DC, April 1988. Infant Behav Dev 11:300A, 1988.
11. Eyler FD, Behnke M: Issues in identification and follow-up of cocaine-exposed neonates. Society for Research in Child Development. Kansas City, KS, April 1989, Society for Research in Child Development Abstracts 6:138, 1989.

12. Eyler FD, Behnke M, Conlon M, Stewart NJ, Frentzen B, Cruz A: Perinatal outcome of cocaine-using mothers compared to controls matched on prenatal risk factors. Pediatr Res 27(4):243, 1990.
13. Casanova OQ, Behnke M, Eyler FD, Conlon M, Stewart NJ, Adams C: Comparison of cocaine users versus non-users in high-risk obstetrical patients presenting to labor and delivery. Clin Res 38(4):967A, 1990.
14. Behnke M, Eyler FD, Conlon M, Adams C, Stewart NJ: Cocaine exposure and perinatal complications in well-born and intensive care (ICU) neonates. Seventh Biennial International Conference on Infants Studies, Montreal, Canada, April 1990. Infant Behav Dev 13:267A, 1990.
15. Stewart NJ, Eyler FD, Behnke M, Conlon M: Neonatal behavior in cocaine-exposed infants and maternal depression. Seventh Biennial International Conference on Infants Studies, Montreal, Canada, April 1990. Infant Behav Dev 13:631A, 1990.
16. Casanova OQ, Behnke M, Eyler FD, Woods NS: Cost analysis of cocaine-exposed infants compared to controls matched on prenatal risk factors. Pediatr Res 29(4):252A, 1991.
17. Woods NS, Eyler FD, Behnke M, Conlon M: Cocaine use during pregnancy: Maternal depressive symptoms and neonatal neurobehavior over the first month. Pediatr Res 29(4):271A, 1991.
18. Eyler FD, Woods NS, Behnke M, Conlon M: Changes over a decade: Adult-infant interaction in the NICU. Pediatr Res 29(4):255A, 1991.
19. Behnke M, Eyler FD: Issues in perinatal cocaine abuse research: The interface between medicine and child development. Invited Symposium Presentation. Society for Research in Child Development Abstracts 8:5, 1991.
20. Woods NS, Eyler FD, Behnke M, Conlon M: Cocaine use during pregnancy: Maternal depressive symptoms and neonatal neurobehavior over the first month. Society for Research in Child Development Abstracts 8:505, 1991.
21. Lombardero-Tuttle N, Casanova OQ, Behnke M, Eyler FD, Bertholf R: Comparison of specimens for GC/MS detection of prenatal cocaine exposure. Clin Chem 38(6):D109A, 1992.
22. Woods NS, Conlon M, Eyler FD, Behnke M: The caregiving effort and satisfaction scales (CESS): A pilot study with cocaine-using mothers. Eighth Biennial International Conference on Infant Studies, Miami, FL, May 1992. Infant Behav Dev 15:774A, 1992.
23. Eyler FD, Woods NS, Behnke M, Conlon M: Adult-infant interaction in the NICU: Has it changed and is health status important? Biennial International Conference on Infant Studies, Miami, FL, May 1992. Infant Behav Dev 15:401A, 1992.
24. Wobie K, Eyler FD, Conlon M, Behnke M, Woods NS: Symbolic expression of feelings and depressive symptoms in high-risk mothers. Society for Research in Child Development Abstracts 9:658, 1993.
25. Eyler FD, Woods NS, Conlon M, Wobie K, Behnke M, Anderson C, Maag L: Pygmalion in the cradle: Observer bias against cocaine-exposed infants. Pediatr Res 35(4):112A, 1994.
26. Eyler FD, Behnke M, Conlon M, Woods NS, Wobie K: Birth outcome from a longitudinal study of prenatally matched cocaine-using and non-using women. Pediatr Res 35(4):268A, 1994.

27. Woods NS, Eyler FD, Conlon M, Wobie K, Behnke M, Anderson C, Maag L: Pygmalion in the cradle: Observer bias against cocaine-exposed infants. International Conference on Infant Studies, Paris, France. Infant Behav Dev June 1994.
28. Eyler FD, Behnke M, Conlon M, Woods NS, Wobie K: Birth outcome from a longitudinal study of prenatally matched cocaine-using and non-using women. International Conference on Infant Studies, Paris, France. Infant Behav Dev June 1994.
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30. Eyler FD, Behnke M, Conlon M, Woods NS, Wobie K: A controlled evaluation of neonatal cocaine "withdrawal": Neurobehavioral effects over the first week. Pediatr Res 37(4):255A, 1995.
31. Anderson GC, Chang HP, Behnke M, Eyler FD, Conlon M: Self-regulatory mothering (SR) postbirth: Effects on, and correlation between, infant crying and salivary cortisol. Pediatr Res 37(4):12A, 1995.
32. Behnke M, Eyler FD, Conlon M, Woods NS, Wobie K: Relationship of cranial ultrasound (CUS) findings to perinatal risk and neurobehavioral outcome in cocaine-exposed newborns. Society for Research in Child Development Abstracts, 1995.
33. Eyler FD, Behnke M, Conlon M, Woods NS, Wobie K: A controlled evaluation of neonatal cocaine "withdrawal": Neurobehavioral effects over the first week. Society for Research in Child Development Abstracts, 1995.
34. Woods NS, Eyler FD, Behnke M, Conlon M, Wobie K, Peterson KM: Cocaine-exposed neonates and their mothers: Patterns of interaction during feeding. Tenth Biennial International Conference on Infants Studies, Providence, RI, April 1996. Infant Behav Dev 19:1996.
35. Behnke M, Eyler FD, Conlon M, Woods NS, Wobie K: A longitudinal study of prenatal cocaine exposure. 6-month outcome. Tenth Biennial International Conference on Infants Studies, Providence, RI, April 1996. Infant Behav Dev 19:1996.
36. Eyler FD, Behnke M, Conlon M, Woods NS, Wobie K: A longitudinal study of prenatally cocaine-exposed infants and matched controls: Relationship of one month blinded Brazelton assessments (BNBAS) and HOME scores. Tenth Biennial International Conference on Infants Studies, Providence, RI, April 1996. Infant Behav Dev 19:1996.
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40. Maag L, Eyler FD, Woods NS, Behnke M, Wobie K, Conlon M: Adult bias regarding cocaine-exposed children. Poster presentation at the Sixth Florida Conference on Child Health Psychology, Gainesville, FL, April 1997.

41. Anderson GC, Hudson SJ, Behnke M, Eyler FD, Conlon M, Lane AE, Chang HP: Randomized controlled trial (RCT) with transitional newborn infants: Effect of tub bath on crying and temperature. Sigma Theta Tau, Scientific Sessions, December 1997.
42. Wobie K, Eyler FD, Behnke M, Garvan CW: Mother/infant separation: Outcomes and placement status of children prenatally exposed to cocaine. Third National Women's Health & Research Conference, University of Florida, 1998. Proceedings from the Third Meeting of the National Leaders in Women's Health, 1999.
43. Maag L, Eyler FD, Woods NS, Behnke M, Franks B, Garvan CW, Conlon M: Cocaine-exposed children: Is the label itself a risk factor? International Conference on Infant Studies, Atlanta, GA, 1998. Infant Behav Dev 21:245A, 1998.
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47. Sinha I, Behnke M, Eyler FD, Garvan CW, Wobie K: Cocaine-exposed children in foster/kinship care: Effects on longitudinal growth patterns. The Society for Pediatric Research, New Orleans, LA, May 1998. Pediatr Res 43(4):1338A, 1998.
48. Wobie K, Eyler FD, Behnke M, Garvan CW: To have and to hold: A descriptive study of custody status following prenatal exposure to cocaine. The Society for Pediatric Research, New Orleans, LA, May 1998. Pediatr Res 43(4):1370A, 1998.
49. Behnke M, Eyler FD, Garvan CW, Wobie K, Conlon M: Congenital abnormalities in newborns with fetal cocaine exposure. The Society for Pediatric Research, New Orleans, LA, May 1998. Pediatr Res 43(4):361A, 1998.
50. Eyler FD, Behnke M, Garvan CW, Wobie K, Woods NS: Newborn behavioral effect of cocaine: Is it amount of prenatal exposure or acute toxicity? Pediatr Res 43(4):124A, 1998.
51. Garvan CW, Eyler FD, Behnke M, Wobie K, Marron JV: Measuring patterns of substance use among pregnant women. Seventh Biennial Symposium on Statistical Methods. Emerging Statistical Issues in Public Health for the 21st Century. Atlanta, GA, January 1999.
52. Maag L, Eyler FD, Behnke M, Wobie K, Garvan CW: Language skills in a naturalistic setting: Results from a controlled study of prenatal cocaine exposure. Society for Research in Child Development Abstracts, April 1999.

53. Eyler FD: Discussant in Harvey Ginsburg's (moderator) Discussion Hour on Prenatal Cocaine Exposure: Reconciling Science and Social Policy. Society for Research in Child Development Abstracts, April 1999.
54. Behnke M, Eyler FD, Garvan CW, Wobie K, Marron JV: The relationship of outcome to commonly used quantitative assessments of prenatal cocaine use. Pediatr Res 45(4):1394A, 1999.
55. Eyler FD, Behnke M, Wobie K, Garvan CW: Prenatal cocaine exposure: A longitudinal assessment of behavior from birth to age three. Pediatr Res 47: 308A, 2000.
56. Wobie K, Behnke M, Eyler FD, Garvan CW: Accessing and assessing the caregiver: Who, what, when, where, why, and how. International Conference on Infant Studies, Brighton, England, July 2000.
57. Garvan CW, Behnke M, Eyler FD: Examining substance use data during pregnancy with projection pursuit methodology. International Conference on Infant Studies, Brighton, England, July 2000.
58. Eyler FD, Behnke M: State of the art: A melding of teratogenic and transactional models in research on prenatal cocaine exposure. Symposium, International Conference on Infant Studies, Brighton, England, July 2000.
59. Behnke M, Eyler FD: An example of transactional analyses in a longitudinal, developmental study of prenatal cocaine use. Symposium, International Conference on Infant Studies, Brighton, England, July 2000.
60. Sinha I, Behnke M, Eyler FD, Garvan CW, Wobie K: Cocaine-exposed infants in out-of-home placement: Effects on longitudinal growth patterns. Conference Proceedings: American Academy of Pediatrics, Chicago, IL, October 2000.
61. McNeilly LG, Eyler FD, Behnke M, Garvan CW, Wobie K: Language development in children birth to three with prenatal cocaine exposure. American Speech-language Hearing Association, Washington DC, November 2000.
62. Byrd D, Sweeney K, Berg WK, Eyler FD, Behnke M, Wobie K: Effects of prenatal cocaine exposure and SES on the performance of 7-year-olds on a frontal lobe sensitive test. J Intl Neuropsych Society, November 2000.
63. Eyler FD, Behnke M, Garvan CW, Wobie K, Edwards CD: Cocaine exposure and developmental outcome birth to three. Pediatr Res 49(4):319A, 2001.
64. McNeilly LG, Eyler FD, Behnke M: Linguistic development and environment in young children with poly-drug exposure. Florida Association of Speech Language Pathologists and Audiologists, Orlando, FL, May 2001.
65. McNeilly LG, Eyler FD, Behnke M: Longitudinal assessment of children with prenatal cocaine exposure (0-5). American Speech-Language Hearing Association, New Orleans, LA, November 2001.
66. Eyler FD, Behnke M, Garvan CW, Wobie K, Hou W: Prenatal cocaine exposure: Analysis of direct and indirect effects on 36-month developmental outcome. International Conference on Infant Studies, Toronto, Canada, April 2002.

67. McNeilly LG, Eyler FD, Behnke M, Garvan CW: Longitudinal assessment of language in children with prenatal cocaine exposure: Birth to five years. International Conference on Infant Studies, Toronto, Canada, April 2002.
68. Behnke M, Eyler FD, Garvan CW, Wobie K, Hou W: Five-year outcome from a prospective, matched study of prenatal cocaine exposure (PCE). Pediatr Res 51:359A, 2002.
69. Garvan CW, Behnke M, Conlon M, Hou W, Eyler FD: Asymmetric head growth and prenatal cocaine use: Results from a matched control study. Pediatr Res 51:358A, 2002.
70. Edwards CDA, Eyler FD, Behnke M: A multidimensional approach to the study of prenatal cocaine exposure (PCE): Integrating biomedical, behavioral and sociological perspectives. Pediatr Res 1:359A, 2002.
71. Warner TD, Eyler FD, Behnke M, Fennel E, Dede D: Longterm effects of prenatal cocaine exposure on children's attention and reading abilities. National Academy of Neuropsychology, Miami, FL, October 2002.
72. Eyler FD, Behnke M, Garvan CW, Wobie K, Hou W: Analysis of the direct and indirect effects of prenatal cocaine exposure on 36-month developmental outcome. National Academy of Neuropsychology, Miami, FL, October 2002.
73. Garvan CW, Hou W, Behnke M, Eyler FD: A comparison of imputation strategies for estimating cocaine use during pregnancy. Ninth Biennial Symposium on Statistical Methods, Atlanta, GA, January 2003.
74. Eyler FD, Behnke M, Garvan CW, Wobie K, Warner TD, Hou W: Effects of prenatal cocaine exposure and other risk factors on outcome in a prospectively enrolled matched cohort now entering school. Society for Research in Child Development Abstracts, March 2003.
75. Tatarchuk YL, Leonard CM, Gentry EH, Padgett KR, Eyler FD, Behnke M: Evaluating pars triangularis morphology in a population of children prenatally exposed to cocaine. 20th Annual South East Nerve Net, Decatur, GA, March 2004.
76. Pyko M, Eyler FD, Behnke M, Garvan CW, Leonard CM: Investigation of the cingulate sulcus in children prenatally exposed to cocaine. 20th Annual South East Nerve Net, Decatur, GA, March 2004.
77. Crandall KM, Padgett DR, Leonard CM, Garvan CW, Schmalfuss IM, Blackband SJ, Eyler FD, Behnke M: Investigating white matter changes in children prenatally exposed to cocaine using diffusion tensor imaging. 20th Annual South East Nerve Net, Decatur, GA, March 2004.
78. Warner T, Eyler FD, Behnke M, Garvan CW, Hou W: Predicting behavior problems at 3 years in children with prenatal cocaine exposure: Structural equation modeling with a prospectively enrolled sample. International Conference on Infant Studies, Chicago, IL, May 2004.
79. Behnke M, Eyler FD, Garvan CW, Hou W, Wobie K, Warner TD: Effects of prenatal cocaine exposure on intelligence (IQ) in a longitudinal cohort of 5-7 year olds. Pediatr Res 55 (4): 492A, 2004.
80. Warner TD, Eyler FD, Behnke M, Garvan CW, Hou W, Fennell EB: Effects of prenatal cocaine exposure on attention and reading: Structural equation modeling using a prospectively enrolled sample. Pediatr Res 55 (41): 493A, 2004.

81. Padgett KR, Eyler FD, Behnke M, Leonard CM, Crandall KM, Mareci TH, Black TA, Schmalfuss IM, Garvan CW, Blackband SJ: Reduction of fractional anisotropy in frontal white matter in prenatally cocaine exposed children. International Society for Magnetic Resonance in Medicine, Kyoto, Japan, May 15-21, 2004.
82. Tatarchuk KL, Eyler FD, Behnke M, Garvan CW, Welch A, Schmalfuss IM, Warner TD, Hou W, Komaragiri V, Leonard CM: Evaluating brain morphology in a sample of children prenatally exposed to cocaine. Society for Neuroscience, San Diego, CA, October 2004.
83. Crandall KM, Padgett KR, Leonard CM, Garvan CW, Schmalfuss IM, Blackband SJ, Eyler FD, Behnke M: Investigating white matter changes in children prenatally exposed to cocaine using diffusion tensor imaging. Society for Neuroscience, San Diego, CA, October 2004.
84. Eyler FD, Behnke M, Warner TD, Hou W, Garvan, CW: Cocaine exposure at ages 5 and 7. Society for Research in Child Development Abstracts, 2005.
85. Warner TD, Eyler FD, Behnke M, Hou W, Garvan CW: Normative data for low SES African-American children on selected Halstead-Reitan tests. International Neuropsychological Society, 2005.
86. Padgett KR, Garvan CW, Crandall KM, Black TA, Eyler FD, Behnke M, Leonard CM, Schmalfuss IM, Blackband SJ: A comparison of two techniques for white matter segmentation in a clinical DTI study. International Society for Magnetic Resonance in Medicine, 2005.
87. Padgett KR, Behnke M, Eyler FD, Leonard CM, Crandall KM, Schmalfuss IM, Garvan CW, Warner TD, Blackband SJ: Diffusion changes in frontal white matter in prenatally cocaine exposed children. International Society for Magnetic Resonance in Medicine, 2005.
88. Sullivan SE, Behnke M, Garvan CW, Hou W, Wobie K, Eyler FD: Does age of initial out-of-home placement impact development of cocaine-exposed infants from birth to age three? *Pediatr Res* 57: A, 2005.
89. Warner TD, Eyler FD, Padgett KR, Hou W, Garvan CW, Leonard CM, Crandall KM, Schmalfuss IM, Blackband SJ, Behnke M: Diffusion tensor imaging (DTI) of frontal white matter development and executive functioning in prepubescent children with prenatal cocaine exposure (PCE). *Pediatr Res* 57: A, 2005.
90. Eyler, F. D., Behnke, M., Warner, T. D., Hou, W., & Garvan, C. W. (2005, April). Executive functioning in children with prenatal cocaine exposure at ages 5 and 7. Paper presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
91. Eyler FD, Behnke M, Szabo NJ, Garvan CW, Hou W, Wobie K: Cocaine ingestion in pre-adolescents in a prospective, longitudinal study of the effects of prenatal cocaine exposure. Society for Research on Adolescence, San Francisco, CA, 2006.
92. Sullivan SE, Eyler FD, Hou W, Garvan C, Behnke, M: Kindergarten teacher reported behavior problems: Prenatal cocaine exposure, home placement, and gender effects. Pediatric Academic Societies, May 2006.
93. Warner TD, Hou W, Eyler FD, Behnke M, Garvan CW: Longitudinal analysis of motor development in children with prenatal cocaine exposure. Pediatric Academic Societies, 2006.
94. Warner TD, Behnke M, Hou W, Garvan CG, Eyler FD: Attention functioning of children with prenatal cocaine exposure on a visual and auditory continuous performance task. Society for Research in Child Development, 2007.

95. Eyler FD, Warner TD, Hou W, Garvan CG, Behnke M: The effects of prenatal cocaine and quality of the environment on reports of depressive symptoms by 7 and 10.5 year olds. Society for Research in Child Development, 2007.
96. Behnke M, Eyler FD, Warner TD, Garvan CW, Hou W, Szabo N : Postnatal cocaine exposure and behavioral outcome in early adolescence. Pediatric Academic Societies, 2007.
97. Warner TD, Behnke M, Eyler FD, Algina J: Predictors of cocaine use in pre-adolescents enrolled in a prospective, longitudinal study of effects of prenatal cocaine exposure. Society for Research in Adolescence, 2008.
98. Warner TD, Eyler FD, Behnke M: Effects of prenatal cocaine exposure (PCE), caregiver attachment, and exposure to violence on mental health problems in pre-adolescents. Pediatric Academic Societies, 2008.
99. Warner TD, Eyler FD, Behnke M, Szabo NJ: RE: Pre-Adolescent cocaine use: Relationship to prenatal exposure, caregiver problems, and cognitive/behavior problems. Pediatric Academic Societies, 2008.
100. McCann SJ, Warner TD, DeLucca TL, Behnke M, Berg WK, Eyler FD: Results from a prospective, longitudinal study of prenatal cocaine exposure: Executive functioning in schoolage children. Society for Research in Child Development, 2009.
101. Eyler FD, Behnke M, Warner TD, Leite W, Algina J: Results from a prospective, longitudinal study of prenatal cocaine exposure: Precursors of pre-teen risky behavior and drug use. Society for Research in Child Development, Symposium, 2009.
102. Behnke M, Eyler FD, Warner TD, Leite WL, Algina J: Precursors of delinquency and drug use in youth with prenatal cocaine exposure (PCE). Pediatric Academic Societies, 2009.
103. Warner TD, Behnke M, Eyler FD. No effect of prenatal cocaine exposure on the Wisconsin Card Sorting Test during early adolescence. Poster presented at the International Neuropsychological Society annual meeting, Atlanta GA, February 2009.
104. Daniels L, Warner TD, Behnke M, Eyler FD: Executive Functioning in Adolescents with Prenatal Cocaine Exposure: Performance on the Iowa Gambling Task. Society for Research on Adolescence, 2010.
105. McCann SJ, Warner TD, Heaton SC, Behnke M, Eyler FD: Latent Growth Curve (LGC) Analysis of the Development of Working Memory (WM) and Set-Shifting Abilities in a Prospective, Longitudinal Cohort of Children with Prenatal Cocaine Exposure (PCE). International Neuropsychological Society, 2010.
106. McCann SJ, Warner TD, Heaton SC, Eyler FD, Behnke M: Longitudinal Development of Executive Functioning in a Prospective Cohort of Children with Prenatal Cocaine Exposure (PCE): Latent Growth Curve Analysis. Pediatric Academic Societies, 2010.
107. DeLucca T, Warner TD, Behnke M, Eyler FD. Home environment as a predictor of academic skills in a cohort with prenatal cocaine exposure (PCE): A latent growth curve analysis. Poster presented at the Society for Research in Child Development biennial meeting, Montreal, Canada, April 2011.
108. Warner TD, Behnke M, Eyler FD. Emotional regulation in adolescents with a history of cocaine use (CU) and prenatal cocaine exposure (PCE). Poster presented at the Pediatric Academic Societies annual meeting, Denver, CO, April 2011.

109. Lebel C, Warner T, Roussotte F, Behnke M, Eyler F, Sowell E. (2011, June). Diffusion tensor imaging of adolescents with prenatal cocaine exposure. Poster presented at the Organization for Human Brain Mapping annual meeting, Quebec City, Canada, June 2011.
110. Roussotte F, Soderberg L, Warner T, Narr K, Behnke M, Eyler F, Sowell E. Regional patterns of striatal morphology in adolescents with prenatal cocaine exposure. Poster presented at the Organization for Human Brain Mapping annual meeting, Quebec City, Canada, June 2011.
111. Daniels LM, Warner TD, Behnke M, Eyler FD. Effects of prenatal cocaine exposure on performance of executive functioning in adolescence. Paper presented at the annual convention of the American Psychological Association, Washington, DC, August 2011.
112. Schmutz, KM, Leonard, CM, Crawford, SM, Behnke, M, Eyler, FD, Warner, TD. Orbitofrontal sulcal structure, executive functioning, and prenatal cocaine exposure. Poster presented at the annual meeting of the Society for Neuroscience, Washington, DC, November 2011.
113. Warner, TD, Behnke, M, Eyler, FD. Executive functioning in early adolescence: Effects of prenatal cocaine exposure. Poster presented at the annual meeting of the Pediatric Academic Societies, Boston, MA, April 2012.
114. Roussotte, F, Warner, T, Narr, K, Lebel, C, Behnke, M, Eyler, FD & Sowell, E. Volumetric changes in frontal cortical regions in adolescents prenatal cocaine exposure. Poster presented at the 18th annual meeting of the Organization for Human Brain Mapping, Beijing, China, June 2012.
115. Warner, TD, Behnke, M, Eyler, FD. Prenatal drug exposures and self-reported drug use in early adolescence: The role of psychological functioning. Poster presented at the annual meeting of the Pediatric Academic Societies, Washington, DC, May 2013.

OTHER

Creative Activities

Demonstrator and script writer for videotape of newborn assessment teaching module, Training Program in Developmental Psychology/University of Florida, 1979

Consulting Editor to infant assessment and intervention training tapes for Infant Developmental Program, Department of Pediatrics, University of Florida, 1978-1980

Advisor in development of booklet on At-Risk Children Officer, 1992

Gain Special Emphasis

, for HRS, Deputy

Thesis and Dissertation

Eyler FD: Some aspects of sex differences in problem solving. Masters Thesis, California State University, January, 1973.

Eyler FD: Demonstration of premature infants' capabilities to improve maternal attitude and facilitate mother-infant interaction. Doctoral Dissertation, University of Florida, August, 1979. Diss Abst Ins., 1980.

Other Invited Presentations

1. Eyler FD, Coll C, Sepkoski C: Facilitating a positive interaction between mothers and their premature newborns. Georgia State Conference, Toward the Competent Parent, Atlanta, GA, March 1977.
2. Eyler FD: Sex differences in problem solving. Open Symposium of Papers on the Psychology of Women, Am. Psychological Association, Division 35, Task Force on Issues in Research on the Psychology of Women, San Francisco, CA, September 1977.
3. Eyler FD: Use of Brazelton assessment as teaching/counseling tool with parents. Invited talk of Florida Pediatric Nurse Practitioner Association, University of Florida, Gainesville, FL, 1979.
4. Eyler FD: Childbirth. Invited talk at Sex and Self Conference sponsored by the National Organization for Women and Planned Parenthood, Gainesville, FL, 1979.
5. Eyler FD, Holstrum J, Resnick MB: Infant development program for regionalized care. Invited workshop at Seventh Annual Florida Perinatal Conference, Orlando, FL, 1980.
6. Eyler FD: Behavioral assessment of high-risk newborn-birth to one month. Workshop presented at Conference of Florida Consortium of Newborn Intervention Programs and Florida Developmental Disabilities Planning Council, Tallahassee, FL, September 1983.
7. Eyler FD: Developmental intervention in the Intensive Care Nursery. Invited workshop at Parent Care, Inc., Second Annual Conference, Lexington, KY, September 1985.
8. Eyler FD: Developmental screening in term and pre-term neonates: Invited workshop at Eighth Annual "Management of the Tiny Baby," Orlando, FL, February 1986.
9. Eyler FD: Developmental intervention in the NICU. Invited workshop at Parent Care, Inc., Third Annual Conference, Indianapolis, IN, September 1986.
10. Eyler FD: Developmental assessment of high risk neonates. Invited workshop at Joint Partners in Perinatal Health Conference, Palm Beach Gardens, FL, 1987.
11. Eyler FD: Drug-dependent newborns. Invited talk at Second Annual Legislative Retreat of the Institute for Child Health Policy, Orlando, FL, 1987.
12. Eyler FD, Wagner J: The Infant Care Review Committee: An advisory resource for professionals caring for the tiny baby. Invited workshop at the Tenth Annual "Management of the Tiny Baby," Orlando, FL, February 1988.
13. Behnke M, Eyler FD: Substance abuse during pregnancy and infant outcome. Invited workshop at the Parent Care, Inc., Fifth Annual Conference, Newport Beach, CA, September 1988.
14. Eyler FD: Medical Aspects of Perinatal Cocaine Abuse. Invited talk at The Dilemma of Prenatal Cocaine Abuse Conference sponsored by the Corner Drug Store, Inc., Gainesville, FL, March 1989.
15. Eyler FD: The prevalence and effects of prenatal cocaine exposure. Invited talk, presented at Institute for Child Health Policy, Gainesville, FL during visit of Birt Harvey, M.D., President-elect, American Academy of Pediatrics, March 1989.

16. Eyler FD: HIV Infection: Implications for maternal and child health. Invited talk at workshop sponsored by the National Perinatal Association, Tampa, FL, June 1989.
17. Eyler FD: The Cocaine Connection. Invited workshop at the Parent Care, Inc., Sixth Annual Conference, Chicago, IL, and September 1989.
18. Eyler FD, Schiavoni LG: The Who, How, Why, When of Follow-up. Invited workshop at the Parent Care, Inc., Sixth Annual Conference, Chicago, IL, September 1989.
19. Eyler FD: Research on Cocaine Babies. Invited talk at "Learning Together" Early Childhood Conference sponsored by Exceptional Student Education, Head Start, and Florida Diagnostic and Learning Resources System, Gainesville, FL, October 1989.
20. Eyler FD: The prevalence and perinatal effects of prenatal cocaine use. Pediatric Postgraduate Education course, Gainesville, FL, November 1989.
21. Eyler FD: Research on Cocaine Babies. Invited Talk at the Annual Town Meeting of the Alachua County Council on Child Abuse, Gainesville, FL, February 1990.
22. Eyler FD, Behnke M: Drug Abuse in Mothers. Invited Workshop of the Twelfth Annual "Management of the Tiny Baby", Orlando, FL, February 1990.
23. Eyler FD: Cocaine Babies. Invited Talk at Monthly Meeting of Center for Child and Family Studies, Gainesville, FL, April 1990.
24. Eyler FD: Cocaine Babies. Invited Talk at Conference of Family Practice Faculty and Residents of Department of Community Health and Family Medicine, Gainesville, FL, April 1990.
25. Eyler FD: Invited talk and workshop at Cocaine's Innocent Casualties Conference sponsored by Central Florida Community College, Ocala, FL, June 1990.
26. Eyler FD: Early Intervention Strategies for Drug-Exposed Neonates and Their Families. Invited Talk at Seventh Annual Child Abuse and Neglect Prevention Conference. Sponsored by Florida Department HRS, the Ounce of Prevention Fund of Florida and the Florida Committee for Prevention of Child Abuse, Orlando, FL, September 1990.
27. Behnke M, Eyler FD: Prenatal Substance Abuse: An Innocent Generation At Risk. Invited Talk at Third Strategies for Success Conference, sponsored by UF Multidisciplinary Diagnostic and Training Program, Gainesville, FL, January 1991.
28. Behnke M, Eyler FD: Maternal Substance Abuse in Rural Florida. Invited Talk at Substance Abuse and Pregnancy: Children Deserve Better, Fourth Annual Conference Operation PAR, Inc., sponsored by the Nancy Reagan Foundation and the Office for Substance Abuse Prevention, Clearwater Beach, FL, February 1991.
29. Eyler FD, Behnke M: Research on Substance-Exposed Infants: Grants, Methodology and Issues. Invited talk at Monthly Meeting of Center for Child and Family Studies, Gainesville, FL, April 1991.
30. Eyler FD: Invited Panel Member, Fifteenth National Conference on Perinatal Social Work, Tampa, FL, May 1991.

31. Eyler FD, Behnke M: Invited Talk at Annual Meeting of Developmental Evaluation and Intervention Component of FL HRS-CMS RPICC, Jacksonville, FL, June 1991.
32. Eyler FD, Behnke M: Prenatal Cocaine Use and Infant Outcome: Separating Fact and Fiction. Pediatric Grand Rounds, Gainesville, FL, August 1991.
33. Eyler FD: Outcome of Cocaine-Exposed Infants: Issues in Clinical Research. Invited talk at Substance Abuse, Pregnancy and Childrearing: Children Deserve Better. Fifth Annual Conference, Operation PAR, Inc., Clearwater, FL, February 1992.
34. Eyler FD, Behnke M: You have taken my baby: Grief reactions in parents. Invited talk at Fifth Annual Neonatal Stabilization and Transport Symposium, Orlando, FL, November 1992.
35. Eyler FD, Behnke M: Research Issues and Findings in the Study of Prenatal Cocaine Exposure. OB-GYN Grand Rounds, Gainesville, FL, January 1993.
36. Behnke M, Eyler FD: Effective parental rapport and support. Invited talk at Sixth Annual Neonatal Stabilization and Transport Symposium, Orlando, FL, November 1993.
37. Eyler FD: Research with Cocaine-Exposed Infants. Invited talk to Center for Pediatric Psychology Research, Gainesville, FL, July 1994.
38. Eyler FD, Behnke M, Wobie K: Cocaine Use Among Rural Pregnant Women: Focus on Birth Outcome. Second Annual Florida Rural Health Association Conference, Tampa, FL, September 1994.
39. Eyler FD: Update on Part H of PL 99-457. Invited talk to the Health Committee of HRS District 3 Health and Human Services Board, Gainesville, FL, February 1995.
40. Eyler FD: Pygmalion in the Cradle: Fate of Cocaine-Exposed Infants. Invited talk to Clinical Pediatric Research, Women & Infants Hospital, Brown University, Providence, RI, February 1995.
41. Eyler FD, Behnke M, Wobie K: Identification and Treatment of Substance-Exposed Children. Invited talk to Hamilton County School Teachers' Inservice, Jennings, FL, May 1995.
42. Eyler FD, Behnke M: Update on Prenatal Cocaine Exposure: Is There Fire Where There's Smoke? Pediatric Grand Rounds, Gainesville, FL, June 1996.
43. Eyler FD, Wobie K: Developmental Outcome of Cocaine-Exposed Infants and Family Issues. Invited talk to A. Quinn Jones School Teachers' Inservice, Gainesville, FL, August 1996.
44. Behnke M, Eyler FD, Wobie K: The Effects of Prenatal Substance Exposure and Other High Risk Factors on Infant Growth and Development. Invited talk to Alachua County Public Health Unit Staff, Gainesville, FL, May 1997.
45. Eyler FD: Outcome of infants prenatally exposed to cocaine. Invited to speak as a part of the Community Education Series sponsored by the North Central Florida Chapter of the Florida Psychological Association, Gainesville, FL, October 1997.
46. Eyler FD: A prospective longitudinal study of prenatal cocaine exposure. Invited talk to NIH-NIDA workshop, Bethesda, MD, April 1998.

47. Eyler FD: Prenatal cocaine exposure: Elusive Effects on Infant Development. Invited Seminar, College of Pharmacy, University of Georgia, Athens, GA, November 1999.
48. Eyler FD: Prenatal cocaine exposure: Elusive Effects on Infant Development. Invited talk to Department of Psychology, University of North Florida, Jacksonville, FL, February 14, 2000.
49. Eyler FD: Cocaine use during pregnancy: Implications for child and family. Invited to speak as a part of the Community Education Series sponsored by the North Central Florida Chapter of the Florida Psychological Association, Gainesville, FL, June 2001.
50. Eyler FD: Florida's Early Intervention Program: Infants At Risk in the Neonatal Intensive Care Unit. Invited to speak to class in Special Education, University of Florida, February 2003.
51. Eyler FD: Update on effects of prenatal cocaine exposure. Invited to speak to Developmental Seminar for Faculty and Graduate Students in Developmental Psychology, Department of Psychology, UF, October 2003.
52. Eyler FD: Update on effects of prenatal cocaine exposure. Invited to speak to Developmental Psychology Class for Undergraduates, Department of Psychology, UF, February 2004.
53. Eyler FD: Prospective, Longitudinal Study of Prenatal Cocaine Exposure, NIDA/NICHD Conference, Washington, D.C., March 2004.
54. Eyler FD, Behnke M: Prenatal Cocaine Exposure: A Prospective, Longitudinal Study. Invited to speak at the Veterinary Medicine Graduate Seminar, UF, March 2005.
55. Eyler FD: Update on the effects of prenatal cocaine exposure on development and behavior. Invited to speak at the Clinical and Health Psychology Pediatric seminar for faculty and graduate students, 2006.
56. Eyler FD: Invited presentation to Health and Human Performance graduate course on women in health professions, 2006.
57. Eyler FD, Behnke M: Invited keynote speakers for NAPW conference and presentations to Family Courts of New York State, New York, NY, 2010.