

12/5/2008

CURRICULUM VITAE

NAME: Jill Gossett Mauldin

DEPARTMENT ADDRESS: Department of OB/GYN
Division of Maternal and Fetal Medicine
Medical University of South Carolina
96 Jonathan Lucas Street, Suite 634
P.O. Box 250619
Charleston, SC 29425
(843) 792-4500

EDUCATION:

1984-1988 BA, Chemistry, Emory University, Atlanta, GA.
1988-1992 MD, Medicine, Emory University, Atlanta, GA.

LICENSURE: South Carolina

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

1992-1993 Intern, OB/GYN, Emory University, Atlanta, GA
1993-1996 Resident, OB/GYN, Emory University, Atlanta, GA
1996-1998 Fellow, Maternal Fetal Medicine, Medical University of South Carolina,
Charleston, SC

FACULTY APPOINTMENT:

1996-1998 Instructor, OB/GYN, Medical University of South Carolina,
Charleston, SC
1998-2005 Assistant Professor, OB/GYN, Medical University of South
Carolina, Charleston, SC
2005- Associate Professor, OB/GYN, Medical University of South
Carolina, Charleston, SC

DEPARTMENTAL APPOINTMENT:

2003-2008 Co-Director, Medical Student Clerkship
2003- Director, 4th year elective, Maternal Fetal Medicine
2005- Physician Clinical Director, Prenatal Wellness

HOSPITAL APPOINTMENT:

2008- Medical Director, Perinatal Services

CERTIFICATION

1999 American Board of Obstetrics and Gynecology
2002 American Board of Obstetrics and Gynecology,

Division of Maternal-Fetal Medicine

AWARDS, HONORS, MEMBERSHIP IN HONORARY SOCIETIES:

- Residency: Emory Resident Research Award
- College: Graduated with highest honors
Emory Merit Scholar
Merck Chemistry Award recipient
Phi Beta Kappa, Mortar Board
- Fellowship: Selected participant at the Mead Johnson Nutritionals Perinatal and Developmental Medicine Symposium: "Brain Injury in the Newborn," Aspen Colorado; June, 1997.
- Assistant Professor: APGO/SOLVAY Educational Scholar, 2003-2004.
- Reviewer for *American Journal of Obstetrics and Gynecology*, 2005-

PROFESSIONAL SOCIETIES:

- American College of Obstetricians and Gynecologists
- Society of Maternal Fetal Medicine
- Association of Professors of Gynecology and Obstetrics
- SC Ob/Gyn Society

INSTITUTIONAL RESPONSIBILITIES:

- Health Sciences Teaching Excellence Awards Selection Committee – 2006, 2007
- Clinical Sciences Subcommittee, 2003-present
 - Chair, 2005-2007
- Physician Clinical Directors Committee, 2006-present
- Practice Partner Electronic Medical Record Advisory Committee, 2006-present
- Students Mentored
 - 2006-07: MS-1, SarahAnn Vanzant, Kristin Williams
MS-3: Caroline Billingsly, Carreen Attaway, Meg Carter
- Service Line Operations Team – 2007-present
- POD Cast development: Weekly POD Casts presentations, pertaining to weeks 6-37 of pregnancy, describing fetal growth and discussing related topics; Available through www.muschealth.com

EXTRAMURAL GRANTS:

- March of Dimes Community Chapter Award, 2003-2004; \$3000.
- Markers and Mechanisms for Pre-eclampsia in Women with Type 1 Diabetes. Principal Investigator (Obstetrics); Juvenile Diabetes Research Foundation; 2002-2003; \$18,000.
- Medical Treatment Effectiveness Center analysis of the cost-effectiveness of external cephalic version. Co-Principal Investigator; Agency of Health Care Policy and Research, National Institute of Health; 01/01/96 - 06/30/96; \$40,000.

PEER-REVIEWED PUBLICATIONS:

- 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; 193:1498-1507.
- Luke B, Brown MB, 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; 192:909-915.
- Min SJ, Luke B, Min L, Misiunas R, Nugent C, Van de Ven C, Martin D, Gonzalez-Quintero VH, Eardley S, Witter FR, **Mauldin JG**, Newman RB. Birth weight references for triplets. *Am J Obstet Gynecol*, 2004; 191:809-814.
- Gonzales-Quintero VH, Luke B, O'Sullivan MF, Misiunas R, Anderson E, Nugent C, Witter F, **Mauldin J**, Newman R, D'Alton M, Grainger D, Saade G, Hankins, G and Macones G. Antenatal factors associated with significant birth weight discordancy in twin gestations. *Am J Obstet Gynecol* 2003, 189:813-817.
- Luke B, Hediger ML, Nugent C, Newman RB, **Mauldin JG**, Witter FR and O'Sullivan MJ. Body Mass Index-Specific Weight Gains Associated with Optimal Birthweights in Twin Pregnancies. *J Reprod Med*, 2003; 48:217-224.
- Luke B, Nugent C, van de Ven C, Martin D, O'Sullivan MJ, Eardley S, Witter FR, **Mauldin JG** and Newman RB. The association between maternal factors and perinatal outcomes in triplet pregnancies. *Am J Obstet Gynecol*, 2002; 187:752-757.
- Gernt PR, **Mauldin JG**, Newman RB, Durkalski VL. Sonographic prediction of twin birth weight discordance. *Obstet Gynecol* 2001; 97(1):53-56.
- Adams EK, Mauldin PD, **Mauldin JG**, and RM Mayberry. "Determining cost savings from attempted cephalic version in an inner city delivering population." *Health Care Management Science* 2000; 3:185-192.
- **Mauldin JG**. Prenatal Diagnosis and Fetal Therapy – What lies in the Future? *Indian Journal of Pediatrics*, 2000; 67: 899-905.
- Min SJ, Luke B, Gillespie B, Min L, Newman RB, **Mauldin JG**, Witter FR, Salman FA and O'Sullivan MJ. Birth Weight References for Twins. *American Journal of Obstetrics and Gynecology* 2000; 182:1250-1257.
- Newman RB, **Mauldin JG**, and Ebeling, M. Risk Factors for neonatal death in twin gestation in the state of South Carolina. *American Journal of Obstetrics and Gynecology* 1999; 180(3 pt 1):757-762.

12/5/2008

- Luke B, Min S-J, Gillespie B, Witter FR, Newman RB, **Mauldin JG**, Salman FA and O'Sullivan MJ. Prospective Predictors of Gestational Age in Twin Pregnancies. *American Journal of Epidemiology* 1999; 149:S42.
- Luke B, Min S-J, Gillespie B, Avni M, Witter FR, Newman RB, **Mauldin JG**, Salman FA, and O'Sullivan MJ. The importance of early weight gain in the intrauterine growth and birth weight of twins. *American Journal of Obstetrics and Gynecology* 1998; 179:1155-61.
- **Mauldin JG**, Newman RB, and Mauldin PD. Cost-effective delivery management of the vertex and nonvertex twin gestation. *American Journal of Obstetrics and Gynecology* 1998; 179:864-869.
- **Mauldin JG**, et al. Determining the clinical efficacy and cost savings of external cephalic version. *American Journal of Obstetrics and Gynecology* 1996;175: 1639-44.
- **Gossett J**, et al. Yeast Redoxyendonuclease, A DNA Repair Enzyme Similar to Escherichia coli Endonuclease III. *Biochemistry* 1988; 27: 2629-2634.

NON-PEER-REVIEWED PUBLICATIONS:

- **Mauldin J** and Roger Newman. Prior Cesarean: A Contraindication to Labor Induction? *Clinical Obstetrics and Gynecology*. 2006; 49:684-697.
- **Mauldin J**. Preconception and Pregnancy Care of Women with Diabetes. *In: Fertility Today*. Review and Herald Publishing Association, Hagerstown, Maryland.
- **Mauldin JG** and Newman RB. Preterm Birth Risk Assessment. *Seminars in Perinatology*. 2000; 25:215-222.
- **Mauldin JG** and Newman RB. The Role of Ultrasound in the Antepartum Management of Multiple Gestations. *In: Newman RB and Luke B, eds. Multifetal Pregnancy: A handbook for care of the pregnant patient*. Lippincott Williams and Wilkins, Philadelphia, 2000.
- **Mauldin JG** and Newman RB. Neurologic Morbidity Associated with Multiple Gestation. *The Female Patient* 1998;23:27-46.

ABSTRACTS:

Oral Presentations:

- Luke B, Anderson E, Misiunas R, Martin D, Gonzales-Quintero VH, Tolaymat L, O'Sullivan MJ, Witter FR, **Mauldin JG**, Newman RB, D'Alton M, Reece EA, and

12/5/2008

Hankins GVD. Do Outcomes Differ in Spontaneous vs Assisted-Conceived Twins? University Consortium on Multiple Births.-
(B. Luke) Annual SMFM Meeting, New Orleans, LA, 2002

- Krombach RS, Gernt PR, Myers MC, Newman RB, **Mauldin JG**, Reilly LL. The Relationship Between Cervical Length and Preterm Delivery IN Twin Gestations. Medical University of South Carolina. –
(R. Krombach) AIUM 45th Annual Convention, Orlando, FL, 2001.
- Luke B, Min S-J, Gillespie B, Witter, FR, Newman RB, **Mauldin JG**, Salman FA and O'Sullivan MJ. The importance of early weight gain in the intrauterine growth and birthweight of twins. University Consortium on Multiple Births.
- (B. Luke) 12th International Workshop on Multiple Pregnancy, 1999
- Luke B, Min S-J, Gillespie B, Witter FR, Newman RB, **Mauldin JG**, Salman FA and O'Sullivan MJ. Prospective Predictors of Gestational Age in Twin Pregnancies.
- (B. Luke) Society for Epidemiologic Research Annual Meeting, Baltimore, Maryland, 1999.
- **Mauldin JG**, Newman RB, Durkalski VL, and Mauldin PD. Cost Effective Delivery Management of the Vertex/Non-vertex Twin Gestation. Medical University of South Carolina.
- Annual SPO meeting, Miami FL, 1998.
- Adams EK, **Mauldin JG**, and Mauldin PD. Determining the cost savings with attempting external cephalic version in an inner-city delivering population.
- (E. Adams) Association of Health Services Research National Meeting, Chicago, 1997.

Poster Presentations:

- **Mauldin J**. The Use of a Web-Based Tutorial Program in an ObGyn Clerkship.
- Annual Meeting, APGO/CREOG, Orlando, Florida, March 2004
- B Luke, MB Brown, RB Misiunas, E Anderson, **JG Mauldin**, RB Newman, C Nugent, VH Gonzalez-Quintero, MJ O'Sullivan, FR Witter, GDV Hankins, G Saade, M D'Alton, G Macones, D Grainger. Elevated Maternal Glucose Concentrations and Placental Infection in Twin Pregnancies
- (B. Luke) Society for Pediatric & Perinatal Epidemiology Research, Atlanta, GA, 2003
- Newman RB, Collins Sharp B, Menard MK, **Mauldin JG**, Hulse T. Racial Disparity in Fetal Mortality in Rural South Carolina.
- (R. Neman) South Carolina Rural Health Association, Columbia, SC, 2003

12/5/2008

- Gonzalez-Quintero VH, Luke B, Martin D, Nugent C, Misiunas RB, Anderson E, Witter F, **Mauldin J**, Newman R, D'Alton M, Hankins G, Saade G. The Hispanic Epidemiologic Paradox: Outcomes in Twin Pregnancies.
- (B. Luke) Annual SMFM Meeting, San Francisco, CA, 2003
- 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 Birthweight Discordancy in Twins.
- (B. Luke) Annual SMFM Meeting, San Francisco, CA, 2003
- Min SJ, 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.
- (B. Luke) Annual SMFM Meeting, San Francisco, CA, 2003
- Luke B, Brown MB, Anderson E, Misiunas R, Martin D, Gonzalez-Quintero VH, O'Sullivan MJ, Nugent C, van de Ven C, Witter F, **Mauldin J**, Newman RB, Hankins GDV, Saade G, Grainger D, Macones G. Risk Factors for Adverse Outcomes in Spontaneous vs Assisted-Conception Twin Pregnancies.
- (B. Luke) Annual SMFM Meeting, San Francisco, CA, 2003
- Luke B, Martin D, Gonzales-Quintero VH, Tolaymat L, O'Sullivan MJ, Newman RB, **Mauldin JG**, Witter FR, Hankins GVD, D'Alton M, and Reece EA. The Effect of Fetal Reduction on Intrauterine Growth and Pregnancy Outcome in Twins. University Consortium on Multiple Births.
- (B. Luke) Annual SMFM Meeting, New Orleans, LA, 2002
- Luke B, Nugent C, Van De Ven C, Martin D, O'Sullivan MJ, Eardley S, Witter FR, **Mauldin JG**, and Newman RB. Maternal Weight Gain and Triplet Birthweight. University Consortium on Multiple Births.
- (B. Luke) Annual SMFM Meeting, New Orleans, LA, 2002
- Hediger ML, Luke B, Misiunas R, Martin D, O'Sullivan MJ, Witter FR, **Mauldin JG**, Newman RB, Hankins GVD, D'Alton M, Reece EA. Fetal Growth Rates and Very Preterm Birth of Twins. University Consortium on Multiple Births.
- (B. Luke) Annual SMFM Meeting, New Orleans, LA, 2002
- Johnson D, Medio F, and **Mauldin JG**. Impact of Faculty Peer Review Education Program on Student Faculty Evaluation. Medical Univ South Carolina
- (D. Johnson) CREOG and APGO Annual Meeting, 2002.
- Luke B, Min L, Newman RB, **Mauldin JG**, Witter FR, and O'Sullivan MJ. BMI-Specific Weight Gain Guidelines for Twin Pregnancies. Univ Michigan Med

12/5/2008

School, Medical Univ South Carolina, Johns Hopkins Univ School of Medicine, Miami School of Medicine.

- (B. Luke) Annual SMFM meeting, Miami, FL, 2000.

- Luke B, Min L, Misiunas R, Witter FR, Newman RB, **Mauldin JG**, and O'Sullivan MJ. Neonatal Morbidity among Twins: Effect of Birthweight, Gestational Age, and Birthweight-for-Gestational Age. Univ Michigan Med School, Medical Univ South Carolina, Johns Hopkins Univ School of Medicine, Miami School of Medicine.
- (B. Luke) Annual SMFM meeting, Miami, FL, 2000.
- Luke B, Min L, Newman RB, **Mauldin JG**, Witter FR, and O'Sullivan MJ. Effect of Selective Reduction on Intrauterine Growth, Birthweight, and Weeks Gestation in Twin Pregnancies. Univ Michigan Med School, Medical Univ South Carolina, Johns Hopkins Univ School of Medicine, Miami School of Medicine.
- (B. Luke) Annual SMFM meeting, Miami, FL, 2000.
- Luke B, Min S-J, Gillespie B, Witter FR, Newman RB, **Mauldin JG**, Salman FA and O'Sullivan MJ. Prospective Predictors of Gestational Age at Birth in Twin Pregnancies. University Consortium on Multiple Births.
- (B. Luke) 12th International Workshop on Multiple Pregnancy, 1999
- Min S-J, Luke B, Gillespie B, Witter FR, Newman RB, **Mauldin JG**, Salman FA and O'Sullivan MJ. Fetal and Birthweight Standards for Twins. Univ Michigan Medical School and Center for Statistical Consultation and Research, Johns Hopkins Univ School of Medicine, Medical Univ of South Carolina and Univ Miami School of Medicine.
- (B.Luke) Annual SMFM meeting, San Francisco, 1999
- **Mauldin JG**, Newman RB, Durkalski VL, Mauldin PD, and Bleyl J. Magnesium Sulfate Exposure and Germinal Matrix-Intraventricular Hemorrhage in VLBW Infants of High Order Multiple Gestations. Medical University of South Carolina
- Annual SPO meeting, Miami, FL, 1998
- **Mauldin JG**, Newman RB and Ebeling M. Risk Factors for Neonatal Mortality in Twin Gestations in the State of South Carolina. Medical University of South Carolina.
- Annual SPO meeting, Miami, FL, 1998.
- **Mauldin JG**, Newman RB, Mauldin PD, Myers M, and Ellings JM. Specialized Twin Clinic: Has There Been a Difference in Neonatal Outcomes? Medical University of South Carolina.
- Annual SPO meeting, Miami, FL, 1998.
- Luke B, Avni M, Witter FR, Newman RB, **Mauldin JG**, Eardley S and O'Sullivan MJ. The Association Between Maternal Weight Gain and the Birthweight of

12/5/2008

Triplets. Univ Michigan Medical School, Johns Hopkins Univ School of Medicine, Medical Univ of South Carolina, So Illinois Univ School of Medicine, and Univ Miami School of Medicine.

- (B. Luke) Annual SPO meeting, Miami, FL, 1998.

- Luke B, Gillespie B, Min S-J, Avni M, Witter FR, Newman RB, **Mauldin JG** and O'Sullivan MJ. The Importance of Early Maternal Weight Gain on the Intrauterine Growth and Birthweight of Twins. Univ Michigan Medical School and Center for Statistical Consultation and Research, Johns Hopkins Univ School of Medicine, Medical Univ of South Carolina, and Univ Miami School of Medicine.
- (B. Luke) Annual SPO meeting, Miami, FL, 1998.
- Luke B, Gillespie B, Min S-J, Avni M, Witter F, Newman RB, **Mauldin JG** and O'Sullivan MJ. Point of Diminishing Returns: Effect of Weight Gain in Overweight and Obese Women on Twin Birthweights. Univ Michigan Medical School and Center for Statistical consultation and Research, Johns Hopkins Univ School of Medicine, Medical Univ of South Carolina and Univ Miami School of Medicine.
- (B. Luke) Annual SPO meeting, Miami, FL, 1998.

PRESENTATIONS:

- "Diabetes and Pregnancy." Diabetes Update Program, North Charleston, SC, March 2008.
- "The Shortchanging of Diabetic Pregnancies" OBGYN Grand Rounds, MUSC, Charleston, SC, December 2007.
- "Complications of Pregnancy" Physician Assistant Lecture Series, MUSC, Charleston, SC; June 2007
- "Diabetes and Pregnancy." Diabetes Update Program, North Charleston, SC, March 2007.
- "In the Hot Seat: Should We Offer Cesarean Section on Maternal Request?" OBGYN Grand Rounds, MUSC, Charleston, SC; December 2006.
- "Complications of Pregnancy" Physician Assistant Lecture Series, MUSC, Charleston, SC; June 2006
- "Diabetes and Pregnancy." Diabetes Update Program, North Charleston, SC, March 2006.
- "Prior Cesarean Section: A Contraindication to Labor Induction?", OBGYN Grand Rounds, MUSC, Charleston, SC; October 2005.
- "Diabetes and Pregnancy", Certified Diabetes Educators Course for Diabetes Initiative Grant, North Charleston, SC; March 2005

12/5/2008

- “Gestational Diabetes: Application and Research”, 3rd Annual Diabetes/CVH Winter Symposium, DHEC, Myrtle Beach, SC; Feb 2005.
- “Women’s Health: Diabetes.” Thegos Annual Meeting, Wild Dunes, South Carolina, 2004.
- “Fetal Death.” OB/GYN Grand Rounds. MUSC, Charleston, South Carolina, 2004.
- “Diabetes and Pregnancy.” Medicine Resident Lunch Series. MUSC, Charleston, SC, 2003.
- “VBAC. Is It Worth the Risk?” OB/GYN CME Lecture at Trident Hospital, North Charleston, South Carolina, 2003.
- “Update on Diabetes in Pregnancy.” OB/GYN Grand Rounds. MUSC, Charleston, South Carolina, 2003.
- “Management of the Gestational Diabetic”. 8th Annual Diabetes Fall Symposium for Primary Healthcare Professionals. Diabetes Center of MUSC and the Diabetes Initiative of South Carolina, Charleston, South Carolina, 2002.
- “Diabetes: New Insulins, Oral Agents, and Carbohydrate Counting”. OB/GYN Grand Rounds. MUSC, Charleston, South Carolina, 2002.
- “The Role of Ultrasound in the Antepartum Management of Multiple Gestations”. Azaleas, Dogwoods, and Obstetrical Controversies. MUSC, Charleston, South Carolina, 2002.
- “Implications and Management of Intrauterine Growth Restriction”. OB/GYN Grand Rounds. MUSC, Charleston, South Carolina, 1999.
- “Diagnosis and Management of Intrauterine Growth Restriction”. Azaleas, Dogwoods, and Obstetrical Controversies. MUSC, Charleston, South Carolina, 1999.
- “Implications and Management of Intrauterine Growth Restriction”. Neonatal Nutrition Conference. MUSC, Charleston, South Carolina, 1999.
- “Hematologic Disease and Pregnancy”. OB/GYN Grand Rounds. MUSC, Charleston, South Carolina, 1998.
- “Complications of Pregnancy”. Physicians Assistant Student Lecture. MUSC, Charleston, South Carolina, 1998, 1999, 2000, 2001, 2002.

12/5/2008

- “Rh isoimmunization and ABO incompatibility”. College of Nursing, Nurse Midwifery Student Lecture. MUSC, Charleston, South Carolina, 1997, 1998, 1999, 2000, 2001, 2002.
- “Sonographic Evaluation of First Trimester Bleeding”. Radiology Grand Rounds MUSC, Charleston, South Carolina, 1997.
- “TORCH Infections”. OB/GYN Grand Rounds. MUSC, Charleston, South Carolina, 1997.
- “Vaginal Deliveries and Common Emergencies”. Fifth Annual Intensive Review in Emergency Medicine. MUSC, Charleston, South Carolina, 1996.

INSTITUTIONAL COMMITTEES

- Health Sciences Teaching Excellence Awards Selection Committee – 2006, 2007
- Clinical Sciences Subcommittee, 2003-present
 - Chair, 2005-2007
- Physician Clinical Directors Committee, 2006-present
- Practice Partner Electronic Medical Record Advisory Committee, 2006-present
- Students Mentored
 - 2006-07: MS-1, SarahAnn Vanzant, Kristin Williams
 - MS-3: Caroline Billingsly, Carreen Attaway, Meg Carter