

Curriculum Vitae

Linda Carol Mayes, M.D.
 Yale Child Study Center
 Yale University School of Medicine
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Education

University of the South Sewanee, Tennessee	B.A.	1969-1973 Chemistry
Vanderbilt University Graduate School Nashville, Tennessee	History	1973-1974
Vanderbilt University School of Medicine Nashville, Tennessee	M.D.	1973-1977

Professional Training

Intern in Pediatrics Vanderbilt University School of Medicine Nashville, Tennessee	1977-1978
Resident in Pediatrics Vanderbilt University	1978-1980
Fellow in Neonatology Vanderbilt University	1980-1982
Fellow in Robert Wood Johnson General Academic Pediatrics Program Yale University New Haven, Connecticut	1982-1984
Candidate, Western New England Institute for Psychoanalysis New Haven, Connecticut (Completed adult psychoanalytic training 1998) (Completed child psychoanalytic training 2000)	1986-2000

Professional Appointments

Research Fellow in Pediatrics Yale Child Study Center	1984-1985
Fellow to the National Center for Clinical Infant Programs from Yale University	1984-1985
Assistant Professor Yale Child Study Center	1985-1989
Elizabeth Mears and House Jameson Assistant Professor of Child Development in the Yale Child Study Center	1989-1990
Elizabeth Mears and House Jameson Associate Professor of Child Development in the Yale Child Study Center	1990
Arnold Gesell Associate Professor of Child Development and Pediatrics in the Yale Child Study Center	1991-1996
Joint Appointment in the Yale University Department of Psychology	1993-
Arnold Gesell Associate Professor of Child Psychiatry, Pediatrics, and Psychology without term In the Yale Child Study Center	1996-
Arnold Gesell Professor of Child Psychiatry, Pediatrics and Psychology Yale Child Study Center	2002-
Directorial Team, Anna Freud Centre, London (Chairman of the Directorial Team and of the Anna Freud Centre Program at the Child Study Center)	2003-2013
Adjunct Professor University of Connecticut	2006-2010
Professor in Epidemiology and Public Health, Yale University, School of Medicine	2007-2010

Special Advisor to the Dean Yale University School of Medicine	2007-2020
Distinguished Visiting Professor in Psychology Sewanee: The University of the South	2013-
Deputy Chair, Faculty Affairs, Yale Child Study Center	2012-2014
Interim Chair, Yale Child Study Center	2014-2015
Chair, Yale Child Study Center	2015—
Deputy Dean of Professionalism and Leadership Yale School of Medicine	2020-2021
Scientific Integrity Officer Yale School of Medicine	2021-

Departmental Administrative Responsibilities

Coordinator, Early Childhood Section Yale Child Study Center	1996-2014
Co-director, Preterm Infant Developmental Follow-up Program; Site PI for multi-site research program (in collaboration with the Division of Neonatology, Department of Pediatrics, Yale School of Medicine)	1996-2004
Co-director, Yale Child Study Center Early Childhood Education Consortium	1997-2004
Director, Developmental Electrophysiology Core Laboratory Resources	2007--2014
Coordinator, Yale-University College London Masters Program in Developmental Psychopathology And Neuroscience	2006--2012

Awards, Honorary Societies

University of the South	1969-1973
Summa cum laude with honors in chemistry	
Senior award in chemistry	
Wilkins Scholar	
Phi Beta Kappa	
Valedictorian	

Vanderbilt Medical School Alpha Omega Alpha Amos Christie Award in Pediatrics	1973-1977
Yale University School of Medicine James Hudson Brown--Alexander Coxe Research Award	1984-1985
Sigma Xi	1985
Research and Teaching Award Ambulatory Pediatrics Association Plenary Session of Spring Meeting Washington, D.C.	1985
Johnson and Johnson Advanced Pediatric Research Award	1984-1986
William T. Grant Faculty Scholar's Award	1986-1991
Doctor of Science (<i>honoris causa</i>) University of the South	October, 1994
Heinz Hartmann Award, New York Psychoanalytic Association	November, 1999
Edward McCrady Visiting Lecturer Sewanee: The University of the South	April 2017

National and International Boards, Committees, Consultative Positions

Adjunct Scientist, National Institute of Child Health and Human Development	1990- 1994
Special Review Committee, National Institute on Drug Abuse	1992-1998
American Psychoanalytic Association Committee on Child Analysis	1994-1998
Special Advisory Committee to the Vice-Chancellor University of the South, Sewanee, Tennessee (Chairman of Committee 1999-)	1996-2001, 2004-2007

American Psychoanalytic Association Committee on Scientific Activities	1997-2000
American Psychoanalytic Association Fund for Psychoanalytic Research (chairman 2000-)	1999-2005
Member of NIH Human Development (HUDIII) Study Section	1998-2001
Science Advisor, American Psychoanalytic Association	2004- 2006
National Scientific Council on the Developing Child	2009-2015
President, Psychodynamic/Psychoanalytic Research Society	2009-2012
National Institute on Drug Abuse, Advisory Council	2010-2013

Local Boards, Committees, Consultative Positions

Children's Clinical Research Center Yale University School of Medicine	1987-1990
Fellow to Morse College, Yale University	1990-
Board of the Gesell Institute	1991-2000
Special Commission on Infant Health City of New Haven, CT	1992-1996
Board of the Gardiner Seminar on Humanities And Psychoanalysis, New Haven, CT	1998-2009
Faculty, Western New England Institute for Psychoanalysis, New Haven, CT	2001-

University and School of Medicine Committees

Fellow, Bush Center on Social Policy Yale University	1994-2010
Special Committee on Status of Clinical Research Yale School of Medicine (Ralph Horwitz, M.D. Chair)	1996
Appointments and Promotions Committee	

Yale University School of Medicine	1999-2001
Search Committee for Chairman of Pediatrics Yale University School of Medicine	2000-2001
Senior Faculty Allotment Committee Yale School of Medicine	2002-2004
Strategic Planning Committee for Yale University School of Medicine: Clinical and Population Based Research	2005
Advisory Committee for Robert Wood Johnson Clinical Scholars Program, Yale University School of Medicine	2005-2014
Provost's Committee of Faculty Professional Conduct Standards, Yale University	2014-2015
Dean's Committee on Leadership (Co-Chair) Yale School of Medicine	2018--2019

Professional Organizations**Year Began Participation**

Ambulatory Pediatric Association	1984
Society for Research in Child Development	1986
World Association for Infant Psychiatry	1987
American Psychoanalytic Association	1989
Connecticut Council of Child Psychiatrists	1992
Neurobehavioral Teratology Society	1998
Cognitive Neuroscience Society	2000
Association of Child and Adolescent Psychiatry	2002

Ad Hoc Reviewer Responsibilities

American Journal of Diseases of Children
 American Journal of Obstetrics and Gynecology
 American Journal of Psychiatry
 Biological Psychiatry
 Child Development
 Development and Psychopathology
 Journal of the American Medical Association
 Journal of Child & Adolescent Psychiatry
 Journal of Pediatrics
 Journal of the American Psychoanalytic Association

Journal of Behavioral and Developmental Pediatrics
Journal of Pediatric Psychology
Journal of Psychology and Psychiatry
Infancy
Infant Behavior and Development
International Journal of Psychoanalysis
New England Journal of Medicine
Neurotoxicology and Teratology
Parenting: Science and Practice
Pediatrics
Psychoanalytic Psychology
Psychopharmacology

Editorial Boards

Journal of the American Psychoanalytic Association 2001-2004
Psychoanalytic Study of the Child 2002-
Infants and Young Children 2004—2009
Psychology of Violence 2011--

Visiting Scholar and Professor Appointments

Visiting Scholar, Menninger Clinic, February 2001
Visiting Professor, University College London, August 2001— 2012
Visiting Professor, University of Minnesota, Harris Program May 2006
Visiting Professor, Michigan Psychoanalytic Institute, April 2008
Visiting Professor, Sewanee: University of the South, 2013--

Past and Current Grant Support

Past

1984-1986 Johnson and Johnson Advanced Pediatric Research Award

1985-1986 NIMH research training award: "Infant Crying and the Relation to Early Social Development"

1986-1991 William T. Grant Faculty Scholar's Award

1990-1992 March of Dimes Birth Defects Foundation: "Effects of Prenatal Cocaine Exposure on Attentional Regulatory Mechanisms" (Principal Investigator)

1990-1992 Smith Richardson Foundation: "A Longitudinal Study of the Developmental Outcome of Infants Exposed to Cocaine in Utero" (Principal Investigator)

1990-1992 Robert Wood Johnson Foundation: "Longterm Effects of Prenatal Cocaine Exposure" (Principal Investigator)

1990-1995 National Institute on Child Health and Human Development: "Development and Implementation of a Plan to Assess the Neurodevelopment of Infants and Children Exposed to Drugs in Utero" (A national multi-site collaborative study of the effects of cocaine exposure on development. Served as consultant for development of measures and assessment of infant attention)

1992-1996 RO1 PHS: PI: Paul McCarthy "Mother-child Interaction and Clinical Judgement" 10% effort involved in overseeing assessment of parent-child interactions

1992-1997 RO1 National Institute on Drug Abuse: "Longterm Effects of Prenatal Cocaine Exposure" (Principal Investigator)

1994-1999 KO2 National Institute on Drug Abuse: PI: **L.C. Mayes** "Attention regulation among infants exposed prenatally to cocaine"

1985-2001 NIMH: PI: James Leckman. "Training Program in Childhood Neuropsychiatric Disorders" T32-MH18268 Member of the faculty. No funded support because concurrent with KO2 award

2001-2002 Maternal & Child Health Bureau: PI: **L.C. Mayes** "A COR Group in Psychosocial/Developmental Pediatrics". 009133; 5% effort but no funded support because concurrent with KO2 award

1998-2001: CT Department of Children and Families: PI: Paula Armbruster "Child Guidance Clinic". Member of faculty; 10% effort; funding for activities in early childhood programs

1997-2002 National Institute on Drug Abuse: Principal Investigator: **L.C. Mayes** "Regulation of Attention and Arousal in Preschool Children Exposed Prenatally to Cocaine." R01-DA06025; \$478,263.00 total direct costs; 25% effort

1999-2003 NINDS 1RO1NS32624-06 Principal Investigator: Scott Rivkees "Developing Circadian Rhythmicity" Direct costs \$208,917/year; 5% effort but no funded support because concurrent with KO2 award; Follow-up of infants through Child Study Center laboratories

2001-2003 March of Dimes 12-FY01-300: Principal Investigator: Tim Oberlander (University of British Columbia) "Behavioural and developmental outcomes in infants with prenatal psychotropic medication exposure" \$73,616 Direct costs year 1; 5% effort on Yale subcontract

2000-2004 National Institute on Drug Abuse: Principal Investigator: **L.C. Mayes** "Arousal regulatory mechanisms in prenatal cocaine exposure"--K02 (Career Development Award) K02-DA00222; \$91,556.00 year 1; 75% effort

2002-2004 Pfizer, Inc.: Principal Investigator: **L.C. Mayes** “ Collaboration to develop a novel neuropsychological test battery for children” Total Direct Costs: \$17,291

2000-2005: NICHD: PI: Fred Volkmar “Mental Retardation and Developmental Psychopathology”. Principal investigator on project within the program project. P01-HD03008. 15% effort; funding to support research in ongoing longitudinal cohort of high-risk families

2001-2005 Pfizer, Inc.: Principal Investigator: **L.C. Mayes** “Normative Data Agreement for Maze Learning Test” Total Direct Costs: \$26,087

2004-2005 National Institute on Drug Abuse: Principal Investigator: Lindsey Devane, M.D., Medical University of South Carolina (Subcontract to Yale with **L.C. Mayes** as P.I. on subcontract) “Pharmacogenetics of Methadone in Pregnancy.” RO1 DA013027; \$30,000 total direct costs

2004-2006 : NIH Principal Investigator : Lois Sadler “Home Visiting with High Risk Teen Mothers” 1P30NR08999-01 \$1,250,000 Total costs; 3% effort

2001-2006 Harris Foundation: Principal Investigator: **L.C. Mayes** “Perinatal interventions for parents at increased risk for depression and related affective disorders” \$400,000 yearly direct costs. 20% effort

2002-2007 National Institute on Drug Abuse: Principal Investigator: **L.C. Mayes** “Regulation of Attention and Arousal in Preschool Children Exposed Prenatally to Cocaine.” R01-DA06025; \$550,000 year one direct costs; 25% effort

2003-2005 NIH: Principal Investigator: John Leventhal “Promoting child development: Yale-Ankara Collaboration”. 5R21TW006678; 5% effort as co-investigator

1999-2008 NICHD Principal Investigator: Zeev Kain: “Psychological Influences on Postoperative Recovery”: R01 HD037007 \$280,364 year end direct costs, 10% effort

2004-2005 NIH Principal Investigator: **L.C. Mayes** “256 Channel Geodesic EEG System” S10 RR019258; \$257,000 total costs (equipment grant)

2004-2009 NIDA Principal Investigator: Nancy Suchman “Fostering Mothers’ Emotionally Responsive Parenting” R01 DA017294 \$200,000 direct costs per year; 5% effort as co-investigator

2004-2009 NIDA Principal Investigator: Kimberly Yonkers “Psychosocial Research to Improve Drug Treatment in Pregnancy” RO1 HD045735 \$388,116 year one direct costs; 5% effort as co-investigator

2004-2009 NIDA Principal Investigator: **L.C. Mayes** “Cocaine-Exposed Children & ERP Studies in Neurocognition” R01 DA017863 \$250,000 year one direct costs 10%

effort

2005-2008 The Donaghue Medical Research Foundation Principal Investigator: **L.C. Mayes** “Minding the Baby: Home Visiting for Young Parents” 05-021 \$66,363 year one direct costs 10% effort

1992-2008 NIDA Principal Investigator: **L.C. Mayes** “Arousal and Attention in Cocaine-Exposed Children” R01 DA006025 \$425,843 year one direct costs 10% effort

2005-2010 NIDA Principal Investigator: **L.C. Mayes** “Cortical Maturation and ERP in Cocaine-Exposed Children” K05 DA020091 \$117,000 year one direct costs 75% effort

2005-2010 NICHD Principal Investigator: **L.C. Mayes** “Neurocognitive Development in Children Living in Poverty” R01 HD044796 \$391,510 year one direct costs 5% effort

2007-2012 NIH Principal Investigator: Rajita Sinha: “Interdisciplinary Research Consortium on Stress, Self Control & Addiction” Hilary Blumberg and **L.C. Mayes**, PI and Co-PI for “Chronic Trauma and Stress Reactivity” \$150,000; 5% effort as CoPI

2007-2010 March of Dimes Principal Investigator C.N. Epperson “Effectiveness of Cognitive Processing Therapy in Reducing Post-traumatic Symptoms and Enhancing Birth Outcomes” \$80,030 total costs; 5% effort

2007-2010 NIDA Principal Investigator **L.C. Mayes** “Prenatal Cocaine Exposure: Studies of Brain Function \$134,549 year one costs; 10% effort as co-investigator

2008-2011 NIMH Principal Investigator Suniya Luthar “Family Research Consortium V: Transdisciplinary Consortium on Mental Health Co-Occurring disorders, and Families” \$73,822 year one costs; 10% as Co-PI

2007-2010 Pfeiffer Foundation Principal Investigator **L.C. Mayes** “Electrophysiological Markers of Emerging Inhibitory Control” \$73,000 year one costs; 3% effort

2006-2011 NIDA Principal Investigator Jenae Neiderhiser (U. Pittsburg) “Genes, prenatal drug exposure and postnatal environment: An Adoption Study” \$250,663 year one costs; 10% effort as co-investigator

2008-2012 NIH/ORWH Principal Investigator Rajita Sinha “SCOR on Sex and Gender Factors Affecting Women's Health” 5RL1DA024856 \$749,669 direct costs year one; **L.C. Mayes**, PI on project on “Prenatal cocaine exposure, gender, and adolescent stress reactivity” 15% effort as project PI.

2007-2009: Yale Center for Clinical Investigation: Principal Investigator: **L.C. Mayes** “Neural Circuitry Of Parent Attachment In Substance Abuse: Research Team For Social Neuroscience, Addiction, And Parental Attachment” \$73,967 year one costs.

2009-2011 NIAAA “Behavioral Measurement of Negative Reinforcement in Adolescent Alcohol Use/Abuse” R21 AA17685; Principal Investigator: Carl W. Lejuez, Ph.D; Total Costs = \$400,000; 5% as co-investigator

2009-2011 NIDA: Principal Investigator: **L.C. Mayes** “ERP Neurobehavioral Assessment of Negative Reinforcement in Adolescents.” R21 DA027737 \$125,000 year one costs

2008-2013 NIDA: Program Project: P01 DA022446 J. Johns (UNC principal Investigator): **L.C. Mayes**, Co-director of Program Project and PI on Individual Project “Neural Circuitry of Parent Attachment in Substance Abuse (Project 3)”. \$271,705. Year one costs

2007-2012 NIDA RL1 DA024856 Hilary Blumberg, PI; **L.C. Mayes**, Co-PI: Stress, Neurodevelopment and the Emergence of Addictive Behaviors in Adolescence. \$147,150 year one costs

2009-2011 NIDA R21 AA017685 Carl Lejuez, PI (University of Maryland); **L.C. Mayes**, consultant Behavioral Measurement of Negative Reinforcement in Adolescent Alcohol Use/Abuse. #12,979 year one consultant costs

2012-2015 SeriousFun Children’s Network “SeriousFun Service Agreement” **L.C. Mayes** Principal Investigator (1%) \$63,750 annual direct costs.

2012-2015 Irving Harris Foundation “Approach to training and relationship to infant mental health community” **L.C. Mayes** Principal Investigator (1%) \$130,000 annual direct costs.

2013-2016 NIMH R34 MH100456 “MOMBA: A Smartphone Application to Promote the Mental Health of New Mothers” Principal Investigator Megan V. Smith, **L.C. Mayes** Investigator (2%) \$125,000 annual direct costs.

2010-2015 Baylor College of Medicine R01 DA026437 “Maternal Brain and Behavioral Responses to Infant Cues in Cocaine Exposed Mothers” Lane Strathearn Principal Investigator, **L.C. Mayes** Investigator (10%) \$243,184 annual direct costs.

2010-2015 NIDA R01 DA017294 “Fostering Mother's Emotionally-Responsive Parenting” Principal Investigator Nancy Suchman, **L.C. Mayes** Investigator (2%) \$350,506 annual direct costs.

2012-2015 NIMH R03 MH094583 “EEG coherence in children with TS: Association with ADHD and tic severity” Denis Sukhodolsky Principal Investigator, **L.C. Mayes** Investigator (1%) \$48,000 annual direct costs.

2012-2017 NINDS R01 NS055829 “Functional Neuroimaging in Childhood Absence

Epilepsy” Principal Investigator Hal Blumenfeld, **L.C. Mayes** Investigator (2%) \$9,876 annual direct costs.

2011-2017 National Society for the Prevention of Cruelty to Children “Minding the Baby: NSPCC” **L.C. Mayes** Principal Investigator (5%) \$130,124 annual direct costs.

2017-2019 Irving Harris Foundation “Approach to training and relationship to infant mental health community” **L.C. Mayes** Principal Investigator (1%) \$130,000 annual direct costs.

2014-2018 NCI R01 CA195654 “SCH: INT: Harnessing the Power of Technology: MOMBA for Postpartum Smoking” Principal Investigator Megan V. Smith, **L.C. Mayes** Investigator (2%) \$261,052 annual direct costs.

2010-2020 R01 DA026437-06A1: “Oxytocin and Brain Reward and Stress Responses to Infant Cues in Addicted Mothers” Principal Investigator Lane Strathearn, **L.C. Mayes**, Co-PI \$181,001 annual direct costs.

Current

2020 – 2025. 1R01DA050636-01: Psychosocial and neurobiological stress and opioid use trajectories following pregnancy; PI Helena Rutherford, **L.C. Mayes** Co-Investigator; Total award: \$2,751,732

2021-2024-- Scholastic - Yale Collaboration in Child and Family Resilience Program; PI **L.C. Mayes**, \$225,000 annual direct costs

Areas of Research Focus

- ❑ Developmental outcome of infants and young children with increased perinatal risks from both specific biological, potentially neurotoxic exposures (e.g., illicit drugs) or increased psychosocial stress
- ❑ Early parent-child interaction and the effects of disrupted parental behaviors on the development of arousal and attention regulatory mechanisms
- ❑ Stress-response and regulatory mechanisms in young children at both biological and psychosocial risk
- ❑ Impact of early adversity on emerging stress and reward systems in adolescence
- ❑ Neural circuitry of early attachment between parents and their infants and application to both normative development and at-risk conditions (parental depression, substance abuse)
- ❑ Neurocognitive development of children growing up in poverty

- ❑ Understanding neural mechanisms for initiation of drug use in adolescence
- ❑ Designing interventions to promote family resilience and community engagement
- ❑ Designing interventions for parents including those involved in substance abuse based on concepts of mentalizing and reflectiveness

Clinical/Service Development Activities

- ❑ Supervise child psychiatry, child psychology, and social work fellows in the developmental and psychiatric assessment of infants and young children
- ❑ Development of combined service-research programs in perinatal mental health that involve clinical interventions for parental depression and anxiety in the perinatal period and evaluation of the efficacy of those interventions
- ❑ Development of normative parental-education services that provide developmental assistance for parents of young children in the context of early childhood education programs
- ❑ Development, implementation, and assessment of home-based interventions for high-risk mothers and infants (Minding the Baby)
- ❑ Development, implementation, and assessment of literacy-based intervention programs for preschool and elementary school-aged children to enhance positive coping and social connectedness; Implemented in rural setting in Tennessee

Teaching Activities Related Both to Research and Clinical Service

- ❑ Coordinated (until 2018) the Harris Advanced Clinical Training fellowship in Early Childhood for advanced clinical trainees from child psychiatry, social work, psychology, or pediatrics
- ❑ Regular participant in core didactic and clinical seminars regarding early child development in the Child Study Center
- ❑ Mentoring post-baccalaureate degree students working in research laboratory (three to five students per year)
- ❑ Advisor to joint masters program between University College London and Yale School of Medicine in Developmental Neuroscience and Psychopathology

BIBLIOGRAPHY

Peer Reviewed Publications

1. **Mayes, L.C.** and Boerth, R.C. (1980). Digoxin indomethacin interaction. *Pediatric Research*, 14: 469.
2. **Mayes, L.C.**, Perrett, E., and Stahlman, M.T. (1983). Bronchopulmonary dysplasia: A retrospective review. *Acta Paediatrica Scand*, 72: 225. [PMID: 6837295]
3. **Mayes, L.C.**, Kasselberg, A.G., Roloff, J.S., and Lukens, J.N. (1984). Hypercalcemia associated with immunoreactive parathyroid hormone in the rhabdomyosarcomatoid variant of Wilm's Tumor. *Cancer*, 54: 882. [PMID: 6331631]
4. **Mayes, L.C.**, Stahlman, M.T., Perrett, E., et al. (1985). The changing cognitive outcome of preterm infants with hyaline membrane disease. *AJDC*, 139: 20. [PMID: 3969977]
5. **Mayes, L.C.**, Horwitz, R., and Feinstein, A.R. (1988). A collection of 56 topics with contradictory results in case-control research. *International Journal of Epidemiology*, 17: 680-685. [PMID: 3272133]
6. Hooks, M.Y., **Mayes, L.C.**, and Volkmar, F.R. (1988). Psychiatric disorders among preschool children. *Journal of the American Academy of Child and Adolescent Psychiatry*, 27: 623. [PMID: 2460432]
7. **Mayes, L.C.** and Kessen, W. (1989). Maturational changes in measures of habituation. *Infant Behavior and Development*, 12: 437-450.
8. **Mayes, L.C.** and Carter, A.S. (1990). Emerging social-regulatory capacities as seen in the still- face situation. *Child Development*, 61: 754-763. [PMID: 2364750]
9. Carter, A.S., **Mayes, L.C.**, & Pajer, K.A. (1990). The role of dyadic affect in play and infant sex in predicting infant responses to the still-face situation. *Child Development*, 61: 764-773. [PMID: 2364751]
10. Volkmar, F.R. and **Mayes, L.C.** (1990). Gaze behavior in autism. *Development and Psychopathology*, 2: 61-69.
11. **Mayes, L.C.**, Carter, A.S., Egger, H.L., and Pajer, K. (1991). Reflections on stillness: Mothers' reactions to the still-face procedure. *Journal of the American Academy of Child and Adolescent Psychiatry*, 30: 22-28. [PMID: 2005060]
12. Marans, S., **Mayes, L.C.**, Cicchetti, D., et al. (1991). The child psychoanalytic play interview: A technique for studying thematic content. *Journal of the American Psychoanalytic Association*, 39: 1015-1036. [PMID: 1800550]
13. **Mayes, L.C.** (1991). Exploring internal and external worlds. Reflections on the state of being curious. *Psychoanalytic Study of the Child*, 36: 3-36. [PMID: 1788380]

14. **Mayes, L.C.** and Zigler, E. (1992). An observational study of the affective concomitants of mastery in infants. *Journal Child Psychology and Psychiatry*, 33: 659-667. [PMID: 1601941]

15. **Mayes, L.C.** (1992). Prenatal cocaine exposure and young children's development. *The Annals of the American Academy of Political and Social Science*, 521: 11-25.

16. **Mayes, L.C.**, Granger, R.H., Bornstein, M.H., and Zuckerman, B. (1992). The problem of intrauterine cocaine exposure. *Journal of the American Medical Association*, 267: 406-408. [PMID: 1727966]

17. **Mayes, L.C.** and Cohen, D.J. (1992). The development of a capacity for imagination in early childhood. *Psychoanalytic Study of the Child*, 47: 23-47. [PMID: 1289932]

18. **Mayes, L.C.**, Volkmar, F.V., Hooks, M., et al. (1993). Differentiating pervasive developmental disorder not otherwise specified from autism and language disorders. *Journal of Autism and Developmental Disorders*, 23: 79-89. [PMID: 7681820]

19. **Mayes, L.C.**, Granger, R.H., Frank, M.A., Bornstein, M.H., and Schottenfeld, R. (1993). Neurobehavioral profiles of infants exposed to cocaine prenatally. *Pediatrics*, 91: 778-783.

20. **Mayes, L.C.**, Carter, A.S., and Stubbe, D. (1993). Individual differences in exploratory behavior in the second year of life. *Infant Behavior and Development*, 16: 269-284.

21. Spence, D., **Mayes, L.C.**, and Dahl, H. (1994). Monitoring the Analytic Surface. *Journal of the American Psychoanalytic Association*, 42: 43-64. [PMID: 8182248]

22. **Mayes, L.C.** and Spence, D. (1994). Understanding therapeutic action in the analytic situation: A second look at the developmental metaphor. *Journal of the American Psychoanalytic Association*, 42: 789-818. [PMID: 7963231]

23. **Mayes, L.C.** and Cohen, D.J. (1994). Experiencing self and others: Contributions from studies of autism to the psychoanalytic theory of social development. *Journal of the American Psychoanalytic Association*, 42: 191-218. [PMID: 8182245]

24. **Mayes, L.C.** and Cohen, D.J. (1994). The social matrix of aggression: Enactments and representations of loving and hating in the first years of life. *Psychoanalytic Study of the Child*, 48: 145-169. [PMID: 8234549]

25. **Mayes, L.C.** (1994). Understanding adaptive processes in a developmental context: A reappraisal of Hartmann's problem of adaptation. *Psychoanalytic Study of the Child*, 49: 12-35. [PMID: 7809279]

26. **Mayes, L.C.** and Cohen, D.J. (1994). Playing as therapeutic action in child psychoanalysis. *International Journal of Psychoanalysis*, 74: 1235-1244. [PMID: 8138367]
27. **Mayes, L.C.**, Klin A., and Cohen, D. (1994). The effect of humor on children's developing theory of mind. *British Journal of Developmental Psychology*, 12: 555-561.
28. Malakoff, M., **Mayes, L.C.**, and Schottenfeld, R. (1994). Language abilities of preschool children living with cocaine-using mothers. *American Journal on Addictions*, 3:4: 346-354.
29. **Mayes, L.C.**, Bornstein, M., Chawarska, K., and Granger, R.H. (1995). Information processing and developmental assessments in 3-month-old infants exposed prenatally to cocaine. *Pediatrics*, 95:4: 539-545. [PMID: 7700755]
30. **Mayes, L.C.** and Bornstein, M.H. (1995). Infant information-processing performance and maternal education. *Early Development and Parenting*, 4:2: 91-96.
31. Kain, Z., **Mayes, L.C.**, Schottenfeld, R., et al. (1995). Thrombocytopenia in pregnant women who use cocaine. *American Journal of Obstetrics and Gynecology*, 173: 885-890. [PMID: 7573263]
32. Kain, Z., **Mayes, L.C.**, Cicchetti, D., et al. (1995). A measurement tool for preoperative anxiety in young children: The Yale Preoperative Anxiety Scale (YPAS). *Child Neuropsychology*, 1: 3: 203-210.
33. **Mayes, L.C.** and Cicchetti, D.V. (1995). Prenatal cocaine exposure and neurobehavioral development: How subjects lost to follow-up bias study results. *Child Neuropsychology*, 1: 2: 128-139.
34. **Mayes, L.C.**, Klin. A., Tercyak, K., Cicchetti, D., and Cohen, D. (1996). Test-retest reliability for false-belief task. *Journal of Child Psychology and Psychiatry*, 37: 313-319. [PMID: 8707914]
35. **Mayes, L.C.** and Carroll, K. (1996). Neonatal withdrawal syndrome in infants exposed to cocaine and methadone. *International Journal of the Addictions*, 31:2: 241-253. [PMID: 8834011]
36. **Mayes, L.C.**, Bornstein, M.H., Chawarska, K., and Granger, R.H. (1996). Impaired regulation of arousal in 3-month-old infants exposed prenatally to cocaine and other drugs. *Development and Psychopathology*, 8: 29-42.
37. **Mayes, L.C.** and Cohen, D.J. (1996). Children's developing theory of mind. *Journal of the American Psychoanalytic Association*, 44: 117-142. [PMID: 8717481]
38. **Mayes, L.C.** and Cohen, D.J. (1996). Anna Freud and Developmental

Psychoanalytic Psychology. *Psychoanalytic Study of the Child*, 51: 117-141. [PMID: 9029954]

39. Kain, Z.N., **Mayes, L.C.**, Caramico, L.A., Spieker, M., Nygren, M.M., and Rimar, S. (1996). Parental presence during induction of anesthesia: A randomized controlled trial. *Anesthesiology*, 84: 1060-1067. [PMID: 8623999]

40. Kain, Z.N., **Mayes, L.C.**, Ferris, C.A., Pakes, J., and Schottenfeld, R. (1996). Cocaine-abusing parturients undergoing cesarean section: A cohort study. *Anesthesiology*, 85:5: 1028-1035. [PMID: 8916819]

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111. Chaplin, T.M., Sinha, R., & **Mayes, L.C.** (2008, November). Gender and stress response in low-income adolescents. Poster presented at the Office of Research on Women's Health Fifth Annual Interdisciplinary Women's Health Research Symposium, Bethesda, MD.
112. Chaplin, T.M., **Mayes, L.C.**, Fahy, T., & Sinha, R. (2008, June). Effects of Prenatal cocaine exposure on toddlers' emotional arousal and regulation: Implications for behavior problems across a three-year follow-up. Poster presented at the annual meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.
113. Oberlander T.F, Weinberg J, **Mayes L.C.**, Riggs W, Rurak D, Papsdorf M, Misri S, Grunau R (2008). Hypothalamic-pituitary-adrenal (HPA) axis function in 3 months old infants with prenatal serotonin reuptake inhibitor (SRI) antidepressant exposure. (XVIth Biennial International Conference on Infant Studies, Vancouver, BC.)
114. Tasgin S, Leckman JF, **Mayes L.C.**, Feldman R, Swain JE (2008) Cesarean Section Affects Parental Brain Responses to Baby Stimuli. 18th World Congress of the International Association for Child and Adolescent Psychiatry and Allied Professions Istanbul, Turkey, April 30-May 3.
115. Swain JE, Leckman JF, **Mayes L.C.**, Feldman R, Hoyt E, Kang H, Kim P, Nguyen S, Schultz RT (2008) Association of Parental Thoughts and Brain Activity in Healthy First-Time Parents. Society for Biological Psychiatry 63rd Annual Meeting Washington DC, May 1-3.
116. Swain JE, Leckman JF, **Mayes L.C.**, Feldman R, Hoyt E, Kang H, Kim P, Nguyen S, Schultz RT (2008) Functional Neuroimaging & Psychology of Parent-Infant Bonding. International Society for Magnetic Resonance in Medicine 16th Annual Meeting Toronto, Canada, May 3-9.
117. Leckman JF, Swain JE, **Mayes L.C.**, Feldman R, Schultz RT (2008) Primary Parental Preoccupation: Reorganization of Brain Circuits involved in Worry, Reward and Habit Formation World Association for Infant Mental Health World Congress

Yokohama, Japan, August
Parent Brains Respond to Baby Stimuli According to Relationship and Timing. Canadian Academy of Child and Adolescent Psychiatry 28th Annual Meeting Vancouver, Canada, September 7-9.

118. Swain JE, Leckman JF, **Mayes L.C.**, Feldman R, Hoyt E, Kang H, Kim P, Schultz RT (2008) Parental Psychology, Behavior and Brain Activity in Healthy First-Time Parents. World Psychiatric Association 11th International Congress Prague, Czech Republic, September 20-25.

119. Kim P, Leckman JF, **Mayes L.C.**, Swain JE (2008) The Plasticity of the Human Maternal Brain: A Voxel-Based Morphometry Study American Academy of Child and Adolescent Psychiatry 55th Annual Meeting Chicago, IL, October 28 – November 2.

120. Sooriyakumaran P, Feldman R, Leckman JF, **Mayes L.C.**, Swain JE (2008) Brain Activations To Own-Baby Stimuli Correlated to Other Parenting Measures American Academy of Child and Adolescent Psychiatry 55th Annual Meeting Chicago, IL, October 28 – November 2.

121. Kim P, **Mayes L.C.**, Leckman JF, Feldman R, Swain JE (2008) Breastfeeding vs. Formula-feeding mothers' brain response to infant cry stimuli in the early postpartum period. Society for Neuroscience 38th Annual Meeting Washington DC, November 15-19.

122. Swain JE, Leckman JF, **Mayes L.C.**, Feldman R, Kim P, Hoyt E, Kang H, Nguyen S, Tasgin E, Constable RT, Schultz RT (2008) Functional Brain Imaging Of Parent Responses To Infant Stimuli: Timing, Experience, Delivery, Breastfeeding, And Relationship American College of Neuropsychopharmacology 47th Annual Meeting Scottsdale, Arizona, December 7-11. *HOT TOPIC SELECTION*

123. Cheung, C., Rutherford, H. J. V., **Mayes, L.C.**, & McPartland, J. C. (2009). Neural response to faces reflect social personality traits. Poster presented at the 117th American Psychological Association annual conference, Toronto, Canada.

124. Nolte, T., Fonagy, P., Blatt, S.J., Rutherford, H.J.V., & **Mayes, L.C.** (2009). Effects of the activated attachment system on performance in mentalization tasks using idiosyncratic stressors in adults. Poster presented by the first author at the American Psychoanalytic Association Winter Meeting, New York.

125. Nolte, T., Rutherford, H.J.V., Fonagy, P., Blatt, S.J., & **Mayes, L.C.** (2009). Investigating the decoupling effect of attachment-related stress on mentalisation ?neural correlates in an event related potentials study. Presentation given by the first author at the NPSA Open Research Day, Paris.

126. Crowley, M.J., Wu, J., Rutherford, H.J.V., **Mayes, L.C.** (2009, October). The FRN: Temporal Parameterization and Relations with Perceived Stress and Personality. Poster

presented at the 49 annual meeting on Society for Psychophysiological Research, Germany

127. Anderson, E.R., Crowley, M.J., Wu, J., King; R., Warnick, E., **Mayes, L.C.** (2009, November). Emotion Regulation in Anxious Clinically-Referred and Comparison Youth. Poster Presented at the 43rd Annual Meeting of the Association for Behavioral and Cognitive Therapies, New York, New York.

128. Crowley, M.J., Anderson, E.R., Wu, J., King; R., Warnick, E., **Mayes, L.C.** (2009, November) Probing Social Rejection in Child Anxiety with Cyberball. Poster Presented at the 43rd Annual Meeting of the Association for Behavioral and Cognitive Therapies, New York, New York.

129. Crowley, M. J., Wu, J., Lejuez, C. W. & **Mayes, L.C.** (2009, March). Risk-Taking, Gender and Feedback Negativity Response to Loss Among At-Risk Adolescents Paper presented at the Gatlinburg Conference, New Orleans, Louisiana.

130. Crowley, M. J., Wu, J., Bailey, C. A. & **Mayes, L.C.** (2009, April). Avoidant Attachment, Social Exclusion and Re-entry into Fair Play. Paper Presented at the Society for Research in Child Development (SRCD), Denver, Colorado.

131. Bobbitt, K., Bridgett, D., and **Mayes, L.C.** (2009). The role of chaos in the development of internalizing behavior problems in children. Jean Piaget Society, Park City, Utah.

132. Borelli, J.L., Crowley, M.J., & **Mayes, L.C.** (November, 2009). Association Between School-Age Children's Internalizing Symptoms and Subjective, Behavioral, and Physiological Indicators of Emotion Regulation. Paper presented in symposium (Chair: L.M. Hilt), The Role of Emotion Regulation in the Development of Psychological Symptoms in Youth, Association for Behavioral and Cognitive Therapies, New York, NY.

133. Borelli, J.L., Crowley, M.J., David, D.H., Anderson, G.M., & **Mayes, L.C.** (April, 2009). Attachment in Childhood: Links with Subjective, Neuroendocrine, and Psychophysiological Indices of Emotion Reactivity/Regulation. Paper presented in symposium (Chair: D.H. David), The Neurocognitive, Physiological, and Cognitive Markers of Insecure Attachment Across the Lifespan, Society for Research in Child Development Biennial Conference, Denver, CO.

134. Landi, N., Mencl, W. E., Worhunsky, P. Jiansong, X., Erbe, J., Irwin, J. R., Topf, J., Potenza, M.N., & **Mayes, L.C.** (October, 2009) fMRI and EEG measures of adult processing of infant emotion. Poster presented at the annual meeting of the Society for Neuroscience, Chicago, IL.

135. Landi, N., Mencl, W.E., Erbe, J., Potenza, M.N., Irwin, J.R., Topf, J., & **Mayes, L.C.** (March, 2009). Functional Cortical Activation Associated with Processing of Infant

Emotional State. Poster presented at the sixteenth annual meeting of the cognitive neuroscience society, San Francisco, CA.

136. Erbe, J., Landi, N., Irwin, J., Mencl, E., Topf, J., Potenza, M. & **Mayes, L.C.** (March, 2009). EEG Measures of Adult Response to Infant Emotion. Poster presented at the sixteenth annual meeting of the cognitive neuroscience society, San Francisco, CA.

137. Chaplin, T. M., Sinha, R., & **Mayes, L.C.** (2009, November). Gender and stress response in cocaine exposed adolescents. Paper presented at the Office of Research on Women's Health Sixth Annual Interdisciplinary Women's Health Research Symposium, Bethesda, MD.

138. Chaplin, T. M. & **Mayes, L.C.** (2009, June). Stress response and risk for substance use in prenatally cocaine exposed and non exposed adolescents. In R. Sinha & K. Brady (Chairs), How Stress Contributes to Addiction Vulnerability: Studies from Adolescent and Adult Samples. Symposium conducted at the annual meeting of the College on Problems of Drug Dependence, Reno, Nevada.

139. Chaplin, T.M., Sinha, R., & **Mayes, L.C.** (2009, April). Emotion socialization of prenatally cocaine exposed children. Poster presented at the biennial meeting of the Society for Research on Child Development, Denver, CO.

140. Suchman, N., DeCoste, C., Castiglioni, N., & **Mayes, L.C.** (2009). Attachment-based program for substance abusing mothers: Treatment approach, outcomes and integrity in a randomized trial. Invited paper presentation for the Society for Research on Child Development, biennial meeting, Denver, CO, April 4, 2009.

141. Weikum W, **Mayes L.C.**, Grunau RE, Brain U, Misri S and Oberlander T. (2009). The Impact of Prenatal Selective Serotonin Reuptake Inhibitor (SSRI) Exposure and Maternal Mood on Mother-Infant Interactions at 3 Months. Pediatric Academic Societies Annual Meeting Baltimore, Maryland.

142. Suchman, N., DeCoste, C., & **Mayes, L.C.** (2010). Mothering from the Inside Out: An attachment-based intervention for mothers in substance use treatment. Invited presentation, Conference on mentalization-based interventions for children, young people and their families, Yale Child Study Center.

143. Suchman, N., & **Mayes, L.C.** (2009). Breaking the cycle: Reflective functioning and maladaptive attachment cycles of drug-addicted mothers and their infants. Invited poster presentation for the SRCD biennial meeting, Denver, CO, April 4, 2009.

144. Suchman, N., DeCoste, C., Castiglioni, N., & **Mayes, L.C.** (2009). An attachment-based parenting intervention for substance-abusing mothers: Preliminary findings from a randomized clinical trial. Invited poster presentation for SRCD biennial meeting, Denver, CO, April 2, 2009.

145. Swain JE, Leckman JF, **Mayes, L.C.**, Feldman R, Kim P, Hoyt E, Kang H, Nguyen S, Tasgin, E, Constable RT, Schultz, RT (2009) Functional Brain Imaging Of Parent Responses To Infant Stimuli: Timing, Experience, Mode of Delivery, Breastfeeding, and Dyadic Relationship North American Society for Psychosocial Obstetrics and Gynecology 35th Annual Meeting New Haven, CT, February 4-7.
146. Kim P, **Mayes L.C.**, Leckman JF, Feldman R, Swain JE (2009) Breastfeeding vs. Formula-feeding mothers' brain response to infant cry stimuli in the early postpartum period. Cognitive Neuroscience Society 16th Annual Meeting San Francisco, CA, March 21-24.
147. Swain JE, Feldman R, Kim P, Sooriyakumaran P, **Mayes L.C.**, Leckman JF (2009) Parental Brain Activity in Response to Baby Stimuli Correlates with Behavior and Mood 3rd Annual Workshop on Concepts, Actions, and Objects: Functional and Neural Perspectives Rovereto, Italy, April 22-25.
148. Swain JE, **Mayes, L.C.**, Feldman R, Kim P, Leckman JF (2009) Brain Activity in Parents In Response to Baby Stimuli Correlates with Parent-Infant Interactions and Varies with Mood Society for Biological Psychiatry 64th Annual Meeting Vancouver, Canada, May 14-16.
149. Swain JE, Kim P, Feldman R, **Mayes L.C.**, Leckman JF (2009) Parental Brain Activity In Response to Baby Stimuli Varies with Gender and Correlates with Mood and Parent-Infant Interactions Organization for the Study of Sex Differences 3rd Annual Meeting Toronto, Canada, June 4-6
150. Swain JE, Leckman JF, **Mayes L.C.**, Feldman R, Tasgin E, Kim P, Schultz RT (2009) Functional Brain Activations of Parents Listening to Their Own Baby-Cry that Change over the Early Postpartum and Vary According to Delivery International Behavioral Neuroscience Society 18th Annual Meeting Nassau, Bahamas, June 9-14.
151. Orday, M., Sadler, L., Slade, A, & **Mayes, L.C.** (2009). Parental Reflective Functioning and Child Outcomes. Poster presented to 21st Annual Eastern Nursing Research Society Scientific Sessions Boston, MA.
152. Swain JE, Leckman JF, **Mayes L.C.**, Feldman R, Tasgin E, Kim P, Schultz RT (2009) Functional Brain Activations of Parents Listening to Their Own Baby-Cry that Change over the Early Postpartum and Vary According to Delivery 31st International Ethological Conference 31st Annual Meeting Rennes, France, August 19-24
153. Swain JE, Feldman R, Kim P, **Mayes L.C.**, Leckman JF (2009) Brain activity in response to own-baby picture and cry predict parenting Society for Neuroscience 39th Annual Meeting Chicago, IL, October 17-21.
154. Swain JE, Feldman R, Pilyoung K, **Mayes L.C.**, Sooriyakumaran P, Leckman JF

(2009) Brain Activations To Own-Baby Stimuli Correlated to Other Parenting Measures American Academy of Child and Adolescent Psychiatry 56th Annual Meeting Honolulu, HI, October 27 - November 1.

155. Swain JE, Kim P, Feldman R, **Mayes, L.C.**, Sooriyakumaran P Leckman JF (2008) Parental Brain: Functional and Structural Imaging, Timing, Thoughts and Behaviors Canadian Academy of Child and Adolescent Psychiatry 29th Annual Meeting Toronto, Canada, November 12-14.

156. Swain JE, Feldman R, **Mayes, L.C.**, Leckman JF (2009) Brain Structure and Activity in Response to Own-Baby Stimuli – Parental Brains Vary According to Timing, Gender and Predict Parenting Behaviors American College of Neuropsychopharmacology 48th Annual Meeting Hollywood, Florida, December 6-10

157. Swain JE, Feldman R, **Mayes, L.C.** Leckman JF (2010) Brain Responses to Own Infant Pictures: Correlations With Parental Sensitivity International Conference on Infant Studies 17th Annual Meeting Baltimore, Maryland, March 11-14

158. Slade, A., Sadler, L., & **Mayes, L.C.** (2009). Maternal Reflective Functioning as a Moderator of Intervention Effects in Predicting Infant Attachment. Presentation for Annual meeting of the Society for Research in Child Development, Denver, CO.

159. Sadler, L., Webb., D., Slade, A., and **Mayes, L.C.** (2009). A Reflective Parenting Program for Young Families. Presentation for the 9th International Family Nursing Conference, Reykjavik, Iceland.

160. Oberlander T.F, Weinberg J, **Mayes L.C.**, Riggs W, Rurak D, Papsdorf M, Misri S, & Grunau R (2009). Hypothalamic-pituitary-adrenal (HPA) axis function in 3 months old infants with prenatal serotonin reuptake inhibitor (SRI) antidepressant exposure. (XVIth Biennial International Conference on Infant Studies, Vancouver, BC. 2008)

161. Weikum W, **Mayes L.C.**, Grunau RE, Brain U, Misri S and Oberlander T. (2009). The Impact of Prenatal Selective Serotonin Reuptake Inhibitor (SSRI) Exposure and Maternal Mood on Mother-Infant Interactions at 3 Months. Pediatric Academic Societies Annual Meeting Baltimore, Maryland.

162. McPartland, J., Schultz, R., **Mayes, L.C.** & Klin, A. (2009, August). *Preserved neural specialization for non-social information in autism*. Paper presented at the American Psychological Association Annual Convention, Toronto, Canada.

163. Cheung, C.*, Morrow, V., **Mayes, L.C.** & McPartland, J. (2009, August). *Neural correlates of cartoon versus human faces: A pilot study*. Poster presented at the American Psychological Association Annual Convention, Toronto, Canada. (* Mentored student)

164. Oberlander, T.F. Grunau, R.E. Brain, U. and **Mayes, L.C.** (2010). Information processing in 3-month infants with prenatal exposure to selective serotonin reuptake inhibitor (SSRI) antidepressants. Society for Pediatric Research.
165. Willers, M.E., M.E. Tay, L.S., Samuels, K.J., **Mayes, L.C.**, Weeks, B.P. (2010). The Impact of Prenatal Diagnosis of Congenital Heart Disease on Parental Knowledge and Anxiety, and on Parent-Child Attachment. Presentation at Children's Hospital of Philadelphia Pediatric Cardiology Conference (February 2010) and published in *Cardiology in the Young*.
166. de Castro, F., Ayala, N.H., **Mayes, L.C.** (2010). Maternal Attributions of Intentionality: Measuring Adaptive and Pathological Maternal Projections. Selected Posters From the 2010 Annual Poster Session. *J Am Psychoanal Assoc.* 2010: 58: 545.
167. McPartland, J., Crowley, M., Molfese, P., Perszyk, D., Klin, A. & **Mayes, L.C.** (2010, May). *Neural correlates of social exclusion in autism spectrum disorder*. Paper presented at the International Meeting for Autism Research, Philadelphia, PA.
168. Kilroy, E.*, Cheung, C., Perszyk, D., **Mayes, L.C.** & McPartland, J. (2010, May). *Autistic-like behaviors, social personality characteristics, and neural correlates of face perception in the general population*. Poster presented at the International Meeting for Autism Research, Philadelphia, PA. (* Mentored student)
169. Perszyk, D.*, Molfese, P., Kilroy, E., **Mayes, L.C.**, Klin, A. & McPartland, J. (2010, May). *Developmental changes in brain bases of face perception as revealed by ERPs*. Poster presented at the International Meeting for Autism Research, Philadelphia, PA. (* Mentored student)
170. McPartland, J., Crowley, M., Molfese, P., Perszyk, D., Klin, A. & **Mayes, L.C.** (2010, August). *Behavioral and brain responses to social exclusion in children with autism*. Paper presented at the American Psychological Association Annual Convention, San Diego, CA.
171. Shona M. Tritt, Helena Rutherford, Douglas S. Mennin, **Linda C. Mayes**. Political conservatism and uncertainty-bias in patients with generalized anxiety disorder: An event related potentials study. Presented at the 12th Annual Meeting of the Society for Personality and Social Psychology, San Antonio, Texas, U.S.A., January 27-29, 2011.
172. Shona M. Tritt, Douglas Mennin, Helena Rutherford, Michael J. Crowley, **Linda C. Mayes**. An Event-Related Potential Study of Emotional Processing in Patients with Generalized Anxiety Disorder. Presented at the Inaugural Conference of the Rotman Research Institute and the Kunin-Lunenfeld Applied Research Unit: Neuroscience of Emotion and Emotion Related Disorders, Toronto, Canada, March 27-29, 2011.
173. The Role of Executive Functions in Facilitating Soothing Behavior During Interactions with a Simulated Distressed Infant. Katie M. Laws^{1*}, Melissa Naso¹, Kate B. Oddi¹, Brittney Keilman-Wyatt^{1*}, Liz Hougland¹, Brittney Wyatt^{1*}, Grant Allen¹, David Bridgett¹, Helena Rutherford², & **Linda Mayes²**. Northern Illinois University¹, Yale

University School of Medicine². Society for Research in Child Development, Toronto, 2011.

174. Gender Differences in Emotion Expression in Prenatally Cocaine Exposed Adolescents during a Stressful Task. N. Panjwani^a, A.L.B. Thomasson^b, T. M. Chaplina, R. Sinha^a, & **L. C. Mayes**. ^a: Department of Psychiatry, ^b: Child Study Center- Yale University School of Medicine, New Haven, CT. Society for Research in Child Development, Toronto, 2011.

175. Food Cue Elicited Event-Related Potentials reflect food craving individual differences in adolescents. J. Wu, M.J. Crowley, & **L.C. Mayes**. Child Study Center, Yale University, New Haven, CT. Society for Research in Child Development.

176. Social Stress and Adolescent Risk-Reward Behavior. R. Hommer, M. Crowley, J. Blood, T. Chaplin, & **L.C. Mayes**. 2011. European Society for Child & Adolescent Psychiatry. Helsinki, Finland.

177. Adolescents' Responses to Parent-Adolescent Conflict: Associations with Alcohol Use Initiation. Tara M. Chaplin, Rebecca E. Blanton, Rebecca E. Hommer, Michael J. Crowley, Rajita Sinha, & **Linda C. Mayes**. Yale University School of Medicine, New Haven, CT. Research Society on Alcoholism Atlanta, Georgia, 2011.

178. Cheung C.*, Perszyk, D., **Mayes, L.C.** & McPartland, J. (2011, May). *Positions of gaze fixation influence face-related ERPs*. Poster presented at the UCL/AFC Conference on the Implications of Research on the Neuroscience of Affect, Attachment and Social Cognition, London, UK. (* Mentored student).

179. Naples, A.*, Perszyk, D., Crowley, M. J., Wu, J., **Mayes, L.C.** & McPartland, J. (2011, May). *Face processing delays in ASD are robust to variations in visual attention*. Paper presented at the International Meeting for Autism Research, San Diego, CA. (* Mentored student)

180. Perszyk, D.*, Crowley, M., Naples, A., Wu, J., Nguyen-Phuc, A., Viktorinova, M., **Mayes, L.C.** & McPartland, J. (2011, May). *Neural mechanisms of reward processing in ASD*. Poster presented at the International Meeting for Autism Research, San Diego, CA. (* Mentored student)

181. Viktorinova, M.*, Perszyk, D., Wu, J., Naples, A., Rutherford, H., **Mayes, L.C.** & McPartland, J. (2011, May). *Temporal dynamics of subliminal and supraliminal emotional face perception in individuals with autistic traits*. Poster presented at the International Meeting for Autism Research, San Diego, CA. (* Mentored student)

182. McPartland, J., Perszyk, D., Crowley, M., Naples, A. & **Mayes, L.C.** (2011, August). *Visual attention modulates neural response to faces in children with autism*. Paper presented at the American Psychological Association Annual Convention, Washington, DC.

183. Associations among maternal anxiety levels, maternal brain activity at the first month postpartum and infants' socioemotional outcomes at 18-24 months. Pilyoung Kim, Ruth Feldman, James F. Leckman, **Linda C. Mayes**, Pamela M. Cole, James E. Swain. 2012. International Society of Infant Studies Meeting in Minneapolis, Minnesota.
184. Cox, A.*, Naples, A., Rutherford, H., Coffman, M., Mukerji, C., **Mayes, L.C.** & McPartland, J. (2012, May). *Neural mechanisms of social and non-social reward and their relation to autistic traits*. Poster presented at the International Meeting for Autism Research, Toronto, Canada. (* Mentored student).
185. Naples, A.*, Coffman, M., Mukerji, C, E., Wu, J., **Mayes, L.C.** & McPartland, J. (2012, May). *Brain response to gaze contingent eye-contact in ASD*. Poster presented at the International Meeting for Autism Research, Toronto, Canada. (* Mentored student).
186. Righi, G.*, Mukerji, C., Coffman, M., Naples, A., **Mayes, L.C.** & McPartland, J. (2012, May). *Electrophysiological markers of social perception in infants at risk for autism*. Poster presented at the International Meeting for Autism Research, Toronto, Canada. (* Mentored student).
187. McPartland, J., Righi, G., Mukerji, C., Coffman, M., Naples, A. & **Mayes, L.C.** (2012, August). *Neural sensitivity to biological motion in infants at-risk for autism*. Paper accepted for presentation at the American Psychological Association Annual Convention, Orlando, FL
188. Simmons, Jessica A.,¹ Crowley, Michael J.,² Hommer, Rebecca E.,² **Mayes, Linda C.**,² & Chaplin, Tara¹. ¹Department of Psychiatry, Yale University ²Yale Child Study Center, Yale University. (2013, April). *Parent-Adolescent Conflict Interactions on Adolescent Externalizing Problem Behaviors*. Poster presented at the "2013 Society for Research in Child Development Biennial Meeting" in Seattle, WA
189. Goettsche, Emily; Gal, Diana; Strathearn, Lane; Potenza, Marc; Rutherford, Helena & **Mayes, Linda**. (2013, April). *A neurophysiological study of substance use on maternal perception of emotional infant faces*. Poster presented at the "2013 Society for Research in Child Development Biennial Meeting" in Seattle, WA.
190. Gal, Diana; Rutherford, Helena; Goettsche, Emily; Strathearn, Lane; Potenza, Marc & **Mayes, Linda**. (2013, April). *The impact of maternal substance use on the neural response to infant cry*. Poster presented at the "2013 Society for Research in Child Development Biennial Meeting" in Seattle, WA
191. Robb, Jenny; Tominey, Shauna; Southwick, Steven; and **Mayes, Linda**. (2013, April). *The Impact of Parent Stress on Child Stress and Child Quality of Life Outcomes for Children with Serious Medical Illness*. Poster presented at the "2013 Society for Research in Child Development Biennial Meeting" in Seattle, WA

192. Cook, Emily C., **Mayes, Linda**; Crowley, Michael; Hommer, Rebecca; and Chaplin, Tara. (2013, April). *Individual Differences in Adolescents' Stress Response and Associations with Internalizing and Externalizing Problems*. Poster presented at the 2013 Society for Research in Child Development Biennial Meeting" in Seattle, WA.
193. Crowley, M.J., Marquez, C., & **Mayes, L.C.** (2013) Social exclusion in the socially anxious youth: Neural correlates, fear of negative evaluation and persistent distress. Presenatation at 2013 Society for Research in Child Development Biennial Meeting" in Seattle, WA.
194. Graber, K.M., Rutherford, H.J.V., Potenza, M.N., & **Mayes, L.C.** (2015) *The impact of substance use on maternal responsiveness to infant cues*. Poster presented at 2015 Society for Research in Child Development, Philadelphia, PA.
195. Bridgett, D., Rutherford, H.J.V., & **Mayes, L.C.** (2015). *Responding to Infant Distress: Putting Parenting under the Microscope using a Baby Simulator*. Presentation at 2015 Society for Research in Child Development, Philadelphia, PA.
196. Wi, J., Crowley, M., **Mayes, L** & Baskin-Sommers, A. (2015). Time-Frequency Measures Differentially Index Affective Processing of Pictures in Psychopathic and Externalizing Offenders. Presentation given at the Society for the Scientific Study of Psychopathy, Chicago, IL.
197. Crowley, M. J., Wu, J., & **Mayes, L. C.** (2015, September). Event-Related Theta Dynamics In Adolescent Risk Taking And Risk Avoidance. In *PSYCHOPHYSIOLOGY* (Vol. 52, pp. S18-S18).
198. Chaplin, T. M., Hansen, A., Simmons, J., **Mayes, L. C.**, Hommer, R. E., & Crowley, M. J. (2015). Parent-teen drug use discussions: Associations with substance use. *Drug & Alcohol Dependence*, 146, e244.
199. Banz, B.C., Wu, J., Brennan, G.M., Crowley, M.J., **Mayes, L.C.**, Potenza, M.N., Baskin-Sommers, A. (2017). Understanding the relationship between drug and alcohol-use-related problems and the neural processing of Cyberball induced ostracism. Poster to be presented for the annual meeting of the Research Society on Alcoholism, Denver, CO.
200. Stackhouse, B. K., Netter, F. H., Lacadie, C., Potenza, M., & **Mayes, L. C.** (2017). 6.3 Functional Connectivity Analysis of Maternal Brain Responses to Infant Stimuli and How They Are Moderated By Substance Abuse. *Journal of the American Academy of Child & Adolescent Psychiatry*, 56(10), S277.
201. Hammond, C., Krishnan-Sarin, S., Potenza, M., **Mayes, L. C.**, & Crowley, M. (2017). 6.46 Unique and Shared Effects of Alcohol, Marijuana, and Tobacco on Electrophysiological Signatures of Reward and Punishment Processing, Impulsivity, and

Affect in Adolescent Daily Cigarette Smokers. *Journal of the American Academy of Child & Adolescent Psychiatry*, 56(10), S292.

202. Kishore, A., Silverman, M.A., Alleyne, S.D., Benoit, M.B., Leikauf, J., Martin, A., **Mayes, L.C.**, Miller, S.M., Post, M., Stubbe, D.E. and Zalpuri, I., 2017. 56.0 A Tale of Two Departments: How Implicit Bias Divides Us and Can Unite Us. *Journal of the American Academy of Child & Adolescent Psychiatry*, 56(10), p.S82.

203. Desir, A. K., **Mayes, L. C.**, Woolston, J. L., Adnopo, J. A., & Katsoyich, L. (2018). 5.6 Attachment and Functioning: The Intersection Between Childhood Events and Children's Response to an Intensive In-Home, Family-Based Intervention. *Journal of the American Academy of Child & Adolescent Psychiatry*, 57(10), S228-S229.

204. Gao, L., **Mayes, L. C.**, & Rutherford, H. J. (2018). 1.3 Early Parental Care, Reflective Functioning, and the Neural Markers of Maternal Sensitivity in Pregnancy. *Journal of the American Academy of Child & Adolescent Psychiatry*, 57(10), S136.

SELECTED INVITED PRESENTATIONS

REGIONAL AND NATIONAL

1. **Mayes, L.C.** (1986). The cry as a communicative signal. Harvard School of Medicine Continuing Education Symposium.
2. **Mayes, L.C.** (1991). Prenatal cocaine exposure: What of the children? Martin Luther King Day, Yale University School of Medicine.
3. **Mayes, L.C.** (1992). Beliefs, feelings, and desires: The child's emerging understanding of other minds. Muriel Gardiner Society for Psychoanalysis and the Humanities, New Haven, CT.
4. **Mayes, L.C.** (1994). The relevance of studies of children's developing theory of mind for the development of a capacity for imagination. Rapaport-Klein Symposium on Analytic Research, June, Stockbridge, CT.
5. **Mayes, L.C.** (1995). Children's emerging understand of mental life. Boston Child Psychoanalytic Association.
6. **Mayes, L.C.** (1997). Evolution, attachment, romantic and parental love. Rapaport-Klein Study Group, Annual meeting, Stockbridge, MA.
7. **Mayes, L.C.** (1998). Prenatal cocaine exposure and attention regulation in 4 to 5 year old children. Invited Presentation, Eastern Psychological Association, Boston, MA
8. **Mayes, L.C.**, Kessen, W. (1998). Transparency in science and psychoanalysis: the

problem of the unobservable. Muriel Gardiner Seminar for Psychoanalysis and the Humanities, New Haven, CT.

9. **Mayes, L.C.** (1998). What makes development happen? The Boston Psychoanalytic Society and Institute, Inc., Boston, MA.
10. **Mayes, L.C.** (2000). A Developmental Neurobiological Perspective on Arousal Regulation. Rebecca Solomon Lecture, Institute of Living, Hartford, CT May 3, 2000.
11. **Mayes, L.C.** (2001). Being Investigator And Psychoanalyst: Quixotic Double Life Or Synthetic Quest. Western New England Institute for Psychoanalysis, New Haven, CT. September 29, 2001.
12. **Mayes, L.C.** (2001). Prefrontal cortical function and prenatal cocaine exposure. Center for Developmental Cognitive Neuroscience, Eunice Kennedy Shriver Center at University of Massachusetts Medical School.
13. **Mayes, L.C.** (2003). Reflections on future challenges for psychoanalysis. Western New England Institute for Psychoanalysis, Fiftieth Anniversary Celebration, New Haven, CT, October 2003.
14. **Mayes, L.C.** (2008). The art and business of scientific communication. Fulton Lecture. April, 2008, New Haven.
15. **Mayes, L.C.** (2012). The impact of early adversity on childhood health and development. Annual Clifford Beers symposium on the long-term outcome of trauma. New Haven.
16. **Mayes, L.C.** (2013). Making Room in One's Mind for a Child: How the Brain and Mind Change with Parenthood. Shulman Lecture, Yale University, Whitney Humanities Center Program on Science and Humanities.
17. **Mayes, L.C.** (2012). Transition To Parenting As An Adult Developmental Phase: Psychobiology Of Parenting. Rapaport-Klein Symposium, Stockbridge, MA.
18. **Mayes, L.C.** (2013). Making Room in One's Mind for a Child: How the Brain and Mind Change with Parenthood.. Invited speaker to conference on attachment based interventions at MGH, Boston, MA.
19. **Mayes, L.C.** (2013). Long-term Outcome of Prenatal Cocaine Exposure and Relationship to Early Adversity. Harvard School of Medicine Symposium on Prenatal Exposures, Boston, MA.
20. **Mayes, L.C.** (2014). The neurobiology of child neglect and abuse. Seminar at Harvard Center for the Developing Child, Boston, MA.

21. **Mayes, L.C.** and Yu, K. (2014). The psychology of place in child development. Austen Riggs Symposium on Place and Psychological Development. Stockbridge, MA.
22. **Mayes, L.C.** (2015). The neural circuitry of attachment and the relation to interventions for parents. Scientific Session for Connecticut Society for Psychoanalytic Psychology, New Haven.

NATIONAL

23. **Mayes, L.C.** (1990). A developmental approach to the state of being curious. National Center for Clinical Infant Programs, Washington, DC.
24. **Mayes, L.C.** and Granger, R.H. (1990). Methodologic issues in studying the sequelae of prenatal cocaine exposure. National Center for Clinical Infant Programs, Washington, DC.
25. **Mayes, L.C.**, Cohen, D.J., and Klin, A. (1991). Experiencing self and others: A psychoanalytic perspective on theory of mind and autism. Society for Research in Child Development, Pre-meeting symposium on Theory of Mind, Seattle, WA.
26. **Mayes, L.C.** and Klin, A. (1991). The development of a capacity to understand metaphor and irony in early childhood. National Center for Clinical Infant Programs, Washington, DC.
27. **Mayes, L.C.** and Cohen, D.J. (1991). Experiencing self and others: Contributions from studies of autism to the psychoanalytic theory of social development. American Psychoanalytic Association.
28. **Mayes, L.C.** and Cohen, D.J. (1992). The concept of constitution and endowment in child psychoanalysis. American Academy of Child and Adolescent Psychiatry. Washington, DC.
29. **Mayes, L.C.** (1993). Effects of cocaine exposure on the behavioral outcomes of preschool aged children. NIDA Technical Conference, Washington DC.
30. **Mayes, L.C.** (1993). Methodologic dilemmas in understanding the effects of prenatal cocaine exposure. NIDA Symposium on Special Issues in Substance Abuse, Washington DC.
31. **Mayes, L.C.** and Cohen, D.J. (1993). Love and aggression in the preschool child. Society for Research in Child Development, New Orleans, LA.
32. **Mayes, L.C.** (1994). Children exposed prenatally to cocaine: A model for studies of early trauma. Workshop on Urban Violence and Trauma in Childhood at the American Academy of Child and Adolescent Psychiatry Meetings, San Antonio, TX.
33. **Mayes, L.C.** (1994). Biologic models of prenatal cocaine exposure. Developmental colloquium, Center for Studies of Child Development, Robert Wood Johnson Medical School, New Brunswick, NJ.

34. **Mayes, L.C.** (1994). Prenatal cocaine exposure as a model for understanding vulnerability in young children. American Psychoanalytic Association Meetings, Philadelphia, PA.
35. **Mayes, L.C.** (1994). Visual habituation performance in infants exposed prenatally to cocaine. 13th International Association for Child and Adolescent Psychiatry and Allied Professions, San Francisco, CA.
36. **Mayes, L.C.** (1994). The development of a capacity for imagination in young children. Houston-Galveston Psychoanalytic Society Symposium on Child Analytic Research.
37. **Mayes, L.C.** (1994). Urban violence and the relation to children growing up in substance abusing families. Symposium on urban violence presented at the 13th International Association for Child and Adolescent Psychiatry and Allied Professions, San Francisco, CA.
38. **Mayes, L.C.** (1995). Mother-infant interaction between cocaine-abusing parents and their 3 and 6 month old infants. College on Problems of Drug Dependence, Special Panel on Parenting and Substance Abuse, Scottsdale, AZ.
39. **Mayes, L.C.** and Kain, Z (1995). Anxiety among preschool aged children undergoing anesthesia induction. NICHD Symposium ("Child Development and Behavioral Pediatrics") at Society for Research in Child Development, Indianapolis, IN.
40. **Mayes, L.C.** (1996). Early experience and the developing brain: the model of prenatal cocaine exposure. Conference on "Brain Development in Young Children: New Frontiers for Research, Policy, and Practice", Chicago, IL.
41. **Mayes, L.C.** (1997). What makes development happen? Vulnerable Child Discussion Group, Spring meeting of the American Psychoanalytic Association, San Diego, CA.
42. **Mayes, L.C.**, Grillon, C., Granger, R., Schottenfeld, R. (1997). Regulation of arousal and attention in preschool children exposed to cocaine prenatally. New York Academy of Science, Washington, D.C.
43. **Mayes, L.C.** (1998) Prenatal exposure to drugs of abuse may affect later behavior and learning. NIDA, Technical Symposium, Washington DC.
44. **Mayes, L.C.** (1998). Neurodevelopmental outcome of prenatal cocaine exposure. American Psychiatric Association, Annual meeting (Toronto).
45. **Mayes, L.C.** (1998). A second, third, even fourth look at developmental change and child analysis. Vulnerable Child Discussion Group, American Psychoanalytic Association, New York, December, 1998.
46. **Mayes, L.C.** (1999). Developmental approaches to the concept of self. Invited presenter to Symposium of the Institute for Psychoanalytic Training and Research, the Evolution and Dissolution of the Self, New York, NY.

47. **Mayes, L.C.** (1999). Issues of arousal regulation, body image, and object relations with early impoverished caretaking. Invited discussant to Association for Child Psychoanalysis, Seattle, WA.
48. **Mayes, L.C.** (1999). Relevance of developmental neuroscience for clinical psychoanalysis. Invited discussant for American Psychoanalytic Association Spring Meeting, Washington, D.C.
49. **Mayes, L.C.** (1999). Regulation of attention and arousal in children exposed prenatally to cocaine. Child and Adolescent Psychiatry Rounds. Westchester Division of the New York Hospital-Cornell Medical College, New York.
50. **Mayes, L.C.** (1999). Development: the growth of the mind. National Academy for Leadership in Education, 1999 Summer Institute of the School Development Program, New York City.
51. **Mayes, L.C.** (1999). Prenatal Cocaine Exposure and The Regulation Of Arousal And Attention. NIDA Scientific Symposium. Washington, DC.
52. **Mayes, L.C.** (1999). Twin poles of order and chaos: development as a dynamic, self-ordering system. The New York Psychoanalytic Society, Heinz Hartmann Lecture.
53. **Mayes, L.C.** (1999). Twin poles of order and chaos: development as a dynamic, self-ordering system. Philadelphia Psychoanalytic Association, Visiting Lecturer.
54. **Mayes, L.C.** (1999). A Developmental Neurobiological Perspective On The Ego Functions Attention and Arousal Regulation. North American International Psychoanalytic Research conference on Neuroscience, Development and Psychoanalysis. New York.
55. **Mayes, L.C.** (2000). Human Studies of the Neurodevelopmental Sequelae of Prenatal Cocaine Exposure. Special NIDA Symposium on Neuroimaging and Prenatal Drug Exposure. Washington, DC.
56. **Mayes, L.C.** (2000). Understanding the social brain and implications for early development. Invited speaker to special symposium on early development, Harris Foundation, Chicago, Illinois.
57. Lassonde, S., & **Mayes, L.C.** (2001). Looking In and Seeing Out: Contexts of a Longitudinal Study in the Age of Eisenhower. Invited joint presentation to MacArthur Foundation Research Network on Successful Pathways Through Middle Childhood, Santa Monica, California.
58. **Mayes, L.C.** (2001). Parental preoccupation and the biology of parenting. Invited presentation as part of visiting scholar to the Baltimore-Washington Psychoanalytic Society.

59. **Mayes, L.C.** (2001). A neurobiological model of the regulation of arousal and attentional states in high-risk children. Invited presentation as part of visiting professorship to the Menninger Clinic, Topeka, Kansas.
60. **Mayes, L.C.** (2001). A neurobiological model of arousal regulation in prenatally cocaine-exposed school-aged children. Special NIDA symposium at the Society for Research in Child Development, Minneapolis, Minnesota.
61. **Mayes, L.C.** (2002). Recent findings regarding long-term outcome of infants exposed to cocaine prenatally. NIDA scientific symposium, Rockville, Maryland.
62. **Mayes, L.C.** (2002). Addressing the Mental Health Needs of At-Risk Infants, Parents, and Families: The Role of Intragenerational Depression. Special symposium convened by the Harris Foundation, Chicago, Illinois.
63. **Mayes, L.C.** (2003). Challenges for the field of early child development: Helping Parents And Their Young Children. Invited speaker to: Making Wise Investments: How do we help our nation's most vulnerable families? A festschrift for Irving B. Harris. University of Chicago, Chicago, Illinois.
64. **Mayes, L.C.** (2003). Human Studies of the Neurodevelopmental Sequelae of Prenatal Cocaine Exposure. Houston Psychiatric Association, Houston Texas.
65. **Mayes, L.C.** (2003). The neurobiology of parental affiliation. Houston Psychoanalytic Society, Houston Texas.
66. **Mayes, L.C.** (2003) The Neurobiology of emotional regulation in infants and young children. Weil Memorial Lecture, Boston Massachusetts.
67. **Mayes, L.C.** (2003). Arousal regulation and prenatal cocaine exposure. NIDA Center for Addiction Studies, Baltimore, Maryland.
68. **Mayes, L.C.** (2004). Neurodevelopmental sequelae of prenatal cocaine exposure. Columbia University School of Medicine.
69. **Mayes, L.C.** (2004). Maternal Behavior: Genes, neural circuitry, and environmental contexts. University of Cincinnati, Department of Psychiatry, Grand Rounds.
70. **Mayes, L.C.** (2004). Human studies of the neurodevelopmental sequelae of prenatal cocaine exposure. University of Cincinnati, Division of Child Psychiatry, Grand Rounds.
71. **Mayes, L.C.** (2004). Neurodevelopmental sequelae of prenatal cocaine exposure. Special NIDA sponsored symposium at the American Psychiatric Association, New York, NY.
72. **Mayes, L.C.** (2004). Maternal behavior-Neural circuits, genes, and environmental contexts. Psychiatric grand rounds at Southwestern School of Medicine, Dallas,

Texas. (Similar presentation to the Dallas Psychoanalytic Society and The Dallas Foundation for Psychoanalysis)

73. **Mayes, L.C.** (2004). Emotional Regulation in Young Children: Research and Clinical Implications. Plenary Speaker for the Boston Institute for the Development of Infants and Parents, Boston Massachusetts.

74. **Mayes, L.C.** (2004). Perspectives on Parental Affiliation: Neural circuits, genes, and environmental contexts: Psychiatric grand rounds at Baylor College of Medicine, Houston, Texas.

75. **Mayes, L.C.** (2004). Minding the Baby: A Reflective Parenting Program. Invited speaker for Conference on Mentalization Based Therapies; Baylor College of Medicine and Menninger Clinic at Baylor, Houston, Texas.

76. **Mayes, L.C.** (2005). Primary Maternal Preoccupation: The Neural Circuitry of Parenting. Anna Freud Memorial Lecturer. New York Freudian Society.

77. **Mayes, L.C.** (2004). Minding the Baby: A Reflective Parenting Program. Invited speaker for Conference on Mentalization Based Therapies; Baylor College of Medicine and Menninger Clinic at Baylor, Houston, Texas.

78. Slade, A., and **Mayes, L.C.** (2005). Implementing a reflective parenting program. Minding the Baby. Presentation to scientific session of IPTAR, New York, February 2005.

79. **Mayes, L.C.** (2005) Reflective Parenting Interventions. Presented as the Harris Visiting Professor lecture at the Harris Early Child Program, Institute of Child Development, University of Minnesota, May 2005.

80. **Mayes, L.C.** (2005). Mentalization based interventions with high risk first time mothers. Presentation in an institute for the American Association of Child and Adolescent Psychiatry, Toronto, October 2005.

81. **Mayes, L.C.** (2006). Neural Circuitry of Attachment. Prager Lecture at George Washington Univeristy.

82. **Mayes, L.C.** (2007): Developmental Trajectories to Adolescent Substance Abuse. College For Problems on Drug Dependence, Pittsburgh, PA.

83. **Mayes, L.C.** (2007). How Prenatal Cocaine Exposure May Impact Adolescent Risk For Addiction. Sackler Institute, New York, NY.

84. **Mayes, L.C.** (2009). Minding the Baby: Bringing the Basic Science of Parental Attachment to Community Based Services. Annual Conference on Bridging Basic Science and Therapeutic Interventions. Boston, MA.

85. **Mayes, L.C.** (2009). A Psychobiological Model Of Parental Dysfunction: The Role of Early Adversity and Chronic Stress. National Scientific Council for the Developing Child, San Francisco, CA.
86. **Mayes, L.C.** (2010). How Neural Models of Parenting Inform Mentalization Based Interventions with Parents. Sydney Pulver Lecture for the Philadelphia Psychoanalytic Society.
87. **Mayes, L.C.** (2011). The Relationship Between Early Adversity, Adolescent Brain Structure and Function, and Risk Taking. College for Problems on Drug Dependence, Florida and American Psychiatric Association, Washington, DC.
88. **Mayes, L.C.** (2012). Neural Circuitry of Attachment and Parenting. Grand Rounds, MGH Department of Psychiatry.
89. **Mayes, L.C.** (2012). Making Room in One's Mind for a Child: How the Brain and Mind Change with Parenthood. Invited speaker to conference on trauma and early interventions at Baylor College of Medicine.
90. **Mayes, L.C.** (2013). The Relationship Between Early Adversity, Adolescent Brain Structure and Function, and Risk Taking. American Psychiatric Association Symposium, San Francisco, CA.
91. **Mayes, L.C.** (2014). Translating the Neuroscience of Parenting into Interventions for Parents: Minding the Baby. New York Academy of Science, New York.

INTERNATIONAL

92. **Mayes, L.C.** (1993). The child's emerging understanding of other minds. International Psychoanalytic Association Conference on Research, London.
93. **Mayes, L.C.** (1994). Integration of child psychoanalysis and studies of children's developing theory of mind. Istituto Italiano Per Gli Studi Filosofici, "Insight e Teoria Della Mente Nello Sviluppo e Nella Clinica" Naples, Italy.
94. **Mayes, L.C.** (1996). Developmental and psychopathology: prevention in pre-school years. International Association for Child and Adolescent Psychiatry and Allied Professions International Meeting, Rome, Italy.
95. **Mayes, L.C.** (1997). Arousal regulation in prenatally cocaine exposed infants and children. World Psychiatric Association Thematic Conference: The Synthesis Between Psychopharmacology and Psychotherapy. Jerusalem, Israel.
96. **Mayes, L.C.** (1999). Regulation of arousal in preschool children exposed to cocaine prenatally. Invited NIDA symposium at College for Problems on Drug Dependence, Annual Scientific Meeting, Acapulco, Mexico.

97. **Mayes, L.C.** (1999). Appraising Notions of Risk in Infancy. Invited speaker to The Dr. E. Richard Feinberg Annual Conference, Schneider Children's Hospital, Tel Aviv, Israel.
98. **Mayes, L.C.** (2001). Longitudinal Research Methods with High-Risk Prenatally Drug-Exposed Children. Summer Research Training Institute, University College London.
99. **Mayes, L.C.** (2002). Children Growing up in Adversity. Invited Plenary Speaker for the Fiftieth Anniversary of the Anna Freud Centre, London.
100. **Mayes, L.C.** (2004). Interface of neuroscience and psychodynamic perspectives. Invited discussant for conference on Developmental Science and Psychoanalysis: Innovation and Integration. University College London and the Anna Freud Centre, London (part of the activities of the Anna Freud Centre-Child Study Center program).
101. **Mayes, L.C.** (2005). Interface of developmental neuroscience and psychoanalysis. Plenary keynote. Joseph Sandler Research Conference, London.
102. **Mayes, L.C.** (2006). Reflective parenting interventions: Minding the Baby. Conference on Mentalization Based Interventions. London.
103. **Mayes, L.C.** (2006). Reflective Parenting Programs. Helsinki, Finland (visiting professor). (Also delivered lectures on neural circuitry of parenting and emotional regulation in childhood).
104. **Mayes, L.C.** (2007). Developing risk reward systems and adolescent risk for addiction. Conference on adolescent development. London.
105. **Mayes, L.C.** (2007). Neural circuitry of attachment and implications for intervention. Invited Plenary address at Canadian Association of Child Psychiatry.
106. **Mayes, L.C.** (2008). Parental Neural Circuitry and Minding the Baby. The Feinberg Memorial Lecture, Schneider Children's Hospital, Tel Aviv, Israel, March 5, 2008. Co-authors, L. Sadler & A. Slade.
107. **Mayes, L.C.** (2010): Psychobiology of Parenting. Presentation to the Alberta Wellness Initiative, Banff, Canada.
108. **Mayes, L.C.** (2011). Stress, Addiction, and Parenting. Invited Presentation to Wellness Initiative, Banff Canada.
109. **Mayes, L.C.** (2012). Neural Circuitry of Attachment. Invited Presentation to Joseph Sandler Conference. Frankfurt, Germany.
110. **Mayes, L.C.** (2013). Childhood Anxiety. Invited Presentation to University College London Conference on Childhood Psychopathology. London.

111. **Mayes, L.C.** (2014). Maternal depression, addiction, and parenting. Invited Presentation to Norleia Foundation Early Childhood Initiative, Banff, Canada.
112. Rutherford, H.J.V., Potenza, M., and **Mayes, L.C.** (2014). Making Room in One's Mind for a Child: How the Brain and Mind Change with Parenthood. University College London Symposium on Neurobiology of Attachment, London.

Personal

Date of Birth: October 14, 1951

Place of Birth: Sewanee, Tennessee

Certification:

National Board of Medical Examiners. Diplomate. July 1978, #184798
Board Certified. American Board of Pediatrics, November, 1981, #026731

Medical Licenses:

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Connecticut 1984

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