

**CURRICULUM VITAE
BRENNAL. ANDERSON, M.D., M.S.C.R.**

Business Address: Women & Infants' Hospital
101 Dudley Street
Providence, RI 02905
Business Telephone Number: (401)274-1122 ext. 7447
Electronic Mail Address: banderson@wihri.org

EDUCATION

Undergraduate	University of Rhode Island, Biology, Bachelor of Arts, 1995 Graduation with high distinction
Medical School	Brown University School of Medicine, 1995-1999, M.D. 1999 Cited for Academic Excellence
Other Advanced Degrees	University of Pittsburgh School of Medicine, Certificate Program in Clinical Research, 2004 University of Pittsburgh School of Medicine, Master of Science, Clinical Research, May, 2006

POSTGRADUATE TRAINING

Residency	Magee-Womens Hospital of the University of Pittsburgh Medical Center, 300 Halket Street, Pittsburgh, PA 15213 PGY1-4, Obstetrics and Gynecology, 1999-2003
Fellowship	Magee-Womens Hospital of the University of Pittsburgh Medical Center, 300 Halket Street, Pittsburgh, PA 15213 PGY5-7 Maternal Fetal Medicine, 2003-2006 Magee-Womens Hospital of the University of Pittsburgh Medical Center, 300 Halket Street, Pittsburgh, PA 15213 PGY5-7 Reproductive Infectious Diseases and Immunology, 2003-2006

HONORS AND AWARDS

Phi Kappa Phi Honor Society, 1995

Women in Medicine Scholarship, 1999

Award in Obstetrics and Gynecology from the American College of Obstetricians and Gynecologists, 1999

Janet Glasgow Award for Scholastic Achievement from the American Medical Women's Association , 1999

Top full time faculty teacher of the year award Brown University Obstetrics Residents, June 16, 2007

Full time faculty Excellence-in-teaching award Brown University Obstetrics Residents, 2007, 2008, 2009, 2011, 2012, 2013

Recipient NIH Young Investigator Travel Award Perinatal Research Society, July 7, 2007

Top 5% of reviewers for *American Journal of Obstetrics & Gynecology* awarded by editors, July, 2007, July, 2010, August, 2012

2007 Young Investigator Award for the Infectious Disease Society of Obstetrics and Gynecology, awarded August 10, 2007

Full time Faculty Teaching Award given by the Chief Resident Class, June 22, 2008

Henry L. Darnier AOGF travel award to the annual meeting of the American Gynecological and Obstetrical Society September 10-12, 2009

Society for Maternal Fetal Medicine Award for Research Excellence for oral presentation, "Cervicovaginal fluid from pregnant and non-pregnant women suppresses HIV infectivity in an in vitro model", 30th Annual Meeting of the Society for Maternal Fetal Medicine, Chicago, IL, February, 2010

Women & Infants Hospital Medical Staff Distinguished Service Award, December, 2010

Top 5% of reviewers 2010 for *BJOG: An International Journal of Obstetrics and Gynaecology* awarded by editors, awarded January, 2011

Castle Connolly Best Doctors in America regional list in *U.S. News and World Report*, 2011-2012, 2012-2013, 2013-2014

Top 10% of reviewer for *Obstetrics & Gynecology* awarded by editors, awarded February, 2012, February, 2013, February, 2014.

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Medical Physician and Surgeon, Commonwealth of Pennsylvania
MD-074318L, June 18, 2001 to December 31, 2006

Rhode Island Full Active License
MD12160, Issued: July 12, 2006-

Commonwealth of Massachusetts
License 227861 Issued: September 20, 2006-

Controlled Substance Registration, Drug Enforcement Administration
BA7378119, Issued: 2001-

Board Certified: American Board of Obstetrics and Gynecology,
Obstetrics and Gynecology, January 18, 2008
Maternal Fetal Medicine, April 22, 2009

ACADEMIC APPOINTMENTS

July 1, 2006 - 2012

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

Division of Maternal Fetal Medicine

July 1, 2012

Associate Professor of Obstetrics and Gynecology
Alpert Medical School of Brown University
Division of Maternal Fetal Medicine

HOSPITAL APPOINTMENTS

July, 2003 - 2006 Active medical staff, Magee-Womens Hospital, Pittsburgh, PA
July, 2006 – present Active medical staff, Women & Infant's Hospital, Providence, RI
Active medical staff, Rhode Island Hospital, Providence, RI
Consulting physician, South County Hospital, South Kingstown, RI
Consulting physician, Charlton Hospital, Fall River, MA

OTHER APPOINTMENTS

1999-2003 Member: Admissions Committee Applicant Interviewer: University of Pittsburgh
Obstetrics and Gynecology Residency Program
2007- Abstract reviewer for the Society for Gynecologic Investigation Annual Meeting
2011- Member: Society for Maternal Fetal Medicine Publications Committee
2012 Guest Editor: American Journal of Perinatology Special Issue on Perinatal
Infection
2013- Society for Maternal Fetal Medicine liaison to American College of Obstetrics and
Gynecology (ACOG) Practice Bulletin on Obstetrics Committee
2013 Member: Society for Maternal Fetal Medicine Nominations Committee for Board
of Directors

Grant Reviewer

3/2010-4/2013 Ad hoc reviewer, Framework in Global Health Grant. Brown University Program
in Global Health
6/2010 Ad hoc reviewer, Centers for Disease Control (CDC) Peer Review Panel: Long
Term Outcomes of Infants Identified with Congenital CMV Infection
6/2010 Ad hoc reviewer, The Medical Research Council (MRC) for the National Health
Laboratory Service Research Trust (NHLSRT) Grants of South Africa
6/2012 Ad hoc reviewer, NIAID Special Emphasis Panel: Integrated Preclinical/clinical
Program for HIV Topical Microbicides (IPCP-HTM)
6/2012 **Chair**, CDC Special Emphasis Panel: Conducting Public Health Research in
China , RFA-GH-12-005," "Conducting Public Health Research in Thailand by
Ministry of Public Health, RFA-GH-12-002," and "Conducting Public Health
Research in Bangladesh, RFA-CI-09-002
4/2013 Ad hoc reviewer, NICHD Special Emphasis Panel, RFA-13-008 (R01s) AND 009
(R03s) entitled "Prevention of HIV transmission and acquisition through a better
understanding of reproductive health"
6/2013 Ad hoc reviewer, NIAID Special Emphasis Panel study section member, RFA-12-
018: Clinical Trial Units for NIAID Networks (UM1), HIV/AIDS Clinical Trials Unit
12/2013 Ad hoc reviewer, NICHD Pregnancy and Neonatology Study Section

Ad hoc reviewer

2005- American Journal of Obstetrics and Gynecology
2007- The Journal of Infectious Diseases
2007- Clinical Infectious Diseases
2007- BJOG
2008- Infectious Diseases in Obstetrics and Gynecology
2008- Journal of Women's Health
2008- AIDS

2009- Journal of Antimicrobial Chemotherapy
2010- Obstetrics and Gynecology
2010 JAMA

HOSPITAL COMMITTEES

2007 – Women & Infants' Hospital Infection control sub-committee member
2008 Women & Infants' Hospital Anticoagulation task force member
2009 Women & Infants' Hospital Pandemic Planning Committee
2009 Women & Infants' Hospital Pandemic H1N1 Leadership Committee
2010- Women & Infants' Hospital Pharmacy and Therapeutics Committee
2010- Women & Infants' Hospital Department of Obstetrics and Gynecology Guidelines Committee
2011- Women & Infants' Hospital Antimicrobial Stewardship Sub-committee
2011- Women & Infants' Hospital Perinatal Mortality Committee

UNIVERSITY COMMITTEES

2009 Search committee member for Maternal Fetal Medicine Division Director, Department of Obstetrics and Gynecology

MEMBERSHIP IN SOCIETIES

1991-1995 Professions in Medicine Organization, Secretary and President
1997-1999 Sigma Xi Research Society
1995-1999 American Medical Students Association
1995-1999 American Medical Women's Association
1999-2003 Pittsburgh Medical Society
1999-Present American College of Obstetrics and Gynecology, Junior fellow/Fellow
2013- SMFM Liaison to ACOG Committee on Practice Bulletins-Obstetrics
2001-2003 American Society of Reproductive Medicine
2003-Present Society for Maternal Fetal Medicine
2011- SMFM Publications Committee Member
2013- SMFM Nominations Committee Member
2004-present American Institute of Ultrasound in Medicine
2005-present HIV Medicine Association/Infectious Diseases Society of America
2005-present Infectious Diseases Society for Obstetrics and Gynecology, Regular member
2010-2013: Council member
2007-present Society for Gynecologic Investigation, Regular member

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Anderson BL**, Simhan HN, Landers DV. Improving universal prenatal screening for Human Immunodeficiency Virus. *Infect. Dis. Obstet. Gynecol.* 2004 Sep-Dec; 12(3-4): 115-20.
2. **Anderson BL**, Sherman FS, Mancini F, Simhan HN. Fetal echocardiogram findings are not predictive of death in twin-twin transfusion syndrome. *J. Ultrasound Med.* 2006 25: 455-459.
3. Simhan HN, **Anderson BL**, Krohn MA, Heine RP, de Tejada BM, Landers DV, Hillier SL. Host immune consequences of asymptomatic *Trichomonas vaginalis* infection in pregnancy. *Am J Obstet Gynecol.* 2007;196:59.e1-59.e5
4. **Anderson BL**, Cosentino LA, Simhan HN, Hillier SL. Systemic inflammatory response to *T. vaginalis* infection during pregnancy. *Sex Transm Dis* 2007; 34:392-6.
5. **Anderson BL**, Simons KM, Simhan HN, Wiesenfeld HC. Untreated asymptomatic group B streptococcal bacteriuria early in pregnancy is associated with chorioamnionitis. *Am J Obstet Gynecol* 2007; 196: 524.e1-.e5.
6. Savage AH, **Anderson BL**, Simhan HN. The safety of prolonged indomethacin therapy. *Am J Perinat* 2007; 24: 207-13.
7. **Anderson BL**, Nau GJ, Simhan HN. Idiopathic vertebral abscess in pregnancy: case report and literature review. *Am J Perinat* 2007; 24: 377-79.
8. Jayakrishnan A, Vrees R, **Anderson BL**. Varicella zoster meningitis in a pregnant woman with Human Immunodeficiency Virus. *Am J Perinat*, 2008; 25(9): 573-5.
9. **Anderson BL**, Simhan HN, Simons KM, Wiesenfeld HC. Additional antibiotic use and preterm birth among women with group B streptococcal bacteriuria. *Int J Gynaecol Obstet*, 2008;102(2):141-5.
10. **Anderson BL**, Wang CC, Liu T, DeLong AK, Kojic EM, Kurpewski J, Ingersoll J, Mayer K, Caliendo AM, Cu-Uvin S. Genital tract leukocytes and shedding of genital HIV-1 RNA. *Clin Infect Dis*, 2008; 47(9):1216-21.
11. Archabald K, Friedman A, Raker C, **Anderson, BL**. Impact of trimester on morbidity of acute pyelonephritis in pregnancy. *Am J Obstet Gynecol*, 2009;201:406.e1-4.
12. Friedman A, Dailey TL, **Anderson BL**, Shemin D. Lupus Nephritis Mimicking Pyelonephritis in Pregnancy. *Hypertension in Pregnancy*, 2010 Aug 11. [Epub ahead of print].
13. Broughton DE, Beigi RH, Switzer GE, Raker CA, **Anderson BL**. Obstetric Health Care Workers' Attitudes and Beliefs Regarding Influenza Vaccination in Pregnancy. *Obstet Gynecol*, 2009;114(5): 981-987.
14. Rodriguez E, Raker CA, Paglia MJ, **Anderson, BL**. Assessment of the need for rapid Group B Streptococcus testing during labor and delivery. *Am J Perinat*, 2010;27(6): 475-9.
15. Kassis N, Jayakrishnan A, Sprawka N, Cu-Uvin S, **Anderson BL**. Hepatotoxicity and Metabolic Acidosis Manifested as Non-Reassuring Fetal Testing in a Pregnant Woman on Antiretroviral Therapy. *Obstet Gynecol*, 2010;116: 515–7.

16. **Anderson BL**, Zhao Y, Andrews WW, Dudley DJ, Sibai B, Iams JD, Wapner RJ, Varner MW, Caritis SN, O'Sullivan MJ for the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units Network (MFMU). Effect of Antibiotic Exposure on Nugent Score Among Pregnant Women With and Without Bacterial Vaginosis. *Obstet Gynecol*, 2011; 117(4):844-849. PMID: 21422854 PMC3889116.
17. **Anderson BL**, Cu-Uvin S, Raker C, Fitzsimmons C, Hillier SL. Subtle Perturbations of Genital Microflora Alter Immunity Among Low Risk Pregnant Women. *Acta Obstet Gynecol Scand*. 2011 May;90(5):510-5.
18. **Anderson BL**, Rouse DJ, Fitzsimmons C. Clinical characteristics of pregnant women with influenza-like illness during the 2009 H1N1 pandemic and use of a standardized management algorithm. *Am J Obstet Gynecol*. 2011 June; 204(6): S31-37. PubMed PMID:21507374. PMC Journal - In Process.
19. Mendez-Figueroa H, Raker C, **Anderson BL**. Neonatal characteristics and outcomes of pregnancies complicated by influenza infection during the 2009 pandemic. *Am J Obstet Gynecol*. 2011 June; 204(6): S58-63. PubMed PMID:21457913. PMC Journal - In Process.
20. Friedman A, Raker C, Phipps MG, **Anderson BL**. Pyelonephritis during pregnancy as a marker for quality of prenatal care. *J Matern Fetal Neonatal Med*. 2012 Jun;25(6):739-42. PMID:21793706.
21. Varner MW, Rice MM, **Anderson BL**, Tolosa J, Sheffield J, Spong CY, et al. Influenza-Like Illness in Hospitalized Pregnant and Immediately Postpartum Women During the 2009-2010 H1N1 Influenza Pandemic. *Obstet Gynecol*. 2011 September; 118(3):593-600.
22. McDonnold MA, Friedman A, Raker C, **Anderson BL**. First-Trimester Pyelonephritis Is Associated with Later Initiation of Prenatal Care: A Retrospective Cohort Analysis. *Am J Perinat*. 2012 Feb;29(2):141-6. PMID: 22143967 [PubMed - indexed for MEDLINE].
23. **Anderson BL**, Firnhaber C, Liu T, Swarts A, Siminaya M, Ingersoll J, Caliendo A, Cu-Uvin S. Effect of trichomoniasis therapy on genital HIV viral burden among African women. *Sexually Transmitted Diseases*. *Sex Transm Dis*. 2012 Aug; 39(8):638-42. PMID: 22797689. PMCID: PMC3398383.
24. **Anderson BL**, Ghosh M, Raker C, Fahey J, Rouse DJ, Wira CR, Cu-Uvin S. In vitro anti-HIV-1 activity in cervicovaginal secretions from pregnant and non-pregnant women, *Am J Obstet Gynecol*. *Am J Obstet Gynecol*. 2012 Jul; 207(1):65.e1-65.e10. PMID: 22727351 [PubMed - in process].
25. Gibbins KJ, Browning K, Lopes V, **Anderson BL**, Rouse DJ. An Evaluation of the Clinical Use of Magnesium Sulfate for Cerebral Palsy Prevention. *Obstet Gynecol*. 2013 Feb; 121(2 Pt 1):235-40. doi: <http://10.1097/AOG.0b013e31827c5cf8>. PMID: 23344271 [PubMed - in process].
26. **Anderson BL**, Mendez-Figueroa H, Dahlke J, Raker C, Hillier S, Cu-Uvin S. Pregnancy-induced changes in immune protection of the genital tract: defining normal. *Am J Obstet Gynecol*. 2013 Apr; 208(4):321.e1-9. PMID:23313311 PMCID: PMC3610848.
27. Kim D, Mendez-Figueroa H, **Anderson BL**. Pregnancy with a Severe Hemoglobinopathy: Unintended Consequences of Transfusions. *Case Reports in Obstetrics and Gynecology*, vol. 2013, Article ID 413502, 4 pages, 2013. doi:10.1155/2013/413502.
28. Starikov RS, Chien EC, Inman K, **Anderson BL**, Rouse DJ, Lopes V, Coustan DR. Can hemoglobin A1c levels in early pregnancy predict adverse pregnancy outcomes in diabetic

- patients? *Journal of Diabetes and Its Complications. In press.*
29. Archabald KL, Lopes V, **Anderson BL**. Impact of antepartum anemia on the development of chorioamnionitis at term. *Am J Perinatol. In press.*
 30. Albright CM, Ali TN, Lopes V, Rouse DJ, **Anderson BL**. The Sepsis in Obstetrics Score: A Model to Predict Morbidity from Sepsis in Pregnancy. *Am J Obstet Gynecol. In press.*

OTHER PEER-REVIEWED PUBLICATIONS

1. **Anderson BL**, Cu-Uvin S. Determinants of HIV Shedding in the Lower Genital Tract of Women. *Current Infectious Disease Reports* 2008;10(6):505-11.
2. **Anderson BL**, Cu-Uvin S. Pregnancy and optimal management of HIV-infected patients. *Clin Infect Dis.* 2009; 48: 449-455.
3. **Anderson BL**, Cu-Uvin S. Clinical parameters essential to methodology and interpretation of mucosal responses. *Am J Reprod Immunol.* 2011 Mar; 65(3):352-60. PMID: 21223419.
4. Mendez-Figueroa H, **Anderson BL**. Vaginal Innate Immunity: Alteration during Pregnancy and its Impact on Pregnancy Outcomes. *Expert review of Obstetrics & Gynecology*, 2011 Nov; 6(6): 629-641.
5. Johnson JM, **Anderson BL**. Cytomegalovirus: Should we screen pregnant women for primary infection? *Am J Perinatol*; 2013 Feb; 30(2):121-4. PMID: 23292913 [PubMed - in process]
6. Hamel M, **Anderson BL**, Rouse DJ. Oxygen for intrauterine resuscitation: Of unproved benefit and potentially harmful. *Am J Obstet Gynecol. In press.*
7. **Anderson BL**. Clinical Expert Series: Puerperal Group A Streptococcal Infection: Beyond Semmelweis. *Obstet Gynecol. In press.*

BOOKS AND BOOK CHAPTERS

1. **Anderson BL**, Gaitanis M, Sessler D. Nonviral infectious diseases. In: deSwiet's Medical Disorders in Obstetric Practice 5th edition, Publishers: Blackwell Science, Oxford UK. Powrie RO, Greene MF, Camann W (ed.), July, 2010.
2. **Anderson BL**, Gonik B. Perinatal Infections. In: 9th ed. Fanaroff & Martin's Neonatal-Perinatal Medicine. Fanaroff, Martin and Walsh (ed.), 2010.
3. Johnson JM, **Anderson BL**. Infections in Pregnant Women. In: Angelini D and LaFontaine D, eds. *Obstetric Triage and Emergency Care Protocols*. Springer Publishers: New York City, June 2012.

OTHER NON-PEER-REVIEWED PUBLICATIONS

1. **Anderson BL**, Cu-Uvin S. Topic Review: Antiretroviral therapy for the pregnant HIV-infected patient in resource-rich settings, *UptoDate®*; February 17, 2011.
2. **Anderson BL**, Cu-Uvin S. Topic Review: Antepartum evaluation of the HIV-infected patient in resource-rich settings, *UptoDate®*; February 15, 2011.
3. **Anderson BL**, Rouse DJ, Letter to the Editor: Primary maternal CMV infection during pregnancy: Do we have a treatment option? *Clin Infect Dis.* 2012 Aug 8. [Epub ahead of

print]; PMID: 22828594

4. Johnson J, **Anderson BL**, Pass RF. Prevention of Maternal and Congenital Cytomegalovirus Infection. *Clinical Obstetrics & Gynecology*. 55(2):521-530, June 2012.

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. **Anderson BL** on behalf of the Maternal Fetal Medicine Units Network, HOMA-IR is not a useful screening tool for peripartum infection. In preparation.
2. **Anderson BL** on behalf of the SMFM Publications Committee, Screening and management for congenital cytomegalovirus (CMV) infection: Are we there yet? Submitted to Publications Committee.
3. Dutt R, Raker C, **Anderson BL**. Ethnic Variations in Cervical Cytokine Concentrations and Vaginal Flora during Pregnancy. In preparation.

ABSTRACTS

1. **Anderson BL**, Simhan HN, Landers DV. Improving universal prenatal screening for Human Immunodeficiency Virus. *Infect. Dis. Obstet. Gynecol*. 2004 Sep-Dec; 12(3-4): 186. Poster presentation at August, 2003 Annual Meeting of Infectious Diseases Society for Obstetrics and Gynecology, Hyannis, MA.
2. **Anderson BL**, Simhan HN, Wiesenfeld HC, Heine RP, Krohn MA, Landers DV, Caritis SN, de Tejada BM, Hillier SL. Asymptomatic trichomoniasis during pregnancy is associated with vaginal neutrophil activation. *Infect. Dis. Obstet. Gynecol*. 2005 June; 13(2): 120. Oral presentation at August, 2004 Annual Meeting of Infectious Diseases Society for Obstetrics and Gynecology, San Diego, CA.
3. **Anderson BL**, Sherman FS, Simhan HN. Fetal echocardiographic findings are not predictive of death in twin-twin transfusion syndrome. *Am J Obstet Gynecol*. 2004 Dec; 191(6): S147. Poster presentation at February, 2005 Annual Meeting of Society for Maternal Fetal Medicine, Reno, NV.
4. **Anderson BL**, Nau GJ, Simhan HN. Vertebral abscess in pregnancy: a case report. Poster presentation at August, 2005 Annual Meeting of Infectious Diseases Society for Obstetrics and Gynecology, Charleston, SC.
5. **Anderson BL**, Cosentino LA, Hillier SL. Systemic inflammatory response to sexually transmitted infection in pregnancy. Oral presentation at August, 2005 Annual Meeting of Infectious Diseases Society for Obstetrics and Gynecology.
6. **Anderson BL**, Simons KM, Simhan HN, Wiesenfeld HC. Untreated asymptomatic Group B Streptococcal (GBS) bacteriuria early in pregnancy is associated with chorioamnionitis. *J Soc Gynecol Investig*. 2006, Feb; 13(2) Suppl, 325A-326A. Poster presentation at March, 2006 Annual Meeting for the Society for Gynecologic Investigation, Toronto, ON.
7. Savage AH, **Anderson BL**, Simhan HN. Effect of antenatal indomethacin therapy on fetal ductus arteriosus and amniotic fluid volume. *Am J Obstet Gynecol* 2006, Dec;195(6) S234. Poster presentation at February, 2007 Annual Meeting for the Society for Maternal Fetal Medicine, San Francisco, CA.
8. **Anderson BL**, Simhan HN, Simons KM, Wiesenfeld HC. Additional antibiotic use and preterm birth among women with Group B Streptococcal bacteriuria *Am J Obstet Gynecol* 2006, Dec;195(6) S40. Poster presentation at February, 2007 Annual Meeting for the Society for

Maternal Fetal Medicine, San Francisco, CA.

9. **Anderson BL**, DeLong AK, Liu T, Wang CC, Kurpewski J, Cu-Uvin SC. Association between genital tract white blood cells and viral shedding among HIV-infected women in the absence of genital infections. Oral Presentation at August, 2007 Annual Meeting of Infectious Diseases Society for Obstetrics and Gynecology, Boston, MA.
10. Jayakrishnan A, Vrees R, **Anderson BL**. Varicella zoster meningitis in a pregnant woman with Human Immunodeficiency Virus. Poster presentation at August, 2007 Annual Meeting of Infectious Diseases Society for Obstetrics and Gynecology, Boston, MA.
11. **Anderson BL**, DeLong AK, Liu T, Wang CC, Kurpewski J, Cu-Uvin S. Association between genital tract white blood cells and viral shedding among HIV-infected women in the absence of genital infections. Poster presentation at the 45th Annual Meeting of the Infectious Diseases Society of America, San Diego, CA October, 2007.
12. Wang CC, Liu T, **Anderson BL**, DeLong AK, Chapman S, Kurpewski J, Ingersoll J, Caliendo AM, Cu-Uvin SC. Association between genital tract HIV-1 RNA shedding and mucosal inflammation among women on effective ART with undetectable plasma viral load. Accepted for poster presentation at the 15th Annual Conference on Retroviruses and Opportunistic Infections (CROI), February, 2008, Boston, MA.
13. Friedman A, Young E, Raker C, **Anderson B**. Recurrent and single-episode pyelonephritis during pregnancy: a case-control study. Poster presentation at the 56th Annual Clinical Meeting of the American College of Obstetrics and Gynecology (ACOG), New Orleans, LA, May, 2008.
14. Rodriguez E, Paglia M, **Anderson, BL**. Assessment of the need for rapid Group B Streptococcus testing during labor and delivery. Poster presentation at the 35th Annual Scientific Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, August, 2008 Seattle, Washington.
15. Friedman A, Raker C, Phipps M, **Anderson BL**. Pyelonephritis in pregnancy as a prevention quality indicator for quality of prenatal care. Oral presentation at the 35th Annual Scientific Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, August, 2008 Seattle, Washington.
16. **Anderson BL**, Hillier SL, Allard D, Belosloutseva N, Cu-Uvin S. High prevalence of *Ureaplasma urealyticum* vaginal colonization among low-risk pregnant and non-pregnant women. Poster presentation at the 35th Annual Scientific Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, August, 2008 Seattle, Washington.
17. Dinsmoor MJ, Rouse DJ, **Anderson BL**, Saade G. A proposed randomized controlled trial of maternal hyperimmune globulin to prevent fetal infection. Oral presentation at the International Congenital CMV Conference, November, 2008 Atlanta, GA.
18. Archabald K, Friedman A, Aneja S, Raker C, **Anderson, B**. Impact of trimester on morbidity of acute pyelonephritis in pregnancy. American Journal of Obstetrics and Gynecology 2008;199(6, Supplement 1):S145-S.
19. Broughton D, Raker C, Beigi R, **Anderson B**. Exploring Non-Physician Healthcare Provider Knowledge of Influenza in Pregnancy. Poster presentation at the ACOG Annual Clinical Meeting, May, 2009, Chicago, IL.
20. **Anderson BL**, Cu-Uvin S, Raker C, Hillier SL. Subtle Perturbations of Genital Microflora Alter Immunity Among Low Risk Pregnant Women. Oral presentation at the 36th Annual Scientific Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, August, 2009, Montreal, CA.

21. McDonnold MA, Friedman A, Raker C, **Anderson BL**. First Trimester Pyelonephritis is Primarily Associated with Lack of Prenatal Care. Oral presentation at the 36th Annual Scientific Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, August, 2009, Montreal, CA.
22. Kassis N, Jayakrishnan A, Sprawka N, Cu-Uvin S, **Anderson BL**. Hepatotoxicity and Metabolic Acidosis Manifested as Non-Reassuring Fetal Testing in a Pregnant Woman on Antiretroviral Therapy. Poster presentation at the 36th Annual Scientific Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, August, 2009, Montreal, CA.
23. **Anderson BL**, Hillier SL, Raker C, Fitzsimmons C, Cu-Uvin S. Maternal inflammatory mediators are increased as early as the first trimester in low risk pregnancies. Poster presentation at the 30th Annual Meeting of the Society for Maternal Fetal Medicine, February, 2010, Chicago, IL. American Journal of Obstetrics and Gynecology 2009;201(6, Supplement 1):S231.
24. Johnson JM, **Anderson BL**. Mersilene Versus Ethibond Suture Efficacy and Cerclage. Poster presentation at the 30th Annual Meeting of the Society for Maternal Fetal Medicine, February, 2010, Chicago, IL. American Journal of Obstetrics and Gynecology 2009;201(6, Supplement 1):S244.
25. Johnson JM, **Anderson BL**, Raker C, Wenstrom KD. Timing of delivery with placenta previa: maternal and neonatal outcomes. Poster presentation at the 30th Annual Meeting of the Society for Maternal Fetal Medicine, February, 2010, Chicago, IL. American Journal of Obstetrics and Gynecology 2009;201(6, Supplement 1):S74.
26. Johnson JM, **Anderson BL**, Raker C, Wenstrom KD. Elective Inductions at Term and Adverse Neonatal Outcomes. Poster presentation at the 30th Annual Meeting of the Society for Maternal Fetal Medicine, February, 2010, Chicago, IL. American Journal of Obstetrics and Gynecology 2009;201(6, Supplement 1):S124-5.
27. **Anderson BL**, Wira CR, Fitzsimmons C, Ghosh M, Fahey J, Cu-Uvin S. Cervicovaginal fluid from pregnant and non-pregnant women suppresses HIV infectivity in an in vitro model. Oral presentation at the 30th Annual Meeting of the Society for Maternal Fetal Medicine, February, 2010, Chicago, IL. American Journal of Obstetrics and Gynecology 2009;201(6, Supplement 1):S43.
28. Matteson KA, McMahon M, Sung VW, **Anderson BL**, Raker CA, Phipps MG. Development and evaluation of a formal research curriculum for obstetrics and gynecology residents. Poster presentation at the 2010 APGO CREOG Annual Meeting, March, 2010, Orlando, FL.
29. **Anderson BL** for the Eunice Kennedy Shriver National Institute of Child Health and Human Development, Maternal Fetal Medicine Units Network. The impact of antibiotic therapy on vaginal flora among women with a positive fetal fibronectin. Poster presentation at the 57th Annual Meeting of the Society for Gynecologic Investigation, March, 2010, Orlando, FL.
30. McDonnold MA, Friedman A, Raker C, **Anderson B**. Morbidity Associated with Postpartum Pyelonephritis as Compared to an Antepartum Population. Poster presentation for the 58th annual clinical meeting of the American Congress of Obstetricians and Gynecologists, May, 2010, San Francisco, CA.
31. **Anderson BL**, Rouse DJ, Fitzsimmons C. Clinical Characteristics of Pregnant Women with 2009 H1N1 Influenza. Poster presentation at the 37th Annual Meeting for the Infectious Disease Society for Obstetrics and Gynecology, Santa Fe, NM, August, 2010.
32. **Anderson BL**, Firnhaber C, Liu T, Swarts A, Siminaya M, Cu-Uvin S. Self-Collected Vaginal Swabs for Trichomoniasis Testing in HIV-infected Women in South Africa. Poster presentation at

- the 37th Annual Meeting for the Infectious Disease Society for Obstetrics and Gynecology, Santa Fe, NM, August, 2010.
33. **Anderson BL**, Wira CR, Fitzsimmons C, Ghosh M, Fahey J, Cu-Uvin S. Cervicovaginal Fluid from Third Trimester Pregnant and Non-Pregnant Women Suppresses HIV Infectivity in an In Vitro Model. Poster presentation at the 37th Annual Meeting for the Infectious Disease Society for Obstetrics and Gynecology, Santa Fe, NM, August, 2010.
 34. Archabald K, Lopes V, Raker C, **Anderson BL**. Anemia and chorioamnionitis at term. Poster presentation at the 31st Annual Meeting of the Society for Maternal Fetal Medicine, February, 2011, San Francisco, CA, Am J Obstet Gynecol, 2011; 204 (1 S1): S251-2.
 35. **Anderson BL**, Firnhaber C, Liu T, Swarts A, Siminaya M, Ingersoll J, Caliendo A, Cu-Uvin S. Effect of trichomoniasis therapy on genital HIV viral burden among African women. Accepted for poster presentation, Poster presentation at the 18th Annual Conference on Retroviruses and Opportunistic Infections, Boston, MA, March 1, 2011.
 36. **Anderson BL**, Raker C, Cu-Uvin S, Hillier SL. Pregnancy Mediated Changes in Vaginal Microflora. Oral presentation at the 38th Annual Meeting for the Infectious Disease Society for Obstetrics and Gynecology, Chicago, IL, August 2011.
 37. **Anderson BL**, Paglia MJ, Wira CR, Raker C, Ghosh M, Fahey J, Cu-Uvin S. Genital Leukocytes and HIV Infectivity in Pregnancy. Oral presentation at the 38th Annual Meeting for the Infectious Disease Society for Obstetrics and Gynecology, Chicago, IL, August 2011.
 38. **Anderson BL**, Raker C, Hillier SL, Cu-Uvin S. Pregnancy and Changes in Local and Systemic Immune Markers. Poster presentation at the 38th Annual Meeting for the Infectious Disease Society for Obstetrics and Gynecology, Chicago, IL, August 2011.
 39. Starikov R, Lopes V, Inman K, Rouse DJ, **Anderson BL**, Chen K, He M. Association of early pregnancy hemoglobin A1c with placental lesions in diabetic pregnancy. Poster presentation at the 33rd annual meeting of the Society for Maternal Fetal Medicine. Am J Obstet Gynecol, 2013; 208(1): S311.
 40. Starikov R, Lopes V, Inman K, Rouse DJ, **Anderson BL**, Chen K, He M. Placental histopathological changes and adverse pregnancy outcome among diabetic gravidas. Poster presentation at the 33rd annual meeting of the Society for Maternal Fetal Medicine. Am J Obstet Gynecol, 2013; 208(1): S311.
 41. **Anderson BL**, Dutt R, Raker C. Racial differences in vaginal flora and cytokine concentrations during pregnancy. Poster presentation at the 33rd annual meeting of the Society for Maternal Fetal Medicine. Am J Obstet Gynecol, 2013; 208(1): S312.
 42. **Anderson BL** on behalf of the Maternal Fetal Medicine Units Network, HOMA-IR is not a useful screening tool for peripartum infection. Oral presentation at the 40th Annual Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, Santa Ana Pueblo NM, August 10, 2013.
 43. Albright C, Ali T, Lopes V, Rouse DJ, **Anderson BL**. The Sepsis in Obstetrics Score (SOS): A Model for Predicting Morbidity from Sepsis in Pregnancy. Oral presentation at the 40th Annual Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, Santa Ana Pueblo NM, August 10, 2013.
 44. Albright C, Ali T, Lopes V, Rouse DJ, **Anderson BL**. Lactic acid measurement to identify risk of morbidity in pregnancy. Poster presentation at the 34th annual meeting of the Society for Maternal Fetal Medicine. Am J Obstet Gynecol, 2014; 210(1): S281.

INVITED PRESENTATIONS

REGIONAL

1. University of Pittsburgh, Department of Obstetrics and Gynecology Grand Rounds, "Intrauterine Fetal Demise: Diagnosis and Management" July 23, 2002
2. University of Pittsburgh, Department of Obstetrics and Gynecology Resident Research Day. "Improving Universal Screening for HIV in Pregnancy" June 6, 2003
3. University of Pittsburgh, Department of Obstetrics and Gynecology Grand Rounds, "Diagnosis and Management of HIV-1 in Pregnancy" March 22, 2005
4. Brown University, Department of Obstetrics and Gynecology, Maternal Fetal Medicine Conference, "Diagnosis and Management of HIV-1 in Pregnancy" October, 2005
5. University of Pittsburgh, Division of Infectious Disease, Department of Medicine HIV Morbidity and Mortality Conference, "Diagnosis and Management of HIV-1 in Pregnancy" November 30, 2005
6. American College of Obstetrics and Gynecology District 1 Annual Meeting, Newport, RI. "Management of Preterm Labor" September 28, 2007
7. 31st annual Current Concepts Presents: Issues in Perinatal & Neonatal Care, Warwick, RI "Diagnosis and Management of HIV-1 in Pregnancy" May 14, 2008
8. Brown/Lifespan Center for AIDS Research, Research in Progress Seminar, Miriam Hospital, Providence, RI, "Genital tract inflammation and HIV shedding" May 23, 2008
9. Women & Infant's Hospital, Department of Obstetrics and Gynecology Grand Rounds, "Hot Topics in Reproductive Infectious Diseases" July 16, 2009
10. RI Association of Nurses in AIDS Care, 6th Annual Teaching Day, Warwick, RI, "Diagnosis and Management of HIV-1 in Pregnancy" September 25, 2009
11. Women & Infant's Hospital Board of Trustees, "Preparedness for pandemic influenza at Women & Infant's Hospital" September 29, 2009
12. Women & Infant's Hospital Quality Forum, "Case presentation-peripheral line infection" December 9, 2009
13. Women & Infant's Hospital Union H1N1 Preparedness Day, "Preparedness for pandemic influenza at Women & Infant's Hospital" December 10, 2009.
14. The Miriam Hospital, Division of Infectious Diseases, Department of Medicine Grand Rounds, "Diagnosis and Management of HIV-1 Infection in Pregnancy" October 22, 2010.
15. Women & Infant's Hospital, Department of Obstetrics and Gynecology Grand Rounds, "Third trimester testing for HIV" and "Congenital Cytomegalovirus Infection" August 3, 2012
16. Boston Obstetrical Society Meeting, "Update on Perinatal Infections" Boston, MA, January 27, 2014.

NATIONAL

1. Invited faculty in High Risk Obstetric Anesthesia Workshop, 2005 SMFM Annual Meeting, Reno,

NV, February, 2005

2. Society for Maternal Fetal Medicine, Infectious Disease Special Interest Group, "Diagnostic Amniocentesis for Preterm Labor and Preterm PROM: A Debate, PRO." February 7, 2007
3. Hartford Hospital Obstetrics and Gynecology Grand Rounds, Hartford, CT, "Management of Preterm Labor" April 3, 2008
4. Society for Maternal Fetal Medicine, Infectious Disease and Inflammation Special Interest Group, Leader, 2009-2010.
5. Work-in-progress Seminar, Cervicovaginal fluid from pregnant and non-pregnant women and in vitro HIV suppression, Dartmouth Medical Center, Laboratory of Charles R. Wira, PhD, January 6, 2010
6. Invited participant in National Institute of Allergy and Infectious Diseases, Division of Acquired Immunodeficiency Syndrome meeting, "Mucosal Immunity in the Male and Female Reproductive Tract", Dartmouth Hitchcock Medical Center, Lebanon, NH, June 30-July 2, 2010.
7. Society for Maternal Fetal Medicine, 31st Annual Meeting, San Francisco, CA, Infectious Disease Special Interest Group, "HIV-1 in Pregnancy; Screening and Management Update", February 9, 2011.
8. University of Texas, Houston, Ob/Gyn Grand Rounds, Houston, Texas, "CMV, the most common congenital infection you never think about", May 24, 2011.
9. Invited participant in the Eunice Kennedy Shriver National Institute of Child Health and Human Development Scientific Vision Process workshop, "Finale Conference—NICHD: Bringing the Vision Together", Leesburg, VA, June 23-24, 2011.
10. Moderator, oral presentation session 5. 38th Annual Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, Chicago, IL, August 13, 2011.
11. Course co-director for the Infectious Diseases Course at the 32nd Annual Meeting of the Society for Maternal Fetal Medicine, Dallas, TX, February 8, 2012.
12. Moderator for mini-symposium, "Women and Children's Health: A Global Perspective". 59th Annual Meeting of the Society for Gynecologic Investigation, San Diego, CA, March 22, 2012.
13. Invited speaker, "Update on Perinatal Infections" American College for Obstetrics and Gynecology 61st Annual Clinical Meeting, New Orleans, LA, May, 2013.

RESEARCH

1. Irene McLenahan Young Investigators Research Grant
"Response of Inflammatory Mediators to Treatment of T. vaginalis in Pregnancy"
Role: Principal Investigator
Funded: January, 2004-December, 2005
2. Brown University/WRHR career development program
Principal Investigator: Donald R. Coustan, M.D.
K12 HD050108
Funding agency: NIH/NICHD
Role: Scholar
Funded: July 1, 2006-August 9, 2009

3. Center for AIDS Research (CFAR) Developmental Award
“Effect of trichomonas therapy on genital HIV viral burden among African Women”
Funding Agency: Lifespan/Tufts/Brown Center for AIDS Research
Role: Principal Investigator
Amount: \$40,000
Funded: March 1, 2008-2010
4. K23 Mentored Patient-Oriented Career Development Award
“The role of mucosal immunity in risk of HIV acquisition during pregnancy”
1 K23 HD062340-01
Funding agency: NIH/NICHD
Role: Principal investigator
Funded: August 10, 2009-2014
5. Cooperative Multicenter Maternal Fetal Medicine Units Network
Principal investigator: Dwight J. Rouse, M.D.
PHS#5-U10- HD40500-05
Funding agency: NIH/NICHD
Role: Alternate Principal Investigator (Effective 9/1/09)
Funded: 9/6/05-
6. Maternal Fetal Medicine Units Network of the Eunice Kennedy Shriver NICHD Protocol
“A Registry Study of Novel Swine-Origin H1N1 Influenza A Virus Among Hospitalized Pregnant and Immediately Postpartum Women”
Funding agency: NIH/NICHD
Principal Investigator: Michael Varner
Role: Co-investigator
Funded: October 1, 2009-June, 2011
7. Maternal Fetal Medicine Units Network of the *Eunice Kennedy Shriver* NICHD Protocol
“Preventing acquisition of congenital cytomegalovirus”
Role: Study chair
Estimated Budget: \$25,000,000
Funded: March, 2012-2017
8. Maternal Fetal Medicine Units Network of the *Eunice Kennedy Shriver* NICHD Protocol
“An Observational Study of Hepatitis C Virus in Pregnancy”
Role: Sub-committee member
Funded: June, 2012-
9. Centers for Disease Control and Prevention & National Center on Birth Defects and Developmental Disabilities
“Clinical Trial of Behavioral Modification to Prevent Congenital Cytomegalovirus”
1U01DD000921-01
Role: Principal Investigator
Budget \$500,000
Funded: September 28, 2012-2014

UNIVERSITY AND HOSPITAL TEACHING ROLES

1997-1998 Brown University School of Medicine Private/Dean’s Office Tutor Pathology

1997-1998 Brown University School of Medicine Private/Dean’s Office Tutor Physiology

1997 Brown University Teaching Assistant Human Physiology for non-science majors

1999 Brown University School of Medicine Dean's Office Tutor USMLE Step 1

Fall, 2003 Lecture, University of Pittsburgh, Department of Obstetrics and Gynecology High Risk Obstetrics Conference. "TORCH Infections"

January 26, 2004 Lecture, University of Pittsburgh, Department of Obstetrics and Gynecology Infectious Diseases Seminar. "Everything you ever wanted to know about bacteriuria in pregnancy...and more"

March 8, 2004 Lecture, University of Pittsburgh, Department of Obstetrics and Gynecology Infectious Diseases Seminar. "Varicella-zoster infection in Pregnancy"

Spring, 2004 Lecture, University of Pittsburgh, Department of Obstetrics and Gynecology High Risk Obstetrics Conference. "Sepsis/ARDS in the Puerperium"

Spring, 2004 Lecture, University of Pittsburgh, Department of Obstetrics and Gynecology High Risk Obstetrics Conference. "Delayed Interval Delivery in Multiple Gestation"

August 2, 2004 Lecture, University of Pittsburgh, Department of Obstetrics and Gynecology Infectious Diseases Seminar. "Trichomonas vaginalis in pregnancy: The forgotten pathogen"

September 17, 2004 Lecture, University of Pittsburgh, Department of Obstetrics and Gynecology Intern Lecture Series. "STDs in Pregnancy"

2004-2006 Instructor University of Pittsburgh Integrated Life Sciences Course, Infectious Diseases in Obstetrics and Gynecology, Fourth year medical students. Led 2 small group sessions per semester.

2006- Faculty consultant, Journal club, Department of Obstetrics and Gynecology, Brown Medical School (Monthly sessions)

2006- Lecturer, Department of Obstetrics and Gynecology, Resident Core Curriculum, Women & Infants/Alpert Medical School of Brown University (2-3 sessions per year) Topics include infectious diseases in pregnancy, preterm labor management, management of HIV in pregnancy, and premature rupture of membranes.

2006- Lecturer, Department of Obstetrics and Gynecology, MFM Fellows Lecture Series, Women & Infants/Alpert Medical School of Brown University (5-6 sessions per year)

2006- Co-course director, Research curriculum for Obstetrics and Gynecology Residents. Developed research curriculum with lectures and journal article reviews given twice a month over a two-year cycle. Topics include literature searches and randomized clinical trials.

2007- Lecturer, Annual Fellow's Workshop in Clinical Research Design, Women & Infants/Alpert Medical School of Brown University, "Clinical Trials".

2007-2010 Preceptor, two students per year, Third year Medical Student Core Clerkship, Alpert Medical School of Brown University

TEACHING & RESEARCH SETTINGS

Spring, 2005	Mentor to Kathryn Simons, MD for Resident Research Project	Weekly meetings to prepare for presentation on Resident Research Day Magee-Womens Hospital, June 3, 2005. Resulted in 2 poster presentations and 2 publications.
Spring, 2006	Mentor to Ashlynn Savage, MD for Resident Research Project	Weekly meetings to prepare for presentation on Resident Research Day Magee-Womens Hospital, June 9, 2006. Resulted in poster presentation and publication.
2006-2009	Mentor to Alexander Friedman, MD for Resident Research Project	Monthly meetings to develop IRB proposal and discuss research progress. Presented at Resident Research Day, 2008. Resulted in 1 poster and 1 oral presentation. Manuscript published.
2007-2010	Mentor to Elizabeth Rodriguez for Summer Research Assistantship through Brown University	Monthly to daily meetings for development of IRB proposal, study design, and completion of chart review. Resulted in 1 poster presentation. Manuscript published.
2008-2011	Mentor to Darcy Broughton for Brown Medical School "Women's Reproductive Health, Freedom and Rights scholarly concentration"	Monthly to daily meetings for development of IRB proposal, study design, and execution of survey study. Resulted in poster presentation. Manuscript published.
2008-	Mentor to Karen Archabald, MD for Resident research	Monthly meetings for secondary analysis development, development of retrospective review project. Resulted in poster presentation. Manuscript published.

2009-	Mentor to Julie Johnson, MD for fellowship research project	Monthly meetings for protocol development, implementation, and results analysis of retrospective chart review study. Poster presentation. Manuscript submitted.
2011-	Mentor to Cat Albright, MD for resident research project	Weekly contact for protocol development. Oral presentation at IDSOG. Manuscript submitted.
2012-	Mentor to Andrea Rollins, MD for resident research project	Weekly contact for protocol development
2012-	Mentor to Alex Mainiero, MD for resident research project	Weekly contact for protocol development
2013-	Mentor to Danielle Dray, MD for resident research project	Weekly contact for protocol development
2013-	Mentor to Leanna Sudhoff, MD for resident research project	Weekly contact for protocol development
2013-	Mentor to Lindsay Maggio, MD for fellowship research project	Weekly meetings for protocol development