



Director, Maternal-Fetal Medicine (MFM)  
Fellowship  
Madigan Army Medical Center, Tacoma, Washington  
1 November 1997 – 1 July 2002

Acting Chief Clinical Study Service, Department of  
Clinical Investigation  
Madigan Army Medical Center, Tacoma, Washington  
13 September 1999 – 1 July 2002

Director, Perinatal Assessment Unit  
Madigan Army Medical Center, Tacoma, Washington  
1995 – 1 April 2002

Adjunct Associate Professor of Obstetrics and Gynecology  
Uniformed Services University of Health Sciences  
F. Edward Hebert School of Medicine, Washington, D.C.  
1999 - present

Clinical Assistant Professor Obstetrics/Gynecology  
University of Washington  
Seattle, Washington  
1996 –August 2002

Clinical Instructor Obstetrics/Gynecology  
University of Mississippi, Jackson, Mississippi  
1989-2000

Assistant Chief, Obstetrical Services  
Madigan Army Medical Center, Tacoma, Washington  
1995 -1999

Associate Professor of Clinical Obstetrics and Gynecology  
Uniformed Services University of Health Sciences  
F. Edward Hebert School of Medicine, Washington, DC.  
1993 -1999

Chief, Maternal-Fetal Medicine Services  
Madigan Army Medical Center, Tacoma, Washington  
1 November 1997 - 1 September 1998

Associate Clinical Professor Obstetrics/Gynecology  
University of South Alabama, Mobile, Alabama  
1989 - 1995

Vice-Chairman,  
Department of Obstetrics and Gynecology

Keesler Medical Center (USAF) , Biloxi, Mississippi  
1990-1995

Director, Division of Obstetrics  
Department of Obstetrics and Gynecology  
Keesler Medical Center (USAF), Biloxi, Mississippi  
1989 - 1995

Director, Maternal-Fetal Medicine Services  
Department of Obstetrics and Gynecology  
Keesler Medical Center (USAF), Biloxi, Mississippi  
1989 - 1995

Assistant Program Director  
Department of Obstetrics and Gynecology  
Keesler Medical Center (USAF), Biloxi, Mississippi  
1991 - 1995

Education

MBA (General) at Regis University  
Denver, Colorado  
Completed March, 2004

M.D. at University of Iowa Medical School  
Iowa City, Iowa  
1979 - 1983

BS in Biosciences at United States Air Force Academy  
Colorado Springs, CO  
1975 -1979

Training

Fellow Maternal-Fetal Medicine  
Oregon Health Sciences University  
Portland, Oregon  
1987 – 1989

Obstetrics and Gynecology Residency  
University of Missouri-Columbia  
Columbia, Mo  
1983 - 1987

Certification

American Board of Obstetrics and Gynecology  
(12/1990) (Recertified 2011)  
American Board of Obstetrics and Gynecology in  
Maternal-Fetal Medicine (12/1991) (Recertified  
2011)

Licensure(all active)

IA-1984(FLEX)-24315

OR-1987-15067

CALHOUN

AL-1990-15556  
MS-1989-12283  
WA-1990-27893  
CO-1998-36750  
WV-2006-22187  
MO-1984-R2EO4  
PA-1992-047371  
GA-1997-43341  
IL-2002-036-106082

Professional Honors

Magna Cum Laude United States Air Force Academy - 1979  
Health Professions Scholarship Program - United States Air Force Scholarship - 1979 - 1983  
Consultant-Maternal/Fetal Medicine  
Air Force Surgeon General - 1991-10/2002  
Chief Consultant in Maternal/Fetal Medicine to Air Force Surgeon General - 4/1995-10/2002  
Vice-President American Association of Pro-Life Obstetricians and Gynecologists - 1996-2000  
President American Association of Pro-Life Obstetricians and Gynecologists- 2000-2006  
National Faculty Award for Excellence in Resident Education- Council on Resident Education in Obstetrics & Gynecology- 1998  
Professor of Year - American College of Obstetricians and Gynecologists of the Armed Forces District - 1999  
Major General Joyce Kenyon Award for Outstanding Clinical Research by a Faculty Member-Madigan Army Medical Center-6/2002  
Air Force Individual Mobility Augmentee (IMA) Medical Corps Physician of the year for 2004  
2004 Faculty Recognition Award for the Department of Obstetrics & Gynecology-University of Illinois-Rockford, Rockford, Illinois  
2009 Inaugural Member of Academy of Excellence in Teaching & Learning-West Virginia University School of Medicine  
2011 *Linacre Award* for the best article (Perinatal Hospice) in 2010 in the *The Linacre Quarterly*  
“Performance Improvement the Lean Six Sigma Way”-2011 Quality award winner for all of Charleston Area Medical Center in Patient-Centered Care with Women’s Medicine Center Ambulatory Services Reduction of Drug Abuse in the Obstetrical Population. October, 2011

Military Honors

Airborne Wings - 1978  
Marksmanship ribbon - 1978  
Squadron Officer's School by correspondence - 1982  
Flight Surgeon Wings - 1983  
Air Command & Staff College by seminar - 1990  
National Defense Ribbon - 1991  
Air Force Outstanding Unit Citations 1991, 1993, 1996, 1999

Air Force Longevity Medal - 1993  
Navy Achievement Medal - 1994  
Humanitarian Medal-"Sea Signal"(Cuba) - 8/1995  
Joint Service Outstanding Unit-"Sea Signal" - 8/1995  
Air Force Meritorious Service Medals - 9/1995, 7/1999,  
7/2/2009  
Air Force Achievement Medal-"Sea Signal"(Cuba) - 7/1996  
Air War College by Correspondence - 10/1996  
Army Commendation Medal - 7/1997, 5/2002, 6/2002  
Army Achievement Medal - 10/1997  
Army Meritorious Service Medal-5/2000  
Air Force Recognition Ribbon-11/2004  
Global Terrorism Medal-11/2005

Affiliations

Fellow of American College of Obstetricians and  
Gynecologists (9/1991)  
Fellow of American College of Surgery (10/1993)  
American Colposcopic Society-member  
Air Force Society Clinical Surgeons - member  
Association of Military Perinatologists of United States  
(Military Maternal-Fetal Society) - member  
Association of Professors of Gynecology and  
Obstetrics (OB/GYN professors organization) -  
member  
American Institute of Ultrasound in Medicine (National  
Ultrasound Organization) - senior member  
Society of Maternal-Fetal Medicine – member  
Society of Gynecologic Investigation-member

Journal Reviewer

American Journal of Obstetrics and Gynecology  
British Journal of Obstetrics and Gynaecology  
Obstetrics and Gynecology  
Military Medicine  
American Journal of Kidney Diseases  
The American Journal of Managed Care  
The Journal of Maternal-Fetal Medicine  
Gynecologic and Obstetric Investigation  
Fetal Diagnosis and Therapy  
Journal of Reproductive Medicine  
Health Policy

Medical Center Committees

Ethics - Madigan (1996-2002)  
Quality Awards - Madigan (1996-2000)  
Chairman, Quality Awards- Madigan (2000-01)  
Graduate Medical Education - Madigan (1997-2001)  
Library - Madigan (1995-1999)  
Chairman Laboratory Utilization - Madigan (1998)  
Laboratory Utilization - Madigan (1995-1997)

Quality Executive - Madigan (1996-1997)  
Pharmacy and Therapeutics - Madigan (1995-1996)  
Drug Utilization - Madigan (1995-1996)  
Ob/Gyn Departmental Quality Assurance Committee-Rockford Memorial Hospital -1 Dec 2002-31 December 2004  
Chair, Ob/Gyn Departmental Quality Assurance Committee-Rockford Memorial Hospital -1 May 2003-31 December 2004  
Bereavement Committee-Rockford Memorial Hospital -1 Oct 2002-31 December 2004  
Palliative Care Committee-Rockford Memorial Hospital-1 Oct 2002-31 December 2004  
Collaborative Practice Committee-Women's & Children's Hospital-Charleston Area Medical Center (CAMC)/West Virginia University (WVU)-May, 2006-1 Oct 09  
Promotion & Tenure Committee-WVU-June, 2006-1 Oct 09  
Compliance Committee-CAMC-January, 2007-present  
Scientific IRB-CAMC/WVU-September 2006-present  
Bereavement Committee-CAMC-January, 2009-present

Military Status

United States Air Force Reserve-COL

Community Service

President, Board of Directors, Appalachian Children's Chorus-1 Jan 2009-present  
Board of Directors, Edgewood Country Club, Charleston, WV 1 Feb 11-present

**Active Investigational Protocols:**

1. Phospholipase A2 producing bacteria, age at gestation, cervical length measurement and the incidence of preterm birth. (prospective pilot study. West Virginia University/Charleston Area Medical Center IRB Approved Protocol #08-11-2007.
2. Association of antiendometrial antibodies with missed abortions and ectopic. West Virginia University/Charleston Area Medical Center IRB Approved Protocol #08-10-2090.
3. Cervical length and premature birth. West Virginia University/Charleston Area Medical Center IRB Approved Protocol #08-12-2113.
4. Substance abuse in pregnancy: Role of universal urine drug screening and integrated addiction therapy in West Virginia. . West Virginia University/Charleston Area Medical Center IRB Approved as an Exempt Protocol #1997097.

**Previous Investigational Protocols:**

1. Random urine protein/creatinine ratio for quantification of proteinuria in pregnancy: an outcomes based, cost consequence analysis. Madigan Army Medical Center IRB Approved Protocol #98-060.

2. Delayed maternal expulsive efforts: effects on instrumental delivery. Madigan Army Medical Center IRB Approved Protocol #99-023.
3. Extending the duration of active phase arrest: effects on cesarean delivery. Madigan Army Medical Center IRB Approved Protocol #99-024.
4. Comparison of elective labor induction and spontaneous vaginal delivery: a randomized, controlled clinical trial. Madigan Army Medical Center IRB Approved Protocol #99-035.
5. Use of transvaginal sonography in predicting preterm delivery in patients with preterm contractions. Madigan Army Medical Center IRB Approved Protocol #99-051.
6. Fetal macrosomia: outcomes analysis in military population. Madigan Army Medical Center IRB Approved Protocol #99-075.
7. The effects of shear stress on placental production of placental vascular endothelial growth factor (VEGF), placental growth factor (PLGF), and tumor necrosis factor (TNF-alpha) in the isolated dually perfused placental cotyledon. Madigan Army Medical Center IRB Approved Protocol #2000-024.
8. The effects of hypoxia and hypoxia with acidemia on placental production of vascular endothelial growth factor and placenta growth factor in the isolated dually perfused placental cotyledon. Madigan Army Medical Center IRB Approved Protocol #2000-029.
9. Immunohistochemical and molecular biotechnologic detection of the human adrenomedullin receptor. Madigan Army Medical Center IRB Approved Protocol #2000-043.
10. Fetal growth curves in a military population. Madigan Army Medical Center IRB Approved Protocol #2000-055.
11. Magnesium in preeclampsia: plasma (maternal-fetal) and placental levels of ionized magnesium (iMg). Madigan Army Medical Center IRB Approved Protocol #2000-091.
12. Hispanic ethnicity and the relationship of ultrasound criteria for attributable risk for aneuploidy. Madigan Army Medical Center IRB Approved Protocol #2000-094.
13. The effects of hypoxia and hypoxia with acidemia on placental production of adrenomedullin in the isolated dually perfused placental cotyledon. Madigan Army Medical Center IRB Approved Protocol #2000-096.
14. Maternal lipid metabolism and pregnancy outcome. Madigan Army Medical Center IRB Approved Protocol #2000-108.
15. Mentoring for the new millennium: enhanced scholarly activity, professional development, and personal satisfaction for future academics through the successful implementation of a mentor system. . Madigan Army Medical Center IRB Approved Protocol #2000-127.
16. US Navy female service member readiness: a leader's guide-implementation phase: utility validation survey. Madigan Army Medical Center IRB Approved Protocol #2000-128.

17. Comparative study of ultrasound detected fetal anomalies and maternal age in two healthcare systems (referral versus routine screening). Madigan Army Medical Center IRB Approved Protocol #2000-131.
18. Differential mRNA expression in the preeclamptic vs normal human placenta. Madigan Army Medical Center IRB Approved Protocol #2001-026.
19. Localization and quantification of apoptosis in human placental tissue. Madigan Army Medical Center IRB Approved Protocol #2001-028.
20. Effect of angiotnesin II on fetal placental perfusion pressures in preeclampsia ex vivo cotyledon. Madigan Army Medical Center IRB Approved Protocol #2001-030
21. Prenatal maternal serum analyte screening within the WRMC of the DoD MHS: microeconomic analysis of various models of screening or the additional burden of unintended cost shifts of a "cheaper" system. Madigan Army Medical Center IRB Approved Protocol #2001-031
22. Birth weight as a function of maternal duty status and participation in mandatory physical training program. Madigan Army Medical Center IRB Approved Protocol # 2001-032.
23. Return to fitness after implementation of formal Pregnant Soldier Wellness Program (PSWP) active duty (AD) obstetrical focus interdisciplinary clinic and discharge education. Madigan Army Medical Center IRB Approved Protocol #2001-034.
24. Effect of low-dose ASA and AT-II on fetal-placental perfusion pressure in the preeclamptic ex vivo cotyledon. Madigan Army Medical Center IRB Approved Protocol #2001-065.
25. The effects of pregnancy and delivery on pelvic organ support in nulliparous pregnant females. Madigan Army Medical Center IRB Approved Protocol #2001-096.
26. Mentoring for the new millennium: enhanced scholarly activity, professional development, and personal satisfaction for future academics through the successful implementation of a mentor system. Madigan Army Medical Center IRB Approved Protocol #2001-127.
27. Production of anti-adrenomedullin receptor monoclonal antibodies in *Mus musculus*. Madigan Army Medical Center IRB Approved Protocol #2001-130.
28. Comparative study of ultrasound detected fetal anomalies and maternal age in two healthcare systems (referral versus routine screening). Madigan Army Medical Center IRB Approved Protocol #2001-131.
29. Natural history of intra-uterine fetal demise (IUFD) in twin gestation. Madigan Army Medical Center IRB Approved Protocol #2002-001.
30. The effects of cyclooxygenase II inhibitor on prostacyclin and thromboxane A2 production by placental arteries form normal and preeclamptic patients. Madigan Army Medical Center IRB Approved Protocol #2002/022.
31. Smoking in pregnancy: analysis of a smoking cessation project in West Virginia. West Virginia University/Charleston Area Medical Center IRB Approved Protocol #07-10-1984.



32. Perceptions of weight gain during pregnancy in Appalachia. West Virginia University/Charleston Area Medical Center IRB Exempt Protocol #1997114.

33. Substance abuse in pregnancy: role of universal urine drug screening and integrated addiction therapy in West Virginia. West Virginia University/Charleston Area Medical Center IRB Exempt Protocol #1997097.

**Funded Investigational Protocols:**

1. The effects of low dose acetylsalicylic acid infusion on perfusion pressure in the dual perfused Isolated human placental cotyledon model. Madigan Army Medical Center IRB Approved Protocol #96-100. Air Force Clinical Investigations Protocol SGO #96-100 (\$4,390)

2. The effects of adrenomedullin and angiotensin II on fetoplacental vascular tone. Madigan Army Medical Center IRB Approved Protocol #97-035. Air Force Clinical Investigations Protocol SGO #97-110 (\$2,843).

3. Plasma levels of adrenomedullin, a hypotensive peptide in the fetoplacental circulation. Madigan Army Medical Center IRB Approved Protocol #97-044. Air Force Clinical Investigations Protocol SGO #97-111 (\$1,465).

4. The vasoactive effects of adrenomedullin on fetoplacental vasculature precontracted with endothelin-1 or the thromboxane mimetic. Madigan Army Medical Center IRB Approved Protocol #97-210. Air Force Clinical Investigations Protocol SGO #97-210 (\$2,308).

5. The effects of lipopolysaccharide and inflammatory stimulus on placental production of interleukin-6 in the isolated dually perfused placental cotyledon. Madigan Army Medical Center IRB Approved Protocol # 97-309. Air Force Clinical Investigations Protocol SGO #97-309 (\$3,618).

6. The expression of adrenomedullin and its receptor in the human placenta. Madigan Army Medical Center IRB Approved Protocol #98-068. Air Force Clinical Investigations Protocol SGO #98-0001E (\$4,285).

7. The effects of magnesium sulfate on placental production of interleukin-6 in the isolated dually perfused placental cotyledon. Madigan Army Medical Center IRB Approved Protocol #98-105. Air Force Clinical Investigations Protocol SGO #99-0001E (\$1,500).

8. The effects of shear stress on placental production of interleukin-6 in the isolated dually perfused placental cotyledon. Madigan Army Medical Center IRB Approved Protocol #99-064. Air Force Clinical Investigations Protocol SGO #990006E (\$2,000).

9. The effects of hypoxia and hypoxia with acidemia on placental production of interleukin-6 in the isolated dually perfused placental cotyledon. Madigan Army Medical Center IRB Approved Protocol #2000-013. . Air Force Clinical Investigations Protocol SGO #2000-0013E (\$2,800)

10. Myometrial gap junctions and their importance in obstetric patients with chorioamnionitis. Madigan Army Medical Center IRB Approved Protocol #2000-015. Air Force Clinical Investigations Protocol SGO #2000-0015H (\$3,800)
11. The effects of hypoxia and hypoxia with acidemia on placental production of vascular endothelial growth factor, placental growth factor, and tumor necrosis factor (TNF-alpha) in the isolated dually perfused placental cotyledon. Madigan Army Medical Center IRB Approved Protocol #2000-029. Air Force Clinical Investigations Protocol SGO #2000-0029H (\$5,720)
12. Magnesium in preeclampsia: plasma (maternal-fetal) and placental levels of ionized magnesium (iMg). Madigan Army Medical Center IRB Approved Protocol 2000-091. Air Force Clinical Investigations Protocol SGO #2000-0091H (\$400)
13. The effects of hypoxia and hypoxia with acidemia on placental production of adrenomedullin in the in the isolated dually perfused placental cotyledon. Madigan Army Medical Center IRB Approved Protocol #2000-96. Air Force Clinical Investigations Protocol SGO #2000-0096H (\$1,600)

#### SCIENTIFIC PUBLICATIONS (Peer Review Journal Articles numbered)

1. **Calhoun BC**, Hesser JW. Heparin-associated antibody with pregnancy: discussion of two cases. *Amer J Obstet Gynecol* 1987; 156:964-966.
2. **Calhoun BC**, Fuchs G. Condyloma accuminata(HPV) the patient profile. *The Colposcopist*; Vol XX, Number 1, Winter, 1988; 5-8.
3. Hegge FN, Franklin RW, Watson PW, **Calhoun BC**. An evaluation of the time of discovery of fetal malformations by indication-based system for ordering obstetric ultrasound. *Obstet Gynecol* 1989; 74:21-24.
4. Hegge FN, Franklin RW, Watson PT, **Calhoun BC**. Fetal malformations commonly detectable on obstetric ultrasound. *J Repro Med* 35:391-398, 1990.
5. **Calhoun BC**, Watson PT, Hegge FN. Ultrasound diagnosis of an obstructive cardiac rhabdomyoma with severe hydrops and hypoplastic lungs. *J Repro Med* 1991;36(4): 317-319.
6. **Calhoun BC**, Watson PT. The cost of maternal cocaine abuse: 1. perinatal cost. *Obstet Gynecol* 1991;78(5):731-34.
7. McCool RA, Bombard AT, Burrows D, **Calhoun BC**. Unexplained positive/elevated maternal serum alpha-fetoprotein associated with placenta increta: a case report. *J Repro Med* 1992;37(9): 826-28.
8. **Calhoun BC**. Medical complications in pregnancy. *Ob/Gyn Clin NA* 1992;19(4):733-744.
9. **Calhoun BC**, Watson PT. The effects of intravenous magnesium sulfate and oral terbutaline on the ductus arteriosus. *Infertility* 1993; 15(2): 155-165.

10. Tucker ED, **Calhoun BC**, Thorneycroft IA, Edwards MS. Diabetes insipidus and acute fatty liver. *J Repro Med* 1993; 38(10): 835-38.
11. **Calhoun BC**, Brehm W, Bombard, AT. Early genetic amniocentesis and its relationship to respiratory difficulties in paediatric patients: A report of findings in patients and matched controls 3-5 years post-procedure. *Prenatal Diagnosis* 1994;14: 209-212.
12. **Calhoun BC**, Brost B. Intrapartum and postpartum obstetric emergencies. *Ob/Gyn Clin NA*, June 1995; 22(2): 357-67.
13. **Calhoun BC**, Bombard AT, Roberts WE, Brehm W. Management of immune thrombocytopenia purpura (ITP) at a military medical center. *Mil Med* 1995; 160(12):620-624.
14. **Calhoun BC**, Edgeworth D, Brehm W. External cephalic version at a military hospital: Predictors of success. *Aus NZ J Ob Gyn*, 1995; 35(3):277-79.
15. Tucker ED, Hoff C, Peevy K, Brost BC, Holland SB, **Calhoun BC**. The effects of antenatal steroid use in premature rupture of membranes. *Aus NZ J Ob Gyn* 1995; 35(4)390-392.
16. Venus JT, **Calhoun BC**. Urinary incontinence procedures performed at a military teaching hospital. *Mil Med* 1995; 160 (12):612-14.
17. Brost BC, **Calhoun BC**, Van Dorsten JP. Compound presentation resulting from the forward roll technique of external external cephalic version: A possible mechanism. *Am J Obstet Gynecol* 1996; 174 (3): 884-885.
18. Brost BC, Newman RB, Fries M, **Calhoun BC**. The effects of hemodialysis on total intrauterine volume. *Ultrasound Obstet Gynecol* 1996; 8: 34-36.
19. Napolitano PG, Hoeldtke NJ, Moore KH, **Calhoun BC**, Christensen ED, Markenson GR, Hume RF. The fetoplacental pressor effects of low-dose acetylsalicylic acid and angiotensin II in the ex-vivo cotyledon model. *Am J Obstet Gynecol* 1997; 177: 1093-6.
20. Hoeldtke NJ, Napolitano PG, Moore K, **Calhoun BC**, Hume RF. Fetoplacental vascular tone during fetal circuit acidosis, and acidosis with hypoxia, in the ex vivo perfused human placental cotyledon. *Am J Obstet Gynecol* 1997; 177: 1088-92.
21. Wagner RK, **Calhoun BC**. Utilizing sonography in a general obstetric practice. *OB/GYN Clin NA* September 1998; 25(3): 451-63.
22. Hoeldtke NJ, Wagner RK, Moore KH, **Calhoun BC**, Hume RF. Adrenomedullin concentrations in umbilical cord plasma of uncomplicated term pregnancies. *Am J Obstet Gynecol* 1998; 179: 1071-74.
23. Hoeldtke NJ, Floyd D, Werschkul JD, **Calhoun BC**, Hume RF. Intracranial cavernous angioma initially presenting in pregnancy with new-onset seizures. *Am J Obstet & Gynecol*. 1998; 178:612-613.

24. Perez RP, Patience T, Pulous E, Brown G, McEwen A, Asato A, Hume R, **Calhoun BC**. Use of a focused teen prenatal clinic at a military teaching hospital: model for improved outcomes. *Aust NZ J Obstet Gynaecol* 1998; 38(1)1-4.
25. **Calhoun BC**, Gries D, Barfield W, Kovac C, Hume RF. Cost consequences of implementation of an early obstetrical discharge programme in a military teaching hospital. *Aus NZ J Obstet Gynaecol* 1999; 39(1)1-6.
26. Ward N, Bayer S, Ballard M, **Calhoun BC**. Impact prenatal care with reduced frequency of visits in a residency teaching program. *J Repro Med* 1999; 44: 849-852.
27. Ko CW, Beresford SAA, Alderman B, Jarvik GP, Schulte SJ, **Calhoun BC**, Tsuchida AM, Koepsell TD, Lee SP. Apolipoprotein E genotype and risk of gallbladder disease in pregnancy. *Hepatology* 2000; 31: 18-23.
28. **Calhoun BC**, Jennings B, Penniston J, Patience T, Pulos E, Hume R. Focused obstetrical clinic for active duty junior enlisted service women: model for improved outcomes. *Mil Med* 2000; 165 (1):45-48.
29. Russell CS, Griffin D, Hume RF, Wagner RK, Tomich D, **Calhoun BC**. Cost consequence of elimination of the routine Group B streptococcus culture at a teaching hospital. *J of Matern-Fetal Med* 2000; 9:126-130.
30. **Calhoun BC**, Hume RF, Walters JL. Shoulder dystocia as a risk for obstetrical liability. *Armed Forces Institute of Pathology: Legal Medicine* 2000; 12-15.
31. Pierce PT, Pierce LM, Wagner RK, Apodaca CC, Hume RF, Nielsen PE, **Calhoun BC**. Hypoperfusion causes increased interleukin-6 and tumor necrosis factor-alpha production in the isolated dually perfused placental cotyledon. *Am J Obstet & Gynecol* 2000;183:863-67.
32. Brandsma C, **Calhoun BC**, Vannatta JE. Uncomplicated pregnancy: clinical pathway genesis based on the nursing process. *Mil Med* 2000; 165 (11):839-43.
33. Apodaca CC, Moore KH, Rossignol TM, Pierce PT, Matej LA, Hume RF, **Calhoun BC**. Localization of adrenomedullin and adrenomedullin receptor mRNA in the human placenta in normal and pregnancies complicated by oligohydramnios. *Am J Obstet Gynecol* 2000;183:1213-19.
34. Hoeldtke NJ, Wagner RK, **Calhoun BC**, Hume RF. Vasodilatory response of fetoplacental vasculature to adrenomedullin after constriction with the thromboxane sympathomimetic U46619. *Am J Obstet Gynecol* 2000;183:1573-8.
35. **Calhoun BC**, Hume RF. Integrated obstetrical ultrasound curriculum for obstetrics and gynecology residency, radiology residency, and maternal-fetal medicine fellowship program at an accredited American Institute of Ultrasound in Medicine diagnostic ultrasound center. *Ultrasound Obstet Gynecol* 2000;16:68-71.
36. Wagner R, Hinson R, Apodaca C, Hoeldtke N, Moore K, Hume R, **Calhoun BC**. The effects of lipopolysaccharide, an inflammatory stimulus, on fetoplacental vascular tone and production of interleukin-6 in isolated placental cotyledons. *J. Matern-Fetal Med* 2000;9:351-355.

37. Terry M, **Calhoun BC**, Walker W, Apodaca CC, Martin L, Pierce B, Hume RF, Evans MI. Aneuploidy and isolated mild ventriculomegaly. *Fetal Diagn Ther* 2000;15:331-334.
38. Miller RI, Stephan MJ, Hume RF, Walker WO, Kelly P, **Calhoun BC**, Hayden JE, Martin LS. Extreme elevation of maternal serum alpha-fetoprotein associated with mosaic trisomy 8 in a liveborn. *Fetal Diagn Ther* 2001;16:120-122.
39. Pierce BT, Dance VD, Wagner RK, Apodaca CC, Nielsen PE, **Calhoun BC**. Perinatal outcome following fetal single umbilical artery diagnosis. *J Matern-Fetal Med* 2001;10:59-63.
40. Pierce BT, Hancock E, Kovac C, Napolitano P, Hume RF, **Calhoun BC**. Influence of gestational age and maternal height on fetal femur length calculations. *Obstet Gynecol* 2001;97:742-746.
41. Hoeldtke NJ, **Calhoun BC**. Perinatal hospice. *Am J Obstet Gynecol* 2001;185:525-29.
42. Pierce BT, Napolitano P, Pierce L, Apodaca CC, Hume RF, **Calhoun BC**. The effects of hypoxia and hyperoxia on fetal-placental vascular tone and inflammatory cytokine production. *Am J of Obstet Gynecol* 2001;185:1068-72.
43. Russell C S, Lang C, McCambridge M, **Calhoun BC**. Neuroleptic malignant syndrome in pregnancy. *Obstet Gynecol* 2001;98:906-908.
44. Russell CS, **Calhoun BC**. Management of ectopic pregnancy at a military medical center. *Mil Med* 2002; 167 (2):129-131.
45. **Calhoun BC**, Hume RF. Out-sourcing medical care: what clinicians choose does matter. *J Applied Research* 2002;2(1):63-68.
46. Pierce BT, **Calhoun BC**, Adolphson KR, Lau AF, Pierce LM. Connexin 43 expression in normal versus dysfunctional labor. *Am J Obstet Gynecol* 2002;186:504-511.
47. Kovac CM, Brown JA, Apodaca CC, Napolitano PG, Pierce BT, Patience T, Hume RF, **Calhoun BC**. Maternal ethnicity and variation of fetal femur length calculations when screening for Down Syndrome. *J Ultrasound Med* 2002;21:719-722.
48. Pierce BT, Napolitano PG, Pierce LM, Kovac CM, Hume RF, **Calhoun BC**. The effect of fetal acidemia on fetal-placental vascular tone and production of the inflammatory cytokines interleukin-6 and tumor necrosis factor-alpha. *Am J Obstet Gynecol* 2002;187:894-897.
49. O'Boyle A, Davis G, **Calhoun BC**. Informed consent and birth: protecting the pelvic floor and ourselves. *Am J Obstet Gynecol* 2002;187:981-983.
50. **Calhoun BC**, Evans MI, Krivchenia EL, Waters T, Urban AJ, Morgan P, Hume RF, Wapner RJ. Multifetal pregnancies: evolution of methods of initiation and impact of REI certification for patients seeking reduction. *Fetal Diagn Ther* 2003;18:132-136.

51. O'Boyle AL, O'Boyle JD, Ricks RE, Patience TH, **Calhoun BC**, Davis G. The natural history of pelvic organ support in pregnancy. In *Urogynecol J* 2003;14: 46-49.
52. Pierce BT, Martin LS, Hume RF Jr, **Calhoun BC**, Muir-Padilla J, Salafia CM. Relationship between the extent of histologic villous mineralization and stillbirth in aneuploid and euploid fetuses. *J Society for Gyn Invest.* 2002;9(5):290-293.
53. **Calhoun BC**, Napolitano P, Terry MV, Bussey C, Hoeldtke NJ. Perinatal hospice: comprehensive care for the family of the fetus with a lethal condition. *J Repro Med* 2003;48:343-348.
54. Azarow KS, Olmstead FL, Hume RF, Myers J, **Calhoun BC**, Martin LS. Ethical use of tissue samples in genetic research. *Mil Med* 2003;168(6):437-441.
55. Howard BC, Kovac CM, **Calhoun BC**, Hoeldtke NJ, Napolitano PG. The effects of a cyclo-oxygenase II inhibitor on placental artery production of thromboxane and prostacyclin. *Am J Obstet Gynecol* 2003;189:835-838.
56. Kovac CM, Howard BC, Pierce BT, Hoeldtke NJ, **Calhoun BC**, Napolitano PG. Fetoplacental vascular tone is modified by magnesium sulfate in the preeclamptic ex vivo human placental cotyledon. *Am J Obstet Gynecol* 2003;189:839-842.
57. Kaufman HK, Hume RF, **Calhoun BC**, Carlson N, Yorke V, Elliott D, Evans MI. Natural history of twin gestation complicated by in utero fetal demise: associations of chorionicity, prematurity, and maternal morbidity. *Fetal Diagn Ther* 2003;18:442-446.
58. **Byron C. Calhoun, MD**. The Fetus as our Patient: The Confluence of Faith and Science in the Care of the Unborn. *Linacre Quarterly* 2005;72(3):189-211.
59. O'Boyle AL, O'Boyle JD, **Calhoun BC**, Davis GD. Pelvic organ support in pregnancy and postpartum. *Int Urogynecology J and Pelvic Floor Dysfunction* 2005;16(1):69-72.
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**PEER REVIEW MANUSCRIPTS IN PRESS (SUBMITTED/In Press)**

Preterm Birth Update: Proceedings from American Association Pro-Life Obstetricians and Gynecology Annual Meeting 2010. *The Linacre Quarterly*, February, 2012.

Care Delivery to Patients with Substance Abuse in Pregnancy: Provider Bias. **Byron C. Calhoun, MD**, Denise Burgess, RN, MA, LPC, NBCC, Tammi Lewis, LPC, CCAC, ALPS, Kelly Gilbert, RN, BSN, CCEE, Dara Seybold, MAA. (Submitted)

**BOOK CHAPTERS**

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**ORAL ABSTRACT PRESENTATIONS (numbered)**

1. **Calhoun BC**, Fuchs G. Fatty liver of pregnancy yields to improved management. American College of Obstetricians and Gynecologists District VII Meeting Little Rock, Ark, October, 1986.

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28. Harkins GJ, Wagner RK, Apodaca CC, **Calhoun BC**. Chemotherapeutic agents in pregnancy: a case series. Abstract # 60. American College of Obstetricians and Gynecologists/37th Annual Meeting Armed Forces District. Kissimmee, FL, October, 1998.
29. Kovac C, **Calhoun BC**. Cost consequences of implementation of an early obstetrical discharge program in a military teaching hospital. 2nd Annual Madigan Research Day, Tacoma, WA, April, 1999.
30. Apodaca C, **Calhoun BC**. The expression of adrenomedullin and its receptor in the human placenta. 2nd Annual Madigan Research Day, Tacoma, WA, April, 1999.
31. Burney R, Frayer C, Apodaca CC, Pierce BT, Nielsen P, **Calhoun BC**. A case report of a bifurcated umbilical cord and implications for antenatal management. Abstract #11. American College of Obstetricians and Gynecologists/38th Annual Meeting Armed Forces District. San Antonio, TX, October, 1999.
32. **Calhoun BC**, Hume RF. Integrated DoD Obstetrical Ultrasound Curriculum at an accredited American Institute of Ultrasound in Medicine Diagnostic Center. Abstract #12. American College of Obstetricians and Gynecologists/38th Annual Meeting Armed Forces District. San Antonio, TX, October, 1999.
33. Napolitano P, Hume RF, Moore KH, Kelly P, Hoeldtke N, Wagner R, Apodaca CC, Pierce B, Nielsen P, **Calhoun BC**. Expanding to meet the challenge of the new millennium: MFM program's enhanced scholarly activity through partnership with clinical investigation and graduate medical education. Abstract #68. American College of Obstetricians and Gynecologists/38th Annual Meeting Armed Forces District. San Antonio, TX, October, 1999.
34. Nielsen P, Vara T, Phillips D, Dotson CR, Apodaca CC, Flynn D, Lancaster A, Whittaker P, **Calhoun BC**, Hume RF. Female soldier readiness: leader's guide update 1999. Abstract #69. American College of Obstetricians and Gynecologists/38th Annual Meeting Armed Forces District. San Antonio, TX, October, 1999.
35. Pierce B, Dance V, Wagner R, Apodaca CC, Nielsen P, **Calhoun BC**. Fetal outcome following single umbilical artery diagnosis. Abstract #79. American College of Obstetricians and Gynecologists/38th Annual Meeting Armed Forces District. San Antonio, TX, October, 1999.

36. Terry M, **Calhoun BC**, Walker W, Apodaca CC, Martin, Pierce BT, Hume RF, Evans M. Anueploidy and ventriculomegaly: attributable risk for isolated fetal marker. Abstract #100. American College of Obstetricians and Gynecologists/38th Annual Meeting Armed Forces District. San Antonio, TX, October, 1999.
37. Wagner R, Hinson R, Apodaca CC, Hoeldtke N, Moore K, Hume RF, **Calhoun BC**. The effects of magnesium sulfate on fetoplacental vascular tone and production of interleukin-6 in isolated cotyledon. Abstract #105. American College of Obstetricians and Gynecologists/38th Annual Meeting Armed Forces District. San Antonio, TX, October, 1999.
38. Winter K, Apodaca CC, Ullman D, Reeves L, Dotson CR, Dettori J, Phillips D, Flynn D, Barfield W, Whittaker P, **Calhoun BC**, Hume RF. A comparison of outcomes for ovarian tumors of low malignant potential based on staging technique. Abstract #115. American College of Obstetricians and Gynecologists/38th Annual Meeting Armed Forces District. San Antonio, TX, October, 1999.
39. Pierce BT, **Calhoun BC**. Fetal hypoperfusion causes increased interleukin-6 production in the isolated dually perfused placental cotyledon. 3rd Annual Madigan Research Day, Tacoma, WA, April, 2000.
40. Pierce BT, **Calhoun BC**, Lau A, Matej L, DeHart M, Pierce L. Connexin 43 mRNA and protein expression in normal and dysfunctional labor. Abstract #27. American College of Obstetricians and Gynecologists/39th Annual Meeting Armed Forces District. Cincinnati, OH, October, 2000.
41. Foglia L, Dance V, Hancock E, Nielsen PE, **Calhoun BC**, Pierce B. Intravascular adenosine administration via cordocentesis for treatment of fetal supraventricular tachycardia. Abstract #32. American College of Obstetricians and Gynecologists/39th Annual Meeting Armed Forces District. Cincinnati, OH, October, 2000.
42. Larsen W, Vara T, Ricks R, Hawley-Bowland C, Flynn D, Lancaster A, Nielsen P, Phillips D, Gunzenhauser J, Whittaker P, **Calhoun BC**, Hume RF. Female soldier readiness: leader's guide-utility validation survey. Abstract #50. American College of Obstetricians and Gynecologists/39th Annual Meeting Armed Forces District. Cincinnati, OH, October, 2000.
43. Vara T, Ricks R, Hawley-Bowland C, Larsen W, Flynn D, Lancaster A, Nielsen P, Phillips D, Gunzenhauser J, Whittaker P, **Calhoun BC**, Hume RF. Female soldier readiness: leader's guide update 2000. Abstract #51. American College of Obstetricians and Gynecologists/39th Annual Meeting Armed Forces District. Cincinnati, OH, October, 2000.
44. Foglia L, Misko C, Dunn JS, **Calhoun BC**, Brost B. Evaluation of clinical risk factors for delivering a macrosomic fetus. Abstract # 64. American College of Obstetricians and Gynecologists/39th Annual Meeting Armed Forces District. Cincinnati, OH, October, 2000.
45. Hume RF, Azarow KA, Olmstead F, Myers J, **Calhoun BC**, McClune D, Brosch L, Daniels J, Jones BA, Freund C, Martin LS. A regional military healthcare system response to expanding genetic research: ethical, legal, and social implications. Ethical, Legal, and Social Implications Research Program, National Human Genome Research Institute, National Institutes of Health. Bethesda, MD, January, 2001.



46. Elliott D, Hume RF, **Calhoun BC**. Madigan Army Medical Center, Tacoma, WA, and Evans MI, Hannemann, Philadelphia, PA. Natural history of intrauterine fetal demise (IUFD) in twin gestation. Abstract # 71. American College of Obstetricians and Gynecologists/40th Annual Meeting Armed Forces District. Portsmouth, VA, October, 2001.
47. Martin A, Lathrop A, Palmer D, D'Almeida M, Hume RF, Kaufman HK, **Calhoun BC**. Rockford Medical Center, Rockford, IL. Effects of environmental enrichment in a high risk antpartum inpatient setting. Abstract # 30. American College of Obstetricians and Gynecologists/42th Annual Meeting Armed Forces District. San Antonio, TX, October, 2003.
48. Lathrop A, D'Almeida M, Hume RF, Kaufman HK, Palmer D, **Calhoun BC**. Aquatherapy in a maternal-fetal medicine setting: Enhancement of environment, improved fitness, and decreased low mood. Abstract # 36. American College of Obstetricians and Gynecologists/42th Annual Meeting Armed Forces District. San Antonio, TX, October, 2003.
49. Njoku A, Hume RF, Lathrop A, D'Almeida M, Kaufman HK, Palmer D, **Calhoun BC**. Perinatal hospice: Interdisciplinary guide for HPSP students' training in ethical decision-making in patients with lethal fetal anomalies. Abstract # 38. American College of Obstetricians and Gynecologists/42th Annual Meeting Armed Forces District. San Antonio, TX, October, 2003.
50. Lathrop A, Carlson N, Preston L, Jacks S, Huber C, Fogel M, **Calhoun BC**, Hume RF. Sono-impedance factors of Foran (SIFF): A standardized tool to assess utility of fetal echocardiography and avoid non-diagnostic studies. Abstract # 72. American College of Obstetricians and Gynecologists/42th Annual Meeting Armed Forces District. San Antonio, TX, October, 2003.
51. Stanley C, Njoku A, Durkee T, Hume RF, **Calhoun BC**, Miller JD. Military unique curriculum needs of medical students in Illinois: adapting clerkship opportunities with support from a district chair. Abstract # 60. American College of Obstetricians and Gynecologists/42th Annual Meeting Armed Forces District. San Antonio, TX, October, 2003.
52. **Calhoun BC**, Siegel E, Litchfield J, Seybold D. Smoking cessation program in an obstetrical clinic. Annual West Virginia University-Charleston/Charleston Area Medical Center Resident Research Day. Charleston, WV, April, 2008.
53. Aliff, DP, Memom, H, **Calhoun BC**. Familial Mediterranean fever in pregnancy: A case report. Annual West Virginia University-Charleston Resident Research Day. Charleston, WV, April, 2008.
54. **Calhoun BC**, Parry A. Pregnancy in a patient with familial hypokalemic periodic paralysis (FHPP). Annual West Virginia University-Charleston/Charleston Area Medical Center Resident Research Day. Charleston, WV, April, 2009.
55. **Calhoun BC**, Duling L. Successful pregnancy in patient with arginase deficiency. Annual West Virginia University-Charleston/Charleston Area Medical Center Resident Research Day. Charleston, WV, April, 2009.
56. Parry A, **Calhoun BC**. Infant with congenital cystic adenomatoid malformations of the lung (CCAM). Annual West Virginia University-Charleston/Charleston Area Medical Center Resident Research Day. Charleston, WV, 2010.

57. Seybold DJ, **Calhoun BC**, Emmett M. Teaching Residents How to Do Research: Pathway to Professionalism. Association of Professors of Obstetrics and Gynecology/ Council on Resident Education in Obstetrics and Gynecology Annual Meeting. San Antonio, TX, March, 2011.
58. Cruz A, **Calhoun BC**. Phospholipase A2 Producing Bacteria and Preterm Labor. Annual West Virginia University-Charleston/Charleston Area Medical Center Resident Research Day. Charleston, WV, 19 April 2011.
59. Findley J, **Calhoun BC**. Utility of Transvaginal Cervical Length Ultrasound in Prevention of Spontaneous Preterm Delivery in Appalachian Women Annual. West Virginia University-Charleston/Charleston Area Medical Center Resident Research Day. Charleston, WV, 19 April 2011.

**POSTER ABSTRACT PRESENTATIONS (numbered)**

1. **Calhoun BC**, Watson PT. Doppler flow across the fetal ductus arteriosus in preterm labor. Society of Gynecologic Investigation, San Diego, CA, February, 1989.
2. McCool RA, Bombard AT, Locker BK, and **Calhoun BC**. The association of unexplained positive/ elevated MSAFP screening and placenta accreta: a case report. American College of Obstetricians and Gynecologists/29th Annual Armed Forces District, 1990 (cancelled).
3. Brennan MB, **Calhoun BC**, Bombard AT, and Roberts WE. Revised management of ITP in pregnancy. American College of Obstetricians and Gynecologists/29th Annual Armed Forces District, 1990 (cancelled).
4. Swan M, Jones JS, **Calhoun BC**. Intrapartum ultrasonographic estimated fetal Weight determinations by housestaff. American College of Obstetricians and Gynecologists/30th Annual Armed Forces District Meeting, Cincinnati, Ohio, #121, October, 1991.
5. **Calhoun BC**. External cephalic version with tocolysis in late pregnancy. American College of Obstetricians and Gynecologists/32nd Armed Forces District, Seattle, WA, #23, October, 1993.
6. Brost BC, **Calhoun BC**. Among normal parturients monographic measurement of fetal anatomy predicts the presence of phosphatidylglycerol. Society of Gynecologic Investigation, Chicago, IL, March, 1994.
7. Venus JT, **Calhoun BC**. Urinary incontinence procedures performed at a military hospital. American College of Obstetricians and Gynecologists/33rd Annual Armed Forces District, Reno, NV, November, 1994.
8. Macedonia C, **Calhoun BC**, Hume R, Littlefield R. The Army Medical Department experience in portable three-dimensional ultrasound systems. American College of Obstetricians and Gynecologists 44th Annual Meeting, Denver, CO, May, 1996. (Video Presentation-3rd Prize).

9. Apodaca CC, Buller JL, Hume RF, **Calhoun BC**, Johnson MP, Evans MI. Aneuploidy and choroid plexus cysts: attributable risk of an isolated fetal marker. 5<sup>th</sup> Annual Meeting of the American College of Medical Genetics, Los Angeles, CA, March, 1997.
  
10. Wagner RK, Pardo NA, Reddoch S, Seymour S, Palmer S, **Calhoun BC**, Hume RF. Fetal stem cell transplantation: the many implications for the primary obstetrical provider. American College of Obstetricians and Gynecologists/36th Annual Armed Forces District, New Orleans, LA, #162, October, 1997.
  
11. Hume RF, Martin LS, **Calhoun BC**, Miller RI, Bawle E, Johnson MP, Evans MI. Prenatal spectrum of mosaic trisomy 8: abnormalities of fetal sonography and maternal serum analytes. 5th Joint Clinical Genetics Meeting, American College of Medical Genetics, Los Angeles, CA, 27 February - 1 March, 1998.
  
12. Hawley-Bowland C, Hume RF, Cahill W, Willig S, Winter K, Ventura V, **Calhoun BC**. Obstetrical prepacks: quality improvement, enhanced efficiency and cost containment. First Annual Madigan Research Day, Tacoma, WA, May, 1998.
  
13. **Calhoun BC**, Hume RF. Integrated obstetrical ultrasound curriculum for obstetrics and gynecology residency, radiology residency, and maternal-fetal medicine fellowship programs. Council on Resident Education in Obstetrics and Gynecology/The Association of Professors of Gynecology and Obstetrics, San Diego, CA, February, 1999.
  
14. Hume RF, **Calhoun BC**, Moore K, Kelly P. Successful re-engineering the Madigan Army Medical Center maternal-fetal medicine fellowship program through partnership with clinical investigation and graduation medical education for enhanced scholarly activity. Council on Resident Education in Obstetrics and Gynecology/The Association of Professors of Gynecology and Obstetrics, San Diego, CA, February, 1999.
  
15. Hume RF, Martin LS, **Calhoun BC**, Stephan M, Nielsen P, Perez R. Integrated embryology curriculum for obstetrics and gynecology residency, urogynecology-pelvic surgery, and maternal-fetal medicine fellowship programs. Council on Resident Education in Obstetrics and Gynecology/The Association of Professors of Gynecology and Obstetrics, New Orleans, LA, March, 2000.
  
16. **Calhoun BC**, Hoeldtke NJ. The perinatal hospice: a logical extension of care in dying. The First Annual Clinical Conference and Exposition on Hospice and Palliative Care. Nashville, TN, February, 2000.
  
17. Pierce L, Pierce BT, Hume RF, Napolitano PG, **Calhoun BC**. Vascular endothelial growth factor and placental growth factor are not acutely produced by the placenta during fetal hypoxia or fetal hypoperfusion. . American College of Obstetricians and Gynecologists/39th Annual Meeting Armed Forces District. Cincinnati, OH, #6, October, 2000.
  
18. Hancock EG, Hume RF, Patience T, Pierce BT, Abadie JM, **Calhoun BC**. Longitudinal assessment of lipid profile values in heterogeneous population of pregnant women and the correlation with hypertensive disorders of pregnancy. American College of Obstetricians and Gynecologists/39th Annual Meeting Armed Forces District. Cincinnati, OH, #8, October, 2000.

19. Nielsen P, Chow G, Kelly P, **Calhoun BC**, Walker WO, Martin LS, Flynn D, Ricks RE, Perez R, Hume RF. Mentoring for the new millennium: enhanced scholarly activity, professional development, and personal satisfaction for future academics through the successful implementation of a mentor system. Association of Professors and Gynecology and Obstetrics Council on Resident Education in Obstetrics and Gynecology Annual Meeting. Orlando, FL, March, 2001.
  
20. **Calhoun BC**, Hoeldtke NJ. The perinatal hospice: a logical extension of care of dying. TRICARE 2001 Innovations Poster Exhibit. Office of the Assistant Secretary of Defense Health Affairs. TRICARE 2001 Innovations Poster Exhibit, Washington, D.C., January 22-25, 2001.
  
21. C. Kovac, Pierce B, Nielsen P, **Calhoun BC**. A case of fetal bladder obstruction with a failed vesico-amniotic shunt managed with serial amnioinfusion. American College of Obstetricians and Gynecologists/40th Annual Meeting Armed Forces District. Portsmouth, VA, #4, October, 2001.
  
22. Brown JA, Hancock E, Kovac C, Christine CC, **Calhoun BC**, Napolitano PG, Deal L. Prenatal and labor management in a patient with Osler-Rendu-Weber syndrome (hereditary hemorrhagic telangiectasias) and pulmonary AVMS (poster). American College of Obstetricians and Gynecologists/40th Annual Meeting Armed Forces District. Portsmouth, VA, #17, October, 2001.
  
23. Kovac CM, Brown JA, Apodaca CC, Napolitano PG, Pierce B, Patience T, Hume RF, **Calhoun BC**. Maternal Ethnicity and Variation of Fetal Femur Length Calculations When Screening for Down Syndrome. American College of Obstetricians and Gynecologists/40th Annual Meeting Armed Forces District. Portsmouth, VA, # 15, October, 2001.
  
24. Elliott DE, Patience T, Hume RF, **Calhoun BC**, Napolitano PG, Apodaca CC. Fetal growth curves in an ethnically diverse military population: the AIUM accredited platform experience. 10th Congress of the World Federation for Ultrasound in Medicine and Biology (WFUMB). Montreal, CANADA, #32178, 1-4 June, 2003.
  
25. Bartley J, **Calhoun BC**. Management of May-Thurner syndrome in pregnancy. Annual West Virginia University-Charleston/Charleston Area Medical Center Resident Research Day. Charleston, WV, 19 April 2011.
  
26. Parry A, **Calhoun BC**. Serum anti-endometrial antibodies and first trimester pregnancy loss. . Annual West Virginia University-Charleston/Charleston Area Medical Center Resident Research Day. Charleston, WV, 19 April 2011.

#### GUEST LECTURES & CME CONFERENCES

1991 Fetal Monitoring Course: Fetal Scalp and Cord pH Use. University of South Alabama annual update (8/1991), Mobile, AL.

1991 Fetal Macrosomia. American College of Obstetricians and Gynecologists 40th Annual Meeting (5/1991), New Orleans, LA (luncheon speaker).

1992 Preterm Labor Intervention and Hypertensive Disorders. University of South Alabama (4/1992), Mobile, AL.

1992 Cord/ Scalp pH evaluation. American College of Obstetricians and Gynecologists 41st Annual Meeting (4/1992, Las Vegas, NV (luncheon speaker).

1993 Electronic Fetal Monitoring. University of South Alabama annual update (3/1993), Mobile, AL.

1993 Office Vaginal Ultrasound and Impending Macrosomia. American College of Obstetricians and Gynecologists 42<sup>nd</sup> Annual Meeting (5/1993), Washington, DC. (luncheon speaker).

1993 Management of Immune Thrombocytopenia Purpura in Pregnancy. American College of Obstetricians and Gynecologists 42nd Annual Meeting (5/1993), Washington, D.C. (luncheon speaker).

1993 Stump the Professor Session. American College of Obstetricians and Gynecologists/32nd Annual Armed Forces District (10/1993), Seattle, WA.

1994 HUAM and Terbutaline Pump. American College of Obstetricians and Gynecologists 43rd Annual Meeting 5/1994), Orlando, FL (luncheon speaker).

1994 Triple Screen in Obstetrics. American College of Obstetricians and Gynecologists 43rd Annual Meeting (5/1994), Orlando, FL (luncheon speaker).

1994 Breast Cancer and Abortion, University of South Alabama annual update (5/1994), Mobile, AL

1994 Premature, Preterm Rupture of the Membranes and Asthma in Pregnancy. Invited speaker at Eglin AFB Family Practice/Obstetrics Conference (5/1994), Eglin, AFB, FL.

1995 Heparin Pump: Indications for Use. American College of Obstetricians and Gynecologists 44<sup>th</sup> Annual Meeting (5/1995), San Francisco, CA (luncheon speaker).

1995 Antiphospholipid Antibodies in Pregnancy. American College of Obstetricians and Gynecologists 43rd Annual Meeting (5/1995), San Francisco, CA. (luncheon speaker).

1996 Thrombocytopenia in Pregnancy. American College of Obstetricians and Gynecologists 45th Annual Meeting (5/1996), Denver, CO (luncheon speaker).

1996 Triple Marker Screening in Pregnancy. American College of Obstetricians and Gynecologists 45th Annual Meeting (5/1996), Denver, CO (luncheon speaker).

1997 Three Dimensional Ultrasound. American College of Obstetricians and Gynecologists 44th Annual Meeting (4/1997), Las Vegas, NV (luncheon speaker).

1997 Grand Rounds and Resident Research Day Invited Visiting Professor. Intrauterine Growth Restriction. University of South Alabama, Mobile, AL (4/1997).

1997 Invited Speaker at 11th Annual OB/GYN Update at University of Missouri-Columbia, Columbia, MO. Antiphospholipid Antibodies in Pregnancy (11/1997).

1998 Early Discharge for Routine Vaginal Delivery. American College of Obstetricians and Gynecologists 47th Annual Meeting (5/1998), New Orleans, LA (luncheon speaker).

1998 Analyte Screening in Pregnancy. American College of Obstetricians and Gynecologists 47th Annual Meeting (5/1998), New Orleans, LA (luncheon speaker).

1999 Invited Speaker at 1999 Annual Update in Obstetrics and Gynecology, Kansas City, MO (4/1999). Fearfully and Wonderfully Made (lethal anomalies diagnosed by ultrasound) and Perinatal Hospice.

1999 Factor V Leiden in OB/GYN. American College of Obstetricians and Gynecologists 48th Annual Meeting (5/1999), Philadelphia, PA (luncheon speaker).

1999 Multiple Analyte Screening. American College of Obstetricians and Gynecologists 48th Annual Meeting (5/1999), Philadelphia, PA. (luncheon speaker).

2000 DVT in OB/GYN: Where Are We Now? American College of Obstetricians and Gynecologists 49th Annual Meeting (5/00), San Francisco, CA (luncheon speaker).

2000 Ultrasound Evaluation of Female Pelvic Relaxation. American College of Obstetricians and Gynecologists 49th Annual Meeting (5/00), San Francisco, CA (luncheon speaker).

2000 Ultrasound and the Difficult Cases and Perinatal Hospice. Advanced Life Support for Unplanned Pregnancies. Choices Medical Meeting (8/00), Wichita, KS (invited speaker).

2000 VBAC: Short term gain vs Long Term Effect. American College of Obstetricians and Gynecologists/39th Annual Meeting Armed Forces District (10/00), Cincinnati, OH, (panel discussant).

2001 Perinatal Implications of Multiple Analyte Testing. American College of Obstetricians and Gynecologists 50<sup>th</sup> Annual Meeting (5/01), Chicago, IL (luncheon speaker).

2001 Primary Cesarean Section: An Idea Whose Time Has Come? American College of Obstetricians and Gynecologists 50<sup>th</sup> Annual Meeting (5/01), Chicago, IL (luncheon speaker).

2002 Keynote Address: Rockford Research Day. Perinatal Hospice. (4/02), Rockford, IL.

2002 Invited Speaker: National Right to Life Committee. Perinatal Hospice. (6/02), Pittsburg, PA.

2002 Invited Speaker: Catholic Medical Association 71st Annual Meeting. Perinatal Hospice. (10/02), Chicago, IL.

2003 Keynote Address: New Beginnings 10th Anniversary. Perinatal Hospice. (5/03), Cincinnati, OH.

2003 Invited Speaker: National Right to Life Committee. Induced Abortion and Preterm Birth Risk. (7/03), St Louis, MO.

2004 Invited Speaker: Preterm Labor-Risk Factors, Detection, and Surveillance (8/03), Evansville, IN.

2003 Invited Speaker: March of Dimes 15th Annual Perinatal Symposium. Preterm Labor-Risk Factors, Detection, and Sureveillance. (10/03), Rockford, IL.

2003 Invited Speaker: Focus on the Family Physician Conference for Medical Professionals. The New Genetics: How to Deal with the Impact of Prenatal Diagnosis. (11/03), Colorado Springs, CO.

2003 Invited Speaker: Hannah's Hour. Perinatal Hospice and The New Genetics: How to Deal with the Impact of Prenatal Diagnosis. (12/03), Evansville, IN.

2004 Invited Speaker: Perinatal Hospice. (2/04), Sioux City, IA.

2004 Invited Speaker: Preterm Labor and Abortion. American College of Obstetricians and Gynecologists 52nd Annual Meeting (5/04), Philadelphia, PA (Special Interest Group Speaker for American Association of Pro-Life Obstetricians and Gynecologists).

2004 Invited Speaker: Induced Abortion and Risk of Later Premature Births. National Institute of Family and Life Advocates (NIFLA) annual meeting (7/04), Atlanta, GA.

2004 Invited Speaker: Catholic Medical Association 73rd Annual Meeting. The Fetus as our Patient: The confluence of Faith and Science in the care of the Unborn. (9/04), Orlando, FL.

2005 Invited Speaker: Cost of Preterm Labor. American College of Obstetricians and Gynecologists 53rd Annual Meeting (5/05), San Francisco, CA (Special Interest Group Speaker for American Association of Pro-Life Obstetricians and Gynecologists).

2005 Invited Speaker: Ectopic Pregnancy and Public Health Costs of Abortion and Preterm Birth. National Institute of Family and Life Advocates (NIFLA) annual meeting (7/05), Atlanta, GA.

2005 Invited Speaker: Medical Impact of Abortion on Women. Focus on the Family Physicians Conference (11/05), Colorado Springs, CO.

2006 Invited Speaker: Induced Abortion and Subsequent Preterm Delivery: Whisper of Association or Cry of Causation?. Annual Matthew Bulfin Mid-winter meeting of American Association of Pro-Life Obstetricians and Gynecologists, (1/06), Ft Lauderdale, FL.

2006 Invited Speaker: Induced Abortion and Subsequent Preterm Delivery: Whisper of Association or Cry of Causation? American College of Obstetricians and Gynecologists 54th Annual Meeting (5/06), Washington, DC (Special Interest Group Speaker for American Association of Pro-Life Obstetricians and Gynecologists).

2006 Invited Speaker: Anomalies in 1st and 2nd Trimester Scans & Ectopic Pregnancy. National Institute of Family and Life Advocates (NIFLA) annual meeting (7/06), Colorado Springs, CO.

2007 Invited Speaker: Beyond Contraceptive Mentality: 4th World Congress of Families (5/07), Warsaw, Poland.

2007 Invited Speaker: Abortion and Subsequent Preterm Birth: getting to the truth? British Parliament-Pro-life Members of Parliament (5/07), London, England.

2007 Invited Speaker: Perinatal Hospice. National Institute of Family and Life Advocates (NIFLA) annual meeting (7/07), Colorado Springs, CO.

2007 Invited Speaker: Anomalies in 1st and 2nd Trimester Scans & Ectopic Pregnancy. National Institute of Family and Life Advocates (NIFLA) annual meeting (7/07), Colorado Springs, CO.

2007 Invited Speaker: Abortion and Subsequent Preterm birth. First Lisbon Medical Conference in Human Life Studies. (11/07), Lisbon, Portugal.

2008 Invited Speaker: Abortion and Subsequent Preterm Birth: getting to the truth? Christiana Hospital System, (3/08), Wilmington, DE.

2008 Invited Speaker: The New Genetics. Focus on the Family Physicians Conference (4/07), Colorado Springs, CO.

2008 Invited Participant: Surgeon General's Conference on Preterm Birth (6/08), Washington, D.C.

2008 Invited Speaker: Early Pregnancy Failure: Understanding the Essentials. National Institute of Family and Life Advocates (NIFLA) annual meeting, (7/08), Orlando, FL

2008 Invited Speaker: Contraceptive Methods A-Z. National Institute of Family and Life Advocates (NIFLA) annual meeting, (7/08), Orlando, FL

2008 Invited Speaker: Laboratory and Diagnostic Procedures in Medical Clinics. National Institute of Family and Life Advocates (NIFLA) annual meeting, (7/08), Orlando, FL

2009 Invited Speaker: Perinatal Hospice: comprehensive care for families with lethal prenatal diagnosis. Annual Matthew Bulfin Mid-winter meeting of American Association of Pro-Life Obstetricians and Gynecologists, (1/09), Ft Lauderdale, FL.

2009 Invited Speaker: Induced Abortion and Subsequent Preterm Delivery: Whisper of Association or Cry of Causation? American College of Obstetricians and Gynecologists 59th Annual Meeting (5/09), Washington, DC (Special Interest Group Speaker for American Association of Pro-Life Obstetricians and Gynecologists).

2009 Invited Speaker: Perinatal Hospice: comprehensive care for families with lethal prenatal diagnosis. Lancaster General Hospital, (4/09), Lancaster, PA.

2009 Invited Speaker: How biotechnology, medicine, and ethics affect the natural family. World Congress of Families V, (8/09), Amsterdam, Holland.

2009 Invited Speaker: Perinatal Hospice: comprehensive care for families with lethal prenatal diagnosis. 78<sup>th</sup> Annual Conference of Catholic Medical Association, (10/09), Springfield, IL.

2010 Invited Judge: Madigan Army Medical Center 13<sup>th</sup> Annual Resident Research Day. 30 April 2010, Tacoma, Washington.

2010 Invited Speaker: Perinatal Hospice: comprehensive care for families with lethal prenatal diagnosis. 55<sup>th</sup> Annual Meeting of American College of Nurse-Midwives, 15 June 2010, Washington, DC.

2011 Invited Speaker: Perinatal Hospice: Pontifical Academy for Life. 25 February 11, Rome, Italy.



2011 Invited Speaker: Perinatal Hospice. Cedarville University, Cedarville, OH, 8 April 2011.

2011 Invited Speaker: The Elephant in the Room, West Virginia Drug Endangered Children's Conference, Charleston, WV, 10-11 August 11.

2011 Invited Speaker: Clinical Parameters of Difficult Cases in Pregnancy, 80<sup>th</sup> Annual Conference of Catholic Medical Association, Phoenix, AZ, 8 October 2011.

2011 Invited Speaker: 11-15 November 2011. Gestational Diabetes Update. The 54<sup>th</sup> Gynecology and Obstetrics Brazilian Congress (CBGO) and *Association of Gynecology and Obstetrics Brazilian Societies (FEBRASGO)*, Curitiba – Paraná, Brazil

2011 Invited Speaker: 11-15 November 2011. Transvaginal Ultrasound: Cerclage or Progesterone? The 54<sup>th</sup> Gynecology and Obstetrics Brazilian Congress (CBGO) and *Association of Gynecology and Obstetrics Brazilian Societies (FEBRASGO)*, Curitiba – Paraná, Brazil

2011 Invited Speaker: The Elephant in the Room, West Virginia Children's Justice Task Force, Charleston, WV, 16-17 November 11.

Other Certifications:

BLS 2012

ACLS 2012

American Medical Association Physician Award for Continuing Medical education 2009-2012