

**Curriculum Vitae**  
**Laura Goetzi, MD MPH**

**Name:** Laura Marie Goetzi

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**Education:**

<u>Institution/Location</u>	<u>Years</u>	<u>Degree/Date</u>	<u>Field of Study</u>
Amherst College, Amherst, MA	1985-89	BA	Biology
University of California, San Francisco CA	1989-93	MD	Medicine
Harvard School Public Health	1997-99	MPH	Clinical Effect.

**Internship:** (Place) (Dates)

Ob/Gyn Brigham & Women's Hospital 7/1/1993-6/30/1994

**Residencies or Post Doctoral:** (Place) (Dates)

Ob/Gyn Brigham & Women's Hospital 7/1/1994-6/30/1997  
Maternal Fetal Medicine New England Medical Center/Tufts 7/1/1997-6/30/2000

**Specialty/Board Certification:** Ob/Gyn, Maternal Fetal Medicine **Date:** 04/09/2003, 2007

**Licensure:** Texas

South Carolina

Massachusetts

**Date:** 08/26/2000

**Date:** 11/2004

Inactive

**Faculty Appointments:**

<u>Years</u>	<u>Rank</u>	<u>Institution</u>	<u>Department</u>
2000-2004	Assistant Professor	Baylor College of Medicine	Ob/Gyn
2005-2008	Assistant Professor	Medical University of SC	Ob/Gyn
2008-current	Associate Professor	Medical University of SC	Ob/Gyn

**Hospital Appointments/Privileges:**

<u>Years</u>	<u>Active/Inactive</u>	<u>Institution</u>
2000-2004	Inactive	Ben Taub General Hospital
2000-2004	Inactive	Methodist Hospital
2000-2004	Inactive	St. Luke's Episcopal Hospital
2005-current	Active	University Hospital

**Membership in professional/scientific societies (include offices held):**

National Societies: SMFM, ACOG, SGI, AIUM

Local Societies: Charleston County Medical Society, South Carolina Medical Association.

**Editorial Positions:**

Associate Editor, Obstetrics: Normal and Problem Pregnancies, Gabbe, 5<sup>th</sup> Edition

**Extramural Grants/award amount:**

As Principal Investigator (% time)

March of Dimes (Goetzi)

N/A

Determinants of fetal inflammatory exposure at term

6/1/2006 -5/31/2009

\$212,406

Berlex Foundation Clinical Scholars Award (Goetzl) 7/1/2002-6/30/2003  
 0%  
 Berlex Foundation \$50,000

Joseph Mortola/Solvay Grant (Goetzl) 6/1/2003-5/31/2004  
 0%  
 Society for Gynecologic Investigation \$30,000

As Co-Investigator (% time)

1 R01 NS052448-01A1 (Jenkins) 1/2007-12-2010  
 NIH/NINDS 498,142  
 2%  
 Safety of N-acetylcysteine in Maternal Chorioamnionitis

1K12HD01426-01 (Simpson) 8/1/2000-12/30/2004  
 75%  
 NIH/NICHD \$500,000

5U10HD041269-03 (Fine) 09/01/01-06/30/2006  
 5%  
 NICHD \$555,986

**Intramural Grants/amount of award:**

Project Number (Principal Investigator) N/A Source NICHD/IPA Title of Project (or Subproject) National Children's Study  The major goals of this project are to determine the effects of pregnancy and childhood risk factors on disease.	Dates of Approved/Proposed Project 10/1/2005 Annual Direct Costs 45,360	Percent Effort 20%
Project Number (Karmaus) Source EPA Title of Project The Pregnancy Environment and Child Health (PEACH)	Dates of Approved/Proposed Project 2007-2009 Annual Direct Costs (MUSC only) 38,500	Percent Effort 10%

**Awards, Honors, Membership in Honorary Societies:**

2007 Board Examiner, ABOG  
 2006 Royal Society of Medicine Book Award; First Edition Book for the General Reader  
 2002 Zuspan Award, Society for Obstetric Anesthesia and Perinatology  
 1990 March of Dimes Research Fellowship

**Academic Committee Activities:**

National: Obstetric Practice Committee, ACOG, 2007-current  
 University: IRB II, Harris County Quality Committee, St. Luke's Hospital Quality Committee  
 College N/A  
 Department: Grand Rounds, Journal Club, Resident Research Director, Academic Affairs Committee,  
 Division: N/A

**Major Teaching Responsibilities:**

Director of Resident Research Program: Department of Ob/Gyn  
Undergraduate Medical Education: Medical Student Lectures, Intrapartum Fetal Assessment (9 hours/year)  
Graduate Medical Education: Ob/Resident Lectures (10 hours/year), Clinical Teaching 50% FTE, Outside of Department Resident Teaching, Formal (10 hours/year)  
Graduate Studies Education: Resident Research Mentoring, 20 projects completed in last 2 years  
Continuing Medical Education: N/A

**Major Clinical Interests and Responsibilities:**

50% Clinical time: Maternal Fetal Medicine  
Clinical Trials  
Evidenced Based Medicine in Obstetrics  
Perinatal Inflammation  
Intrauterine Neuroprotection  
Labor Outcomes

**Lectures and Presentations:**

Invited lectures and presentations

1. **Evidence Based Labor Interventions**, MUSC Grand Rounds, 2008
2. **Surgical Complications in the Obese Obsetric Patient**, MUSC Update on Obstetrics, 2008
3. **Update on Perinatal Hepatitis**, ACOG District Meeting, Las Vegas, 2007
4. **Obstetric Anesthesia, State of the Art**. Grand Rounds, MUSC 2007
5. **Epidural Fever**. Grand Rounds, University of Kansas, 2007
6. **Maternal Corticosteroids to Prevent Intrauterine Exposure to Hyperthermia and Inflammation**, Society for Maternal Fetal Medicine, Miami, FL 2006
7. **Epidural Fever and Intrapartum Inflammation at Term**, Grand Rounds, MUSC, Charleston, SC 2005
8. **Management of Meconium at Term**, Perinatal Conference MUSC, Charleston, SC 2006
9. **Update on Perinatal Hepatitis B and C**. Dogwoods and Azaelas, MUSC Update in Obstetrics, Charleston, SC 2005
10. **Underlying Maternal Inflammation Contributes to Risk of Intrapartum Fever at Term**, Women's Health Interdisciplinary Research Symposium, Office of Women's Health, NIH, Bethesda, MD 2004
11. **Maternal Inflammation in Term Labor**, Measurement of Maternal Infection and Fetal Inflammation Workshop, National Children's Health Study Workshop, Linithcum, MD, 2004
12. **Placenta Accreta and Percreta: A Multidisciplinary Approach**, Baylor College of Medicine Grand Rounds, Department of Urology, Houston, TX 2004
13. **Obstetric Aspects of Trauma Management**, Emergency Medicine Department, Harris County Hospital District, 2004
14. **Hepatitis C in Pregnancy**, Baylor College of Medicine Grand Rounds, Houston, TX 2004
15. **Update on Epidural Fever**, Texas Anesthesia Clinical Obstetrics Meeting, Houston, TX 2004
16. **Epidural Related Fever: The Evidence, Etiology and Significance**, Women's Health Interdisciplinary Research Symposium, Office of Women's Health, NIH, Bethesda, MD 2003
17. **Breast Feeding: Evidence Based Counseling**, Baylor College of Medicine, Department of Obstetrics & Gynecology, Grand Rounds, Houston, TX 2003

18. **Epidural Fever: Mechanism and Prevention** ,Berlex Foundation Annual Clinical Scholar's Meeting, Sonoma 2003
19. **Pregnancy: A Whirlwind Update for the Non-Obstetrician**, VA Grand Rounds, Houston, TX 2003

Submitted presentations (e.g., abstract or paper presentations)

1. Villers M, Soper D, **Goetzl L**. Hispanic Ethnicity: An Important Risk Factor for Intrapartum Fever Annual Scientific Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, August 2008 Seattle
2. Goetzl L, Ayasolla K, Singh I. Multiple Intrapartum Insults at Term: A Model of Neurodevelopmental Injury. for Maternal Fetal Medicine, 2007, San Francisco
3. **Goetzl L**, Zigelboim I, Badell MA, Rivers J, Mastrangelo MA, Tweardy D, Suresh MS. Maternaal Corticosteroids to prevent intrauterine exposure to hyperthermia and inflammation. Society for Maternal Fetal Medicine Oral Presentation, 2006, Miami
4. **Goetzl L**, Raine S, Rivers J, Mastrangelo MA, Tweardy DJ, Suresh MS. Maternal Inflammatory Balance and Fetal Exposure to Hyperthermia. Society for Maternal Fetal Medicine, 2005, Reno
5. **Goetzl L**, Raine S, Rivers J, Mastrangelo MA, Tweardy DJ, Suresh MS. Maternal Inflammation at Term and Labor Outcome. Society for Maternal Fetal Medicine, 2005, Reno
6. **Goetzl L**, Raine S, Rivers J, Mastrangelo MA, Tweardy DJ, Suresh MS. Pre-Labor IL-6: A Potential Screening Test for Fever after Epidural Analgesia. Oral Presentation, Zuspan Session, Society for Obstetric Anesthesia and Perinatology, 2004, Sanibel Harbour, FL
7. Hairston A, **Goetzl L**. Term Hemoglobin A1C  $\geq 6.3$ : A Potentially Useful Predictor of Birth Injury in Diabetic Gravidas. Society for Gynecologic Investigation, 2004, Houston, TX
8. **Goetzl L**, Zigelboim +I, Rivers J, Mastrangelo MA, Tweardy DJ, Suresh MS. The Effect of Epidural Analgesia on Intrapartum Maternal Interleukin-6 Levels. Society for Gynecologic Investigation, 2004, Houston
9. **Goetzl**, L, Krantz D for the BUN Study Group. Low First Trimester PAPP-A Identifies Pregnancies Requiring IUGR Screening. Society for Maternal Fetal Medicine, 2004, New Orleans
10. **Goetzl L**, Rivers J, Zigelboim I+, Mastrangelo MA, Tweardy DJ and Suresh MS. Underlying Interleukin-6 Levels Identify Women Destined to Develop Intrapartum Fever after Epidural Analgesia. Society for Maternal Fetal Medicine, 2004, New Orleans
11. Zigelboim I, Rivers J, Mastrangelo MA, Tweardy DJ Suresh MS and **Goetzl L**. Epidural Analgesia, Epidural Fever and Placental cytokine Production. Society for Maternal Fetal Medicine, 2004, New Orleans
12. **Goetzl L** ,Zigelboim I, Rivers J, Suresh M. Preventing Hyperthermic and Cytokine Mediated Neonatal Brain Injury Secondary to Epidural Fever. Oral Presentation (concurrent session D), Society for Maternal Fetal Medicine, 2003, San Francisco
13. Rochon M, Gardner M, **Goetzl L**. Hemoglobin A1C in Term Pregnancies Complicated by Gestational Diabetes: A Predictor of Macrosomia? Society for Maternal Fetal Medicine, 2003 San Francisco
14. Krantz D, **Goetzl L**, Wapner RJ. Poor Perinatal Outcome is Associated with Extreme First Trimester Biochemical Screening Markers. Society for Maternal Fetal Medicine, 2003 San Francisco
15. **Goetzl L**, Evans T, Rivers J, Suresh MS, Wali A, Lieberman E. A Double-Blind Placebo-Controlled Trial of Prophylactic Acetaminophen to Prevent Epidural Fever in Nulliparous Women. Oral Presentation, Society for Obstetric Anesthesia and Perinatology, 2002, Hilton Head. Winner, Zuspan Award
16. **Goetzl L**, Zamora Y, Greisinger A, Wilkins I. Pregnancy Outcomes in Women with Normal Body Mass Index Associated with Weight Gain Outside of Institute of Medicine Recommendations. American College of Obstetrics & Gynecology. 2002, Los Angeles

## Publications:

Peer Reviewed Journal Articles: Published or accepted for publication in final form

1. Sapp H, **Goetzl L**, Creasman W, Kohler M, Underwood P, Esnaola N. Combined adverse effect of African American race and deep stromal invasion on survival following radical hysterectomy for cervical cancer. *Am J Obstet Gynecol* 2008, *In press*
2. **Goetzl L**, Epidural Analgesia and Maternal Fever, *Contemporary Ob Gyn*, 2008 *In Press*
3. **Goetzl L**, Rivers J, Zigelboim I, Wali A, Badell M, Suresh MS. Intrapartum Epidural Analgesia and Maternal Temperature Regulation. *Obstet Gynecol* 2007;109:687-90
4. **Goetzl L**, Zigelboim I, Badell M, Rivers J, Mastrangelo MA, Tweardy D, Suresh MS. Maternal Corticosteroids to Prevent Intrauterine Exposure to Hyperthermia and Inflammation; A Randomized, Double-Blind, Placebo-Controlled Trial. *Am J Obstet Gynecol* 2006;195:1031-7
5. Mattox K, **Goetzl L**. Trauma in Pregnancy. *Crit Care Med* 2005;33Suppl:S385-9
6. Woo J, Fine P, **Goetzl L**. Abortion disclosure and the association with domestic violence. *Obstet Gynecol* 2005;105:1329-34.
7. Platt LD, Greene N, Johnson A, Zachary J, Thom E, Krantz D, Simpson JL, Silver RK, Snijders RJ, **Goetzl L** for the BUN Study Group. Sequential pathways of testing after first-trimester screening for trisomy 21. *Obstet Gynecol* 2004;104:661-6
8. Krantz D, **Goetzl L**, Wapner RJ for the BUN Study Group. Association of Extreme First Trimester Free Beta hCG, PAPP-A and Nuchal Translucency with IUGR and Other Adverse Pregnancy Outcomes. *Am J Obstet Gynecol* 2004;191:1452-8
9. **Goetzl L**, Krantz D, Simpson JL, Silver RK, Wapner RJ for the BUN Study Group. PAPP-A, Free  $\beta$ hCG, Nuchal Translucency and Risk of Pregnancy Loss. *Obstet Gynecology* 2004; 104:30-36
10. **Goetzl L**, Rivers J, Wali A, Evans T#, Citron DR, Richardson BE, Lieberman E, Suresh MS. Prophylactic Acetaminophen Does Not Prevent Epidural Fever in Nulliparous Women: A Double-Blind Placebo-Controlled Trial. *Am J Perinatology* 2004;24:471-5.
11. **Goetzl L**, Cohen A, Frigoletto F, Lieberman E. Epidural Analgesia Associated with Increased Rate of Antibiotic Use in Labor. *Am J Perinatol* 2003;23:457-61
12. **Goetzl L**, Evans T#, Rivers J, Suresh MS, Lieberman E. Elevated Maternal and Fetal Serum Interleukin-6 Levels are Associated with Epidural Fever. *Am J Obstet Gynecol* 2002; 187:834-8
13. **Goetzl L**. Obstetric analgesia and anesthesia. ACOG Practice Bulletin No. 36. American College of Obstetricians and Gynecologists. *Obstet Gynecol* 2002;100:177-191
14. **Goetzl L**, Wilkins I Glyburide Compared to Insulin for the Treatment of Gestational Diabetes Mellitus; A Cost Analysis. *J Perinatol*, 2002;22:403-6
15. **Goetzl L**, Shipp TD, Cohen A, Zelop C, Repke JT, Lieberman E. Pattern of Pitocin Use Not Associated with Uterine Rupture in Vaginal Birth After Cesarean. *Obstet Gynecol* 2001;97:381-384.
16. **Goetzl L**, Cohen A, Frigoletto F, Lieberman E. Maternal Epidural Use and Neonatal Sepsis Evaluation in Afebrile Mothers. *Pediatrics* 2001;108:1099-1102.
17. Lieberman E, Cohen A, Lang J, Frigoletto F, **Goetzl L**. Maternal Intrapartum Temperature Elevation as a Risk Factor for Cesarean Delivery and Assisted Vaginal Delivery. *American Journal of Public Health*. 1999;89:506-10.

Scholarly Books and Monographs: N/A

Associate Editor, **Obstetrics: Normal and Problem Pregnancies**, Gabbe, 5<sup>th</sup> Edition, Elsevier, 2007

Chapters in Scholarly Books and Monographs:

1. Goetzl L, D'Alton ME, Chapter 4: Prenatal Diagnosis; **Obstetrics & Gynecology: Principles for Practice**. Editors: Ling F & Duff .McGraw-Hill/Appleton & Lange, 2001

2. Goetzl, L Chapter 14: Hepatitis in Pregnancy, **Medical Complications of Pregnancy**, Editor: Craigo
3. Environmental Agents and Environmental Risk, Management of High-Risk Pregnancy, 5th edition, Queenan, Lockwood & Spong, Blackwell Science
4. Obstetric Anesthesia, **Obstetrics: Normal and Problem Pregnancies**, Gabbe, 5<sup>th</sup> Edition, Elsevier, 2007

Other Publications:

**Healthy Pregnancy after 35.** Goetzl L and Harford R, Dorling Kindersley, 2005.