

CURRICULUM VITAE
KATHARINE D. WENSTROM, M.D.
Updated: April 2010

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CURRENT POSITION: Director, Division of Maternal Fetal Medicine
Women & Infants Hospital of Rhode Island
Department of Obstetrics and Gynecology

Professor of Obstetrics and Gynecology
Warren Alpert Medical School of Brown University

PREVIOUS POSITIONS:

Professor, Obstetrics and Gynecology
Director, Prenatal Diagnosis and Reproductive Genetics
Co-Director, Center for Advanced Maternal and Fetal Care
Department of Obstetrics and Gynecology
Vanderbilt University School of Medicine
Nashville, Tennessee
April 2006-June 2009

Professor, Obstetrics & Gynecology
Director, Division of Reproductive Genetics and
Maternal-Fetal Medicine
Department of Obstetrics and Gynecology
October 1998-April 2006

Professor, Human Genetics
University of Alabama at Birmingham
October 1998-April 2006

PREVIOUS POSITIONS (continued):

Medical Director, Reproductive Genetics Screening
& Diagnostic Laboratory
University of Alabama at Birmingham
August 1994-April 2006

Associate Professor
Division of Maternal-Fetal Medicine
University of Alabama at Birmingham
August 1994-Sept. 1998

Assistant Professor
Division of Maternal-Fetal Medicine
University of Alabama at Birmingham
August 1992-July 1994

Assistant Professor
Division of Maternal-Fetal Medicine
Acting Director of Prenatal Diagnosis
University of Iowa Hospitals and Clinics
July 1, 1990-June 30, 1992

EDUCATION:

Case Western Reserve University
Cleveland, OH 09/1972–06/1976
B.A. Biology, Cum Laude, 1976

Case Western Reserve University School of Medicine
Graduate School (PhD Program), Department of Pathology
Cleveland, OH 09/1976–06/1977

Columbia University Graduate School of Arts and Sciences
Graduate School (PhD Program), Pathology
New York City, NY 09/1977–06/1979
M.A. Pathology, 1979

Case Western Reserve University School of Medicine
Cleveland, OH 09/1979-05/1983
M.D., 1983

RESIDENCY:

University of Illinois Hospital
Department of Obstetrics and Gynecology
Chicago, IL 07/1983-06/1987
W.N. Spellacy, M.D., Chairman

FELLOWSHIPS:

University of Illinois Hospital
Department of Obstetrics and Gynecology
Division of Maternal Fetal Medicine
Chicago, IL 07/1987-06/1989
S.A. Gall, M.D., Program Director

University of Iowa Hospital
Division of Medical Genetics
Iowa City, IA 07/1988-06/1990
J. W. Hanson, M.D., Program Director

BOARD CERTIFICATION:

Diplomat of the American Board of Medical Genetics, 1990
Diplomat of the American Board of Obstetrics and Gynecology, 1992;
Recertified 2003, 2004, 2005, 2006
Diplomat of American Board of Obstetrics and Gynecology,
Subspecialty Maternal-Fetal Medicine, 1994
Recertified 2003, 2004, 2005, 2006

LICENSURE:

Rhode Island # MD
Alabama License #16316
Tennessee License # MD 0000041656

MEMBERSHIPS:

- American Gynecologic and Obstetric Society, 2001-present
- Fellowship Committee, 2001-2003
- Program Advisory Committee, 2004-2007
- American College of Obstetrics and Gynecology – Fellow
- Society for Gynecologic Investigation -- Regular Member
- Society of Maternal-Fetal Medicine -- Regular Member
- American Society of Human Genetics
- American Institute of Ultrasound in Medicine
- Teratology Society
- Alpha Omega Alpha

AWARDS & HONORS:

- Society for Gynecologic Investigation President's Achievement Award, 2001
- Society for Maternal-Fetal Medicine, Genetics Oral Presentation Award, January, 1999: Wenstrom KD, Owen J, Chu DC, Boots L.
- "Prospective evaluation of free beta hCG and dimeric inhibin A for aneuploidy detection." Society of Maternal-Fetal Medicine, San Francisco, CA, January 1999.
- Society for Perinatal Obstetrics, Genetics Oral Presentation Award, January 1997: Wenstrom KD, Owen J, Chu DC, Boots L.
- "Alphafetoprotein, free beta human chorionic gonadotrophin, and dimeric inhibin A produce the best results in a three-analyte multiple marker screening test for fetal Down syndrome". Society of Perinatal Obstetricians, Anaheim, CA, January 1997.
- ACOG Annual Meeting First Prize for best scientific paper, 1995:
- Chapman SJ, Brumfield CG, Wenstrom KD, DuBard MB "Pregnancy Outcomes Following False Positive Multiple Marker Screening Tests."
- Society for Perinatal Obstetricians Poster Award, 1995: Wenstrom KD, Weiner C, Merrill D, Neibyl J. A placebo-controlled trial of the terbutaline pump for prevention of preterm delivery. Society of Perinatal Obstetricians, Atlanta, GA, Jan 1995
- Society for Perinatal Obstetricians Poster Award, 1995: Wenstrom KD, Hauth J, Goldenberg RL, DuBard M, Lea C.
- The effect of low-dose aspirin on the development of preeclampsia in women with elevated hCG. Society of Perinatal Obstetricians, Atlanta, GA, January 1995.
- "Outstanding Reviewer" (Top 5%) for the American Journal of Obstetrics and Gynecology, 2003, 2004, 2005
- "Outstanding Reviewer" (Top 10%) for Obstetrics and Gynecology, 2001 to present
- Academic Keys Who's Who in Medical Sciences Education, 2005-
- Elected to "Best Doctors in America®" annually from 2001 to present
- Elected to "The Best Doctors for Women" annually from 2001 to present
- Good Housekeeping's "Best Doctors for Women"-August 1997
- Listed in "Guide to America's Top Physicians", 2004 to present

GRANT REVIEW:

March of Dimes Committee A (Grant Review); 2001, 2002
NIH Obstetrics and Maternal-Fetal Biology Subcommittee, 2002 to present;
Chairman, 2006-2007

EDITORIAL BOARDS:

American Journal of Perinatology, 2001 to present
American Journal of Obstetrics and Gynecology,
Advisory Board for Subspecialty Areas, 2002 to present

JOURNAL EDITOR:

Obstetrical and Gynecological Survey,
Editor -in-Chief for Obstetrics, July 2005 to present

BOARD OF DIRECTORS:

Society for Maternal-Fetal Medicine, 1998 to present
Immediate Past President 2008-2009
President- 2007-2008
President-Elect, 2006-2007
Secretary Treasurer, 2004 to 2006
Assistant Secretary Treasurer, 2001-2004
Publications Committee Chairman, 2003 to 2007
American College of Obstetricians and Gynecologists (ACOG)
Executive Board of Directors, 2007-2009

NATIONAL COMMITTEES:

American College of Obstetricians and Gynecologists (ACOG):
CREOG Exam, 1999-2000
Genetics (SMFM Representative), 1998-2000
Obstetric Practice (SMFM Representative), 1998-2005
Obstetric Bulletins, 2001-2004
Precis Editorial Task Force, 2003-2005

BOARD EXAMINER:

Maternal Fetal Medicine, 1996 – 2000
General Obstetrics & Gynecology, 1997 - 2001

INVITED PARTICIPATION IN NATIONAL SCIENTIFIC WORKSHOPS:

- CDC Workshop on State-Based Birth Defects Surveillance, Invited Participant (Speaker), September 1992
- NIH Workshop, Pharmacodynamic Differences Between Men and Women, Invited Participant (Speaker), May 1999
- NIH Recombinant DNA Advisory Committee; Gene Therapy Policy Conference: "Prenatal Gene Transfer: Scientific, Medical, and Ethical Issues", Invited Participant (Speaker), January, 1999
- Food and Drug Administration / NIH Conference on Drugs in Pregnancy, Panel Member, December 2000
- Food and Drug Administration / NIH Health Advisory Committee on Reproductive Drug Products, Panel Member, December, 2003 (OCPs with folic acid)

INVITED PARTICIPATION IN NATIONAL SCIENTIFIC WORKSHOPS (continued):

- NICHD Workshop on the Border of Viability, Invited Participant (Speaker), March, 2004
- NICHD Prenatal Screening Workshop, Invited Participant (Speaker), December, 2005
- Food and Drug Administration / NIH Health Advisory Committee on Reproductive Drug Products, Panel Member, August, 2006 (17 α -hydroxyprogesterone caproate)
- NICHD Workshop on Preconception Care, Invited Participant (Speaker), April, 2008

PEER JOURNAL REVIEWER:

New England Journal of Medicine
Obstetrics and Gynecology
American Journal of Obstetrics and Gynecology
American Journal of Perinatology
Journal of Maternal-Fetal Medicine
Gynecologic and Obstetric Investigation
International Journal of Gynecology and Obstetrics
Reproductive Medicine
Birth Defects Research
Expert Review of Cardiovascular Therapy
Life Sciences
Society for Maternal Fetal Medicine (formerly SPO)(Abstracts)
Society for Gynecologic Investigation (Abstracts)

GRANTS/FUNDING:

National Institutes of Health 1 R03 HD4158-01: Primary Investigator
"The Molecular Genetic Basis of Cardiac Defects"
\$100,000 (1/2001-1/2003)

UAB Health Services Foundation General Endowment Fund, Primary Investigator; "First Trimester Down Syndrome Screening and Diagnosis" \$ 259,500. 1/2003-1/2005

Low Birthweight PORT: Investigator
Agency for Health Care Policy & Research Contract #290-92-0055
U.S. Dept. Of Health & Human Services, Public Health Service

**ACADEMIC
COMMITTEES:**

Obstetrics and Gynecology Promotions Committee, 2004 -
Resident Education Committee, 1998 –
Obstetrics & Gynecology Conference Committee 1994-2000
Perinatal Morbidity and Mortality Committee, 1992 - 2002
Kirklin Clinic Practice Committee 1994-1998
Genetics Search Committee 1996-1997
Hospital Executive Director Search Committee 1998-1999
Genetics Search Committee 1998 - 2000
Psychiatry Search Committee 2000 - 2002

TEACHING:

Director, Medical Genetics Residency Program, 2000-2003
Clinical & Research Mentor, Combined Maternal-Fetal Medicine/Genetics
Fellowship, 2000 - present
Tutorial in Genetics, MFM Fellows, Spring every other year, 1993 - present
Clinical and Research Mentor, MFM Fellowship, 1992 - present
Lecturer, Reproductive Genetics, 2nd Year Med. School, 1994 - present
Lecturer, Obstetrics & Gynecology, 3rd Year Med. School, 1992 - present
Lecturer, Masters Program in Maternal and Child Health, 1996 - 2005

MENTORING:

Name	Rank	Type of Study	Presentation/Publication
Susan Sipes M.D.	Fellow	Patient-oriented clinical research	Oral SPO 1990, A JOG 1991;165:1371-76
		Patient-oriented clinical research	Poster SPO 1991, Fetal Diagn Ther 1994;9:38-43
		Patient-oriented clinical research	Poster SGI 1991
Debbie Dragich M.D.	Resident	Patient-oriented clinical research	Anesth-Analg 1991; 72:549-51
Jackie Tessen M.D.	Resident	Patient-oriented research	Poster SGI 1991, Obstet Gynecol 1992;80:257-61
Laurie Berdahl	Med Student	Utilized Birth Defects Registry	David W. Smith XV Annual Genetics Workshop 1994, Am J Med Genet 1995;56:304-7
Jay Maher M.D.	Fellow	Patient-oriented research	Obstet Gynecl 1994; 83:851-4
James Alexander M.D.	Resident	Patient-oriented clinical research	Poster SPO 1994,

			J. Mat Fet Med 1995;4:277-9
Melissa Ethier M.D.	Resident	Utilized Prenatal Diagnosis Database	AJOG 1995;173:1297-3000
Rupa Desai M.D.	Resident	Utilized Prenatal Diagnosis Database	Oral, SPO, 1995 AJOG 1995;173:1287-92.
Shelley Chapman M.D.	Fellow	Utilized Prenatal Diagnosis Database	Oral ACOG 1995'; First prize for "Best Scientific Paper" Am J Perinatol 1997;14:475-9
Alice Goepfert M.D.	Resident	Utilized Prenatal Diagnosis Database	Poster SPO 1995
Priya Bajaj M.D.	Resident	Utilized Prenatal Diagnosis Database	Oral SPO 1995
Ona Faye-Petersen M.D.	Pathologist	Utilized Prenatal Diagnosis Database	Poster SPO 1995 Obstet Gynecol 1999;96:915- 20
Debbie Guinn M.D.	Fellow	Prospective Randomized Clinical Trial	Poster SPO 1998 1998;179:874-8
Rhonda Halcomb M.D.	Resident	Utilized Prenatal Diagnosis Database	Obstet Gynecol 1997;90:938- 42
Ted Garcia M.D.	Resident	Utilized Prenatal Diagnosis Database	Poster SPO 1997, Obstet Gynecol 1997;90: 938- 42
DC Chu Ph.D.	Post-Doc	Laboratory Study	Obstet Gynecol 1998; 91:192-5

Note—Dr. Wenstrom was also on Dr. Chu's PhD Defense Committee

Joseph Biggio M.D.	Resident	Utilized Prenatal Diagnosis Database	Poster SPO 1998, Obstet Gynecol 1999;94:773-7
	Fellow	Utilized Prenatal Diagnosis Database	Poster SMFM 2001, AJOG 2001;185:1016-20
Shannon Acton	Med Student	Patient-oriented Laboratory Research	Poster SPO 1998 Am J Med Genet 2000;90:12-16
George Lu M.D.	Fellow	Research survey	Poster SMFM J Maternal-Fetal Med, Submitted
Patrick Ramsey M.D.	Fellow	Patient-oriented Laboratory Research	Poster SMFM 2001 J Mat Fet Med 2002;11:1-5

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TEXTBOOKS:

Co-Author, Williams Obstetrics, 21st Edition, McGraw-Hill Inc, May 2001;

Co-Author, Williams Obstetrics, 22nd Edition, McGraw-Hill Inc, March, 2005

PEER REVIEWED PUBLICATIONS

1. Wenstrom KD, Gall SA: Incidence, morbidity and mortality, and diagnosis of twin gestations. Clin Perinatol 1988; 15:(1), 1 -11.
2. Wenstrom KD, Parsons MT: The prevention of meconium aspiration in labor using amnioinfusion. Obstet Gynecol 1989;73:(4), 647-651.
3. Wenstrom KD, Gall SA: HIV Infection in Pregnancy. Obstet Gynecol Clin NA 1989;16:627-641.
4. Wenstrom KD, Williamson RA, Hoover, WW, Grant SS: Achondrogenesis type II (Langer Saldino) in association with jugular lymphatic obstructive sequence. Prenat Diagn 1989;9:527-532.
5. Wenstrom KD, Zuidema LJ: Determination of the seroprevalence of human immunodeficiency virus infection in gravidas by non-anonymous vs anonymous testing. Obstet Gynecol 1989;74:558-561.
6. Weiner CP, Grant SS, Hudson J, Williamson RA, Wenstrom KD: Effect of diagnostic and therapeutic cordocentesis upon maternal serum alpha fetoprotein concentration. Am J Obstet Gynecol 1989;161:706-708.
7. Weiner CP, Heilskov J, Pelzer GD, Grant SS, Wenstrom KD, Williamson RA: Normal values for human umbilical venous and amniotic fluid pressures and their alteration by fetal disease. Am J Obstet Gynecol 1989; 161:714-717.
8. Weiner CP, Pelzer GD, Heilskov J, Wenstrom KD, Williamson RA: The effect of intravascular transfusion on umbilical venous pressure in anemic fetuses with and without hydrops. Am J Obstet Gynecol 1989; 161:1498-1501.
9. Wenstrom KD, Weiner CP, Williamson RA, Grant SS: Prenatal diagnosis of fetal hyperthyroidism using cordocentesis. Obstet Gynecol 1990;75:1-5.
10. Pollack KL, Chestnut DH, Wenstrom KD: Anesthetic management of a parturient with Eisenmenger's syndrome. Anesth Analg 1990;70:212-215.
11. Wenstrom KD, Weiner CP, Williamson RA: Diverse maternal and fetal pathology associated with absent diastolic flow in the umbilical artery of high risk fetuses. Obstet Gynecol 1991;77:374-378.
12. Wenstrom KD, Muilenberg AC, Patil SR, Hanson JW: A unique phenotype associated with a pericentric inversion of chromosome 6 in three generations. Am J Med Genet 1991;39:102105.
Note: This entity is listed as "Wenstrom Syndrome" in the London Dysmorphology Database.

13. Dragich DS, Ross AF, Chestnut DH, Wenstrom KD: Respiratory failure during amniofusion for thick meconium during labor. Anesth Analg 1991;72:549-551.
14. Wenstrom KD, Williamson RA, Weiner CP, Sipes SL, Yuh WTC: Magnetic resonance imaging of fetuses with intracranial defects. Obstet Gynecol 1991;77:529-532.
15. Wenstrom KD, Weiner CP, Hanson JW: A five year state wide experience with congenital diaphragmatic hernia. Am J Obstet Gynecol 1991; 165:838-841.
16. Sipes SL,-Weiner CP, Wenstrom KQ, Williamson RA, Grant SS: The association between fetal karyotype and mean corpuscular volume. Am J Obstet Gynecol 1991;165:1371-1376.
17. Weiner CP, Williamson RA, Wenstrom KD, Sipes SL, Grant SS, Widness J: Management of fetal hemolytic disease by cordocentesis: 1. Prediction of fetal anemia. Am J Obstet Gynecol 1991;165:546-553.
18. Weiner CP, Williamson RA, Wenstrom KD, Sipes SL, Widness JA, Grant SS, Estle C: Management of fetal hemolytic disease by cordocentesis: ii-Outcome of treatment. Am J Obstet Gynecol 1991;165:1302-1307.
19. Weiner CP, Wenstrom KD, Sipes SL, Williamson RA: Risk factors for cordocentesis and intravascular transfusions. Am J Obstet Gynecol 165:1021-1025, 1991.
20. Weiner CP, Sipes SL, Wenstrom KD: The effect of gestation upon normal fetal laboratory parameters and venous pressure. Obstet Gynecol 1992;79:713-718.
21. Wenstrom KD: Pulmonary hypoplasia and deformations related to premature rupture of membranes. Obstet Gynecol Clin NA, Wenstrom KD, Weiner CP, Editors 1992;19(2):397-408.
22. Wenstrom KD, Tessen JA, Zlatnik FJ: Frequency, distribution, and theoretical mechanisms for hematologic and weight discordance in monozygotic twins. Obstet Gynecol 1992;80:257-261.
23. Wenstrom KD, Weiner CP, Williamson RA: Antenatal Treatment of Fetal Alloimmune Thrombocytopenia. Obstet Gynecol 1992;80:433-5.
24. Wenstrom KD, Sipes SL, Williamson RA, Grant SS, Trawick DC, Estle LC. Prediction of pregnancy outcome with single versus serial MSAFP tests. Am J Obstet Gynecol 1992;167:1529-33.
25. Wenstrom KD. Midtrimester selective delivery of an acardiac twin (Letter). Am J Obstet Gynecol 1993;168:1647.
26. Wenstrom KD, Syrop CH, Hammitt DG, Van Voorhis BJ: Increased risk of monozygotic twinning associated with assisted reproduction. Fertil Steril 1993;60:510-4.

27. Wenstrom KD, Williamson RA, Grant SS, Hudson JD, Getchell JP: Evaluation of Multiple Marker Screening for Down Syndrome in a State-Wide Population. Am J Obstet Gynecol 1993; 169:793-7.
28. Sipes SL, Weiner CID, Wenstrom KD, Williamson RA, Grant SS: Fetal echogenic bowel on ultrasound: Is there clinical significance? Fetal Diag Therapy 1994;9:38-43.
29. Wenstrom KD, Williamson RA, Grant SS. Detection of fetal Turner syndrome with the expanded MSAFP screen. Am J Obstet Gynecol 1994; 170:570-3.
30. Maher JE, Wenstrom KD, Hauth JC, Meis PJ. Amniotic fluid embolism after saline amnioinfusion: two cases and review of the literature. Obstet Gynecol 1994;83:851-4.
31. Weiner CP, Wenstrom KD. Outcome of alloimmunized fetuses managed solely by cordocentesis but not requiring antenatal transfusion. Fetal Diag Therapy 1994;9:233-38.
32. Wenstrom KD, Owen J, Boots LR, DuBard MB. Elevated second trimester hCG in association with poor pregnancy outcome. Am J Obstet Gynecol 1994;171:1038-41.
33. Owen J, Wenstrom KD, Hardin JM, Boots LR, Hsu CC, Cosper P, DuBard M. The utility of fetal biometry as an adjunct to the multiple marker screening test for Down syndrome. Am J Obstet Gynecol 1994; 171:1041-6.
34. Weiner CP, Estle LC, Wenstrom KD: Management of fetal hemolytic disease by cordocentesis: iii. Outcome of affected neonates not requiring antenatal transfusion. Fetal Diagnosis and Therapy 1994;9:233-8.
35. Haddow JE, Palomaki GE, Knight GJ, Cunningham GC, Lustig LS, Boyd PA for the Collaborative Study Group. Collaborative Study of Biochemical Screening for Down syndrome. N Engl J Med 1994;330:1114-8.
36. Berdahl LID, Wenstrom KD, Hanson JW. Web neck anomaly and its association with congenital heart disease. Am J Med Genetics 1995;56:304-7.
37. Brumfield CG, Davis RO, Owen J, Wenstrom KD, Boots L, DuBard MA. Will alpha-fetoprotein analysis be useful in detecting fetal anomalies in the first trimester.? J Mat Fet Med 1995;4:257-61.
38. Wenstrom KD, Hauth JC, Goldenberg RL, DuBard M, Lea C. The effect of low-dose aspirin on the development of preeclampsia in women with elevated hCG. Am J Obstet & Gynecol 1995;173:1292-6.
39. Wenstrom KD, Owen J, Boots L, Ethier M. The influence of maternal weight on hCG in the multiple marker screening test. Am J Obstet & Gynecol 1995; 173:1297-300.
40. Wenstrom KD, Desai R, Owen J, DuBard M, Boots L. Comparison of multiple marker screening with elective amniocentesis for detection of aneuploidy in women. 35. Am J Obstet & Gynecol 1995;173:1287-92

41. Brumfield CG, Wenstrom KD, Boots LR, DuBard MB, Finley SB, Davis RO. Does the multiple marker screening test identify chromosome abnormalities in the first trimester? *J Mat Fet Med* 1995;4:272-6.
42. Wenstrom KD, Andrews WW, Maher JE. Amnioinfusion survey: Prevalence, protocols, and complications. *Obstet Gynecol* 1995;86:572-6.
43. Alexander JM, Wenstrom KD, Johnson WH. Increased stroke volume in fetuses with heartblock. *J Mat Fet Mad* 1995;4:277-9.
44. Wenstrom KD, Owen J, Davis RO, Brumfield CG. The prognostic value of unexplained elevated amniotic fluid alphafetoprotein. *Obstet Gynecol* 1996;87:213-6.
45. Wenstrom KD, Boots L, Cospser P. The multiple marker screening test: identification of fetal cystic hygroma, hydrops, and sex chromosome aneuploidy. *J Mat Fet Med* 1996;5:31-5.
46. Brumfield CG, Guinn DA, Davis RO, Owen J, Wenstrom KD, Mize P. The significance of nonvisualization of the fetal bladder during an ultrasound examination to evaluate second trimester oligohydramnios. *Ultrasound Obstet Gynecol* 1996;8:186-91.
47. Wenstrom KD, Andrews WW, Tamura T, DuBard M, Johnston KE, Hemstreet GP. Elevated amniotic fluid interleukin-6 levels at genetic amniocentesis predict subsequent pregnancy loss. *Am J Obstet Gynecol* 1996; 175:830-3.
48. Wenstrom KD, Owen J, Boots L. The effect of parity correction on Down syndrome detection using the Multiple Marker Screening Test. *Am J Obstet Gynecol* 1996; 175:1004-7.
49. Wenstrom KD, LD Berhdahl, JW Hanson. Web neck anomaly and its association with congenital heart disease. (Letter to the editor) *Am J Mad Genet* 1996;64:606.
50. Brumfield CG, Wenstrom KD, Davis RO, Owen J, Cospser P. Second trimester cystic hygroma--Prognosis of septated versus nonseptated lesions. *Obstet Gynecol* 1996;88:979-82.
51. Wenstrom KD. Understanding How Neural Tube Defects Occur -- They can be prevented. *Medscape On-line Services*, SCP Communications, New York, NY, December 1996.
52. Wenstrom KD, Owen J, Boots, L. Second trimester maternal serum CA-1 25 is superior to estriol in the multiple marker screening test for Down syndrome. *Obstet Gynecol* 1997;89:1-5.
53. Wenstrom KD, Owen J. Maternal serum human chorionic gonadotrophin level at 15 weeks (Letter to the Editor) *Am J Obstet Gynecol* 1997; 176:258.
54. Wenstrom KD, Weiner C, Merrill D, Neibyl J. A placebo-controlled trial of the terbutaline pump for prevention of preterm delivery. *Am J Perinat* 1997;14:87-91.

55. Chapman SJ, Burmfield CG, Wenstrom KD, DuBard MB. Pregnancy outcomes following false positive multiple marker screening tests. *Am J Perinatol* 1997;14:475-8.
56. Wenstrom KD, Owen J, Chu DC, Boots L. Free beta hCG subunit versus intact hCG in the multiple marker screening test for fetal Down syndrome. *Obstet Gynecol* 1997;90:370-4.
57. Wenstrom KD, Owen J, Chu DC, Boots L. Alphafetoprotein, free beta human chorionic gonadotrophin, and dimeric inhibin A produce the best results in a three-analyte multiple marker screening test for fetal Down syndrome. *Am J ObstetGynecol* 1997;177:987-991.
58. Wenstrom KD, Owen J, Chu DC, Boots L. Elevated second trimester dimeric inhibin A levels identify Down syndrome pregnancies. *Am J Obstet Gynecol* 1997; 177:992-997.
59. Wenstrom KD, Owen J, Brumfield CG, Davis RO, DuBard M, Garcia T. Significance of a false positive trisomy 18 multiple marker screening test. *Obstet Gynecol* 1997;90:938-42.
60. Rouse DJ, Goldenberg RL, Wenstrom KD. Antenatal screening for Factor V Leiden mutation: A critical appraisal. *Obstet & Gynecol*, 1997;90:848-51.
61. Wenstrom KD, Owen J, Brumfield CG, Davis RO, DuBard M. Significance of a false positive trisomy 18 multiple marker screening test. (Letter to the Editor) *Obstet Gynecol* 1997;90:93842.
62. Chu DC, Hsu C, Wenstrom KD, Boots LR. Insulin-like growth factor binding protein -3 (IGFB-3) in prenatal detection of fetal Down syndrome pregnancies *Obstet Gynecol* 1998; 91: 192-5
63. Wenstrom KD, Andrews WW, Hauth JC, Goldenberg RL, DuBard M, Cliver S. Elevated second trimester amniotic fluid interleukin-6 levels predict preterm delivery. *Am J Obstet Gynecol* 1998;178:546-50.
64. Brumfield CG, Davis RO, Owen J, Wenstrom KD, Kynerd PM. Pregnancy outcomes following sonographic nonvisualization of the fetal stomach. *Obstet Gynecol* 1998;91:905-8.
65. Wenstrom KD, Andrews WW, Bowles N, Towbin JA, Hauth JC, Goldenberg RL. Intrauterine viral infection at the time of second trimester genetic amniocentesis is not associated with post-procedure pregnancy loss *Obstet Gynecol* 1998;92:420-4.
66. Guinn DA, Goepfert AR, Owen J, Wenstrom KD, Hauth JC. Terbutaline pump maintenance therapy for prevention of preterm delivery: A double blind trial. *Am J Obstet Gynecol* 1998; 179:874-8.
67. Wenstrom KD, Chu DC, Owen J. MSAFP, free PhCG, and dimeric inhibin A detect aneuploidies other than Down Syndrome. *Am J Obstet Gynecol* 1998; 179:966-70.
68. Biggio JR, Wenstrom KD, DuBard M. Hydramnios prediction of adverse perinatal outcome. *Obstet Gynecol*. 1999; Nov;94(5 Pt 1):773-7.

69. Faye-Petersen OM, Guinn DA, Wenstrom KD. The value of perinatal autopsy. *Obstet Gynecol* 1999;96:915-20.
70. Wenstrom KD, Descartes M, Franklin J, Cliver SP. A five year experience with fragile x screening of high risk gravidas. *Am J Obstet Gynecol* 1999;181:789-92.
71. Wenstrom KD, Owen J, Chu DC, Boots L. Prospective evaluation of free BhCG and dimeric inhibin A for aneuploidy detection. *Am J Obstet Gynecol* 1999;181:887-92.
72. Guinn DA, Goepfert AR, Owen J, Wenstrom KD, Hauth JC. Reply-Letter to the Editor, re: Terbutaline pump maintenance therapy for prevention of preterm delivery: A double blind trial. *Am J Obstet Gynecol* 1999; 180:1593-4.
73. HS, Canick A Kellner LH for the Collaborative Study Group. Collaborative Study of Maternal Urine. Core human chorionic gonadotrophin screening for Down syndrome. *Prenat Diag* 1999;19:911-7.
74. Johanning G, Wenstrom KD, Johnston KE, Tamura T. The risk of neural tube defects and the combination of methionine synthase and 5,10-methylene tetrahydrofolate reductase polymorphisms. *FASEB J* 1999;13: A229
75. Wenstrom KD, Johanning G, Owen J, Johnston KE, Acton S, Tamura T. The relationship of amniotic fluid homocysteine levels, fetal methylenetetrahydrofolate reductase genotypes, and neural tube defects. *Am J Med Genet*. 2000; Jan 3,90(l):12-6.
76. Wenstrom KD, Johanning G, Owen J, Johnston KE, Acton S, Tamura T. Amniotic fluid homocysteine levels, methylenetetrahydrofolate reductase genotypes, and neural tube closure sites. *Am J Med Genet* 2000; Jan 3,90(l):6-11.
77. Brumfield CG, Wenstrom KD, Owen J, Davis RO. Ultrasound findings and Multiple Marker Screening in Trisomy 18. *Obstet Gynecol* 2000;95:51-4.
78. Johanning G, Tamura T, Johnston KE, Wenstrom KD, Comorbidity of 5,10 methylenetetrahydrofolate reductase and methionine synthase gene polymorphisms and risk for neural tube defects. *J Med Genet* 2000; 37:949-51.
79. Wenstrom KD, Johanning GL, Johnston KE, DuBard M. The methylenetetrahydrofolate reductase 677C-->T mutation and elevated homocysteine levels are associated with congenital cardiac malformations. *Am J Obstet Gynecol* 2001; 184:806-17.
80. Biggio JR, Owen J, Wenstrom KD, Oakes WJ. Can prenatal ultrasound findings predict ambulatory status in fetuses with open spina bifida (OSB)? *Am J Obstet Gynecol* 2001;185:1016-20.
81. Biggio JR, Owen J, Wenstrom KD. Predicting ambulation by checking leg withdrawal in fetuses with spina bifida. *Am J Obstet Gynecol* 2002;187:256.

82. Biggio JR, Wenstrom KD. Biochemical screening for fetal aneuploidy. *Infertil and Reprod Med Clin North Amer*, 2002.
83. Johanning G, Wenstrom KD, Tamura T. Changes in frequencies of heterozygous thermolabile 5,10-methylenetetrahydrofolate reductase in fetuses with neural tube defects. *J Med Genet* 2002;39:366-367.
84. Wenstrom KD. Fragile X and other trinucleotide repeat diseases. *Obstet Gynecol Clin N Am* 2002;29:367-88.
85. Ramsey PS, Andrews WW, Goldenberg RL, Tamura T, Wenstrom KD, Johnston KE. Elevated amniotic fluid ferritin levels are associated with inflammation-related pregnancy loss following mid-trimester amniocentesis. *J Mat Fet Med* 2002;11:302-306.
86. Wenstrom KD. Aneuploidy Screening: The Changing Scene. *Obstetrics and Gynecology*, 2003; 101:840-842
87. Wenstrom KD. Fetal Surgery for Congenital Diaphragmatic Hernia. *N.Engl J Med* 2003; 349; 20: 1887-8
88. Biggio JR, Wenstrom KD, Owen J. Fetal open spina bifida: a natural history of disease progression in utero *Prenatal Diagnosis* 2004; 24:287-9
89. Biggio J, Ramsey PS, Cliver SP, Lyons MD, Goldenberg RL, Wenstrom KD. Midtrimester amniotic fluid metalloproteinase-8 (MMP-8) levels above the 90th percentile are a marker for subsequent preterm premature rupture of the membranes. *Am J Obstet Gynecol* 2005; 192: 109-13
90. Wenstrom KD. First trimester Down syndrome screening: component analytes and timing for optimal performance. *Semin Perinat* 2005; 29: 195-202
91. Wenstrom KD. Evaluation of Down syndrome screening strategies. *Semin Perinat* 2005; 29: 219-224
92. Wenstrom KD, Faye-Petersen OM, Johanning GL. DNA methylation and tissue cellularity in hypoplastic left ventricle. *Obstetrics and Gynecology*, *Submitted*
93. Lu G, Owen J, Wenstrom KD. Obstetrics and gynecology resident attitudes toward maternal-fetal medicine fellowship training. *J Mat Fet Neon Med* 2004; 16(5): 259-63.
94. Dizon-Townson D, Miller C, Sibai B, Spong CY, Thom E, Wendel G, Wenstrom KD, Samuels P, Cotroneo MA, Moawad A, Sorokin Y, Meis P, Miodovnik M, O'Sullivan MJ, Conway D, Wapner RJ, Gabbe SG, for the National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network . The Relationship of the Factor V Leiden Mutation and Pregnancy Outcomes for Mother and Fetus. *Obstet Gynecol* 2005; 106: 517-524

95. Aagaard-Tillery K, Sibai B, Spong CY, Momirova V, Wendel G, Wenstrom K, Samuels P, Cotroneo M, Moawad A, Sorokin Y, Miodovnik M, Meis P, O'Sullivan MJ, Conway D, Wapner RJ. National Institutes of Child Health and Human Development Maternal Fetal Medicine Units Network. Sample bias among women with retained DNA samples for future genetic studies. *Obstet Gynecol* 2006; 108(5): 115-20

CHAPTERS AND REQUESTED ARTICLES

1. Wenstrom KD, Gall SA: Subsection C, Chapter Five: Maternal Immunology in Fetal Assessment: Physiological, Clinical, and Medicolegal Principles. Eden RA (Ed.), Appleton and Lange, Norwalk, CT. 1989.
2. Wenstrom KD, Weiner CP: Hypertensive Disorders in Pregnancy. In Conn's Current Therap 1990. WB Saunders Co., Philadelphia, PA.\
3. Wenstrom KD: Toxoplasmosis Infection in Pregnancy. Principles of Medical Therapy in Pregnancy. Gleicher N (Ed.) Second Edition, Appleton & Lange, East Norwalk, CT., 1992.
4. Wenstrom KD: Bites and Stings. Principles of Medical Therapy in Pregnancy. Gleicher N (Ed.) Second Edition, Appleton & Lange, East Norwalk, CT., 1992.
5. Wenstrom KD, Weiner CP: Diagnosis and Therapeutic Management of Fetal Disease. Principles of Medical Therapy in Pregnancy . Gleicher N (Ed.) Second Edition, Appleton & Lange, East Norwalk, CT., 1992.
6. Wenstrom KD, Williamson RA: Deafness: Reproductive counselling considerations. *Contemp OB-GYN* 33:25-30,1989.
7. Wenstrom KD: Epilepsy in pregnancy. *Iowa Perinatal Letter* IX(4), July-August, 1989.
8. Wenstrom KD: Epilepsy in pregnancy. *Postgraduate Medicine* IX(13) June, 1989.
9. Wenstrom KD: Intrauterine growth retardation. *Iowa Perinatal Letter*.
10. Wenstrom KID: Amnioinfusion. *Postgraduate Medicine* XI:(24) Nov, 1991.
11. Wenstrom KD: Amnioinfusion. *The Iowa Perinatal Letter*, 1992.
12. Wenstrom KD: Antepartum Fetal Assessment and Therapy. Obstetric Anesthesia: Principals and Practice. Chestnut D., editor; Mosby Year Book, Philadelphia, 1993.
13. Gardner M, Wenstrom KD. Maternal Adaptations to Multiple Gestation. In: Gall SA, ed. Multiple Pregnancy and Delivery. St. Louis, MO: Mosby-Year Book. In press, July 1994.
14. *Precis VI Prenatal Diagnosis of Genetic Disorders*. Gilstrap, LC 111, Obstetrics section

editor. American College of Obstetricians, 1997.

15. Wenstrom KD: Fetal Tumors. In: High Risk Pregnancy: Management Options. 2nd edition. James DK, Steer PJ, Weiner CP, Gonik B, eds. Philadelphia:W. B. Saunders, 1999.
16. Wenstrom KD, Malee M. Medical and Surgical Problems in Pregnancy. In: Danforth's Obstetrics and Gynecology, 8th Edition. Scott J, DiSaia PJ, Hammond CB, Spellacy WN, eds. Philadelphia:Lippincott-Raven, 1999.
17. Wenstrom KD. The Pharmacologic Challenge of Treating Epilepsy During Pregnancy. NIH Conference: Biologic and Molecular Mechanisms for Sex Differences in Pharmacokinetics, Pharmacodynamics, and Pharmacogenetics, 2000.
18. Wenstrom KD. ACOG Practice Bulletin, Number 27, May 2001. "Detection of Fetal Chromosomal Abnormalities".
19. Wenstrom KD. Correlation of Genotype and Phenotype. NIH Third Gene Therapy Policy Conference. Prenatal Gene Transfer: Scientific Medical and Ethical Issues, 2001.
20. Biggio, JR, Wenstrom KD. Biochemical Screening for Fetal Aneuploidy. Infertility and Reproductive Medicine Clinics of North America. October 2001, Vol 12, No. 4. Pages 1-29.
21. Wenstrom KD. Preconception Counseling for Stillbirth, Internet publication for YourDoctor.com, 2000.
22. Wenstrom KD. Cystic Fibrosis: Genetic Screening and Management of Affected Mothers and Fetuses. Up-To-Date, Burton D Rose, editor, Up-To-Date Publishing, Wellesley, MA.
23. Driscoll-DA, Wenstrom KD, Williams J, III. ACOG Committee on Genetics. ACOG Technology Assessment in Obstetrics and Gynecology. Number 1, July 2002. Genetics and molecular diagnostic testing. *Obstetrics & Gynecology* 100(1):193-211, 2002.
24. Wenstrom KD: Antepartum Fetal Assessment and Therapy. Obstetric Anesthesia: Principles and Practice. Chestnut D., editor; Mosby Year Book, Philadelphia, 2004.
25. Wenstrom KD, Cordero J, Oakley G. Folic Acid- The Right Answer. ACOG Update, 2004; Volume 29.
26. Biggio J, Wenstrom KD: Fetal Tumors. In: High Risk Pregnancy: Management Options. 3rd edition. James DK, Steer PJ, Weiner CP. Gonik B, eds. Philadelphia:W. B. Saunders, 2004.
27. Wenstrom KD: Tutorial on Prenatal Genetic Screening . Encyclopedia of Genetics, Genomics, Proteomics, and Bioinformatics. John Wiley and Sons, London, 2004.
28. Wenstrom KD. Genetic Amniocentesis. Protocols in High Risk Pregnancy, 4th Edition . Queenan JT, Hobbins JC, Spong CY, editors, 2004

29. Wenstrom KD. Cardiac Disease. Protocols in High Risk Pregnancy, 4 th Edition . Queenan JT, Hobbins JC, Spong CY, editors, 2004
30. Wenstrom KD. ACOG Practice Bulletin Number 56, October, 2004. "Multiple Gestation: Complicated Twin, Triplet, and High-Order Multifetal Pregnancy."

ABSTRACTS/PRESENTATIONS (ORAL PRESENTATIONS*)

1. Wenstrom KD, Parsons MT: Maternal blood urea nitrogen creatinine ratio and pregnancy outcome. The Society of Perinatal Obstetricians, Lake Buena Vista, Florida, February, 1987.
2. Wenstrom KD, Parsons MT: The prevention of meconium aspiration in labor using amnioinfusion. The Society of Perinatal Obstetricians, Las Vegas, Nevada, February, 1988.
3. Zuidema LJ, Wenstrom KD: Once a gestational diabetic, not always a gestational diabetic. The Society for Gynecologic Investigation, Baltimore, Maryland, March, 1988.
4. Wenstrom KD, Zuidema LJ: Voluntary Human Immunodeficiency Virus (HIV) Testing Does Not Accurately Identify All HIV Positive Gravidas. The Society of Perinatal Obstetricians, New Orleans, Louisiana, February, 1989.
5. Weiner CP, Grant SS, Hudson J, Williamson RA, Wenstrom KD: Effect of Diagnostic and Therapeutic Cordocentesis Upon Maternal Serum Alpha Fetoprotein (MSAFP). The Society of Perinatal Obstetricians, New Orleans, Louisiana, February, 1989.
- *6. Wenstrom KD, Williamson RA, Weiner CP, Yuh WYC: MRI of Anomalous Fetuses. International Fetal Medicine and Surgery Society, Pacific Grove, California, June, 1989.
7. Wenstrom KD, Muilenberg AC, Patil SR, Hanson JW: A unique phenotype associated with a pericentric inversion of chromosome 6 in three generations. American Society of Human Genetics, Baltimore, Maryland, November, 1989.
8. Wenstrom KD, Weiner CP, Williamson RA: The Significance of Absent Diastolic Flow in the Umbilical Artery Detected During Antepartum Evaluation of High Risk Patients. The Society of Perinatal Obstetricians, Houston, Texas, January, 1990.
9. Wenstrom KD, Weiner CP, Williamson RA: Effect of Gestational Age and Disease on Fetal Liver Function. The Society of Perinatal Obstetricians, Houston, Texas, January, 1990.
- *10. Sipes SL, Weiner CP, Wenstrom KD, Williamson RA, Grant SS: The Association Between Fetal Karyotype and Mean Corpuscular Volume. The Society of Perinatal Obstetricians, Houston, Texas, January, 1990.

- *11. Weiner CP, Wenstrom KD, Williamson RA: The Results of Direct Evaluation and Treatment of Fetal Hemolytic Disease. The Society of Perinatal Obstetricians, Houston, Texas, January, 1990.
- 12. Weiner CP, Hudson J, Williamson RA, Wenstrom KD, Grant SS: The Effect of Fetal Disease Upon Fetal Serum Alpha Fetal Protein (FSAFP). The Society of Perinatal Obstetricians, Houston, Texas, January, 1990.
- 13. Weiner CP, Williamson RA, Wenstrom KD: The Effect of Fetal Disease Upon CPK-Isoenzymes. International Society of Fetal Medicine and Surgery. New Zealand, February, 1990.
- 14. Weiner CID, Wenstrom KD, Williamson RA: Intravascular Transfusion for the Treatment of Nonhemolytic Fetal Anemia. International Society of Fetal Medicine and Surgery, New Zealand, February, 1990.
- *15. Wenstrom KD, Williamson R, Weiner C, Yuh W: MRI of Fetuses with Intracranial Defects. Society for Gynecologic Investigation, San Diego, California, March, 1990.
- *16. Weiner CP, Williamson RA, Wenstrom KD, Grant S: Risk Factors for Complications of Cordocentesis and Intravascular Transfusion (IVT). Society for Gynecologic Investigation, St. Louis, Missouri, March, 1990.
- *17. Weiner CP, Williamson RA, Wenstrom KD, Mueller G, Grant SS, Pelzer GD, Heilskov J: Effect of Gestation Upon Hematocrit Decline After Fetal Intravascular Transfusion (IVT). Society for Gynecologic Investigation, St. Louis, Missouri, March 1990.
- 18. Sipes SL, Weiner CP, Williamson RA, Wenstrom KD: Fetal Echogenic Bowel on Ultrasound: Is There Clinical Significance? Society of Perinatal Obstetricians. San Francisco, California, January 1991.
- *19. Wenstrom KD, Weiner CID, Hanson J: A Five Year State Wide Experience with Congenital Diaphragmatic Hernia. Society of Perinatal Obstetricians, San Francisco, California, January 1991.
- 20. Wenstrom KD, Tessen A Zlatnik FJ, Weiner CP: Twin-Twin Transfusion Syndrome Cannot be Diagnosed by Discordance Alone. Society for Gynecologic Investigation, San Antonio, Texas, March 1991.
- 21. Sipes SL, Weiner CP, Wenstrom KD, Williamson RA, Grant SS: Does Abnormal Umbilical Artery (UA) Doppler Velocimetry Aid in Detection of Karyotypically Abnormal Fetuses in the Setting of Intrauterine Growth Retardation (IUGR)? Society for Gynecologic Investigation, San Antonio, Texas, March 1991.
- 22. Weiner CP, Wenstrom KD, Sipes S, Williamson R: The Fetus Treated for Hemolytic Disease: When to Deliver. Society for Gynecologic Investigation, San Antonio, Texas, March 1991.

23. Palomaki GE, Knight GJ, Haddow JE, Canick JA, Sailer DN, Panizza DS, Grant SS, Wenstrom KD, Hudson JD: Prospective Trial of a Screening Protocol to Identify Trisomy 18 Using Maternal Serum Alpha-Fetoprotein, Unconjugated Estriol, and Human Chorionic Gonadotropin. 8th International Congress of Human Genetics, Washington, DC, October 1991.
24. Engleken JD, Wenstrom KD, Weiner CP, Williamson RA: Magnetic Resonance Imaging of Fetal Abnormalities. Radiological Society of North America, Chicago, Illinois, December 1991.
25. Weiner CP, Estle LC, Wenstrom KD, Sipes SL: Management of fetal hemolytic disease not requiring antenatal transfusion therapy. Society of Perinatal Obstetricians, Orlando, Florida, February 1992.
26. Wenstrom KD, Syrop CH, Hammitt DG, VanVoorhis BJ: Increased risk of monozygotic twinning associated with assisted reproduction. Society of Gynecologic Investigation, San Antonio, Texas, March 1992.
27. Wenstrom KD, Sipes SIL, Williamson RA, Grant SS, Trawick DC, Estle LC: Prediction of pregnancy outcome with single versus serial MSAFP tests. Society for Gynecologic Investigation, San Antonio, Texas, March 1992.
- *28. Wenstrom KD, Williamson RA, Grant SS: One year experience of a state-wide expanded MSAFP screening program. Society of Perinatal Obstetricians, San Francisco, California, February 1993.
29. Wenstrom KD, Patil SR, Sipes SL: Labor and delivery complications in aneuploid fetuses. Society of Perinatal Obstetricians, San Francisco, California, February 1993.
30. Wenstrom KD, Williamson RA, Grant SS: Detection of fetal Turner syndrome with the expanded MSAFP screen. Society of Perinatal Obstetricians, San Francisco, California, February 1993.
31. Alexander JM, Wenstrom KD, Johnson W. Increased stroke volume in fetuses with heartblock. Society of Perinatal Obstetricians, San Francisco, California, January 1994.
32. Wenstrom KD, Andrews WW, Maher JE. Prevalence, protocols, and complications associated with amnioinfusion. Society of Perinatal Obstetricians, San Francisco, California, January 1994.
33. Wenstrom KD, Boots LR, Cospers P. Does the multiple marker screening test identify fetal sex chromosome abnormalities or just cystic hygroma/hydrps? Society of Perinatal Obstetricians, San Francisco, California, January 1994.
34. Wenstrom KD, Owen J, Boots LR, DuBard MB. Is elevated second trimester hCG associated with poor pregnancy outcome? Society of Perinatal Obstetricians, San Francisco, California, January 1994.

35. Brumfield C, Wenstrom KD, Boots LR, DuBard MB, Finley S, Davis RO. Does the multiple marker screening test identify chromosomal abnormalities in the first trimester? Society of Perinatal Obstetricians, San Francisco, California, January 1994.
36. Owen J, Wenstrom KD, Boots LR, DuBard MB, Cospers P, Hsu C. Addition of fetal biometry does not improve the multiple marker screening test for Down syndrome. Society of Perinatal Obstetricians, San Francisco, California, January 1994.
- *37. Wenstrom KD, Desai R, Owen J, DuBard M, Boots L. Comparison of multiple marker screening with elective amniocentesis for detection of aneuploidy in women. 35. Society of Perinatal Obstetricians, Atlanta, GA, January 1995.
38. Wenstrom KD, Owen J, Davis R, Brumfield C. The prognostic value of unexplained elevated amniotic fluid and maternal serum alpha-fetoprotein. Society of Perinatal Obstetricians, Atlanta, GA, January 1995.
39. Wenstrom KD, Hauth J, Goldenberg RL, DuBard M, Lea C. The effect of low-dose aspirin on the development of preeclampsia in women with elevated hCG. Society for Perinatal Obstetricians, Atlanta, GA, January 1995 (Winner, Best Poster Award).
40. Wenstrom KD, Owen J, Boots L, Ethier M. The influence of maternal weight on hCG in the multiple marker screening test. Society for Perinatal Obstetricians, Atlanta, GA, January 1995.
41. Wenstrom KD, Weiner C, Memml D, Neibyl J. A placebo-controlled trial of the terbutaline pump for prevention of preterm delivery. Society for Perinatal Obstetricians, Atlanta, GA, January 1995 (Winner, Best Poster Award).
42. Goepfert A, Wenstrom KD, Brumfield C, Davis R, Owen J. Pregnancy outcome after the diagnosis of a fetal neural tube defect. Society for Perinatal Obstetricians, Atlanta, GA, January 1995.
43. Berdahl LD, Wenstrom KD, Hanson JW. The relationship of web neck anomaly and congenital heart disease. Society for Perinatal Obstetricians, Atlanta, GA, January 1995.
44. Owen J, Wenstrom KD, DuBard MB. A population-based analysis of the amniotic fluid index in 21,000 pregnancies. Society for Perinatal Obstetricians, Atlanta, GA, January 1995.
- *45. Owen J, Wenstrom KD, Davis, RO, Brumfield CG, DuBard MB. The correlation between the amniotic fluid index and a subjective estimate of the amniotic fluid volume in 31,000 sonographic evaluations. Society for Perinatal Obstetricians, Atlanta, GA, January 1995.
46. Guinn DA, Faye-Petersen O, DuBard MB, Wenstrom KD. How valuable is a perinatal autopsy? Society for Perinatal Obstetricians, Atlanta, GA, January 1995.
47. Brumfield CG, Guinn DA, Davis RO, Owen J, Wenstrom KD, McBrayer P. The significance of a nonvisualized fetal bladder during an ultrasound examination to evaluate mid-trimester oligohydramnios. Society for Perinatal Obstetricians, Atlanta, GA, January 1995.

- *48. Chapman SJ, Brumfield CG, Wenstrom KD, DuBard M. Pregnancy Outcome Following False Positive Multiple Marker Screening Tests. ACOG 43rd Annual Clinical Meeting. San Francisco, Ca, May 1995.
- *49. Wenstrom KD, Andrews WW, Tamura T, DuBard M, Johnston KE, Hernstreet GP. Elevated amniotic fluid interleukin-6 levels at genetic amniocentesis predict subsequent pregnancy loss. Society for Perinatal Obstetricians, Kona, Hawaii, February 1996.
50. Wenstrom KD, Owen J, Boots, L. The effect of parity correction on Down syndrome detection using the multiple marker screening test (MMST). Society for Perinatal Obstetricians, Kona, Hawaii, February 1996.
51. Brumfield CG, Wenstrom KD, Davis, RO, Owen J, DuBard M, Cosper P. Early amniocentesis does not increase the risk of pregnancy loss. Society for Perinatal Obstetricians, Kona, Hawaii, February 1996.
52. Brumfield CG, Wenstrom KD, Davis, RO, Owen J, Cosper P. Fetal cystic hygroma--prognosis of septated versus nonseptated lesions. Society for Perinatal Obstetricians, Kona, Hawaii, February 1996.
53. Davis RO, Cosper P, DuBard M, Brumfield CG, Wenstrom KD. Spontaneous pregnancy losses in women referred for mid-trimester genetic counselling. Society for Perinatal Obstetricians, Kona, Hawaii, February 1996.
54. Davis RO, Cosper P, DuBard M, Brumfield CG, Finley S, Owen J, Wenstrom KD. The impact of maternal serum screening tests on mid-trimester prenatal diagnosis. Society for Perinatal Obstetricians, Kona, Hawaii, February 1996.
55. Wenstrom KD, Owen J, Boots, L. Second trimester maternal serum CA-1 25 is superior to estriol in the multiple marker screening test for Down syndrome. Society for Perinatal Obstetricians, Kona, Hawaii, February 1996.
56. Gardner M, Castellano T, Wenstrom KD, Rouse DJ, Izquierdo L, Kramer R. Cost-benefit analysis of Down syndrome screening in women less than 35 years of age. American College of Obstetricians and Gynecologists. Denver, CO, April 1996.
57. Wenstrom KD, Owen J, Chu DC, Boots L. Elevated second trimester dimeric inhibin A levels identify Down syndrome pregnancies. Society for Perinatal Obstetricians, Anaheim, CA, January 1997.
58. Wenstrom KD, Miller M, Brumfield C, Davis R, Owen J. Amniotic fluid pulmonary maturity studies may be unnecessary in fetuses with meningomyelocele and hydrocephalus. Society for Perinatal Obstetricians, Anaheim, CA, January 1997.
59. Wenstrom KD, Owen J, Brumfield CG, Davis RO, DuBard M, Garcia T. Significance of a false positive trisomy 18 multiple marker screening test. Society for Perinatal Obstetricians, Anaheim, CA, January 1997.

- *60. Wenstrom KD, Owen J, Chu DC, Boots L. Alphafetoprotein, free beta human chorionic gonadotrophin, and dimeric inhibin A produce the best results in a three-analyte multiple marker screening test for fetal Down syndrome. Society for Perinatal Obstetricians, Anaheim, CA, January 1997. (Winner, Best Oral Presentation Award)
61. Wenstrom KD, Owen J, Chu DC, Boots L. Free beta hCG subunit versus intact hCG in the multiple marker screening test for fetal Down syndrome. Society for Perinatal Obstetricians, Anaheim, CA, January 1997.
62. Brumfield CG, DuBard M, Cliver S, Owen J, Davis RO, Wenstrom KD. Sonographic measurements and ratios in fetuses with trisomy 18. Society for Perinatal Obstetricians, Anaheim, CA, January 1997.
63. Brumfield CG, Davis RO, Owen J, Wenstrom KD, Mize P. Pregnancy outcomes following sonographic nonvisualization of the fetal stomach. Society for Perinatal Obstetricians, Anaheim, CA, January 1997.
- *64. Davis RO, Brumfield CG, DuBard M, Owen J, Wenstrom KD. An assessment of fetal loss in twin pregnancy after midtrimester amniocentesis. Society for Perinatal Obstetricians, Anaheim, CA, January 1997.
65. Davis RO, Andrews WW, DuBard M, Wenstrom KD, Hauth JC. Mid-trimester interleukin-6 levels in twin pregnancies. Society for Perinatal Obstetricians, Anaheim, CA, January 1997.
66. Halcomb RT, Owen J, Georgeson KE, Wenstrom KD, Davis RO, Brumfield CG. Fetal gastroschisis: The prognostic value of antenatal sonographic findings and selected obstetric factors on neonatal outcome. Society for Perinatal Obstetricians, Anaheim, CA, January 1997.
67. Owen J, Wenstrom KD. The effect of inaccurate gestational age estimation on the multiple marker screening test (MMST) for fetal Down syndrome (DS). Society for Perinatal Obstetricians, Anaheim, CA, January 1997.
68. Owen J, Wenstrom KD, Boots L, Hsu J, Chu DC. Optimizing the multiple marker screening test for fetal Down Syndrome using a pentivariate gaussian algorithm. Society for Perinatal Obstetricians, Anaheim, CA, January 1997.
69. Wenstrom KD, Andrews WW, Hauth JC, Goldenberg RL, DuBard M, Cliver S. Elevated second trimester amniotic fluid interleukin-6 levels predict preterm delivery. Society for Gynecologic Investigation, San Diego, CA, March 1997.
70. Wenstrom KD, Andrews WW, Bowles N, Towbin A Hauth JC, Goldenberg RL. Intrauterine viral infection at the time of second trimester genetic amniocentesis is not associated with post-procedure loss. Society for Gynecologic Investigation, San Diego, CA, March 1997.
71. Wenstrom KD, Owen J, Johanning G, Johnston K, Acton S, Tamura T. Are all five neural tube closure sites affected by homocysteine metabolism? Society for Perinatal Obstetricians, Miami, Florida, February 1998.

72. Wenstrom KD, Chu DC, Owen J. MSAFP, free ' hCG, and dimeric inhibin A detect aneuploidies other than Down Syndrome. Society for Perinatal Obstetricians, Miami, Florida, February 1998.
73. Bajaj P K, Wenstrom KD, DuBard M, Cliver S. Is sonographic EFW less accurate in breech presentation? Society for Perinatal Obstetricians, Miami, Florida, February 1998.
74. Biggio JR, Wenstrom KD, DuBard M. Does hydramnios indicate adverse perinatal outcome? Society for Perinatal Obstetricians, Miami, Florida, February 1998.
75. Guinn DA, Goepfert AR, Owen J, Wenstrom KD, Hauth JC. Terbutaline pump for prevention of preterm delivery: A double blind, placebo-controlled trial. Society for Perinatal Obstetricians, Miami, Florida, February 1998.
76. Brumfield CG, Cliver S, Wenstrom KD, Davis RO, Owen J, DuBard M. Dual elevations of second trimester maternal serum AFP and hCG are associated with adverse pregnancy outcomes. Society for Perinatal Obstetricians, Miami, Florida, February 1998.
77. Brumfield CG, Skinner K, Davis RO, Wenstrom KD, Owen J, Lea C. Mid-trimester fetuses with Trisomy 18: Comparing ultrasound findings to multiple marker test results. Society for Perinatal Obstetricians, Miami, Florida, February 1998.
78. Owen J, Hardin M, Wenstrom KD, Hsu C, Boots LR. Use of non-population based normative analyte values degrades the performance of the multiple marker test for Down syndrome. Society for Perinatal Obstetricians, Miami, Florida, February 1998.
79. Tamura T, Wenstrom KD, Johanning GL, Johnston KE. Changes in the incidence of heterozygous mutant of 5, 10-methylenetetrahydrofolate reductase gene among fetuses with neural-tube defects. Experimental Biology '98, San Francisco, CA, April 1998.
80. Johanning GL, Tamura T, Wenstrom KD, Johnston KE. 5,10-methylenetetrahydrofolate reductase genotypes in fetuses with neural-tube defects. Experimental Biology'98, San Francisco, CA, April 1998.
81. *Wenstrom KD, Owen J, Chu DC, Boots L. Prospective evaluation of free ' hCG and dimeric inhibin A for aneuploidy detection. Society for Maternal Fetal Medicine, San Francisco, CA, January 1999.
82. Wenstrom KD, Owen J, Boots L, DuBard M. Ultrasound dating does not improve multiple marker screening test performance. Society for Maternal Fetal Medicine, San Francisco, CA, January 1999.
83. Wenstrom KD, Descartes M, Franklin J, Cliver SP. A five year experience with Fragile X screening of high risk gravidas. Society for Maternal Fetal Medicine, San Francisco, CA, January 1999.

84. Johanning GL, Wenstrom KD, Johnston KE, Tamura T. The risk of neural-tube defects and the combination of methionine synthase and 5,10-methylenetetrahydrofolate reductase polymorphisms. FASEB 1999;13:A228.
85. Wenstrom KD, DuBard M. Does a fetal neural tube or congenital heart defect indicate increased risk of maternal hypertension? Society for Maternal Fetal Medicine, Miami, FL, February 2000.
86. Wenstrom KD, DuBard M, Owen J, Johanning G, Tamura T. The relationship of amniotic fluid homocysteine and the 677C → T MTHFR mutation to spontaneous pregnancy loss in women with a history of NTD. Society for Maternal Fetal Medicine, Miami, FL, February 2000.
87. Wenstrom KD, Wason CJ. Preconception counseling by MFM subspecialists is efficient and cost-effective. Society for Maternal Fetal Medicine, Miami, FL, February 2000. 8
88. Biggio JR, Wenstrom KD, Owen J, Oakes WJ. Fetal open spina bifida: In Utero Natural history. Society for Maternal Fetal Medicine, Reno, NV, February 2001.
89. Biggio JR, Owen J, Wenstrom KD, Oakes WJ. Can prenatal ultrasound findings predict ambulatory status in fetuses with open spina bifida (OSB)? Society for Maternal Fetal Medicine, Reno, NV, February 2001.
90. Ramsey P, Andrews, WW, Goldenberg RL, Wenstrom KD, Johnston K, Tamura T. Elevated amniotic fluid ferritin levels are associated with inflammation-related pregnancy loss following midtrimester amniocentesis. Society for Maternal Fetal Medicine, Reno, NV, February 2001.
91. Wenstrom KD, Faye-Petersen OM, Johanning GL. DNA methylation and tissue cellularity in hypoplastic left ventricles. Society for Maternal Fetal Medicine, San Francisco, February 2003.
92. Biggio JR, Owen J, Wenstrom KD, Neely C. Elevated midtrimester maternal serum dimeric inhibin-A is associated with small for gestational age infants. Society for Maternal Fetal Medicine, San Francisco, February 2003.
93. Biggio JR, Ramsey PR, Cliver SP, Lyon M, Goldenberg RL, Wenstrom KD. Elevated midtrimester amniotic fluid matrix metalloproteinase-8 levels are a marker for subsequent preterm premature rupture of membranes. Society for Maternal Fetal Medicine, San Francisco, February 2003.
94. Gala R, Biggio J, Ramsey, P, Wenstrom KD. Cystic Fibrosis Screening: To Screen or Not To Screen. Society for Maternal Fetal Medicine, New Orleans, February, 2004
95. Wenstrom KD, Cliver S, Goldenberg R, Rostrand S. In children born IUGR, normalization of weight by age 5 may be associated with hypertension. Society for Maternal Fetal Medicine, Reno, February 2005
96. Ho M, Cliver S, Wenstrom KD. Perinatal outcome in multifetal gestations complicated by intrauterine fetal demise. Society for Maternal Fetal Medicine, Miami, February 2006

FILM

1. Spellacy WN, Wenstrom KD: Cesarean Section. Produced by Davis & Geck. Shown at the 37th Annual meeting of the American College of Obstetricians and Gynecologists, Atlanta, GA, May 1989.

SELECTED LECTURES & COURSE PARTICIPATION

University of Iowa Annual Postgraduate Course -- 1991, 1992

University of Iowa Statewide Faculty Lecture Series -- 1990, 1991, 1992

Baptist Medical Center, Medical Center East, UAB Huntsville -- 1993

UAB Annual Meeting: Progress in Obstetrics and Gynecology –Speaker. 1993--1996, 1998, 1999, 2001, 2002, 2003, 2004, 2005

American College of Obstetricians and Gynecologists Postgraduate Course: "Controversies in Obstetrics" –Speaker. February 12 - 14, 1996

Visiting Professor-Michigan State University, Grand Rapids, MI -- April, 1996

Visiting Professor-Medical College of Georgia -- February 1997

University of Kentucky at Louisville –Speaker. May 1997

Society of Perinatal Obstetricians Fellows Retreat –Speaker. San Antonio Texas, October 1997

Visiting Professor, University of South Florida, Tampa -- October 1997

American College of Obstetricians and Gynecologists Postgraduate Course: Antepartum and Intrapartum Fetal Assessment –Speaker. December 1997

Society of Perinatal Obstetricians Postgraduate Course: Genetics. *Course Director* – January 1998

Society of Perinatal Obstetricians: Moderator, Genetics Oral Session -- January 1998

Visiting Professor-University of Kentucky at Louisville, April 1998

American College of Obstetricians and Gynecologists Postgraduate Course: Medical Complications of Pregnancy. *Course Director* -- July 1998

March of Dimes: Genetics Training- Speaker, Birmingham, AL - September 1998

Perinatal Social Work Conference- Speaker, Birmingham, AL - October 1998

Southwestern Gynecologic Assembly- Speaker, Dallas, TX - December 1998

Society for Maternal-Fetal Medicine (Formerly SPO): Masters' Talk, January 1999

Society for Gynecologic Investigation: Moderator, Clinical Perinatology Oral Session-March 1999

University of Utah- Speaker. Park City, Utah-March 1999

Society for Maternal Fetal Medicine Fellows Retreat –Speaker. October 1999

American College of Obstetricians and Gynecologists Postgraduate Course: "Controversies in Obstetrics"-Speaker. December 1999

Society for Maternal Fetal Medicine: Masters' Talk, February 2000

Society for Maternal Fetal Medicine: Moderator, Prematurity Session, February 2000

Society for Gynecologic Investigation: Mini Symposium on Genetics-Speaker. March 2000
University of Kentucky at Louisville, KY-April 2000

American Gynecological and Obstetrical Society Membership Presentation, September 2000

American College of Obstetricians and Gynecologists Postgraduate Course: "Medical Complications of Pregnancy" Course Director - Feb 2001

Society for Gynecologic Investigation: Moderator, Clinical Perinatology and Genetics -March 2001

Alabama ACOG Spring Meeting –Speaker. May 2001

25th Ross Seminar on Perinatal Medicine –Speaker. June 2001

Visiting Professor-Wake Forest University, Winston-Salem, NC - October 11-13, 2001

Visiting Professor- University of Alabama, Tuscaloosa, AL - October 26, 2001

Visiting Professor- University of Indiana, Indianapolis, IN - November 28, 2001

American College of Obstetricians and Gynecologists Postgraduate Course: "Controversies in Obstetrics" – Speaker. Feb 28-March 2, 2002

St. John's Mercy Medical Center, St. Louis, MO-Sepaker. April 5, 2002

Women's Health Care, P.C., Newburgh, IN-Speaker. April 27,2002

26th Ross Seminar on Perinatal Medicine –speaker. June 2002

Visiting Professor, Resident Graduation Day, University of South Florida, Tampa, FL-June 2002

North East Ohio University College of Medicine-Speaker. November 2002

Society for Maternal Fetal Medicine Fellows Talk - February, 2003

Visiting Professor, Wayne State, Detroit, MI - March 11, 2003

27th Ross Seminar on Perinatal Medicine –Speaker. June 2003

American College of Obstetricians and Gynecologists Postgraduate Course: "Controversies in Obstetrics" – Speaker. Dec 4-6, 2003

Society for Maternal-Fetal Medicine Postgraduate Course: Genetics. *Course Director* - February, 2004

28th Seminar on Perinatal Medicine-The AAP Perinatal Section and Abbott Nutrition. Speaker. June 2004

American College of Obstetricians and Gynecologists Postgraduate Course: "Controversies in Obstetrics" –Speaker. Sept 9-11, 2004

Tenth Annual Perinatal Medicine Conference, Northside Hospital, Atlanta, Georgia- Speaker. October, 2004

Visiting Professor, University of Illinois, October, 2004

Symposia Medicus 11th Annual Florida Winter Perinatal Symposium, Marco Island, FL-Speaker. November, 2004

Cleveland Society of Obstetrics and Gynecology, Cleveland Ohio January, 2005

Alabama Department of Public Health and Emory University, Satellite Conference on Folic Acid: Past, Present and Future-Speaker. January 2005

Society for Maternal-Fetal Medicine: Moderator, Genetics Oral Session- January 2005

Visiting Professor-University of Miami, Miami, Florida, March , 2005

Visiting Professor-Case Western Reserve University, Cleveland, Ohio September 2005

Vanderbilt University, Annual Perinatal Medicine Course-Speaker. December 2005

Dru Carlson Memorial Ultrasound Symposium, Los Angeles California- Speaker. January 2006

Society for Maternal-Fetal Medicine, Genetics Course- Speaker. February 2006

Society for Maternal-Fetal Medicine, Masters Series Lecture, February, 2006

American College of Obstetricians and Gynecologists Course: " Management of Multiple Gestation" – Speaker. May 9-10, 2006. Washington, D.C

29th Seminar on Perinatal Medicine-The AAP Perinatal Section and Abbott Nutrition. Speaker. June 2006

Vanderbilt University Annual Perinatal Medicine Conference: "Why our Babies Die"- Speaker. September 2006

Society for Maternal Fetal Medicine, Masters Series Lecture, February 2007

ACOG Section IX Annual Meeting- Keynote Speaker April 2007

Society for Fetal Urology, Anaheim, California- Featured Speaker, May 2007

30th Seminar on Perinatal Medicine-The AAP Perinatal Section and Abbott Nutrition. Speaker. June 2007

American Association of Pediatrics Annual NeoPrep Course- Speaker. Atlanta, GA August, 2007

CWRU Annual Perinatal Medicine Course, Cleveland, Ohio- Featured Speaker. October, 2007

Vanderbillt University Annual Perinatal Medicine Course, Nashville, TN- Speaker. November, 2007

16th Annual Ob/Gyn Ultrasound Update for Clinical Practice, Ft Lauderdale, FL- Featured Speaker. November, 2007

31st Seminar on Perinatal Medicine-The AAP Perinatal Section and Abbott Nutrition. Speaker. June 2008

