

March 1, 2012

CURRICULUM VITAE
M. HALIT PINAR, M. D.

General

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Education

Undergraduate and Medical School

Ankara University School of Medicine Ankara, Turkey	1968-1974
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Postgraduate Training

Resident Anatomic Pathology	1974-1978
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Hacettepe Medical Center Ankara, Turkey	
Rotating Intern, Emory University, Atlanta, Georgia	1978-1979
Resident Anatomic Pathology New York University Medical Center New York, New York	1979-1981
Resident General Pediatrics Dartmouth Medical School Department of Maternal and Child Health Hanover, New Hampshire	1981-1983
Fellow Neonatal-Perinatal Medicine Dartmouth Medical School Department of Maternal and Child Health Hanover, New Hampshire	1983-1985
Fellow Program in Developmental Pathology Brown Medical School Women and Infants Hospital Providence, Rhode Island	1990-1992

Postgraduate awards

Special Recognition Meritorious Teaching Award Residency Programs of Obstetrics and Gynecology and Pediatrics Women and Infants Hospital Brown Medical School	1997, 1998, 1999
Dean's Teaching Excellence Award Bio 280 Brown Medical School	2001, 2002

Dean's Teaching Excellence Award	2003, 2005
Bio 282	
Brown Medical School	
Medical Staff Association	2004
Distinguished Service Award	

Military service

1st Lieutenant, Turkish Navy	1985-1987
Section Chief	
Division of Neonatology	
Department of Pediatrics	
Gülhane Military Medical Center	
Ankara, Turkey	

Board certifications

ECFMG (225-105-6)	1975
FLEX	1980
General Pediatrics	1985
Anatomic Pathology	1992
Pediatric and Developmental Pathology	1997

Professional licenses

Maryland (Inactive)	1980
Rhode Island (MD 8222)	1992-Present

Academic appointments

Instructor	1983-1985
Dartmouth Medical School	
Department of Maternal and Child Health	
Hanover, New Hampshire	
Instructor	1990-1992
Brown Medical School	
Department of Pathology and Laboratory Medicine	

Providence, Rhode Island	
Assistant Professor	1993-2001
Brown Medical School	
Departments of Pathology and Laboratory Medicine and Pediatrics	
Providence, Rhode Island	
Adjunct Professor of Clinical Laboratory Science	1994-2001
Department of Biochemistry, Microbiology and Molecular Genetics	
University of Rhode Island	
South Kingstown, Rhode Island	
Associate Professor	2001-2005
Brown Medical School	
Departments of Pathology and Laboratory Medicine and Pediatrics	
Providence, Rhode Island	
Professor	2005-Present
Brown Medical School	
Department of Pathology and Laboratory Medicine	
Providence, Rhode Island	

Hospital appointments

Director	1987-1990
Department of Pediatrics and Neonatal Medicine	
International Hospital	
Istanbul, Turkey	
Consultant	1987-1990
Perinatal/Neonatal Medicine	
Admiral Bristol General Hospital	
Istanbul, Turkey	
Director	1992-1997
Molecular Pathology Laboratory	
Department of Pathology and Laboratory Medicine	

Women and Infants' Hospital Providence, Rhode Island	
Perinatal and Pediatric Pathologist Lifespan Academic Medical Center Rhode island Hospital/Hasbro Children's Hospital Providence, Rhode Island	1997-2003
Consultant	1992-1997
Perinatal and Pediatric Pathology Department of Pathology and Laboratory Medicine Rhode Island Hospital Providence, Rhode Island	2003-Present
Staff	1992-1997
Perinatal and Pediatric Pathologist Division of Perinatal and Pediatric Pathology Department of Pathology and Laboratory Medicine Women and Infants Hospital Providence, Rhode Island	
Director	1997-Present
Division of Perinatal and Pediatric Pathology Department of Pathology and Laboratory Medicine Women and Infants Hospital Providence, Rhode Island	

Other appointments

Director	1992-1999
Section of Laboratory Medicine Harvard Pilgrim Health Care of New England Warwick Center	
Editorial Board Member	2001-Present
Perspectives of Pediatric Pathology	
Editor-in-Chief	2000-2005
Society for Pediatric Pathology Web Site	
Member	2003-Present

Section of Perinatal Pathology National Children's Study (NCS)	
Advisor – Perinatal Pathology Surgeon General of United States	2005-Present
Member	2004-Present
Section of Perinatal Pathology Prenatal Alcohol in SIDS and Stillbirth (PASS)	
Advisor – Perinatal Pathology Institute of Public Health Division of Maternal and Child Health Norwegian Maternal Prospective Cohort Study (MoBa) Oslo, Norway	2004-Present
Member	2006-2008
Division of Pediatric Pathology American Board of Pathology	

Women and Infants Hospital committees

Radiation and Drugs Committee	1993-1997
Perinatal Mortality Review Committee	1992-Present
Graduate Medical Education Committee	1997-2007
High Risk OB/High Risk Newborn Service Line Committee	1998-Present
Institutional Review Board (IRB) Member	1995-2004
Institutional Review Board (IRB) Chair	1999-2005
Executive Committee Medical Staff Member	2006-Present

Brown Medical School committees

Steering Committee	1992-1999
Residency Program in Pathology and Laboratory	

Medicine	
Medical Abilities Assessment Committee	1999-2004
Medical Committee on Academic Standing (MCAS)	1998-Present
Ad Hoc Committee on Conflict of Interest Policies	2000
Computer Advisory Board	2003-2007
Promotions Committee	2005-Present
Department of Pathology and Laboratory Medicine Brown Medical School	

Other Memberships

Founding member of Turkish Neonatal-Perinatal Society	1985-Present
American Association for the Advancement of Science	1991-Present
College of American Pathologists	1991-Present
American Medical Association	1991-Present
American Society of Clinical Pathologists	1992-Present
American Academy of Pediatrics, Fellow	1993-Present
American Academy of Pediatrics Section of Perinatal Medicine	1993-Present
National Perinatal Association	1994-Present
American Society of Investigative Pathology	1997-Present
Society for Pediatric Pathology. <i>Please see below.</i>	1992-Present

Society for pediatric pathology

Member	1990-Present
Education Committee, Member	1996-2000
Abstract Subcommittee, Chair	1998-2000
Awards Committee, Member	2000-2005
Secretary-Treasurer	2003-2005
Publication Committee, Member	2008-2012

Session Chair

SPP Annual Meeting, Boston	1998
SPP Annual Meeting, San Francisco	1999
SPP Fall Meeting, Providence	1999
SPP Annual Meeting, New Orleans	2000
SPP Fall Meeting, Louisville	2008
SPP Annual Meeting, Boston	2009

Rhode Island Society for Pathologists (RISP)

Member	1990-Present
Treasurer/Secretary	1996-1997
President	1997-1998

Publications

1. **Pinar H**, Pinar E. Septic shock: A review of literature. *Lepra Mec* 1973;4:210-20.
2. **Pinar H**, Flotte T. Papillary elastofibroma of the left ventricular septum. *Am J Surg Pathol* 1980;4:585-8.
3. **Pinar H**, Rogers BB. Renal dysplasia, situs inversus totalis and multisystem fibrosis: A new syndrome. *Pediatr Pathol* 1991;12:215-21.
4. **Pinar H**, Thompson NL, Flanders KC, Sporn MB, Sung J, Rogers BB. Distribution of transforming factor β in a two-week-old embryo. *Growth Factors* 1992;6:203-8.
5. Deftos LJ, Burton DW, Brandt DW, **Pinar H**, Rubin LP. Neoplastic hormone-producing cells of the placenta produce and secrete parathyroid hormone-related protein. Studies by immunohistochemistry, immunoassay and polymerase chain reaction. *Lab Invest* 1994;71:847-52.
6. **Pinar H**, Makarova N, Rubin LP, Singer DB. Pathology of the lung in surfactant treated neonates. *Pediatr Pathol* 1994;14:627-36.
7. **Pinar H**, Abuelo D, Carpenter M, Singer DB. Fryns syndrome: A new definition. *Pediatr Pathol* 1994;4:67-78.
8. **Pinar H**, Thompson NL, Flanders KC, Rogers BB. Distribution of TGF- β 1 precursor, TGF- β 1 and TGF- β 2 in human embryogenesis. *CellVision* 1994;1:200-7.
9. Koduri PR, Patel AR, **Pinar H**. Acute hepatic sequestration caused by parvovirus B19 infection in a patient with sick cell anemia. *Am J Hematol* 1994;47:250-1.
10. Sung CJ, Singer DB, Oyer CE, **Pinar H**. Fetal weights and measurements. *Arch Pathol Lab Med* 1995;9:93-4.
11. **Pinar H**, Sung CJ, Oyer CE, Singer DB. Reference values for singleton and twin placental weights. *Pediatr Pathol Lab Med* 1996;16:901-7.
12. Paparella A, DeLuca FG, Oyer CE, **Pinar H**, Stonestreet BS. Ischemia-reperfusion injury in the intestines of newborn pigs. *Pediatr Res* 1997;42:180-8.
13. **Pinar H**, Tatevosyants N, Singer DB. Central nervous system malformations in a perinatal/neonatal autopsy series. *Pediatr Develop Pathol* 1998;14:2-8.
14. **Pinar H**, Sotomayor E, Singer DB. Turquoise discoloration of the umbilical cord and membranes after intra-amniotic injection of indigo-carmin dye. *Arch Pediatr Adolesc Med* 1998;152:199-200.
15. Yashima K, Maitra A, Timmons CF, Rogers BB, **Pinar H**, Gazdar AF. Expression of the RNA component of telomerase in Wilms tumor and

- nephrogenic rest recapitulates renal embryogenesis. *Hum Pathol* 1998;29:536-42.
16. Yashima K, Maitra A, Timmons CF, Rogers BB, **Pinar H**, Milchgrub S, Shay JW, Gazdar AF. Expression of the RNA component of human telomerase during development and differentiation. *Cell Growth Differ* 1998;9:805-13.
 17. Singer DB, Neave C, Oyer CE, **Pinar H**. Hepatic subcapsular hematomas in fetuses and neonatal infants. *Pediatr Dev Pathol* 1999;2:215-20.
 18. Dexter SC, Malee MP, **Pinar H**, et al. Influence of chorioamnionitis on developmental outcome in very low birth weight infants. *Obstet Gynecol* 1999;94:267-73.
 19. **Pinar H**, Pinar T, Singer DB. Beta-cell hyperplasia in macrosomic infants and fetuses of nondiabetic mothers. *Pediatr Dev Pathol* 2000;3:42-8.
 20. Dexter SC, **Pinar H**, Malee MP, et al. Outcome of very low birth weight infants with histopathologic chorioamnionitis. *Obstet Gynecol* 2000;96:172-7.
 21. Phornphutkul C, Okubo T, Harel Z, Tracy FT, **Pinar H**, et al. Aromatase p450 expression in a feminizing adrenal adenoma presenting as isosexual precocious puberty. *J Clin Endocrinol Metab*. 2001;86(2):649-52.
 22. Plevyak M, Hanna N, Mayer S, Murphy S, **Pinar H**, Fast L, et al. Deficiency of decidual IL-10 in first trimester missed abortion: a lack of correlation with the decidual immune cell profile. *Am J Reprod Immunol* 2002;47:242-50.
 23. DePaepe ME, Burke S, Luks FI, **Pinar H**, Singer DB. Demonstration of placental vascular anatomy in monochorionic twin gestations. *Pediatr Dev Pathol* 2002;5:37-44.
 24. Petersson KH, **Pinar H**, Stopa EG, Faris RA, Sadowska GB, Hanumara RC, Stonestreet BS. White matter injury after cerebral ischemia in ovine fetuses. *Pediatr Res* 2002;51:768-76.
 25. **Pinar H**, Burke SH, Huang CW, Singer DB, Sung CJ. Reference values for transverse cerebellar diameter throughout gestation. *Pediatr Dev Pathol* 2002;5:489-94.
 26. **Pinar H**, Stephens M, Singer DB, Boyd TK, Pflüger SM, Gang DL, Roberts DJ, Sung CJ. Triplet placentas: reference values for weights. *Pediatr Dev Pathol* 2002;5:495-98.
 27. McCormack WM Jr, Shen JJ, Curry SM, Berend SA, Kashork C, **Pinar H**, Potocki L, Bejjani BA. Partial deletions of the long arm of chromosome 13

- associated with holoprosencephaly and Dandy-Walker malformation. *Am J Med Genet* 2002;112:384-9.
28. Hansen K, Sung CJ, Huang C, **Pinar H**, Singer DB, Oyer CE. Reference values for second trimester fetal and neonatal organ weights and measurement. *Pediatr Dev Pathol.* 2003;6:160-7.
 29. Baek YW, Brokat S, Padbury JF, **Pinar H**, et al. Inter-alpha inhibitor proteins in infants and decreased levels in neonatal sepsis. *J Pediatr* 2003;143:1-15.
 30. Elitt CM, Sadowska GB, Stopa EG, **Pinar H**, Petersson KH, Stonestreet BS. Effects of antenatal steroids on ischemic brain injury in near term ovine fetuses. *Early Hum Dev* 2003;73:1-15.
 31. De Paepe ME, Friedman RM, Gundogan F, **Pinar H**, Oyer CE. The histologic fetoplacental inflammatory response in fatal perinatal group B-streptococcus infection. *J Perinatol.* 2004;24(7):441-5.
 32. **Pinar H**. Bone Dysplasias: An Atlas of Genetic Disorders of Skeletal Development, Second Edition. *Pediatr Dev Pathol* 2003;6:601.
 33. **Pinar H**. Postmortem findings in term neonates. *Semin Neonatol.* 2004;4:289-302.
 34. Petersson KH, **Pinar H**, Stopa EG, Sadowska GB, Hanumara RC, Stonestreet BS. Effects of exogenous glucose on brain ischemia in ovine fetuses. *Pediatr Res.* 2004;56(4):621-9.
 35. Lambert-Messerlian GM, **Pinar H**, Laprade E, Tantravahi U, Schneyer A, Canick JA. Inhibins and activins in human fetal abnormalities. *Mol Cell Endocrinol.* 2004;225(1-2):101-8.
 36. Oyer CE, Sung CJ, Friedman R, Hansen K, DePaepe ME, **Pinar H** and Singer DB. Reference values for valve circumferences and ventricular wall thicknesses of fetal and neonatal hearts. *Pediatr and Dev Pathol.* 2004;7:499-505.
 37. DePaepe ME, Friedman RM, Gundogan F, **Pinar H**. Postmortem Lung Weight/Body Weight Standards for Term and Preterm Infants. *Pediatr Pulmonol.* 2005;40(5):445-8.
 38. Lambert-Messerlian G, **Pinar H**, Rubin LP, De Paepe ME, Tantravahi U, Steinhoff MM, Russell M, Canick JA. Second-trimester maternal serum markers in twin pregnancy with complete mole: report of 2 cases. *Pediatr Dev Pathol.* 2005;8(2):230-4.
 39. Kostadinov S, **Pinar H**. Amniotic fluid infection syndrome and neonatal mortality caused by *Eikenella Corrodens*. *Pediatr Dev Pathol.* 2005;8(4):489-92.

40. Chan C, Moore BE, Cotman CW, Okano H, Tavares R, Hovanesian V, **Pinar H**, Johansson CE, Svendsen CN, Stopa EG. Musashi 1 antigen expression in human fetal germinal matrix development. *Exp Neurol*. 2006;201(2):515-8.
41. Gundogan F, Elwood G, Greco D, Rubin LP, **Pinar H**, Carlson RI, Wands JR, de la Monte SM. Role of aspartyl- (asparaginyl) beta-hydroxylase in placental implantation: relevance to early pregnancy loss. *Hum Pathol*. 2007;38(1):50-9.
42. Lambert-Messerlian G, Eklund E, **Pinar H**, Tantravahi U, Schneyer A. Activin subunit and receptor expression in normal and cleft human fetal palate tissues. *Pediatr Dev Pathol*. 2007;10(6):436-45.
43. Silver RM, Varner MW, Reddy U, Goldenberg R, **Pinar H**, Conway D, Bukowski R, Carpenter M, Hogue C, Willinger M, Dudley D, Saade G, Stoll B. Work-up of stillbirth: a review of the evidence. *Am J Obstet Gynecol*. 2007;196(5):433-44.
44. Torabi R, Charnova S, Abellar RG, **Pinar H**, DePaepe ME. Intrauterine infection with *Klebsiella pneumoniae*: report of a case and literature review. *Pediatr Dev Pathol*. 2008;11(2):152-5.
45. Frøen JF, **Pinar H**, Norwitz ER. Genetic epidemiologic studies of preterm birth: studies of disease or of "rescue by birth"? *Am J Obstet Gynecol*. 2007;197(4):438-9.
46. **Pinar H**, Basu S, Hotmire K, Laffineuse L, Presley L, Carpenter M, Catalano PM, Hauguel-de Mouzon S. High molecular mass multimer complexes and vascular expression contribute to high adiponectin in the fetus. *J Clin Endocrinol Metab*. 2008;93(7):2885-90.
47. Frøen JF, **Pinar H**, Flenady V, Bahrin S, Charles A, Chauke L, Day K, Duke CW, Facchinetti F, Fretts RC, Gardener G, Gilshenan K, Gordijn SJ, Gordon A, Guyon G, Harrison C, Koshy R, Pattinson RC, Petersson K, Russell L, Saastad E, Smith GC, Torabi R. Causes of death and associated conditions (CODAC): a utilitarian approach to the classification of perinatal deaths. *BMC Pregnancy Childbirth*. 2009 Jun 10;9:22.
48. Flenady V, Frøen JF, **Pinar H**, Torabi R, Saastad E, Guyon G, Russell L, Charles A, Harrison C, Chauke L, Pattinson R, Koshy R, Bahrin S, Gardener G, Day K, Petersson K, Gordon A, Gilshenan K. An evaluation of classification systems for stillbirth. *BMC Pregnancy Childbirth*. 2009 Jun 19;9:24.
49. Reddy UM, Goldenberg R, Silver R, Smith GC, Pauli RM, Wapner RJ, Gardosi J, **Pinar H**, Grafe M, Kupferminc M, Hulthen Varli I, Erwich JJ, Fretts RC, Willinger M. Stillbirth classification--developing an international consensus for research: executive summary of a National Institute of Child Health and Human

- Development workshop. *Obstet Gynecol.* 2009 Oct;114(4):901-14. Erratum in: *Obstet Gynecol.* 2010 Jan;115(1):191.
50. **Pinar H**, Iyigün M. A comparison of stillborn birth weights and postmortem weights. *Pediatr Dev Pathol.* 2010 Nov-Dec;13(6):442-6. Epub 2010 Mar 16. PubMed PMID: 20233064.
 51. **Pinar H**, Carpenter M. Placenta and umbilical cord abnormalities seen with stillbirth. *Clin Obstet Gynecol.* 2010 Sep;53(3):656-72. Review.
 52. Dudley DJ, Goldenberg R, Conway D, Silver RM, Saade GR, Varner MW, **Pinar H**, Coustan D, Bukowski R, Stoll B, Koch MA, Parker CB, Reddy UM; Stillbirth Research Collaborative Network. A new system for determining the causes of stillbirth. *Obstet Gynecol.* 2010 Aug;116(2 Pt 1):254-60. PubMed PMID: 20664383.
 53. He M, Hong T, Lauro P, **Pinar H**. Identification of Bacteria in Paraffin-embedded Tissues Using 16S rDNA Sequencing: a Case Report and Review of the Literature. *Pediatr Dev Pathol.* 2010 Aug 19. [Epub ahead of print] PubMed PMID: 20722553.
 54. **Pinar H**, Koch MA, Hawkins H, Heim-Hall J, Shehata B, Thorsten VR, Chin S, Willinger M, Dela Monte S. The Stillbirth Collaborative Research Network Neuropathologic Examination Protocol. *Am J Perinatol.* 2011 Jul 21. [Epub ahead of print] PubMed PMID: 21780010.
 55. **Pinar H**, Koch MA, Hawkins H, Heim-Hall J, Abramowsky CR, Thorsten VR, Carpenter MW, Zhou HH, Reddy UM. The Stillbirth Collaborative Research Network Postmortem Examination Protocol. *Am J Perinatol.* 2011 Aug 3. [Epub ahead of print] PubMed PMID: 21815127.
 56. **Pinar H**, Koch MA, Hawkins H, Heim-Hall J, Shehata B, Thorsten VR, Carpenter M, Lowichik A, Reddy UM. The Stillbirth Collaborative Research Network (SCRN) Placental and Umbilical Cord Examination Protocol. *Am J Perinatol.* 2011 Jun 29. [Epub ahead of print] PubMed PMID: 21717387.
 57. Parker CB, Hogue CJR, Koch MA, Willinger M, Reddy U, Thorsten V, Dudley D, Silver RM, Coustan D, Saade GR, Conway D, Varner MW, Stoll B, **Pinar H**, Bukowski R, Carpenter M, Goldenberg R for the Stillbirth Collaborative Research Network: Design, Methods and Recruitment Experience. *Paediatric and Perinatal Epidemiology* 2011; 25: 425–435.
 58. **Pinar, H**. Listeriosis. [Review] *Pathology Case Reviews.* 16(5):189-194, September/October 2011.

59. **Pinar H.** Hydranencephaly. [Review] *Pathology Case Reviews* 16(5):195-201, September/October 2011.

Manuscripts in preparation

1. **Pinar H,** Iyigun M. Reference values for umbilical cord diameters in placenta specimens. In review at *Pediatr Dev Pathol*, 2011.
2. **Pinar H** for SCRN. Evaluation of placental findings in a case-control study (SCRN). Manuscript in preparation.
3. **Pinar H,** Bukowski R et al. Overgrowth in stillborn. Manuscript in preparation.

Book chapters

1. Lauchlan S, **Pinar H.** *The reproductive system.* In: Wigglesworth JS and Singer DB, eds. *Textbook of Fetal and Perinatal Pathology.* 2nd Ed. Boston: Blackwell Scientific Publications. 1998.
2. **Pinar H,** Pathology of Perinatal and Neonatal Care. In: Wigglesworth JS and Singer DB, eds. *Textbook of Fetal and Perinatal Pathology.* 2nd ed. Boston: Blackwell Scientific Publications. 1998.
3. Deutsch GH, **Pinar H.** *Prenatal Lung Development.* In: Voelkel NF and MacFee W, eds. *Chronic Obstructive Lung Disease.* London: BC Decker Inc. 2002.
4. **Pinar H** and Singer DB. *Neonatal death and stillbirth.* In: Potter's Pathology of the fetus and the infant. 2nd edition. Boston: CV Mosby. 2006.

Published Book

1. **Normal Developmental Biology of the Human Placenta. H. Pinar.** 1st edition Published by *Core Curriculum Publishers, LLC.* April 2009. [To date sold 480 copies].
 - a. Second edition is expected to be out in mid - 2012.

Entrepreneurial Activities

1. Founder and President of CORE CURRICULUM IN PERINATAL PATHOLOGY*
2. Founder and President of CORE CURRICULUM IMAGES IN PERINATOLOGY*

Published Abstracts (Selected)

1. **Pinar H**, Edwards WH, Fratkin J, Marin-Padilla M. A transmission electron microscopy study of human cerebral cortical and germinal matrix (GM) blood vessels in premature neonates. *Pediatr Res* 1985;19:394A.
2. **Pinar H**, Makarova N, Rubin L, Singer DB. Pathology of the lung in surfactant-treated neonates. *Pediatr Pathol* 1993;13:105-6A.
3. **Pinar H**, Abuelo D, Singer DB. Fryns syndrome: A new definition. *Pediatr Pathol* 1994;14:550A.
4. **Pinar H**, Panzica M, Thompson N. Rt-PCR amplification of TA1 mRNA from formalin-fixed, paraffin embedded specimens. *Pediatr Pathol Lab Med* 1995;15:353A.
5. Petersson KH, **Pinar H**, Stopa EG, Sadowska GB, Stonestreet BS. Effects of exogenous glucose on brain ischemia in ovine fetuses. *Pediatr Res* 1997;41(4):295A.
6. **Pinar H**, Pinar T, Singer DB. Beta-cell hyperplasia in macrosomic infants and fetuses of nondiabetic mothers. *Pediatr Dev Pathol* 1998;2:195A.
7. Tatevian N, Singer DB, Hansen K, Zhang S, **Pinar H**. Immunohistochemical distribution of VEGF (Vascular endothelial growth factor) in molar pregnancies. *Pediatr Dev Pathol* 2001;4:412A.
8. **Pinar H**, Stephens M, Singer DB, Boyd TK, Pflüger SM, Gang DL, Roberts DJ, Sung CJ. Triplet placentas: reference values for weights. *Pediatr Dev Pathol* 2001;4:417A.
9. **Pinar H**, Burke SH, Huang CW, Singer DB, Sung CJ. Reference values for transverse cerebellar diameter throughout gestation. *Pediatr Dev Pathol* 2002;5:97A.
10. Wharton KN, **Pinar H**, Vohr B, Wallach M, Stonestreet BS. Placental histology in very low birth weight infants with early and late onset periventricular leukomalacia. *Pediatr Dev Pathol*;2002;5:101A.
11. Baek YW, Brokaw S, Cadbury JF, **Pinar H**, Hixson DC, Lim Y-P. Inter-alpha inhibitor proteins in infants and decreased levels in neonatal sepsis. *Lab Invest* 2003;83:6P.
12. McCormack WM Jr, Shen JJ, Curry SM, Berend SA, Kashork C, **Pinar H**, Potocki L, Bejjani BA. Partial deletions of the long arm of chromosome 13 associated with holoprosencephaly and Dandy-Walker malformation. *Am J Med Genet* 2003;118A(2):384-9.

13. Inflammatory Response In Fatal Perinatal GBS-Infection: Effect of Gestational Age. De Paepe ME, Friedman R, **Pinar H**, Oyer CE, Hansen K. *Pediatr Dev Pathol* 2004;7(1):95-102A.
14. Oyer CE, Sung CJ, Friedman R, Hansen K, DePaepe M, **Pinar H**, Singer DB. Reference values for valve circumferences and ventricular wall thicknesses of fetal and neonatal hearts. *Pediatr Dev Pathol* 2004;7(1):95-102A.
15. **Pinar H**, Lambert-Messerlian G, Eklund E, Schneyer A. Follistatin related protein (FSRP) expression is a marker of placental injury in growth impaired term placentas. *Pediatr Dev Pathol* 2006;9(1):332-43A.
16. **Pinar H**. Significance of Macroscopic Placental Findings in Stillborn. *Pediatr Dev Pathol* 2008;11(1):491-52A.
17. **Pinar H**. Congenital Anomalies in Stillborn: An Analysis of 965 Cases. *Pediatr Dev Pathol* 2008;11(1):491-52A.
18. **Pinar H**, Shapiro S. 3D morphology of chorionic villi. Use of dissection microscope in the differentiation of abnormal chorionic villous growth. In print. *Pediatr Dev Pathol* 2010 December.

Invited Presentations (Selected)

1. Sidhu G, **Pinar H**. Soft tissue leiomyosarcomas: An ultrastructural study of 11 cases with a review of literature. Annual Meeting of New York Pathological Society, 1978.
2. Sidhu G, **Pinar H**. A.P.U.D. cell system: A review of literature and ultrastructural study. Annual Meeting of New York Pathological Society, 1979.
3. Sidhu G, **Pinar H**. A comparative ultrastructural study of spindle cell sarcomas. Annual Meeting of New York Pathological Society, 1980.
4. **Pinar H**, Edwards WH, Marin-Padilla M. A transmission electron microscopy study of human cerebral cortical and germinal matrix blood vessels in premature neonates. New England Perinatology Society Annual Meeting, 1985.
5. **Pinar H**, Edwards WH, Marin-Padilla M. A transmission electron microscopy study of human cerebral cortical and germinal matrix blood vessels in premature neonates. Society for Pediatric Research Annual Meeting, 1985.
6. **Pinar H**, Rogers BB. Renal dysplasia, situs inversus totalis and multisystem fibrosis: A new syndrome. New England Pediatric Pathology Club, Spring Meeting, 1991.

7. **Pinar H**, Rogers BB. Renal dysplasia, situs inversus totalis and multisystem fibrosis: A new syndrome. Society for Pediatric Pathology Spring Meeting, 1991.
8. **Pinar H**, Thompson N, Flanders K, Sporn MB, Sung J, Rogers BB. Distribution of transforming growth factor β in a two-week-old embryo. New England Pediatric Pathology Club, Spring Meeting, 1991.
9. **Pinar H**, Thompson N, Flanders K, Sporn MB, Sung J, Rogers BB. Distribution of transforming growth factor β in a two-week-old embryo. Society for Pediatric Pathology Fall Meeting, 1991.
10. Paparella A, DeLuca FG, Oyer CE, **Pinar H**, Stonestreet B. Gastrointestinal ischemia/reperfusion injury in newborn piglets. Society for Pediatric Research Annual Meeting, 1991.
11. **Pinar H**, Lauchlan SC. True hermaphroditism with associated congenital anomalies: A case report. New England Pediatric Pathology Club, Fall Meeting, 1991.
12. **Pinar H**, Rogers BB. Splenic-Gonadal Fusion in a Female Fetus with Trisomy 21. New England Pediatric Pathology Club, Spring Meeting, 1991.
13. Paparella A, DeLuca FG, Oyer CE, **Pinar H**, Stonestreet BS. Gastrointestinal ischemia/reperfusion injury in newborn piglets. New England Pediatric Pathology Club, Fall Meeting, 1991.
14. **Pinar H**. Fetal testicular histology in fragile-X syndrome. New England Pediatric Pathology Club, Fall Meeting, 1991.
15. **Pinar H**, Baynes B, Nayak R, Oyer CE. Abnormal testicular development in a fetus with Klinefelter syndrome. New England Pediatric Pathology Club, Winter Meeting, 1992.
16. **Pinar H**, Thompson N, Flanders K, Sporn MB, and Rogers BB. Distribution of transforming growth factor β in human embryogenesis. New England Pediatric Pathology Club, Winter Meeting, 1992.
17. **Pinar H**, Thompson N, Flanders K, Sporn MB, and Rogers BB. Distribution of transforming growth factor β in human embryogenesis. Society for Pediatric Pathology, Fall Meeting, 1992.
18. **Pinar H**, Makarova N, Rubin L, and Singer DB. Pathology of the Lung in Surfactant Treated Neonates. Presented at the New England Pediatric Pathology Club, Spring Meeting, 1992.
19. **Pinar H**, Makarova N, Rubin L, and Singer DB. Pathology of the Lung in Surfactant Treated Neonates. Society for Pediatric Pathology, Fall Meeting, 1992.

20. **Pinar H**, Fryns Syndrome. A New Definition. New England Pediatric Pathology Club Spring Meeting, 1993.
21. **Pinar H**, Fryns Syndrome: A New Definition. Society for Pediatric Pathology, Fall Meeting, 1993.
22. **Pinar H**, Rubin LP, Burton DW, Brandt DW, Deftos LJ. Parathyroid hormone-like protein (PLP) production in normal and abnormal trophoblast. New England Pediatric Pathology Club, Fall Meeting, 1993.
23. **Pinar H**, Panzica M, Thompson N. RT-PCR amplification of TA1 mRNA from formalin fixed-paraffin embedded specimens. Society of Pediatric Pathology Fall Meeting, 1994.
24. **Pinar H**, Ment LR, Oh W, Rubin LP, Stopa E, Singer DB. Neuropathological findings in indomethacin-treated neonates. New England Pediatric Pathology Club Fall Meeting, 1994.
25. **Pinar H**, Steinhoff MM, Haning R. Case report: A patient with pure gonadal dysgenesis (Swyer syndrome). New England Pediatric Pathology Club Winter Meeting, 1995.
26. **Pinar H**, Sung CJ, Oyer CE, Singer DB. Reference values of twin placental weights. New England Pediatric Pathology Club Winter Meeting, 1995.
27. **Pinar H**, Stonestreet B, Petersson K, Stopa E. Cerebral ischemia in the ovine fetus. New England Pediatric Pathology Club Spring Meeting, 1995.
28. **Pinar H**, Sung CJ. Placental site trophoblastic tumor (PSTT), a case presentation. Presented at the New England Pediatric Pathology Club Fall Meeting, 1995.
29. **Pinar H**, Tatevosyants N, Singer DB. Central nervous system malformations in a perinatal/neonatal autopsy series. Society of Pediatric Pathology Fall Meeting, 1996.
30. **Pinar H**, Tatevosyants N, Singer DB, Lauchlan SC. Reproductive system malformations in a perinatal/neonatal autopsy series. Society of Pediatric Pathology Annual Meeting, 1997
31. **Pinar H**, Rubin LP, Kovacs CA, Kronenberg HM. Targeted disruption of the PTHrP gene interferes with alveolar differentiation. Society of Pediatric Pathology Annual Meeting, 1997.
32. Sung CJ, **Pinar H**, Singer DB. Problems in fetal lung maturity testing. New England Pediatric Pathology Club, Fall Meeting, 1997.

33. **Pinar H**, Petersson K, Sadowska GB, Stonestreet BS. Effects of exogenous glucose on brain ischemia in ovine fetuses. New England Pediatric Pathology Club, Fall Meeting, 1997.
34. Oyer CE, **Pinar H**, Neave C, Singer DB. Hepatic subcapsular hematomas in fetuses and neonates are associated with sepsis. New England Pediatric Pathology Club, Fall Meeting, 1997.
35. Petersson K, **Pinar H**, Stopa EG, Sadowska GB, Stonestreet BS. The effects of exogenous glucose infusions on brain ischemia in ovine fetuses. Fetal and Neonatal Physiological Society, 25th Annual Meeting, 1998.
36. **Pinar H**, Pinar T, Singer DB. β -cell hyperplasia in macrosomic infants and fetuses of nondiabetic mothers. Presented at the New England Pediatric Pathology Club Spring Meeting, 1998.
37. Hansen K, **Pinar H**, Deutsch G. Infantile fibrosarcoma: a case report. Northeast Pediatric Pathology Club Spring Meeting, 1998.
38. **Pinar H**, Pinar T, Singer DB. β -cell hyperplasia in macrosomic infants and fetuses of nondiabetic mothers. Society for Pediatric Pathology Fall Meeting, 1998.
39. **Pinar H**, Hansen K, Cortez S. Periventricular leukomalacia (PVL) revisited. Northeast Pediatric Pathology Club Fall Meeting 1998.
40. Donahue J, **Pinar H**, Singer DB. Intracranial hemorrhage in the fetus. Northeast Pediatric Pathology Club Spring Meeting, 1999. **Pinar H**, Stephens M, Singer DB. Reference values for triplet placentas. Northeast Pediatric Pathology Club Spring Meeting, 2000.
41. Tatevian N, **Pinar H**, Singer DB, Hansen K, Zhang S. Distribution of VEGF and its receptors in molar pregnancies. Northeast Pediatric Pathology Club Spring Meeting, 2000.
42. Donahue J, **Pinar H**, Singer DB. Intracranial hemorrhage in the fetus. Annual meeting of Society of Neurology and Neuropathology, 2000.
43. Ariel I, Anteby E, Schneider T, **Pinar H**, et al. The placental gene expression preeclampsia. Paediatric Pathology Society 46th Annual Meeting, 2000.
44. **Pinar H**, Stephens M, Sung CJ, Singer DB, et al. Reference values for triplet placental weights. Society for Pediatric Pathology Fall Meeting, 2000.
45. Elitt CM, Sadowska GB, Stopa EG, **Pinar H**, Stonestreet BS. The effects of antenatal steroids on in utero ischemic brain injury. PAS Annual meeting, 2001.

46. Sadowska GB, Elitt CM, Stopa EG, **Pinar H**, Petersson KH, Stonestreet BS. The effects of ischemic brain injury on basic fibroblast growth factor (FGF-2) concentration in ovine fetuses. PAS Annual Meeting, 2001.
47. Huang C, **Pinar H**, Tantravahi U, Hansen K, Steinhoff M. Recurrent partial hydatidiform mole: a case report and review of literature. Northeast Pediatric Pathology Club Winter Meeting, 2002.
48. **Pinar H**, Stephens M, Singer DB, Boyd TK, Pflueger SM, Gang DL, Roberts DJ, Sung CJ. Triplet placentas: reference values for weights. Society for Pediatric Pathology Spring Meeting, 2002.
49. **Pinar H**, Burke SH, Huang CW, Singer DB, Sung CJ. Reference values for transverse cerebellar diameter throughout gestation. Society for Pediatric Pathology Spring Meeting, 2002.
50. **Pinar H**, Hansen K, DePaepe M. Renal tubular dysgenesis (RTD), cystic adenomatoid malformation (CCAM) and Müllerian hypoplasia (MH) with ambiguous genitalia in two siblings. Society for Pediatric Pathology Spring Meeting, 2002.
51. De Paepe ME, Friedman R, **Pinar H**, Oyer CE, Hansen K. Inflammatory Response In Fatal Perinatal GBS-Infection: Effect of Gestational Age. Society for Pediatric Pathology Fall Meeting, 2003.
52. Oyer CE, Sung CJ, Friedman R, Hansen K, DePaepe M, **Pinar H**, Singer DB. Reference values for valve circumferences and ventricular wall thicknesses of fetal and neonatal hearts. Society for Pediatric Pathology Fall Meeting, 2003.
53. **Pinar H**, Lambert-Messerlian G, Eklund E, and Schneyer A. Follistatin Related Protein (FSRP) Expression Is A Marker Of Placental Injury In Growth Impaired Term Placentas. Society for Pediatric Pathology Fall Meeting, 2004
54. **Pinar H**. Significance of Macroscopic Placental Findings in Stillborn. Society for Pediatric Pathology Fall Meeting, Louisville, KY, 2008.
55. **Pinar H**. Congenital anomalies in stillborn. An analysis of 965 cases. Society for Pediatric Pathology Fall Meeting, Louisville, KY, 2008.
56. **Pinar H**, Shapiro S. 3D morphology of chorionic villi. Use of dissection microscope in the differentiation of abnormal chorionic villous growth. In print. *Pediatr Dev Pathol* 2010 December.
57. **Stillbirth Collaborative Research Network**: Genetic changes identified in stillbirths using molecular cytogenetic technology. Uma Reddy, For the Eunice Kennedy Shriver National Institute of Child Health and Human Development. - *Am J Obstet Gynecol* 01-JUN-2011; 204(6 Suppl 1): S2.

58. **Stillbirth Collaborative Research Network:** Risk of stillbirth according to second trimester aneuploidy screen result in the Stillbirth Collaborative Research Network: a population-based study. George Saade for the Eunice Kennedy Shriver National Institute of Child Health and Human Development. - Am J Obstet Gynecol 01-JUN-2011; 204(6 Suppl 1): S37.
59. **Stillbirth Collaborative Research Network:** Estimating Gestational age at stillbirth using clinical and pathologic data: the stillbirth collaborative research network algorithm. Deborah Conway for the Eunice Kennedy Shriver National Institute of Child Health and Human Development. - Am J Obstet Gynecol 01-JUN-2011; 204(6 Suppl 1): S56.
60. **Stillbirth Collaborative Research Network:** Umbilical cord homogenate toxicology and serum cotinine levels in stillbirths and live births. Varner M for the Eunice Kennedy Shriver National Institute of Child Health and Human Development. - Am J Obstet Gynecol 01-JUN-2011; 204(6 Suppl 1): S235.

Invited Lectures-Courses

1. A Review of Placental Pathology. Pathology Grand Rounds. Hacettepe University, School of Medicine, Ankara, Turkey, 1996.
2. Group B Streptococcus In Neonates And Older Infants. Grand Rounds. Brockton Hospital, Brockton, Massachusetts, 1996.
3. Neonatal Lung Disease: A Vanishing Act. Pediatric Grand Rounds. Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire, 1997.
4. Gestational Trophoblastic Diseases. Hacettepe University, School of Medicine, Ankara, Turkey, 1997.
5. Histology for the Histotechnologists. Clinical Laboratory Science Seminar. Sponsored by BRISMet, RIBBS, CLSS/CNE-Bay Chapter, Providence, Rhode Island, 1998.
6. Pathology of the Perinatal and Neonatal Care, Co-director, Postgraduate Course Sponsored by Society of Pediatric Pathology, 1996-1998.
7. A Review of Placental Pathology. Hacettepe University, School of Medicine, Ankara, Turkey, 1998.
8. Clinically Relevant Placental Lesions: a review. Hacettepe University, School of Medicine, Ankara, Turkey, 2002.

9. Placental Pathology: An Update. Hacettepe University, School of Medicine, Ankara, Turkey, 2003.
10. NICHD Stillbirth Research Collaborative Network (SCRN) A review. Pediatric Grand Rounds. Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire, 2004.
11. Placental Pathology in Stillborn. Norwegian Maternal Prospective Cohort Study (MoBa), Oslo, Norway, 2005.
12. Classification of Stillborn. Norwegian Maternal Prospective Cohort Study (MoBa), Oslo, Norway, 2006.
13. Placental Pathology for the Obstetricians. General Grand Rounds. South County Hospital Group. Charlton Hospital, Rhode Island, 2007
14. Concept of Causality in Stillborn. Norwegian Maternal Prospective Cohort Study (MoBa), Oslo, Norway, 2007.
15. Placental Pathology and its Impact on Stillbirth. A Series of three lectures as part of SCRN Educational Initiative. 2006, 2007, 2008.
16. Clinically Relevant Placental Lesions: an update. Hacettepe University, School of Medicine, Ankara, Turkey, 2010.
17. Clinically Relevant Placental Lesions: an update. Hacettepe University, School of Medicine, Ankara, Turkey, 2011.

NIH Related Invited Activities

1. Invited to give a lecture at the Stillbirth Research Roundtable on the topic of “The Causes and Classification of Stillbirth” sponsored by First Candle/SIDS Alliance and NICHD, 2003.
2. Invited to give a lecture on “Stillbirth and Postmortem Examination” to the steering committee of the grant HD-03-004 titled Prenatal Alcohol Exposure among High-Risk Populations: Relationship To Sudden Infant Death Syndrome, 2004.
3. Invited to attend as a consultant during three planning sessions of the National Children Study (NCS). RFP released on November 16, 2004.
4. As an expert in this field, invited to speak at the workshop: “Stillbirth Classification System: developing an international consensus for research”, co-sponsored by the Pregnancy and Perinatology Branch (PPB) at the National Institute of Child Health and Human Development, the Society for Maternal-Fetal Medicine, First Candle and the Office of Rare Diseases, National Institutes of Health that was held October 22-24, 2007 in Washington D.C. The topic was

“placental/umbilical cord pathology” to lay the foundation to the development of a classification system (Publication – see Publications).

5. Attended the NICHD Review Board Meeting for the SCRN network as a special expert and the official Lead Pathologist of the Network and informed the Board about the Pathology component of the SCRN and answered critiques and questions about the methodology employed, December 2008.
6. A case control study of placental Lesions: our experience with the Stillbirth Collaborative Research Network. Hacettepe University, School of Medicine, Ankara, Turkey, 2010.

Grants

1. Research grant from Rhode Island Foundation for the project titled “Distribution of TGF- β in human embryos” for the amount of \$ 2000. 1991.
2. Research grant from Rhode Island Foundation for the project titled “Distribution of PECAM-1 in germinal matrix and cortical blood vessels with and without germinal matrix hemorrhage” for the amount of \$ 2000. 1992.
3. Lions Club of Rhode Island Foundation grant for the project titled “PCR in detection of infectious diseases” for the amount of \$ 13,500. 1993.
4. Stillbirth Research Collaborative Network – SCRN, Principal Investigator: D. Coustan, MD - Co-Principal Investigator and *Lead Pathologist*: H. Pinar, MD - Agency: NICHD - Type: RFA/PA HD02-025 - Period: November 2003 – November 2010 - Amount: \$800,000/year. - The objective of this grant is to determine the scope and causes of stillbirth in the US by implementing standardized postmortem and placental examination techniques and detailed investigation of the surroundings. The study will involve an area that includes entire Rhode Island and Bristol County, MA where annually 21,000 deliveries occur.
5. Continuing studies funded by NICHD’s extended SCRN budget. “Morphometric studies in normal and abnormal placentas” and “Genomic screening of placental specimens from stillbirth and gestational age matched controls”.
6. Placental sampling in National Children’s Study (NCS) Cohort. Application in process.

Grant Collaboration

Hormonal Regulation Of Brain Maturation

Principal Investigator: Barbara S. Stonestreet, M.D.

Role: Collaborator

Agency: Human Embryology and Development

Type: (HD/NS 34618, years 01-03) Period: 07/01/97 -06/30/01, 06/30/04-06/30/2012

The long-term objective of this project was to investigate the hypotheses that antenatal steroids accelerate maturation and improve pathophysiologic development of the fetal brain. The specific aims of this proposal are: a) To test the hypothesis that antenatal steroids accelerate ontogenic maturation of the blood-brain barrier. b) To test the hypothesis that steroid pretreatment promotes maturation of brain volume regulation in fetal and newborn sheep. c) To test the hypothesis that steroid pretreatment increases Na⁺, K⁺-ATPase activity in and gene expression in brain tissue and choroid plexus of fetal and newborn sheep. d) To test the hypotheses that antenatal steroids attenuate (i) ischemic injury and (ii) ischemia related decreases in Na⁺, K⁺-ATPase activity and gene expression in the brain of fetal sheep.

Brain Ischemia In The Ovine Fetus

Principal Investigator: Barbara S. Stonestreet, M.D.

Role: Collaborator

Agency: Human Embryology and Development

Type: RO1

Period: 2008-2012

The long-term objective of this project is to investigate the hypotheses that ischemia-related white matter and neuronal injury are associated with increases in brain tissue cytokines; ischemia-related increases in cytokines are associated with decreases in MBP in oligodendroglia in white matter lesions; and increases in cytokines and decreases in MBP in white matter lesions are accentuated in preterm fetuses. The proposed studies will provide important information on the effects of cytokines in the fetal brain and mechanisms of ischemic brain injury in the fetus.

Role Of Cytokines (IL-10) In Decidua

Principal Investigator: Surendra Sharma, PhD

Role: Collaborator

Agency: NIH/NICHHD

Type: Period: 12/01/2010-11/31/2014

This grant deals with the pathophysiology of preterm labor with a focus on dysregulation of IL-10 and polymorphic changes in the IL-10 gene locus.

Inhibin/Activin Family In Human Craniofacial Development

Principal Investigator: G. Lambert-Messerlian, PhD

Role: Collaborator

Agency: NIDCR

Type: R03 DE14002-01A1

Period: March 2002-February 2010

The objective of this grant is to determine the role of activin and related proteins in the development of the human palate.

Normal Growth Parameters In The American Newborns

Principal Investigator: Ed Chien, MD

Role: Co-Principal Investigator

Agency: NICHD

Type: Network

Period: September 2010-September 2014

Funded time: 3.5%

The objective of this multi-site network grant is to determine the normative values of newborns in the United States.

Factors Influencing The Adiposity Levels Of The Fetus In Utero

Collaborating as a co-investigator with 10% dedicated time in a R21 NIH grant submitted by Dr. S. Hauguel-de Mouzon in Case Western Reserve University on the topic "Factors influencing the adiposity levels of the fetus in utero", in which the rate of adipocyte differentiation lipogenesis from lipid substrates are going to be evaluated. Reapplication pending.

Reviewer For Journals

Pediatric and Developmental Pathology	1993-Present
American Journal of Obstetrics and Gynecology	1998-Present
Obstetrics and Gynecology	1998-Present
Journal of Perinatology	1999-Present

Laboratory Investigation	1999-Present
Placenta	2009-Present
American Journal of Perinatology	2009-Present
Annals of Tropical Paediatrics	2011

Various Teaching Roles

Assistant Dean of Student Affairs

Responsible from Brown Medical Students choosing Pathology as their specialty

Biomed 280

Section Leader Human Reproduction, Growth, and Development

Lectures

Embryology, Placental Pathology, and Trophoblastic Diseases	1992-2006
Congenital Malformations and Basic Principles of Dysmorphology	1992-2006
Pathology of the Infectious Diseases	1992-2003
Pathology of Neonatal and Perinatal Care	1999-2000
Role of the Pathologist and Laboratory in Clinical Care	1999-2000
Pathology of the Gastrointestinal Tract	1994-2003
Pathology of the Endocrine System	1996-2002

Biomed 282 - Human Reproduction, Growth, and Development

Lectures

Prenatal Diagnosis	1992-2006
Pathology of Abortion	1997-2002
Small Group Discussions	1993-2003

Biomed 287 - Graduate Program in Pathobiology

Lectures

Techniques in Pathobiology – <i>In situ</i> hybridization and its clinical applications	1993-2007
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Clinical Electives

612	Research in Pediatric and Developmental Pathology	1993-Present
614	Clinical-Pathologic Correlation in Perinatal and Pediatric Pathology	1993-Present

House staff Education

Perinatal Pathology Rotation for Residents in Pathology	1993-Present
Perinatal Pathology Rotation for Residents in Obstetrics and Gynecology	1993-Present

Hospital Based Education

Responsible

Bimonthly Perinatal Pathology Conference Women and Infants Hospital (CME) Division of Perinatal and Pediatric Pathology	1996-Present
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Bimonthly Perinatal Neuropathology Conference Women and Infants Hospital and Lifespan AMC	1996-Present
Monthly Pediatric and Perinatal Cardiac Pathology Conference Women and Infants' Hospital Division of Perinatal and Pediatric Pathology	1997-Present
Monthly Research Conference Women and Infants Hospital Division of Perinatal and Pediatric Pathology	1994-Present
Perinatal Pathology Teaching Rounds Women and Infants Hospital Division of Perinatal and Pediatric Pathology	1997-Present

Contributor

Monthly Clinical Pathological Conference (CME) Division of Neonatology Women and Infants Hospital	1990-Present
Monthly Clinical Pathological Conference Pediatric Residency Program Hasbro Children's Hospital	1992-Present
Monthly Pediatric Tumor Board Hasbro Children's Hospital	1997-Present
Monthly Pediatric Surgical Pathology Conference Hasbro Children's Hospital	1997-Present
Monthly Pediatric Gastrointestinal Tract Pathology Conference Hasbro Children's Hospital	1997-Present
MADAM Conference (CME) (Perinatal Management Conference) Women and Infants Hospital	1998-Present