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### 2011-2012 Department of Obstetrics and Gynecology Scholarly Activity Report

Quillen College of Medicine, East Tennessee State University

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EAST TENNESSEE STATE UNIVERSITY  
JAMES H. QUILLEN COLLEGE OF MEDICINE

SUMMARY OF SCHOLARLY ACTIVITIES  
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY  
2011 – 2012

I. PUBLICATIONS

A. Journal Publications

Hupping W, Ming G, Tuzanzhu H, Kelley J, Young A, Breuel K. *Pruella vulgaris* aqueous extract attenuates I $\alpha$ -1 $\beta$ -induced apoptosis and NF- $\kappa$ B activation in INS-1 cells. *Experimental and Therapeutic Medicine*, 3:919-924, 2012

Wilson RC, Reynolds JE, Wetzel DL, Schwierzke-Wade L, Bonde RK, **Breuel KF**, Roudebush WE. Influence of sex, maturity status and seasonality on secretion of anti-Müllerian hormone in the Florida manatee *Trichechus manatus latirostris* and implications for assessing conservation status. *Endangered Species Research*, 14:107-112, 2011

**Herrell H**. The Role of Spirituality in Hippocratic Medicine. *Southern Medical Journal*, 104(4):298-291, 2011

Bracken JN, **Huffaker RK**, Yandell PM, Handcock T, Higgins EW, Kuehl TJ, Shull BL. A Randomized Comparison of Bupivacaine Versus Saline During Placement of Tension-Free Vaginal Tape. *Female Pelvic Medicine and Reconstructive Surgery*, 18(2):93-96, 2012

**Hoverman C, Smith E, Herrell H**. An Evaluation of Post-Call Syndrome: The Physical and Psychological Components of Resident 24 Hour Call Shifts. *International Journal of Qualitative Studies on Health and Well-Being*. Submitted – May 2012

**Thompson M, Herrell H, Hoverman C**. Resident Views on Continuity of Care in Obstetrical Patients. *The Female Patient*, Submitted – May 2012

## **B. Books or Chapters**

**Assad N.** "3D Ultrasound and Infertility," in *Ultrasonography in Gynecology*, eds. Rizk/Poscheck. *Accepted for publication by Cambridge Press*

**Olsen ME.** "Ethics in Assisted Reproductive Technology," in *Human Assisted Reproductive Technology*, *Accepted for publication by Cambridge Press.*

**Nwosu U** *The End of the Road*, ISBN 978-978-8408-79-6,

## **C. Proceedings**

## **II. PAPERS, ABSTRACTS AND/OR PRESENTATIONS**

### **A. Regional and National**

Burke N, **Assad N**, Rary J. Genomic Imbalances Detected by Comparative Genomic Hybridization Microarray in Peripheral Blood of Endometriosis Patients. 2012 Appalachian Student Research Forum, Millennium Center, Johnson City, TN, April 5, 2012

**Fouk B.** Antenatal Breastfeeding Promotion via a Statewide Quality Improvement Collaborative. 8<sup>th</sup> Annual ETSU Primary Care and Prevention Day, Stanton Gerber Hall, February 18, 2012

Ware J, Schetzina K, **Fouk BE**, Gioia-Flynt L, Moore YH, Stuckey-Schrock K, Grubb P. Antenatal Breastfeeding Promotion Through Statewide Collaborative. 6<sup>th</sup> annual Academy of Breastfeeding Medicine Meeting, Doral Resort, Miami, FL, November 3-6, 2011.

Schetzina KE, Ware J, Grubb P, **Fouk BE.** Promoting Breastfeeding Through a Statewide Quality Collaborative, American Academy of Pediatrics National Conference and Exhibition, Boston MA, October 14 & 17, 2011

**Fouk BE.** "Breast Cancer Awareness/Mighty Omega Meal," Doc-Chef, Food City, North Eastman Road, Kingsport, TN, October 18, 2011

Varvoutis M, **Herrell H.** Spontaneous Pregnancy in a Patient Previously Diagnosed with Overt Primary Ovarian Insufficiency. 2012 Appalachian Student Research Forum, Millennium Center, Johnson City, TN, April 5, 2012

**Herrell, H.** "Focusing on Celiac Disease," Doc-Chef, Health Resources Center Annex, Mall, Johnson City, TN, May 14, 2012

**Huffaker RK.** "Female Urinary Incontinence," Health Resource Center, Johnson City Mall, Johnson City, TN, February 27, 2012

**Huffaker RK.** Nerve Stimulation Therapies for Overactive Bladder Patients Who Have Not Responded Well to Medications. 16<sup>th</sup> Annual Primary Care Conference, Millennium Centre, March 26, 2012

**Huffaker RK.** "Urinary Concerns," Ladies Night Out, Health Resources Center, Mall, Johnson City, TN, May 10, 2012

**Holmes S.** "The Care and Keeping of You," ARCOG Region 4 Coordinators' Retreat, Stanton-Gerber Hall, September 29, 2011

**Jernigan TW.** "Birth of American Medicine: 1890-1910," ARCOG Region 4 Coordinators' Retreat, Stanton-Gerber Hall, September 29, 2011

**Jernigan TW.** "The Evolving Use of Estrogen and Hormone Therapy: What I do in 2012," 16<sup>th</sup> Annual Primary Care Conference, Millennium Centre, March 28, 2012

**Jernigan J.** "How the H#%% Did We Get Here: Government and Health Care," 2012 Keystone Course, Votaw Auditorium, Clinical Education Building, Johnson City, TN April 5, 2012

**Jernigan J.** "Development of Accountable Care Organizations Locally and Reimbursement in the Future." 2012 Keystone Course, Votaw Auditorium, Clinical Education Building, Johnson City, TN April 5, 2012

**Olsen ME.** "Medical Missions in Iraq," ARCOG Region 4 Coordinators' Retreat, Jonesborough, TN, September 29, 2011

**Olsen ME.** "Introducing Surgical Chloe: A New High Fidelity Surgical Simulator," 12<sup>th</sup> International Meeting on Simulation in Healthcare (IMSH 2012), San Diego, CA, January 30, 2012

Misra N, **Welt S**, Krishnaswamy G, **Herrell H.** Mysterious Thrombocytopenia in a Neonate: The Clinical Significance of Neonatal Alloimmune Thrombocytopenia in Pregnancy. 2012 Appalachian Student Research Forum, Millennium Center, Johnson City, TN, April 5, 2012

**Welt SI.** Medical Safety Systems: OB/GYN with Implications in Other Practices. 16<sup>th</sup> Annual Primary Care Conference, Millennium Centre, March 26, 2012

## **B. International**

**Huffaker RK.** A Randomized Comparison of Bupivacaine Versus Saline During Placement of Tension-Free Vaginal Tape, International continence Society Meeting, Glasgow, Scotland, August 25, 2001 - September 6, 2011

**Olsen ME.** Advanced Life Support in Obstetrics (ALSO) Instructor Course, Doha Qatar, Saudi Arabia, May 25-26, 2012

## **III. INVITED PRESENTATIONS**

**Fouk BE,** Schetzina K, Moze D. Panel discussion on Breastfeeding. Women's Health Across the Life Span. Millennium Centre, Johnson City, TN October 7, 2011

**Jernigan TW.** Menopause Management and HRT. Women's Health Across the Life Span. Millennium Centre, Johnson City, TN October 7, 2011

**Olsen ME,** Drumm J, Eason M. Demonstration of New Technology: The Surgical NO3I3 Manikin workshop. 12<sup>th</sup> International Meeting on Simulation in Healthcare (IMSH), San Diego, CA, January 28 – February 1, 2012

**Olsen ME.** "An Obstetrician's Journeys to Iraq," Indiana University, Department of OB/GYN Grand Rounds, June 6, 2012

## **IV. OTHER**

**Assad N.** Research collaboration with Dr. Jack Rary, Department of Pediatrics. "Genomic Studies of Endometriosis," IRB # 0311.4s

**Assad N.** Improved Detection of Ovarian Malignancies: A Pilot Study Exploring the Use of 3D Vascular Ultrasound. IRB # 08-243f

**Assad N.** Research collaboration with Dr. Jack Rary, Department of Pediatrics. "Preimplantation Genetics and Oocyte/Embryo Arrest" *submitted to ETSU IRB*

**Assad N.** Research collaboration with Dr. Jack Rary, Department of Pediatrics. "Microarray Studies of Endometriomal Tissue" *submitted to ETSU IRB*

**Assad N.** Research protocol collaboration with Dr. Juan Alcazar, Pamplona, Spain. 3D Vascular Parameters Using 3D Power Doppler. (some possible sponsorship by GE)

**Herrell H.** Attending of the Year by the 2012 Caduceus Club

**Huffaker RK.** Reviewer, European Journal of OB/GYN

**Huffaker RK.** Hands-On Cadaver Lab Proctor – Advanced Pelvic Floor Surgery, Scott & White Hospital, Temple, TX, October 23-24, 2011

**Huffaker RK.** January 1, 2012, became a Fellow of The American Congress of Obstetricians and Gynecologists.

**Huffaker RK.** Hands-On Cadaver Lab Proctor – Advanced Pelvic Floor Surgery, Scott & White Hospital, Temple, TX April 29 – May 1, 2012

**Huffaker RK.** Hands-On Cadaver Lab Proctor, ETSU OB/GYN resident lab, Stanton-Gerber Hall, May 4, 2012

**Huffaker RK.** Quillen College of Medicine Telemedicine Implementation Committee

**Huffaker RK.** Dean's Faculty Advisory Council

**Huffaker RK.** QCOM/MEAC Compensation Committee

**Jernigan TW.** Chairman, QCOM/MEAC Compensation Committee

**Olsen ME.** Reviewer, Pediatrics

**Olsen ME.** Reviewer, American Journal of Obstetrics and Gynecology

**Olsen ME.** Reviewer, Obstetrics and Gynecology

**Olsen ME.** CME Advisory Board for the Southern Medical Journal

**Olsen ME.** Oral Board Examiner, American Board of Obstetrics and Gynecology

**Olsen ME.** American Academy of Family Physicians Advance Life Support in Obstetrics and Gynecology Advisory Council

**Olsen ME.** Credentials Committee, Blue Cross/Blue Shield of Tennessee

**Olsen ME.** Advisory Committee, Tennessee Section of ACOG

**Olsen ME.** Who's Who in America, 2000 – 2010, 55<sup>th</sup> – 64<sup>th</sup> edition

**Olsen ME.** Participant on panel discussion, Career Exploration, 2<sup>nd</sup> year medical students.

**Rouse (Gebka) A.** Planning Committee for Women's Health Across the Life Span, annual CME conference

**Sarkodie OL.** Elected Chair of Department of OB/GYN at JCMC

**Sarkodie, OL.** Promotions and Tenure Committee, East Tennessee State University.

**Welt SI.** Couplet Care Transition Team, Johnson City Medical Center

**Welt SI.** Reviewer for American Journal of Obstetrics & Gynecology

**Welt SI.** Reviewer for Journal of Obstetrics & Gynecology

**Welt SI.** Invited reviewer for Chest

**Welt SI.** Representative, Tennessee State Perinatal Committee and TIPQC

**Welt SI.** Participant in USDA funded grant under the *Distance Learning and Telemedicine Grant Program administered by RUS (Rural Utilities Service)* telemedicine grant awarded to ETSU in the amount of \$191,601

**Welt SI.** MSHA MedNews Plus Top Doctor of the Month, January 2012

The **Department of OB/GYN** won the 2012 Caduceus Club Award for Clerkship of the Year

In November 2012, Dr. T. Watson Jernigan was name Associate Dean of Clinical Affairs.

## **Resident Research**

**Black E.** Immature Ovarian Teratomas. Olsen Resident Research Day, June 8, 2012

Davison PD, Edwards S, **Elkattah RA**, Schiff L. Relating to your Residents: Coordinator and Resident Perspectives. CREOGAPGO Annual Meeting (ARCOG General Session), Orlando, FL March 9, 2012

**Elkattah R, Foulk B.** Orthopedics Meets Obstetrics: A Suspected Aneurysmal Bone Cysts of the Pelvis in Pregnancy. 2012 Appalachian Student Research Forum, Millennium Center, Johnson City, TN, April 5, 2012

**Elkattah R, Foulk B.** Orthopedics Meets Obstetrics: A Suspected Aneurysmal Bone Cysts of the Pelvis in Pregnancy. Olsen Resident Research Day, June 8, 2012

**Thompson M, Hoverman C, Herrell H.** Resident Views on Continuity of Care in Obstetrical Patients. 2012 Appalachian Student Research Forum, Millennium Center, Johnson City, TN, April 5, 2012

Mullins A, **Welsh B, Herrell H.** Reliability of Fundal Height for Predicting Abnormal Fetal Growth. 2012 Appalachian Student Research Forum, Millennium Center, Johnson City, TN, April 5, 2012

**Hoverman C, Smith E, Herrell H.** An Evaluation of Post-Call Syndrome: The Physical and Psychological Components of Resident 24 Hour Call Shifts. 2012 Appalachian Student Research Forum, Millennium Center, Johnson City, TN, April 5, 2012

**Hoverman C, Smith E, Herrell H.** An Evaluation of Post-Call Syndrome: The Physical and Psychological Components of Resident 24 Hour Call Shifts. Olsen Resident Research Day, June 8, 2012

**Marchman, C; Foulk, BE.** Mental Health Survey of OB/GYN Residents. Olsen Resident Research Day, June 8, 2012

**Seay R, Herrell HE, McGraw E.** Case Series: Isolated Fallopian Tube Torsion in Perimenarchal Females. Olsen Resident Research Day, June 8, 2012

**Smith EL, Huffaker RK.** Dabigatran Induced Hemorrhagic Cystitis in a Patient with Painful Bladder Syndrome. Olsen Resident Research Day, June 8, 2012

**Smith E.** "What to Expect Before You Are Expecting," *Healing for Life*, Utah's Trusted Source for Healthy Living, published by Intermountain Medical Group, May 2012



**Taliaferro B**, Yates A, **Herrell H**. Using Simulation to Improve Medical Students' Experiences During the Third Year OB/GYN Clerkship. Appalachian Student Research Forum, Millennium Center, Johnson City, TN, April 5, 2012

**Taliaferro B**, Yates A, **Herrell H**. Using Simulation to Improve Medical Students' Experiences During the Third Year OB/GYN Clerkship. Olsen Resident Research Day, June 8, 2012

**Thompson MD, Herrell HE, Hoverman CE**. Recent Views on Continuity of Care in Obstetrical Patients. Olsen Resident Research Day, June 8, 2012

**Welsh B**, Mullins AN, **Herrell HE**. Reliability of Fundal Height for Predicting Abnormal Fetal Growth. Olsen Resident Research Day, June 8, 2012

**Ms. Patti Davison**, Graduate Medical Education Coordinator is very active in the American Residency Coordinators in Obstetrics and Gynecology (ARCOG). She serves on national committees and has participated in presentations.

Committees:

ARCOG Executive Council, Region IV Representative – 2008-2011

ARCOG Education and Research Committee, Co-Chair – 2010-2011

At the CREOG/APGO Annual Meeting – ARCOG session, Ms. Davison was elected Vice-Chair for ARCOG for a three year period – 2011-2014

ARCOG held their annual retreat at ETSU September 28-October 1, 2011. While the retreat was officially an ARCOG Region 4 Retreat, we hosted coordinators from 3 out of 5 ARCOG regions and four ETSU residency programs making this essentially a national retreat. The 31 attendees were from San Diego to Charlotte; Chicago to Birmingham, and everywhere in between. In addition to professional development (“how-to” sessions) to aid coordinators in their daily tasks, the participants received lectures in personal development such as positive thinking, communication styles, leadership and self-esteem. Volunteer speakers included faculty and coordinators from ETSU (OB/GYN, Communications, Family Medicine, Surgery, Pediatrics, Pathology, and the Health Sciences Division), University of Oklahoma, Methodist Hospital (Houston), Texas A&M (Scott & White), and UT Southwestern – Austin as well as community representatives.

Beitman H; **Davison PD, Nave S**; Ray K. Bridging the Gap: Preparing Students for Interview Season, CREOGAPGO Annual Meeting (ARCOG Region 4 Meeting), Orlando, FL March 7, 2012

**Davison PD**, Edwards S, **Elkattah RA**, Schiff L. Relating to your Residents: Coordinator and Resident Perspectives. CREOGAPGO Annual Meeting (ARCOG General Session), Orlando, FL March 9, 2012

## V. VISITING PROFESSORS

Name: Lyda Virginia Vehaskari, BA, MA, PhD  
Institution: GV Editing Associates  
Date: October 28, 2011  
Event: 5th Annual Elizabeth Craver Pryor Distinguished Lectureship in Women's Health  
Topic: "Living on the Edge: What do Boomers and Gen X Really Want?"

Name: Lyda Virginia Vehaskari, BA, MA, PhD  
Institution: GV Editing Associates  
Date: October 28, 2011  
Event: OB/GYN Grand Rounds (as part of the 5th Annual Elizabeth Craver Pryor Distinguished Lectureship in Women's Health)  
Topic: "Living on the Edge: Women and Men in Medicine: Boomer to Gen X"

Name: Rebecca C. Thurston, PhD  
Title: Assistant Professor  
Institution: University of Pittsburg Medical Center  
Date: May 18, 2012  
Event: 18<sup>th</sup> Annual Dr. Dillard M. Sholes, Jr. and Mrs. Mattie E. Sholes Distinguished Lectureship  
Topic: "Benign Symptom of Harbinger of Disease? New Discoveries About Menopause, Hot Flashes, and Cardiovascular Risk?"

Name: Rebecca C. Thurston, PhD  
Title: Assistant Professor  
Institution: University of Pittsburg Medical Center  
Date: May 18, 2012  
Event: OB/GYN Grand Rounds (as part of the 18<sup>th</sup> Annual Dr. Dillard M. Sholes, Jr. and Mrs. Mattie E. Sholes Distinguished Lectureship)  
Topic: "Obesity and Menopausal Hot Flashes: Challenging Traditional Paradigms"

**VI. EXTRAMURAL FUNDING**

**A. Peer Review**

**B. Other Sponsored Activities**

<b>Faculty</b>	<b>Agency</b>	<b>Project Period</b>	<b>Current Year Award</b>	<b>Total Award</b>
Chair	Northeast TN Regional Perinatal Center (MSHA/MEAC)	7/1/11 – 6/30/12	\$70,600	\$70,600