

CURRICULUM VITAE

Name: Christopher Joe Robinson, MD

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Education:

Institution/Location	Years	Degree/Date	Field of Study
Erskine College / Due West, SC	1992-96	BS / 06/1996	Chemistry/Biology
Medical University of South Carolina	1996-00	MD / 05/2000	Medicine

Internship:

Obstetrics and Gynecology Medical University of South Carolina 7/2000 - 6/2001

Residencies or Post Doctoral:

Obstetrics and Gynecology Medical University of South Carolina 7/2001-6/2004

Fellowship:

Maternal Fetal Medicine, Medical University of South Carolina 7/2004 – 6/2007

Specialty/Board Certification:

Diplomat of the American Board of Obstetrics and Gynecology	Date: 1/2006 - 12/2011
Maternal Fetal Medicine Written Exam Passed	7/2007
Maternal Fetal Medicine Oral Exam Scheduled	4/2009

Licensure: South Carolina
 South Dakota
 Wisconsin
 Georgia

Date: 1/2002 to current
Date: 1/2006 to current
Date: 5/2006 to current
Date: 5/2007 to current

Faculty Appointments:

Years	Rank	Institution	Department
2007-current	Assistant Professor	MUSC	Obstetrics/Gynecology
2004-2007	Instructor	MUSC	Obstetrics/Gynecology

Administrative Appointments:

Years	Position	Institution	Department
2004-current	Medicine Admissions Committee	MUSC	OB/GYN
2003-2004	Morbidity and Mortality Conference	MUSC	OB/GYN
2003-2004	Clinical Efficacy Committee	MUSC	University-wide

Hospital Appointments/Privileges:

Years	Active/Inactive	Institution
2007-current	Active	Phoebe Putney Medical Center, GA
2006-current	Active	Avera McKennan University Hospital, SD
2006-current	Active	Colleton Medical Center, SC
2006-current	Locums	Hilton Head Regional Medical Center, SC
2006-current	Locums	Greenville University Hospital System, SC
2006-current	Active	St. Francis Bon Secours Greenville, SC
2000-current	Active	Medical University of South Carolina, SC
2000-current	Active	Charleston Memorial Hospital, SC
2000-current	Active	Ralph H. Johnson Veteran's Administration, SC

Membership in professional/scientific societies:

National Societies

Diplomat of the American Board of Obstetrics and Gynecology
Fellow of the American College of Obstetrics and Gynecology
Society of Maternal Fetal Medicine - Associate Member
Society for Gynecologic Investigation – Member
South Atlantic Association of Obstetricians and Gynecologists
American Institute for Ultrasound in Medicine – Associate Member
Alpha Omega Alpha

Local Societies

South Carolina Alpha Chapter, Alpha Omega Alpha
South Carolina Medical Association
South Carolina Obstetrics and Gynecology Association
South Dakota Medical Association
THEGOS Society
Charleston Medical Society
Phi Chi Medical Society

Editorial Positions:

Peer reviewer for American Journal of Medical Sciences (2007 – current)
Peer reviewer for Journal of Proteome Research / ACS (2006-current)
Peer reviewer for American Journal of Obstetrics and Gynecology (2004-current)

Extramural Grants (current and past):

1. PI: Christopher Robinson, M.D. (LRP) (100%)
Title: NIH Extramural Loan Repayment Program
Sponsor: NIH/NICHD
Project Dates: From 7/01/08 to 6/31/10
2. PI: Christopher J. Robinson, M.D.
Title: Alterations in the Plasma Proteome of Early-Onset, Severe Preeclampsia / \$367,500
Sponsor: Medical University of South Carolina CTSA – K12/U30
Project Dates: From 8/1/07 to 7/31/10
3. PI: Jonas Almeida, Ph.D. / Christopher Robinson, M.D. (100% as trainee)
Title: Training of Toolmakers for Bio-Medical Informatics; Prediction of Preeclampsia / \$82,500
Sponsor: NIH/NLM - 5T15LM007438
Project Dates: From 08/01/05 to 07/31/06
4. PI: Christopher Robinson, M.D. (LRP) (100%)
Title: NIH Extramural Loan Repayment Program
Sponsor: NIH/NICHD
Project Dates: From 7/01/05 to 6/31/07

As Co-Investigator (% time)

5. PI: Donna Johnson, M.D. (Assistant Christopher Robinson, M.D. – 10%)
 Angiogenic & Permeability Growth Factors in Preeclampsia
 Sponsor: NIH/NICHD - 1R03HD041031
 Project Dates: From: 08/28/01 to 06/30/04

6. PI: Kevin Schey, Ph.D. (Co-PI: Christopher Robinson, M.D. – 10%)
 Title: Cytotrophoblast differentiation and placental angiogenesis in preeclampsia.
 Instrumentation Grant (\$650,000)
 Sponsor: NIH/NCI – 1S10RR022591-01
 Project Dates: 5/01/06 to 4/30/07

Intramural Grants/amount of award:

1. University Research Committee Award / \$2000
2. PI: Christopher J. Robinson, M.D.
 Title: Serum Proteomic Investigation of Preeclampsia / 14,500
 Sponsor: Medical University of South Carolina University Research Grant
 Project Dates: From 01/01/05 to 07/01/07

Awards, Honors, Membership in Honorary Societies:

NICHD 19th Annual Aspen Conference Attendee, 2007
 First Place Award – MUSC University Research Day, 2006
 Young Investigator Award, Perinatal Research Society, 2006
 International Society for the Study of Hypertension in Pregnancy Young Investigator Award, 2006.
 SCIOS Young Investigator Award Travel Grant, 2006.
 First Place Award – MUSC University Research Day, 2005.
 Alpha Omega Alpha, 2004.
 Society for Maternal-Fetal Medicine Excellence in Research Award, 2004.
 First Place Award – MUSC University Research Day, 2004.
 International Society for the Study of Hypertension in Pregnancy Young Investigator Award, 2004.
 Annual Departmental Resident Research Award, 2003.
 First Place Research Award - South Carolina Obstetrics and Gynecology Society, 2003.
 Annual Departmental Resident Research Award, 2003.
 MUSC Obstetrics and Gynecology Departmental Research Day Award, 2003.
 First Place Award - MUSC University Research Day, 2002.
 First Place Research Award - South Carolina Obstetrics and Gynecology Society, 2002.
 MUSC Obstetrics and Gynecology Departmental Research Day Award, 2002.
 Resident Teaching Award - June, 2002
 Resident Teaching Award - August, 2001
 Resident Teaching Award - December, 2000
 Second Place Award - MUSC University Research Day, 1997.
 Student Research Award presented by the American Society for Clinical Investigation for oral presentation of "Renal Resistance to Mineralocorticoids in Wistar-Furth Rats," 1996.
 First Place Research Award - MUSC University Research Day, 1995.

Academic Committee Activities

College of Medicine Admissions Committee Member, 2005-current

Major Teaching Responsibilities:

Undergraduate Medical Education
Medical Student Clinical Education - teaching rounds and lectures
Graduate Medical Education – resident training
Graduate Studies Education –
 Perinatal Conference
 Grand Rounds quarterly
 Fellows Conference weekly

Major Clinical Interests and Responsibilities:

1. Biomarker discovery in preeclampsia
2. Serum and urine based proteomics in preeclampsia
3. Advanced mathematical modeling of disease in obstetrics
4. Lupus in pregnancy

Lectures and Presentations

Invited lectures and presentations

- 4/2008 Second Annual Leiomyomata Symposium, Charleston, SC. "Angiogenesis in Leiomyomata".
- 2/2008 MUSC Department of Rheumatology Grand Rounds, Charleston, SC. "Antiphospholipid Antibody Syndrome from the Obstetrical View."
- 1/2008 South Atlantic Association of Obstetricians and Gynecologists, Sarasota, FL. "Prediction of pelvic organ prolapsed using an artificial neural network."
- 7/2007 MUSC Department of Obstetrics and Gynecology Grand Rounds, Charleston, SC. "Preeclampsia: Future Risk and Therapy."
- 6/2007 THEGOS Society, Charleston, SC. "Future risks after preeclampsia."
- 2/2007 Society of Maternal Fetal Medicine, San Francisco, CA. "Hepatocyte growth factor as a second trimester marker of preeclampsia."
- 7/2006 International Society for the Study of Hypertension in Pregnancy, Lisbon, Portugal. "Soluble endoglin (CD105) as a second trimester marker of preeclampsia." – Oral Plenary.
- 7/2006 International Society for the Study of Hypertension in Pregnancy, Lisbon, Portugal. "Leptin as a second trimester marker for preeclampsia."
- 7/2006 International Society for the Study of Hypertension in Pregnancy, Lisbon, Portugal. "Artificial neural network for the second trimester prediction of preeclampsia."
- 6/2006 National Library of Medicine Informatics Conference, Nashville, TN. "A novel artificial neural network for the prediction of preeclampsia."
- 6/2006 MUSC Department of Anesthesia Grand Rounds, Charleston, SC. "Trauma in Pregnancy."
- 6/2006 THEGOS Society, Charleston, SC. "Modern management of an old problem: Postdates pregnancy."
- 5/2006 MUSC Department of Obstetrics and Gynecology Grand Rounds, Charleston, SC. "Proteomics in Obstetrics: Use and Analysis."
- 4/2006 Pee Dee Perinatal Outreach Day, Florence, SC. "What's new in preeclampsia?"
- 3/2006 Society for Gynecologic Investigation, Toronto, Canada. "Second trimester prediction of preeclampsia using an artificial neural network."
- 3/2006 MUSC Department of Obstetrics and Gynecology Grand Rounds, Charleston, SC. "Contemporary management of postterm pregnancy."
- 2/2006 Avera Healthcare Perinatal Grand Rounds, Sioux Falls, SD. "Update in the management of postterm pregnancy: Improving maternal-fetal outcomes."
- 2/2006 Society of Maternal Fetal Medicine, Miami, FL. "Leptin as a second trimester marker for preeclampsia."
- 12/2005 MUSC Department of Obstetrics and Gynecology Grand Rounds, Charleston, SC. "Artificial intelligence in obstetrics and gynecology."
- 10/2005 American Gynecology Club, Charleston, SC. "Can artificial intelligence uncover preeclampsia?"
- 4/2005 Azelas, Dogwoods, Magnolias and Maternal Fetal Medicine Conference, Charleston, SC. "Peripartum Cardiomyopathy."
- 3/2005 Society for Gynecologic Investigation, Los Angeles, CA. "Placental PIGF mRNA is depressed in preeclampsia."
- 2/2005 Society of Maternal Fetal Medicine, Reno, NV. "PIGF and s-Flt1 in HELLP syndrome."

1/2005 MUSC Department of Obstetrics and Gynecology Grand Rounds, Charleston, SC. "Altered angiogenesis in preeclampsia: A new avenue of therapy?"
11/2004 International Society for the Study of Hypertension in Pregnancy, Vienna, Austria. "PIGF and s-Flt1 correlate with the severity of preeclampsia."
3/2004 Society for Gynecologic Investigation, Houston, TX. "Leptin as a marker for severity of preeclampsia."
2/2004 Society of Maternal Fetal Medicine, New Orleans, LA. "PIGF: A marker for severity of preeclampsia."
2/2004 Society of Maternal Fetal Medicine, New Orleans, LA. "Soluble Fms-like tyrosine kinase-1 levels are elevated in preeclampsia and correlate with disease severity."
9/2003 South Carolina Obstetrics and Gynecology Society, Asheville, NC. "Placental growth factor as a marker of preeclampsia."
6/2003 THEOGS Society, Charleston, SC. "Placental growth factor as a marker of preeclampsia."
2/2003 Society of Maternal Fetal Medicine, San Francisco, CA. "Placental growth factor as a marker of preeclampsia."
9/2002 South Carolina Obstetrics and Gynecology Society, Charleston, SC. "Desensitization of the oxytocin receptor."
6/2002 THEOGS Society, Charleston, SC. "Desensitization of the oxytocin receptor."

Extramural Professional Activities:

Community Service:

Member of Citadel Square Baptist Church

Publications:

Peer Reviewed Journal Articles:

1. Ullian, Michael E., **Christopher J. Robinson**, Claudia T. Evans, Joel Melnick, Wayne Fitzgibbon. "The role of citrate synthase in aldosterone-mediated sodium reabsorption." Hypertension. **35**(4):875-9.
2. Ullian, Michael E., Muhammad M. Islam, **Christopher J. Robinson**, Wayne R. Fitzgibbon, Eric T. Tobin, and Richard V. Paul. "Resistance to mineralocorticoids in the Wistar-Furth rat." American Journal of Physiology. **272**:H1454-H1461.
3. **Robinson, Christopher**, Ralph Schumann, Peisheng Zhang, Roger Young. "Oxytocin-induced desensitization of the oxytocin receptor." Am J Obstet Gynecol. **188**(2):497-502.
4. **Robinson Christopher**, Chauhan SP. Intrapartum management of twins. Clin Obstet Gynecol. 2004 Mar 47(1):248-62
5. Vermillion S, **Robinson Christopher**. "Antiprostaglandin drugs." Obstetrics and Gynecology Clinics of North America, 2005 Sep:32:501-517.
6. **Robinson Christopher**, Johnson D, Chang E, Armstrong M, Wang W. "Evaluation of placenta growth factor and soluble Fms-like tyrosine kinase 1 receptor levels in mild and severe preeclampsia." Am J Obstet Gynecol. 2006 Jul;195(1):255-9.
7. **Robinson Christopher**, Johnson D. "Second trimester soluble endoglin in preeclampsia." Am J Obstet Gynecol. 2007 Aug 197(2):174-6.
8. Unal R, **Robinson CJ**, Johnson D, Chang E. "Second trimester angiogenic factors as biomarkers for preeclampsia." Am J Obstet Gynecol. 2007 Aug 197(2):211-12.

9. Robinson Christopher, Swift S, Johnson D, Almeida J. "Prediction of pelvic organ prolapse using an artificial neural network." Am J Obstet Gynecol. 2008 Aug;199(2):193.e1-6.

10. Alanis MC, Robinson CJ, Hulsey TC, Ebeling M, Johnson DD. Early onset, severe preeclampsia: induction of labor versus elective cesarean section and neonatal outcomes. Am J Obstet Gynecol. 2008 Sep;199(3):262.e1-6

Work History:

Assistant Professor, Maternal Fetal Medicine, Department of Ob/Gyn, MUSC	Current
Fellow in Maternal Fetal Medicine, Department of OB/GYN, MUSC	7/04-6/2007
Resident, Department of OB/GYN, MUSC	7/01 – 7/04
Intern, Department of OB/GYN, MUSC	7/00 – 7/01
Center for Academic Excellence Tutor, MUSC	6/98 – 12/99