

CURRICULUM VITAE

NAME: Roger Beemer Newman, M.D.

BUSINESS ADDRESS: **BUSINESS TELEPHONE:** (843) 792-4500
Department of Obstetrics and Gynecology
Medical University of South Carolina
96 Jonathan Lucas Street, Suite 634
P.O. Box 250619
Charleston, South Carolina 29425

EDUCATION AND TRAINING

UNDERGRADUATE:

1972-1976 Seton Hall University Bachelor of Science/1976 Biology
South Orange, NJ

GRADUATE:

1976-1980 Medical University of SC Doctor of Medicine/1980 Medicine
Charleston, SC

POST-GRADUATE:

1980-1984 Medical University of SC Dr. Lawrence L. Hester Jr., Obstetrics and
Charleston, SC Gynecology
1984-1986 University of California Dr. Julian T. Parer, Maternal-Fetal Medicine
San Francisco, and
Cardiovascular Research
Institute, San Francisco, CA

APPOINTMENTS AND POSITIONS

ACADEMIC:

1984-1986 Obstetrics and Gynecology, University of Clinical Instructor
California and Children's Hospital of San
Francisco, California
1986-1990 Obstetrics and Gynecology, Division of Assistant Professor
Maternal-Fetal Medicine, Medical University
of South Carolina, Charleston

1990-1997	Obstetrics and Gynecology, Division of Maternal-Fetal Medicine, Medical University of South Carolina, Charleston	Associate Professor
1997-2000	Obstetrics and Gynecology, Division of Maternal-Fetal Medicine, Medical University of South Carolina, Charleston	Professor (with tenure)
2000-present	Obstetrics and Gynecology, Division of Maternal-Fetal Medicine, Medical University of South Carolina, Charleston	Professor and Vice Chairman for Academic Affairs
2005-present	Obstetrics and Gynecology, Division of Maternal-Fetal Medicine, Medical University of South Carolina, Charleston	Professor and Vice Chairman for Academic Affairs and Women's Health Research
2008-present	College of Graduate Studies, Medical University of South Carolina, Charleston	Full Member of Graduate Faculty

NON-ACADEMIC:

1990-2005	Division of Maternal-Fetal Medicine, Obstetrics and Gynecology, Medical University of South Carolina, Charleston	Director
1990-2000 2005-present	Maternal-Fetal Medicine Fellowship Program, Obstetrics and Gynecology, Medical University of South Carolina, Charleston	Director
1990-2000	Scientific Advisory Committee; Neonatal Nutrition Training Conference, Medical University of South Carolina, Charleston	Member
1991-2005	Prenatal Wellness Center, Medical University of South Carolina, Charleston	Medical Director
1993-2005	Labor and Delivery, Medical University of South Carolina, Charleston	Medical Director
1995-2005	Scientific Advisory Committee; NIH-General Clinical Research Center, Medical University of South Carolina, Charleston	Member
1996-1997	Faculty Senate, Medical University of South Carolina, Charleston	Senator, College of Medicine
1997-1998	ACOG South Carolina Section	Vice Chairman

1998-2001	ACOG South Carolina Section	Chairman
2000-2004	Society for Maternal-Fetal Medicine	Board Member
2000-present	American Board of Obstetrics and Gynecology	Board Examiner
2002-present	March of Dimes, Trident Region	Board Member
2003-present	Society for Maternal-Fetal Medicine Foundation	Board Member
2005-present	Maternal-Fetal Medicine Foundation	Executive Board
2004-2005	South Carolina Obstetrical and Gynecological Society	President
2005-2006	Society for Maternal-Fetal Medicine	President-Elect
2006-2007	Society for Maternal-Fetal Medicine	President
2007-2008	Society for Maternal-Fetal Medicine	Immediate Past President
2006-present	NIH-NICHD Maternal-Fetal Medicine Units (MFMU) Network	Advisory Board
2008-present	MUSC BIRCWH K-12 Grant	Advisory Board
2008-present	MUSC Junior Doctors of Health	Advisory Board

COMMITTEE APPOINTMENTS

Continuing:

1986-2005	Women and Infants Services Committee
1986-2000	Pharmacy and Therapeutics Committee
1995-1998	Physician Clinical Directors Committee
1995-1999	Physician Professional Education Committee for MUSC Diabetes Initiative
1995-present	Scientific Advisory Committee: Triplet Connection
1999-2004	Technology Assessment Committee
2001-present	Health Information Services Advisory Committee
2002-2004	Document Imaging Project Subcommittee
2002-2005	Dean's Clinical Council

Ad Hoc:

1988	University Ad Hoc Committee HIV Policy
1990	Governors Ad Hoc Committee on Obstetrics
1994	Information Systems Strategic Planning Advisory Committee
1995	Liaison Committee in Medical Education (LCME) Working Group

1996	MUSC Strategic Planning Working Group on Graduate Medical Education
2002	MUSC Strategic Planning Working Group on Healthy Youth and Development
2003	South Carolina Birth Defects Surveillance Task Force
2007	Maternal Nutrition Group, Healthy Mothers, Healthy Babies Coalition
2008	Search Committee: Associate Provost for Faculty Development

CERTIFICATION AND LICENSURE

SPECIALTY AND SUB-SPECIALTY CERTIFICATION:

1987	American Board of Obstetrics and Gynecology, recertified 1997, recertified 2007
1988	American Board of Obstetrics and Gynecology, subspecialty in Maternal-Fetal Medicine, recertified 1997, recertified 2007

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

1972	National Honor Society (Golden Key)
1975	Alpha Epsilon Delta Premedical Honor Society
1979	Alpha Omega Alpha Medical Honor Society
1981	American College of Obstetricians and Gynecologists
1984	Thegos Society
1986	Society of Maternal-Fetal Medicine
1986	South Carolina Medical Association
1986	Charleston County Medical Society
1989	South Atlantic Association of Obstetricians and Gynecologists
1994	South Carolina Obstetrical and Gynecological Society
1995	International Society of Ultrasound in Obstetrics and Gynecology
2002	American Gynecological and Obstetrical Society

SELECTED HONORS

1970-1976	National Forensic Awards
1972	Class Speaker, Spring Valley High School
1972	Student Body President, Spring Valley High School
1975	Alpha Epsilon Delta, Seton Hall University
1976	Magna Cum Laude, Seton Hall University
1979	Vice President, Alpha Omega Alpha, Medical University of SC
1980	Third Honor Graduate, Medical University of South Carolina
1984	AMSA Award for Outstanding Medical Student Education

1985	Society of Perinatal Obstetricians Excellence in Research Award
1986, 2001, 2004	Faculty Excellence Award
1990	Nominated for Health Science Foundation's Developing Scholar Award
1982, 84, 86, 87, 90, 92, 94, 95, 97	Nominated for Golden Apple Award (MUSC Resident Teaching Award)
2000	Golden Apple Award (MUSC Faculty Teaching Award)
1991, 92, 93, 94, 95, 97	Invited Lecturer, Medical Pearls Lecture by MUSC graduating class
1992-2008	The Best Doctors in America; Maternal-Fetal Medicine, Marfeh S and Smith GW (Eds). Woodward and White
1994	Medical University of South Carolina Key 100 Society
1995	ACOG District IV Junior Fellows Outstanding Faculty Award
1995	Nominated for Health Sciences Foundation's Teaching Excellence Award
1997, 2002	Council on Resident Education in Obstetrics and Gynecology (CREOG) National Faculty Award For Excellence in Resident Education
2007-2008	Best Doctors in America database. www.bestdoctors.com/plaque
2008	"Hero's in the Field" Awarded by South Carolina Palmetto Health

Journal Reviewer

American Journal of Obstetrics and Gynecology
 Obstetrics and Gynecology
 International Journal of Gynecology and Obstetrics
 Journal of Maternal-Fetal Medicine
 Journal of Reproductive Medicine

PUBLICATIONS

Peer-reviewed

1. Katz M, **Newman RB**, Gill PJ. Assessment of uterine activity in ambulatory patients at high risk of preterm labor and delivery. Am J Obstet Gynecol 1986; 154:44-7.
2. **Newman RB**, Gill PJ, Katz M. Uterine activity during pregnancy in ambulatory patients: Comparison of singleton and twin gestations. Am J Obstet Gynecol 1986; 154:530-1.
3. **Newman RB**, Gill PJ, Wittreich P, Katz M. Maternal perception of prelabor uterine activity. Obstet Gynecol 1986; 68:765.
4. Katz M, **Newman RB**. Detection of preterm labor by ambulatory monitoring of uterine activity: A preliminary report. Obstet Gynecol 1986; 68:773.
5. Katz M, Gill PJ, **Newman RB**. Detection of preterm labor by ambulatory monitoring of uterine activity for the management of oral tocolysis. Am J Obstet Gynecol 1986; 154:1253.

Newman RB, 12/5/2008 (CV)

6. Kitzmiller JL, Gin GD, Mall JC, Hendricks SK, **Newman RB**, Scherer L. Measurement of fetal shoulder width with computed tomography in diabetic women. *Obstet Gynecol* 1987; 70:941.
7. **Newman RB**, Gill PJ, Campion S, et al. Antepartum ambulatory tocodynamometry: The significance of low-amplitude, high frequency contractions. *Obstet Gynecol* 1987; 70:701.
8. **Newman RB**, Eddy GL. The association of eclampsia and hydatidiform mole: Case report and review of the literature. *Obstet Gynecol Surv* 1988; 43:185.
9. **Newman RB**, Green JR. Description and evaluation of an unusual intrapartum fetal heart rate pattern. *J Repro Med* 1988; 33:63.
10. **Newman RB**, Eddy GL. Eclampsia as a possible risk factor for persistent trophoblastic disease. *Gynecol Oncol* 1989; 34:212.
11. **Newman RB**, Gill PJ, Campion S, Katz M. The influence of fetal number on antepartum uterine activity. *Obstet Gynecol* 1989; 73:695.
12. **Newman RB**, Hamer C, Miller MC. Outpatient triplet management: A contemporary review. *Am J Obstet Gynecol* 1989; 161:547-55.
13. **Newman RB**, Richmond GS, Winston YE, Katz M. Uterine activity characteristics differentiating true from threatened preterm labor. *Obstet Gynecol* 1990; 76:39S.
14. Godsey RK, **Newman RB**. Hyperemesis gravidarum: A comparison of single and multiple admissions. *J Reprod Med* 1990; 36:287-90.
15. **Newman RB**, Campbell BA, Stramm SL. Objective tocodynamometry identifies labor onset earlier than subjective maternal perception. *Obstet Gynecol* 1990; 76:1089-92.
16. Jones JS, **Newman RB**, Miller MC. Cross-sectional analysis of triplet birth weight. *Am J Obstet Gynecol* 1991; 164:135-40.
17. **Newman RB**, Jones JS, Miller MC. Influence of clinical variables on triplet birth weight. *Acta Genet Med Gemellol: Twin Research* 1991; 40:173-9.
18. Fletcher SE, Fyfe DA, Case CL, Wiles HB, Upshur JK, **Newman RB**. Myocardial necrosis in the newborn following long term low dose subcutaneous terbutaline infusion for suppression of preterm labor. *Am J Obstet Gynecol* 1991; 165:1401-4.
19. **Newman RB**, Godsey RK, Ellings JM, Campbell BA, Eller DP, Miller MC. Quantification of cervical change: Relationship to preterm delivery in the multifetal gestation. *Am J Obstet Gynecol* 1991; 165:264-71.
20. Campbell BA, **Newman RB**, Stramm SL. Uterine activity after preterm premature rupture of the membranes. *Am J Obstet Gynecol* 1991; 165:422-5.

21. Michael KA, Henderson PL, **Newman RB**, Ramsey EN, Caldwell RD. Impact of a pharmacist/physician cooperative target drug monitoring program on prophylactic antibiotic prescribing in obstetrics and gynecology. *Hosp Pharm* 1992; 27:213-6.
22. Eller DP, **Newman RB**, Stramm SL. The effect of maternal intravenous glucose administration on fetal activity. *Am J Obstet Gynecol* 1992; 167:1071-4.
23. Eller DP, Robinson LJ, **Newman RB**. Position of the vibroacoustic stimulator does not affect fetal response. *Am J Obstet Gynecol* 1992; 167:1137-9.
24. Eller DP, **Newman RB**, Ellings JM, Campbell BA, Miller MC. Modifiable determinants of birth weight variability in twins. *J Mat Fet Med* 1993; 2:254-9.
25. Ellings JM, **Newman RB**, Bivins HA, Hulsey TC, Keenan A. Certified nurse midwife-directed twins clinic reduces very low birthweight delivery and perinatal mortality. *Obstet Gynecol* 1993; 81:387-91.
26. **Newman RB**, Peacock BS, VanDorsten JP, Hunt HH. Predicting success of external cephalic version. *Am J Obstet Gynecol* 1993; 169:245-50.
27. Bivins HA, Cope DA, **Newman RB**, Eller DP. Randomized trial of intraumbilical vein oxytocin in mid-trimester pregnancy losses. *Am J Obstet Gynecol* 1993; 169:1070-3.
28. Bivins HA, **Newman RB**, Fyfe DA, Campbell BA, Stramm SL. Randomized trial of oral indomethacin and terbutaline sulfate for the long term suppression of preterm labor. *Am J Obstet Gynecol* 1993; 169:1065-70.
29. Bivins HA, **Newman RB**, Ellings JM, Hulsey TC, Keenan A. Risks of antepartum cervical examination in multifetal gestations. *Am J Obstet Gynecol* 1993; 169:22-5.
30. Eller DP, Scardo JA, Dillon AE, Klein AJ, Stramm SL, **Newman RB**. Distance from an intrauterine hydrophone as a factor affecting intrauterine sound pressure levels produced by VAST. *Am J Obstet Gynecol* 1995; 173:523-7.
31. Edwards MS, Ellings JM, Menard MK, **Newman RB**. Predictive value of antepartum ultrasound examination for anomalies in twin gestations. *Ultrasound Obstet Gynecol* 1995; 6:43-9.
32. Campbell BA, **Newman RB**, Eller DP, Cox SM, Roussis P, Horn EJ, Stramm SL. Intra-amniotic 15-methyl prostaglandin F₂ versus intravaginal prostaglandin E₂ for second trimester labor induction. *J Mat Fetal Med* 1995; 4:35-8.
33. Scardo JA, **Newman RB**, Hogg BB. Favorable hemodynamic effects of magnesium sulfate in preeclampsia. *Am J Obstet Gynecol* 1995; 173:1249-53.
34. Scardo JA, Ellings JM, **Newman RB**. Prospective determination of chorionicity, amnionicity, and zygosity in twin gestations. *Am J Obstet Gynecol* 1995; 173:1376-80.
35. **Newman RB**, Ellings JM. Antepartum management of the multiple gestation: The case for

- specialized care. *Sem Perinatol* 1995; 19:387-403.
36. Menard MK, **Newman RB**, Keenan A. Prognostic significance of prior preterm delivery: Twin or singleton. *Am J Obstet Gynecol* 1996; 174:1429-32.
 37. Scardo JA, Vermillion S, Hogg BB, **Newman RB**. Hemodynamic effects of oral nifedipine in preeclamptic hypertension emergencies. *Am J Obstet Gynecol* 1996; 175:336-40.
 38. Scardo JA, **Newman RB**. Differential effects of magnesium on selected measures of vascular resistance in preeclampsia. *J Matern Fetal Invest* 1996; 6:184-7.
 39. Brost BC, Scardo JA, **Newman RB**. Diphenhydramine overdose during pregnancy: Lessons from the past. *Am J Obstet Gynecol* 1996; 175:1376-7.
 40. Scardo J, Kiser R, Dillon A, Brost B, **Newman R**. Hemodynamic comparison of mild and severe preeclampsia: Concept of stroke systemic vascular resistance index. *J Mat Fetal Med* 1996; 5:268-72.
 41. Brost BC, Campbell BA, Stramm S, Eller D, **Newman RB**. A randomized clinical trial of antibiotic therapy for antenatal pyelonephritis. *Inf Dis Obstet Gynecol* 1996; 4:294-7.
 42. Brost BC, **Newman RB**, Fries M, Calhoun BC. The effects of hemodialysis on total intrauterine volume. *Ultrasound Obstet Gynecol* 1996; 7:1-3.
 43. Brost BC, Goldenberg RL, Mercer BM, Iams JD, Meis PJ, Moawad AF, **Newman RB**, Miodovnik M, Caritis SN, Thurnau GR, Bottoms SF, Das A, McNellis D. The Preterm Prediction Study: Association of cesarean delivery with increases in maternal weight and body mass index. *Am J Obstet Gynecol* 1997; 177:333-41.
 44. Goldberg J, **Newman RB**, Rust PF. Interobserver reliability of digital and endovaginal ultrasonographic cervical length measurements. *Am J Obstet Gynecol* 1997; 177:853-8.
 45. Scardo, JA, Brost BC, Sola E, **Newman RB**, Tate SB. Severe hypotension with nifedipine-magnesium in severe preeclampsia: A hemodynamic observation. *J Matern Fetal Invest* 1997; 7:152-4.
 46. **Newman RB**, Ellings JM, O'Reilly MM, Brost BC, Miller MC. Correlation of antepartum uterine activity and cervical change in twin gestations. *Acta Genet Med Gemellol* 1997; 46:1-7.
 47. Dillon AE, Menard MK, Rust P, **Newman RB**, VanDorsten JP. Glucometer correlation on venous glucola samples. *Am J Obstet Gynecol* 1997; 177:1120-3.
 48. **Newman RB** for the NICHD MFMU Network. The Preterm Prediction Study: Comparison of the cervical score and Bishop score for the prediction of spontaneous preterm birth. *J Soc Gynecol Invest* 1997; 4:152-A.
 49. VanDorsten JP, Hulsey TC, **Newman RB**, Menard MK. Fetal anomaly detection by second trimester ultrasonography in a tertiary center. *Am J Obstet Gynecol* 1998; 178:742-9.

50. Mauldin JG, **Newman RB**, Mauldin PD. Cost effective delivery management of the vertex/nonvertex twin gestation. *Am J Obstet Gynecol* 1998; 179:864-9.
51. Luke B, Gillespie B, Min S-J, Avni M, Witter FR, **Newman RB**, Mauldin JG, Salmar AF, O'Sullivan MJ. The importance of early weight gain on the intrauterine growth and birthweight of twins. *Am J Obstet Gynecol* 1998; 179:1155-61.
52. Brost BC, Scardo JA, **Newman RB**, VanDorsten JP. The effects of fetal position on the amniotic fluid index. *Am J Obstet Gynecol* 1999; 181:1222-4.
53. Brost BC, **Newman RB**, Hendricks SK, Droste S, Mathur RS. Effect of hemodialysis on serum progesterone level in pregnant women. *Am J Kidney Dis* 1999; 33:917-9.
54. **Newman RB**, Mauldin JG, Ebeling M. Risk factors for neonatal death in twin gestations in the state of South Carolina. *Am J Obstet Gynecol* 1999; 180:757-62.
55. Pierre H, **Newman RB**, Scardo JA. Thoracic-fluid conductivity in peripartum women with pulmonary edema. *Obstet Gynecol* 1999; 94:48-51.
56. Shirali GS, Tasseey C, **Newman R**. Fetal cardiology. *JAMA* 1999; 95(10):395-6.
57. Vermillion ST, Scardo JA, **Newman RB**, Chauhan SP. A randomized double blind trial of oral nifedipine and intravenous labetalol in hypertensive emergencies of pregnancy. *Am J Obstet Gynecol* 1999; 181(4):858-61.
58. Scardo JA, Vermillion ST, **Newman RB**, Chauhan S. A randomized double-blind hemodynamic study of oral nifedipine and intravenous labetalol in hypertensive urgencies of pregnancy. *Am J Obstet Gynecol* 1999; 181:862-6.
59. Vermillion ST, **Newman RB**. Recent indomethacin tocolysis is not associated with neonatal complications in preterm infants. *Am J Obstet Gynecol* 1999; 181:1083-6.
60. Min SJ, Luke B, Gillespie B, Min L, **Newman RB**, Mauldin JG, Witter FR, Fawwaz AS, O'Sullivan MJ. Birthweight references for twins. *Am J Obstet Gynecol* 2000; 182:1250-7.
61. Vermillion ST, Soper DE, **Newman RB**. Neonatal sepsis and death after multiple courses of antenatal betamethasone. *Am J Obstet Gynecol* 2000; 183:810-4.
62. Vermillion ST, Soper DE, Bland ML, **Newman RB**. Effectiveness of antenatal corticosteroids after preterm premature rupture of the membranes. *Am J Obstet Gynecol* 2000; 183:930-2.
63. **Newman RB**, Goldenberg RL, Moawad AH, Iams JD, Meis PJ, Das A, Miodovnik M, Caritis SN, Thurnau GR, Dombrowski MP, Roberts J for the National Institute of Child Health and Human Development, Maternal-Fetal Medicine Units Network, Bethesda, Maryland. Occupational fatigue and preterm premature rupture of the membranes. *Am J Obstet Gynecol* 2001; 184:438-46.

64. Gernt PR, Mauldin JG, **Newman RB**, Durkalski VL. Sonographic prediction of twin birthweight discordance. *Obstet Gynecol* 2001; 97(1):53-6.
65. Vermillion ST, Soper DE, **Newman RB**. Is betamethasone effective longer than 7 days after treatment? *Obstet Gynecol* 2001; 97:491-3.
66. **Newman RB**, Krombach S, Myers MC, McGee DL. Effect of cerclage on obstetrical outcome in twin gestations with a shortened cervical length. *Am J Obstet Gynecol* 2002; 186:634-40.
67. Iams JD, **Newman RB**, Thom EA, Goldenberg RL, Mueller-Heubach E, Moawad A, Sibai BM, Caritis SN, Miodovnik M, Paul RH, Dombrowski MP, McNellis D for the National Institute of Child Health and Human Development Network of Maternal-Fetal Medicine Units. Frequency of uterine contractions and the risk of spontaneous preterm delivery. *N Engl J Med* 2002; 346(4):250-5.
68. Luke B, Nugent C, van de Ven C, Martin D, O'Sullivan MJ, Eardley S, Witter FR, Mauldin J, **Newman RB**. The association between maternal factors and perinatal outcomes in triplet pregnancies. *Am J Obstet Gynecol* 2002; 187:752-7.
69. Luke B, Hediger ML, Nugent C, **Newman RB**, Mauldin JG, Witter FR, O'Sullivan MJ. Body mass index-specific weight gains associated with optimal birth weights in twin pregnancies. *J Reprod Med* 2003; 48(4):217.
70. Gonzalez-Quintero VH, Luke B, O'Sullivan MJ, Misiunas R, Anderson E, Nugent C, Witter F, Mauldin J, **Newman RB**, D'Alton M, Grainger D, Saade G, Hankins G, Macones G. Antenatal factors associated with significant birth weight discordancy in twin gestations. *Am J Obstet Gynecol* 2003; 189:813-7.
71. **Newman RB**, Johnson F, Das A, Goldenberg RL, Swain M, Moawad A, Sibai BM, Caritis SN, Miodovnik M, Paul RH, Dombrowski MP, Collins-Sharp BA, Fischer M for the NICHD Network of Maternal-Fetal Medicine Units. Uterine contraction frequency before and after successful tocolytic therapy for preterm uterine contractions. *J Reprod Med* 2003 48:843-9.
72. Luke B, Brown MB, Nugent C, Gonzalez-Quintero VH, Witter FR, **Newman RB**. Risk factors for adverse outcomes in spontaneous vs assisted-conception twin pregnancies. *Fertil Steril* 2004; 81:315-9.
73. Dombrowski MP, Schatz M, Wise R, Momirova V, Landon M, Mabie W, **Newman RB**, McNellis D, Hauth JC, Lindheimer M, Caritis SN, Leveno KJ, Meis P, Miodovnik M, Wapner RJ, Paul RH, Varner MW, O'Sullivan MJ, Thurnau GR, Conway DL for the NICHD Maternal-Fetal Medicine Units Network and the NHLBI. Asthma during pregnancy. *Obstet Gynecol* 2004; 103:5-12

74. Dombrowski MP, Schatz, M, Wise R, Thom EA, Landon M, Mabie W, **Newman RB**, McNellis D, Hauth JC, Lindheimer M, Caritis SN, Leveno KJ, Meis P, Miodovnik M, Wapner RJ, Varner MW, O'Sullivan MJ, Conway DL for the NICHD Maternal-Fetal Medicine Units Network and the NHLBI. Randomized trial of inhaled beclomethasone dipropionate versus theophylline for moderate asthma during pregnancy. *Am J Obstet Gynecol* 2004; 190:737-44.
75. Schatz M, Dombrowski MP, Wise R, Thom EA, Landon M, Mabie W, **Newman RB**, Hauth JC, Lindheimer M, Caritis SN, Leveno KJ, Meis P, Miodovnik M, Wapner RJ, Paul RH, Varner MW, O'Sullivan MJ, Thurnau GR, Conway D and McNellis D for the NICHD Maternal-Fetal Medicine Units Network and the NHLBI. Asthma morbidity during pregnancy can be predicted by severity classification. *J Allergy Clin Immunol* 2003; 112:283-8.
76. ACOG Practice Bulletin, No. 56. Multiple Gestation: Complicated Twin, Triplet and High-Order Multiple pregnancy. Wenstrom K, Elliot J, **Newman RB**, Peaceman A, Chahaun S. 2004; 104(No. 4).
77. Min S-J, Luke B, Min L, Misiunas R, Nugent C, Van De Ven C, Martin, D, Quintero-Gonzalez VH, Eardley S, Witter FR, Mauldin JG, **Newman RB**. Birthweight References for Triplets. *Am J Obstet Gynecol* 2004; 191: 809-14.
78. Schatz M, Dombrowski MP, Wise R, Momirova V, Landon M, Mabie W, **Newman RB**, Hauth JC, Lindheimer M, Caritis SN, Leveno KJ, Meis P, Miodovnik M, Wapner RJ, Paul RH, Varner MW, O'Sullivan MJ, Thurnau GR and Conway DL for The National Institute of Child Health and Development Maternal-Fetal Medicine Units Network and The National Heart, Lung, and Blood Institute. The relationship of asthma medication use to perinatal outcome. *J Allergy Clin Immunol* 2004; 113:1040-5.
79. Luke B, Morton BB, Alexandre PK, Kinoshi T, O'Sullivan MJ, Martin D, Misiunas RB, Nugent C, Van De Ven C, **Newman RB**, Mauldin JG, Witter FR. The cost of twin pregnancy: Maternal and neonatal factors. *Am J Obstet Gynecol* 2005; 192: 909-15.
80. Luke B, Hediger M, Sung-Joon M, Brown MB, Misiunas RB, Gonzalez-Quintero H, Nugent C, Witter FR, **Newman RB**, Hankins G, Grainger DA, Macones GA. Gender mix in twins and fetal growth, length of gestation and adult cancer risk. *Pediatric and Perinatal Epidemiology* 2005; 19 (Suppl. 1): 41-7.
81. Hulsey TC, Neal D, Bondo SC, Hulsey T, **Newman RB**. Maternal Pre-pregnant Body Mass Index and Weight Gain Related to Low Birth Weight in South Carolina. *Southern Med J* 2005; 98: 1-9.
82. Luke B, Brown MB, Misiunas RB, Mauldin JG, **Newman RB**, Nugent C, Gonzales-Quintero VH, Witter FR, Hankins GDV, D'Alton M, Macones GA, Grainger DA. Elevated maternal glucose concentrations and placental infection in twin pregnancies. *J Reprod Med* 2005; 50: 241-245.
83. Berghella V, Iams JD, **Newman RB**, McPherson C, Goldenberg RL, Mueller-Heuback E, Caritis SN, Dombrowski MP. National Institute of Child Health and Human Development Network of MFM Units. Frequency of uterine contractions in asymptomatic pregnant women

- with or without a short cervix on transvaginal ultrasound scan. *Am J Obstet Gynecol* 2004; 191: 1253-6.
84. Luke B, Brown MB, Misiunas RB, Gonzalez-Quintero H, Nugent C, van de Ven C, Witter FR, **Newman RB**, D'Alton M, Hankins GDV, Grainger DA, Macones GA. The Hispanic Paradox in Twin Pregnancies. *Twin Research and Human Genetics*, Vol 8, Number 5: 532-537.
 85. Hediger ML, Luke B, Gonzales-Quintero VH, Martin D, Nugent C, Witter FR, Mauldin JG, **Newman RB**. Fetal growth rates and the very preterm delivery of twins. *Am J Obstet Gynecol* 2005; 193: 1498-507.
 86. Schatz M, Dombrowski MP, Wise R, Momirova V, Landon M, Mabie W, **Newman RB**, Hauth JC, Lindheimer M, Caritis SN, Leveno KJ, Meis P, Miodovnik M, Wapner RJ, Paul RH, Varner MW, O'Sullivan MJ, Thurnau GR and Conway DL for The National Institute of Child Health and Development Maternal-Fetal Medicine Units Network and The National Heart, Lung, and Blood Institute. Spirometry is related to perinatal outcomes in pregnant women with asthma. *Am J Obstet Gynecol* 2006; 194: 120-6.
 87. Hendler I, Schatz M, Momirova V, Wise R, Landon M, Mabie W, **Newman RB**, Kiley J, Hauth JC, Moawad A, Caritis SN, Spong, CY, Leveno KJ, Miodovnik M, Meis P, Wapner RJ, Paul RH, Varner MS, O'Sullivan MJ, Thurnau GR, Conway DL for the National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Association of obesity with pulmonary and nonpulmonary complications of pregnancy in asthmatic women. *Obstet and Gynecol* 2006; 108-77.
 88. Sullivan SA, Hill EG, **Newman RB**, Menard MK. Maternal-Fetal Medicine specialist density is inversely associated with maternal mortality ratios. *Am J Obstet Gynecol* 2005; 193: 1083-8.
 89. Rittenberg C, Sullivan S, Istwan N, Rhea D, Stanziano G, **Newman R**. Clinical characteristics of women prescribed 17 alpha-hydroxy-progesterone caproate in the community setting. *Am J Obstet Gynecol* 2007; 197: 262.e1-262.e4.
 90. Roman H, Goffinet F, Hulseley TF, **Newman R**, Robillard PY, Hulseley TC. Maternal body mass index at delivery and risk of cesarean due to dystocia in low risk pregnancies. *Acta Obstet Gynecol Scand* 2007 (In press).
 91. **Newman RB**, Iams JD, Das A, et al for the National Institute of Child Health and Human Development Network of Maternal-Fetal Medicine Units. A prospective masked observational study of uterine contraction frequency in twins. *Am J Obstet Gynecol* 2006; 195:1564-70.
 92. Platz EA, **Newman RB**. Diagnosis of IUGR: Traditional Biometry. *Seminar Perinatol* 2008; 32: 140-147.
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108. González-Quintero VH, Luke B, O'Sullivan MJ, Misiunas R, Anderson E, Nugent C, Witter F, Mauldin J, **Newman RB**, D'Alton M, Grainger D, Saade G, Hankins G, Macones G. Antenatal factors associated with significant birthweight discordancy in twins. Society for Maternal-Fetal Medicine, San Francisco, California. February 2003.
109. González-Quintero V, Luke B, Nugent C, Misiunas RB, Anderson E, Witter F, Mauldin J, **Newman RB**, D'Alton M, Hankins G, Saade G. The Hispanic epidemiologic paradox. Society for Maternal-Fetal Medicine, San Francisco, California. February 2003.
110. Min S-J, Luke B, Misiunas R, Anderson E, Nugent C, van de Ven C, Martin D, O'Sullivan MJ, Eardley S, Witter FR, Mauldin JG, **Newman RB**. Birthweight references for triplets. Society for Maternal-Fetal Medicine, San Francisco, California. February 2003.
111. **Newman RB**, Collins Sharp B, Menard MK, Mauldin JG, Hulsey J. Racial disparity in fetal mortality in rural South Carolina. SC Rural Health Care Association Annual Meeting. Columbia, South Carolina. February 2003.
112. Luke B, Brown MB, Anderson E, Misiunas R, Martin D, González-Quintero VH, O'Sullivan MJ, Nugent C, van de Ven C, Witter FR, Mauldin J, **Newman RB**, Hankins GVD, Saade G, Grainger D, Macones G. Risk factors for adverse outcomes in spontaneous vs assisted-conception twin pregnancies. (Oral). Society for Maternal-Fetal Medicine, San Francisco, California. February 2003.
113. Luke B, Brown MB, Misiunas RB, Anderson E, Mauldin JG, **Newman RB**, Nugent C, González-Quintero VH, O'Sullivan MJ, Witter FR, Hankins GVD, Saade G, D'Alton M, Macones G, Grainger D. Elevated maternal glucose concentrations and placental infection in twin pregnancies. Society for Pediatric and Perinatal Epidemiology Research (SPER), Atlanta, Georgia. June 2003.
114. Arbabi K, **Newman RB**, Collins-Sharp BC. Parenting stress in mothers of multiple and singleton children (oral). South Carolina Obstetrical and Gynecological Society Annual Meeting. The Grove Park Inn. Asheville, North Carolina. Sept 2003.

115. Berghella V, **Newman RB**, for the National Institute of Child Health and Human Development Network of MFM Network. Frequency of uterine contractions in asymptomatic pregnant women with or without a short cervix on transvaginal ultrasound. Society for Maternal-Fetal Medicine, New Orleans, Louisiana, 2004.
116. Hediger ML, Luke B, Martin D, Gonzalez-Quintero VH, Witter FR, **Newman RB**, O'Sullivan MJ, Hankins GVD, D'Alton M, Reece EA. Fetal growth rates and very preterm birth in twin pregnancies. Society for Pediatric and Perinatal Epidemiologic Research, Salt Lake City, Utah. June 2004.
117. Luke B, Brown MD, Misiunas RB, Gonzalez-Quintero VH, Nugent C, van de Ven C, Witter FR, **Newman RB**, D'Alton M, Hankins GVD, Grainger DA, Macones GA. The association between maternal body mass index, race, Hispanic ethnicity, and twin pregnancy outcome. Society for Pediatric and Perinatal Epidemiologic Research, Salt Lake City, Utah. June 2004.
118. Min S-J, Luke B, Gillespie B, Min L, Misiunas RB, Gonzalez-Quintero VH, Witter FR, **Newman RB**, Hankins GDV, Grainger DA, Macones GA. Effect of early maternal weight gain on twin fetal growth and birth outcomes: A theoretical foundation. International Society for Twin Studies, Odense, Denmark. July 2004. Twin Research 2004: 7:367.
119. Min S-J, Luke B, Gillespie, **Newman RB**, Mauldin JG, Witter FR, Salman F, O'Sullivan MJ. Birthweight references for twins. International Society for Twin Studies, Odense, Denmark. July 2004. Twin Research 2004: 7-367.
120. Min S-J, Luke B, Misiunas R, Anderson E, Nugent C, van de Ven C, Martin D, O'Sullivan MJ, Eardley S, Witter FR, Mauldin JG, **Newman RB**, Birthweight references for triplets. International Society for Twin Studies, Odense, Denmark. July 2004. Twin Research 2004: 7-367.
121. Luke B, Brown MD, Nugent C. Gonzalez-Quintero VH, Nugent C, van de Ven C, Witter FR, **Newman RB**. Risk factors for Adverse Outcomes in Spontaneous vs. Assisted-Conception Twin Pregnancies. International Society for Twin Studies, Odense, Denmark. July 2004. Twin Research 2004: 7-364.
122. **Newman RB**, Raney AMP. Integrating systems for the identification and care of women with postpartum mood disorders: A community approach. ACOG District IV Annual Meeting, Savannah, Georgia. October 2004.
123. Pereyo RJ, **Newman RB**, Mishory A, McHenry B. George MS. Performance implications of prolonged work hours in an OB/GYN training program. (Oral). ACOG District IV Annual Meeting, Savannah, Georgia. October 2004.
124. **Newman RB**, Raney AMP. Integrating systems for the identification and care of women with postpartum mood disorders: A community approach. American College of Obstetricians/Gynecologists District IV Annual Meeting. Savannah, Georgia. October 2004.
125. Hulsey TC, Neal D, Bondo SC, Hulsey T, **Newman RB**. Association of maternal pre-

pregnant BMI and weight gain with low birth weight in South Carolina: Implications for Intervention. South Carolina/North Carolina Perinatal Association Annual Meeting (First Place Paper), Myrtle Beach, South Carolina. September 2004.

126. Luke B, Brown MD, Alexandra PK, Kinoshi T, O'Sullivan MJ, Martin D, Misiunas RB, Nugent C, van de Ven C, **Newman RB**, Mauldin JG, Witter FR. The cost of twin pregnancy: Maternal and neonatal factors. Society for Maternal Fetal Medicine, Reno, Nevada. February 2005.
127. Luke B, Brown MD, Misiunas RB, Gonzalez-Quintero VH, Nugent C, van de Ven C, Witter FR, **Newman RB**, D'Alton, Hankins G, Grainger D, Macones G. The Hispanic paradox in twin pregnancies. Society for Maternal Fetal Medicine, Reno, Nevada. February 2005.
128. Luke B, Brown MD, Misiunas RB, Mauldin JG, **Newman RB**, Nugent C, Gonzalez-Quintero VH, Witter FR, Hankins G, D'Alton M, Macones G, Grainger D. Elevated maternal glucose concentrations and placental infection in twin pregnancies. Society for Maternal Fetal Medicine, Reno, Nevada. Feb 2005.
129. Hediger MI, Luke B, Grainger D, Misiunas RB, Anderson E, Witter FR, Mauldin JG, **Newman RB**, Nugent C, O'Sullivan MJ, Hankins G, D'Alton M. Suboptimal first-trimester growth and very preterm delivery of twins. Society for Maternal Fetal Medicine, Reno, Nevada. Feb 2005.
130. Sullivan S, **Newman RB**, Hill E. Maternal-Fetal Medicine Specialist density is associated with or decreased rate of maternal mortality. (Oral). Society for Maternal-Fetal Medicine, Reno, Nevada. Feb 2005.
131. Sullivan S, **Newman RB**, Lage J, Minimaguchi S, Ebeling M. A comparison of placental pathology and perinatal outcome between monochorionic and dichorionic twin sets. Society for Maternal-Fetal Medicine, Reno, Nevada. Feb 2005.
132. Sullivan S, **Newman RB**, Lage J, Minimaguchi S, Ebeling M, Chang E. Placental pathology and perinatal outcome associated with small for gestational age twins. Society for Maternal-Fetal Medicine, Reno, Nevada. Feb 2005.
133. Rittenberg C, Rhea D, **Newman R**. Factors influencing recurrence of preterm delivery. ACOG 53rd Annual Clinical Meeting. San Francisco, California. May 2005.
134. Rittenberg C, **Newman RB**, Impact of maternal fatigue and stress on second trimester cervical length measurements in twin gestations. 53rd Annual Clinical Meeting of ACOG. San Francisco, California. May 2005.
135. **Newman RB**, Hulsey PC. Weight matters: The critical role of maternal nutrition before and during pregnancy (oral). March of Dimes Summit on Premature Birth. Columbia, South Carolina. June 2005.
136. Goodnight W, Hulsey T, **Newman R**. Transabdominal Amnioinfusion in Pregnancies Complicated by Midtrimester PPRM and Oligohydramnios: A Systematic Review. Society

- for Maternal-Fetal Medicine 27th Annual Meeting (poster), San Francisco, CA. Feb 2007.
137. Hediger ML, Luke B, Grainger DA, Witter F, **Newman R**, Gonzales-Quintero VH. Twin Intrapair Crown-Rump Length Discordance and Risk of Very Preterm Birth. Society for Maternal-Fetal Medicine 27th Annual Meeting (poster), San Francisco, CA. Feb 2007.
138. Platt L, Wapner R, D'Alton M, Depp R, O'Keefe D, Abuhamad A, Benacerraf B, Copel J, Evans M, Goldberg J, Ferguson J, Nageotte M, Toland G, Dukes K, Spitz JL, Berkowitz R, Chasen S, **Newman R**. National Consensus Driven Quality Review Program for First Trimester Risk Assessment: The Development Process. Society for Maternal-Fetal Medicine 27th Annual Meeting (poster), San Francisco, CA. Feb 2007.
139. Rittenberg C, Sullivan S, Menard K, **Newman R**. Are Novice Transvaginal Cervical Length Measurement Reliable? Society for Maternal-Fetal Medicine 27th Annual Meeting (poster), San Francisco, CA. Feb 2007.
140. Luke B, Hediger ML, Min L, Nugent C, **Newman R**, Hankins G, Grainger DA. The Effect of Weight Gain by 20 weeks Gestation on Twin Birthweight and Postpartum Weight. Society for Maternal-Fetal Medicine 27th Annual Meeting (poster), San Francisco, CA. Feb 2007.
141. Goodnight W, Hill E, **Newman R**, Rowland A. Achieving Maternal BMI-Specific Weight Gain Goals Improves Birthweight and Gestational Age at Delivery in Twin Pregnancies. Society for Maternal-Fetal Medicine 27th Annual Meeting (poster), San Francisco, CA. Feb 2007.
142. Ayasolla K, Chang E, **Newman R**, VanDorsten JP, Singh I. N-Acetylcysteine (NAC) Reverses the Alterations in Antiooxidant Enzymes Seen in the Reduced Uterine Perfusion Pressure Model (RUPP) of Preeclampsia. Society for Maternal-Fetal Medicine 27th Annual Meeting (poster), San Francisco, CA. Feb 2007.
143. Rittenberg C, Sullivan S, Istwan N, Rhea D, Stanziano G, **Newman R**. Clinical Characteristics of Women Prescribed 17 Alpha-Hydroxyprogesterone Caproate in the Community Setting. Society for Maternal-Fetal Medicine 27th Annual Meeting (poster), San Francisco, CA. Feb 2007.
144. Ryan A, **Newman R**, Odom L. Headache Susceptibility and Pregnancy Outcome. South Atlantic Association of Obstetricians and Gynecologists (poster), 70th Annual Meeting, Sarasota, FL. Jan 2008.
145. Rittenberg C, Sullivan S, Rowland A, Hulsey T, Ebeling M, Batreja M, **Newman R**. 17 Alpha-Hydroxyprogesterone Caproate Prolongs Gestation Among Patients Whose Previous Delivery was Very Preterm, Society for Maternal-Fetal Medicine 28th Annual Meeting, Dallas, TX. Feb 2008.
146. Rittenberg C, Sullivan S, Istwan N, Rhea D, Stanziano G, **Newman R**. Women Receiving 17P Hospitalized for Preterm Labor at <34 weeks Benefit from Daily Perinatal Nursing Surveillance. Society for Maternal-Fetal Medicine 28th Annual Meeting, Dallas, TX. Feb 2008.

147. Abuhamad A, Benacerraf B, Platt L, Toland G, Spitz J, Copel J, D'Alton M, Berkowitz R, O'Keefe D, **Newman R**, Depp R. The Nuchal Translucency Quality Review (NTQR) Program Defined Criteria for Image Review. Society for Maternal-Fetal Medicine 28th Annual Meeting, Dallas, TX. Feb 2008.
148. Abuhamad A, Benacerraf B, Platt L, Toland G, Spitz J, Copel J, D'Alton ME, Berkowitz R, O'Keefe D, **Newman R**, Depp R. The Nuchal Translucency Quality Review (NTQR) Program: Resubmission of Batches. Society for Maternal-Fetal Medicine 28th Annual Meeting, Dallas, TX. Feb 2008.
149. **Newman R**, Sullivan S, Menard M, Rittenberg C, Rowland A, Kirby H. South Carolina Partners for Preterm Birth Prevention: A Regional Perinatal Initiative for the Reduction of Premature Birth in a Medicaid Population. Society for Maternal-Fetal Medicine 28th Annual Meeting, Dallas, TX. Feb 2008.

**CONTINUING MEDICAL EDUCATION
Program Director**

Sept 8-11, 2005	The South Carolina Obstetrical and Gynecological Society and the South Carolina Section of the American College of Obstetricians and Gynecologists 59 th Annual Meeting. Charleston, SC.
1990, 1993, 1996, 1999, 2002, 2005	Azaleas, Dogwoods and Obstetrical Controversies Ob/Gyn Spring Symposium, Charleston, SC
1990-present	Thegos Society Annual Scientific Meeting
1996, 1997, 1998	The Art of Intrapartum Care. ACM American College of Obstetricians and Gynecologists
1991	Maternal-Fetal Medicine Postgraduate Course: ACOG District IV Meeting, Charleston, SC
1995	Symposia Medicus Perinatal Update, San Juan, Puerto Rico
1999	7 th National Conference on Issues in Women's Health Care: Menopause, High Risk Obstetrics, Infectious Disease, and Incontinence, Aruba.
2005	Society for Maternal-Fetal Medicine Annual Meeting. Reno, Nevada
2006	ACOG Freestanding Postgraduate Course: The Art of Clinical Obstetrics. Kohala Coast, Hawaii.

2007

ACOG Freestanding Postgraduate Course: The Art of
Clinical Obstetrics, San Antonio, TX.

INVITED LECTURES/PRESENTATIONS (Since 2000)

1. Intrapartum Management of Multiples; Autoimmune Disease in Pregnancy; Gestational Diabetes: Disease or Dogma; Prediction of Prematurity. 14th Annual Conference on Controversies and Clinical Issues in High Risk Obstetrics. Symposia Medicus. San Antonio, Texas. September 2000.
2. The Challenges of Multiple Birth. Autumn in New York 2000: Confronting Preterm Birth in the 21st Century from Molecular Intervention to Community Action. Sponsored by University Hospital for the Albert Einstein College of Medicine in conjunction with March of Dimes Birth Defects Foundation and the National Institute of Child Health and Human Development and the New York Academy of Medicine. November 2000.
3. The Importance of Early Maternal Weight Gain on Multifetal Pregnancy Outcome. Perinatal/Neonatal Nutrition Conference, Charleston, South Carolina. March 2000.
4. Antepartum Management of Multiple Gestations. Grand Rounds, Wayne State University Hutzel Hospital, Detroit, Michigan. April 2000.
5. Prematurity Prediction: Cervical Sonography and Fetal Fibronectin. 6th Annual Neonatal Symposium: Advances and Controversies. Vanderbilt University School of Medicine, Charleston, South Carolina. September 2000.
6. Diabetes in Pregnancy. 6th Annual Diabetes Fall Symposium for Primary Health Care Professionals, North Charleston, South Carolina. September 2000.
7. Gestational Diabetes. 9th Annual Diabetes Conference: Diabetes 2000. St. Vincent's Mercy Medical Center, Toledo, Ohio. October 2000.
8. Gestational Diabetes: Disease or Dogma? Grand Rounds, Medical College of Ohio, Toledo. October 2000.
9. 18th Annual W. Newton Long Lecturer and Visiting Professor. Department of Gynecology and Obstetrics, Emory University School of Medicine. "Prevention and Prediction of Prematurity in Multiple Gestations". April 2001.
10. 19th Annual Dr. John C. Weed Obstetrics and Gynecology Resident Research Seminar. Alton Ochsner Medical Foundation, New Orleans, LA. "Prevention of Preterm Birth in Multiple Gestations". April 2001.
11. "Prematurity prediction; maximizing outpatient management of preterm labor; and prevention of preterm birth in multiples". American College of Obstetrician/Gynecologists 060 course: The prediction of preterm labor and prevention of preterm birth ACOG Annual Clinical Meeting. Chicago, IL. April 2001.

Newman RB, 12/5/2008 (CV)

12. "Prediction and prevention of preterm birth in multiple gestations and evidenced based analysis". Southeastern OB/Gyn Society Annual Conference. Kiawah Island, South Carolina. May 2001.
13. "Antepartum management of the multiple gestation. Grand Rounds, Greenville Hospital System. Greenville, South Carolina. Oct 2001.
14. "Management of Preterm Labor Old & New". Antepartum and Intrapartum Management: 2002, San Francisco, California. June 2002.
15. "Management of Late Decelerations". Antepartum and Intrapartum Management: 2002, San Francisco, California. June 2002.
16. "Fetal Heart Rate Monitoring: Management Dilemmas". Antepartum and Intrapartum Management: 2002, San Francisco, California. June 2002.
17. Cystic Fibrosis Screening in the Generalist's Office. 56th Annual Meeting of the South Carolina Obstetrical and Gynecological Society, Charleston, South Carolina. September 2002.
18. "Intrapartum management of the multiple gestation," alternative treatments for hyperemesis gravidonams"; trauma in pregnancy". Ninth Annual Florida Winter Perinatal Symposia: Challenges in taking care of the high risk pregnancy. Symposium Medicus. Sarasota Bay, Florida. Nov 2002.
19. "Can we predict which patients will deliver preterm?" Prevention of preterm birth in multiples", "antenatal corticosteroids: current recommendations". ACOG 060 post graduate course: prediction of preterm labor and prevention of preterm birth. American College of Obstetricians and Gynecologists annual clinical meeting. Los Angeles, California. May 2002.
20. "Prediction and prevention of preterm birth in multiple gestations". Grand Rounds Mountain Area Health, Ashville, North Carolina. July 2002.
21. "Successful antepartum management of multiple gestations". Grand Rounds St. Joseph's Regional Medical Center. Patterson, New Jersey. Feb 2002.
22. "Management of Multiples", Coastal Area Health Education Center, Perinatal Conference, Wilmington, North Carolina. November 12, 2003.
23. "Maternal weight gain and multi fetal pregnancy outcome". Grand Rounds University of Pittsburgh Magee Women's Hospital. April 2003.
24. "Can we predict which patients will deliver preterm?" "Prevention of preterm birth in multiples", "Antenatal corticosteroids: current recommendations". American College of Obstetricians and Gynecologists Louisiana Section Meeting. New Orleans, Louisiana. March 2003.

25. "Prevention of preterm birth in multiples". Grand Rounds Presbyterian Hospital, Charlotte, North Carolina. May 2003.
26. "Management of multiples – the costs and risks for mothers and children". New Jersey Obstetrical and Gynecological Society Annual Meeting. Atlantic City, New Jersey. June 2003.
27. "Trauma Management in the Pregnant Woman". Annual postgraduate course in surgery, Medical University of South Carolina, Department of Surgery, Charleston, South Carolina. April 29, 2004.
28. "Management of Shoulder Dystocia – Pearls, Perils, and Pitfalls". Trident Health System Continuing Medical Education Program, N. Charleston, South Carolina. May 19, 2004.
29. "Association of Maternal Pre-Pregnant BMI and Weight Gain with Low Birth Weight in South Carolina: Implications for Intervention". South Carolina Perinatal Association Annual Meeting, Myrtle Beach, South Carolina. September 19, 2004.
30. "The management of multiples". Grand Rounds St. Peters University Hospital, New Brunswick, New Jersey. March 2004.
31. "The enigma of HUAM". Grand Rounds St. Joseph's Regional Medical Center. Patterson, NJ and Grand Rounds New York Hospital, Cornell Medical Center, New York, NY. March 2004.
32. "Hemodynamics of severe preeclampsia: implications for management", "Intrapartum management of the multiple gestation". Tenth Annual Perinatal Conference Northside Hospital, Atlanta, Georgia. Oct 2004.
33. "Predicting and preventing preterm birth", "multiple gestations: antepartum and intrapartum management", "Sex in pregnancy, a metaanalysis of risk versus benefit". 11th Annual Florida Winter Perinatal Symposium. Marco Island, Florida. Nov 2004.
34. "Clinical strategies for the management of preterm labor and prevention of preterm birth". Grand Rounds Bellevue Hospital. Dec 2004.
35. "Management of complications of severe preeclampsia", "Antepartum management of multiple gestations". American College of Obstetricians and Gynecologists. Alabama Section Meeting. San Destin, Florida. May 2005.
36. "Gestational diabetes: disease or dogma? Hemodynamics of severe preeclampsia: implications for management". Grand Rounds Carolinas Medical Center, Resident Research Day. Charlotte, North Carolina. May 2005.
37. "The Enigma of HUAM: Blinded by the Light", Annual Meeting of American Gynecological Club. Charleston, SC. October 2005.
38. "HUAM: Have we Overlooked the Evidence." Matria National Conference. Jacksonville, FL.

Feb 2006.

39. "Home Uterine Activity Monitoring Revisited." Master's Series Luncheon Roundtables. SMFM Annual Meeting, Miami, FL. Feb 2006.
40. "Prematurity Prevention: Update from the Society for Maternal-Fetal Medicine." OB/GYN Grand Rounds, Mount Sinai School of Medicine. New York, NY. Feb 2006.
41. "Management of Severe Preeclampsia." OB/GYN Grand Rounds Bellevue Hospital/NYU Medical Center, New York, NY. Feb 2006.
42. "Managing Multiples: A Best Practice Model." OB/GYN Grand Rounds. University of Texas-Baylor. Houston, TX. April 2006.
43. "Management of Fetal Growth Problems in Multiple Gestations, Nutritional Recommendations and their Impact on Outcome in Multiples, and Fetal Surveillance and Timing of Delivery in Multiples." ACOG Annual Clinical Meeting Postgraduate course. Washington DC. May 2006.
44. "Best Practices and Preterm Labor" MOD Preterm Birth Leadership Conference, Columbia, SC. November 2006.
45. "Managing Multiples: A Best Practice Approach." LSU-Shreveport Ob/GYN Grand Rounds, Shreveport, LA. October 2006.
46. "Best Practices: An Approach to Women at Risk for Recurrent Preterm Birth." Grand Rounds Department of OB/GYN at UMDNJ – Robert Wood Johnson Medical School, New Brunswick, NR. February 2007.
47. "Best Practices: An Approach to Women at Risk of Recurrent PTB." NC Obstetrical and Gynecological Society Annual Meeting. Grove Park Inn, Asheville, NC. April 2007.
48. "What's New with the Society for Maternal-Fetal Medicine" and "Late Breaking News from the SMFM." ACOG Annual Clinical Meeting, San Diego, CA. May 2007.
49. "Keynote Address." North Carolina Maternal-Fetal Medicine Think Tank. Greensboro, NC. May 2007.
50. "Role of Nutrition in the Care of Multiple Gestations" and "Prevention of Recurrent Preterm Birth." Case Western Reserve/Metro-Health Perinatal Conference. Cleveland, OH. October 2007.
51. "Speaking Fetal: Intrapartum Assessment," "Lessons Learned Managing the Multifetal Gestation," and "The Hemodynamics of Severe Preeclampsia: Implications for Management." 14th Annual Florida Winter Perinatal Symposia: Marco Island, FL. November 2007.

RESEARCH

Grants received

1. Principal Investigator (5% effort) \$20,000
1991-1993
"Prediction and prevention of preterm labor in twins"
Tokos Medical Corporation
2. Co-Investigator (1% effort) Multicentered Capitated
1992-1994
NIH ACTG Protocol 076 "A phase III randomized placebo-controlled trial to evaluate the efficacy, safety and tolerance of oral zidovudine (ADV) in pregnant HIV infected women and their infants"
NIH-NICHD
3. Co-Investigator (1% effort) Multicentered Capitated
1993-1995
NIH ACTG Protocol 185 "A phase III randomized double blind controlled study of hyperimmune anti-HIV intravenous immunoglobulin for the prevention of maternal-fetal HIV transmission in HIV-infected pregnant women and newborn infants receiving Zidovudine"
NIH-NICHD
4. Principal Investigator (1% effort) \$5,000
1992-1993
"Establishment and implementation of computerized twin clinic database"
March of Dimes Program Grant
5. Co-Principal Investigator (10% effort) Base Budget \$185,000/year
1993-1996
Maternal-Fetal Medicine Unit Network grant
NIH-NICHD
6. Co-Investigator (1% effort) Multicentered No Budget
1992
National Pregnancy and Health Survey
National Institute on Drug Abuse
7. Co-Investigator (5% effort) Multicentered Capitated
1995-1996
Antocin 096 "A double blind, placebo-controlled safety and efficacy study of Antocin for the prolongation of pregnancy"
R.W. Johnson Pharmaceutical Research Institute
8. Co-Investigator (5% effort) Multicentered Capitated
1995-1996
Antocin 098 "A double blind, placebo-controlled safety and efficacy study of Antocin: Maintenance therapy in preterm labor"
R.W. Johnson Pharmaceutical Research Institute

9. Principal Investigator (5% effort) \$10,000
1995-1998
General Clinical Research Center Grant – “The hemodynamic effects of plasma volume expansion in mild preeclampsia”
NIH-GCRC
10. Principal Investigator (5% effort) \$35,000
1998-2000
Protocol E-4018CL14 “Post-episiotomy pain study”
Laboratories Dr. ESTEVE, S.A.
11. Principal Investigator (5% effort) \$30,000
2002-2004
“Integrating systems for the identification and care of women with postpartum mood disorders: A community approach”
ACOG District IV Research Grant
12. Principal Investigator (5% effort) \$26,705
2001-2002
“Prospective randomized double blind, multicenter comparative trial to evaluate the efficacy and safety of ciprofloxacin once daily extended release 500 mg tablets qd for 3 days versus conventional ciprofloxacin 250 mg tablets b.i.d. for 3 days in the treatment of uncomplicated urinary tract infections”
Ingenix
13. Principal Investigator (5% effort) \$15,000
2003-2004
“Performance implications of prolonged work hours in an obstetrics and gynecology training program”
Warren H. Pearse/Wyeth Pharmaceuticals Women’s Health Policy Research Award
14. Principal Investigator (1% effort) \$3,000
2003-2004
“A celebration of multiple birth”
March of Dimes Community Grant
15. Principal Investigator (5% effort) \$47,500
2005-2006
The Preterm Birth Prevention Project
March of Dimes Chapter Grant
16. Principal Investigator (5% effort) \$43,900
2006-2007
The Preterm Birth Prevention Project (Reapplication)
March of Dimes Chapter Grant
17. Principal Investigator SCDHHS (20% effort) \$480,597
2005-2006
South Carolina Partners for Preterm Birth Prevention

GAR 09-05 Prevention Partnership Grant
South Carolina Dept. of Health and Human Services

18. Co-Investigator NIH-NSD1RO1 NS052448-01A1 \$1,897,036.
2006-2010 (5% effort) (Co-Investigator)
Safety of N-acetylcysteine (NAC) in Maternal Chorioamnionitis.
PAR-03-174 Pilot Studies for Clinical Trials in Neurological Disorders.
19. Principal Investigator SCDHHS (20% effort) \$475,000
2006-2007
South Carolina Partners for Preterm Birth Prevention
GAR 06-07 Prevention Partnership Grant
South Carolina Dept of Health and Human Services
20. Principal Investigator SCDHHS (5% effort) \$63,000
2006-2007
Wilmot J. Fraser Project: A Multidisciplinary After School Obesity Prevention Program for
Socio-economically Underprivileged Charleston Elementary School Children
GAR-06-07 Prevention Partnership Grant
South Carolina Dept of Health and Human Services
21. Principal Investigator SCDHHS (10% effort) \$234,000
2008-2009
OPTIONS: Obesity Prevention Teams in our Neighborhood Schools
South Carolina Dept of Health and Human Services
22. Principal Investigator (30% effort)
NIH-NICHD-DESPR-08-24
The National Standard for Normal Fetal Growth
Submitted/Pending Review \$1,870,149

Study section memberships

NIH-NICHD: Perinatal Emphasis Research Center Grant
NIH-NICHD: Special Emphasis Panel Review ZHD1 DSR-T (02) (R)
November 9-10, 2004.
NIH-NICHD: Genomic and Proteomic Network for the study of preterm birth.
NIH-NICHD: Mentored Specialized Clinical Investigator Development 05 ZHD-1-DSR-A
Special Emphasis Panel/Scientific Review Group March 2007.

Extramural grant reviewing

NIH-NICHD: Benefits of antenatal administration of magnesium sulfate (Beam Study)
Nimodipine use for severe preeclampsia (RO1)