

EAST TENNESSEE STATE UNIVERSITY  
JAMES H. QUILLEN COLLEGE OF MEDICINE

SUMMARY OF SCHOLARLY ACTIVITIES  
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY  
2012 – 2013

I. PUBLICATIONS

A. Journal Publications

Ozment TR, Tuanzhu H, **Breuel KF**, Ford TR, Ferguson DA, Kalbfleisch J, Schweitzer JB, Kelley JM, Li C, Williams DL. "Scavenger Receptor Class a Plays a Central Role in Mediating Mortality and the Development of the pro-inflammatory phenotype in polymicrobial Sepsis." *PLOS Pathogens*, October 2012, 8 (10): 1-10, e1002967

Chuanfu L, Fang H, Tuanzhu H, Krishna S, chen L, Kalbfleisch J, **Breuel KF**, Ford T, Kao R, Gao M, Ozment TR, Williams DL. Activation of Myocardial Phosphoinositide-3-Kinase p110 $\alpha$  Ameliorates Cardiac Dysfunction and Improves Survival in Polymicrobial Sepsis. *PLOS One*, September 2012, Vol. 7, Issue 9, e44712

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

**Olsen ME**. "The Use of Medical Simulation to Teach Bioterrorism Preparedness: The Anthrax Example." *SMJ* 106;1:49-54

**Olsen ME**. "Teaching Bioterrorism Preparedness with Simulation – The Pneumonic Plague Example," *Journal of Clinical Research and Bioethics*. Submitted, May 2013

Elkattah R, **Foulk BE**. "A Suspected Pelvic Aneurysmal Bone Cyst in Pregnancy." *Case Reports in Obstetrics and Gynecology*, on-line publication, March 26, 2013, Vol. 2013, Article 676087

## **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*, pages 354-362, published July 2012, Cambridge Press.

## **C. Proceedings**

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

## **A. Regional and National**

Burke N, **Assad N**, Rary J. Genetic Imbalances in Endometriosis Detected by Oligonucleotide-Based Array Comparative Genomic Hybridization, Appalachian Student Research Forum, Centre at Millennium Park, April 4, 2013

Marchman C, **Fouk BE.** Mental Health Survey of Obstetrics and Gynecology Residents. , Appalachian Student Research Forum, Centre at Millennium Park, April 4, 2013 (**3<sup>rd</sup> Place Winner**)

Schetzina K, **Fouk BE.** Preliminary Progress Toward a Statewide Quality Improvement Project to Enhance Breastfeeding Promotion, 2012 American Academy of Pediatrics (AAP) National Conference and Exhibition, New Orleans, LA, October 20-23, 2012.

Taliaferro B, Yates A, **Herrell H.** Using Simulation to Improve Medical Students' Experiences During the Third Year OB/GYN Clerkship, CREOG/APGO Annual Meeting, Phoenix AZ, February 27 – March 2, 2013

**Herrell H.** Adolescent Birth Control & STDs, 17<sup>th</sup> Annual Primary Care Conference, Millennium Centre, Johnson City, TN, March 26, 2013

**Huffaker RK.** Nerve Stimulation Therapies for Bowel and Bladder Dysfunction, 17<sup>th</sup> Annual Primary Care Conference, Millennium Centre, Johnson City, TN, March 28, 2013

Black E, **Huffaker RK.** Resident Assessment of Pelvic Floor Disorders and/or Sexual Dysfunction. Appalachian Student Research Forum, Centre at Millennium Park, April 4, 2013

**Jernigan TW.** Battle of the Titans: W.H.I. versus K.E.E.P.S., 17<sup>th</sup> Annual Primary Care Conference, Millennium Centre, Johnson City, TN, March 28, 2013

Beaudoin C, **Sarkodie O**, Fletcher AH. Case Report: Simultaneous CIN III and AIS of the Cervix in a Thirty-Five Year-Old Female. , Appalachian Student Research Forum, Centre at Millennium Park, April 4, 2013 **(1<sup>st</sup> Place Winner)**

## **B. International**

**Olsen ME.** “Medical Simulation: New Methods to Improve Medical Education and Promote Patient Safety,” International Medical Corps, 2012 Annual Meeting of Iraqi Society of Obstetrics and Gynecology, Baghdad, Iraq, December 6, 2012

**Olsen ME.** “Use of Medical Simulation to Improve OB/GYN Education and Patient Care,” International Medical Corps, 2012 Annual Meeting of Iraqi Society of Obstetrics and Gynecology, Baghdad, Iraq, December 7, 2012

**Olsen ME.** “Simulation Workshop,” International Medical Corps, 2012 Annual Meeting of Iraqi Society of Obstetrics and Gynecology, Baghdad, Iraq, December 7, 2012

## **III. INVITED PRESENTATIONS**

**Assad N.** “Polycystic Ovarian Syndrome,” Health Resources Center, Johnson City Mall, Johnson City, TN, March 11, 2013

**Assad N.** “All About Hormones,” Health Resources Center, Johnson City Mall, Johnson City, TN, May 28, 2013

**Fouk B.** “Emergencies in OB/GYN,” presented to the Medical Student OB/GYN Student Interest Group, Stanton Gerber Auditorium, January 23, 2013.

**Jernigan TW.** “How the H#% Did we Get Here?: Government and Healthcare,” Keystone Course, Business in Medicine, April 3, 2013

**Jernigan TW.** “Development of Accountable Care Organizations and Their Implementation,” Keystone Course, Business in Medicine, April 3, 2013

**Jernigan TW.** “How the Heck Did We Get Here,” Health Reform Series for Medical Students, April 25, 2013, Stanton-Gerber Auditorium,

#### IV. OTHER

**Assad N.** Research collaboratin with Dr. W. Andrew Clark, Department of Allied Health Sciences, "Impact of Oxidative Stress on Female Fertility." IRB # 0413-1s

**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)

**Assad N.** Research collaboration with Dr. William Andrew Clark, Department of Clinical Nutrition, "Exploring Optimal Nutrition and Psychosocial Environments for Infertile Women Seeking IVF Treatment." *Submitted to ETSU RCD*

**Assad N.** Pearls of Wisdom for the Clinical Years, "String of Pearls' nominee, June 27, 2013

**Foulk BE.** Pearls of Wisdom for the Clinical Years, "String of Pearls' nominee, June 27, 2013

**Herrell H.** Pearls of Wisdom for the Clinical Years, "String of Pearls' nominee, June 27, 2013

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

**Huffaker RK.** Reviewer, International Urogynecology Journal

**Huffaker RK.** Reviewer, American Journal of Obstetrics and Gynecology

**Huffaker RK.** Medical Director of Telemedicine, Quillen College of Medicine (funded by USDA grant)

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

**Huffaker RK.** Lab Instructor for Advance Pelvic Surgery cadaver course, Scott & White Hospital, Texas A&M, Salado and Temple, TX, April 2013

**Huffaker RK.** Cadaver Lab, ETSU Quillen College of Medicine, May 10, 2013. Grant received from Boston Scientific for products used in the Workshop.

**Jernigan TW.** Participated in the Hawkins County Health Fair, Rogersville, TN

**Olsen ME.** Reviewer, Pediatrics

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

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

**Olsen ME.** Reviewer, 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 – 2013

**Olsen ME.** "ETSU's surgical simulator in demand as teaching tool." Article in the Johnson City Press, March 26, 2013

**Olsen ME.** "Surgical Simulator Created and Developed at ETSU, WKPT News, March 26, 2013

**Olsen ME.** "Surgical Simulator Created and Developed at ETSU, article in ETSU Accent, April 4, 2013

**Olsen ME.** An article appeared in the Northwest Guardian, the authorized newspaper of the Joint Base Lewis-McChord Army base, Tacoma, Washington in regard to their use of the Chloe surgical simulator that was invented by Dr. Olsen, Dr. Martin Eason, Mr. Bill Hemphill and Dr. Paul Sims

**Olsen ME.** "Gaumard Simulators Making a Difference in Malawi." Article in the Gaumard journal regarding simulator training in Malawi that included use of the Chloe surgical simulator that was invented by Dr. Olsen, Dr. Martin Eason, Mr. Bill Hemphill and Dr. Paul Sims, January 2013

**Olsen ME.** Advertisement in the Gaumard Journal, “Gaumard’s Surgical Chole™ S2100 Surgical Simulating Training in Baghdad.” Project led by Dr. Martin Olsen.

**Olsen ME.** Career Explorations Panel Discussion, medical students, Class of 2014. Stanton Gerber Hall, April 11, 2013

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

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

**Sarkodie OL.** Pharmacy & Therapeutics, East Tennessee State University.

**Sarkodie OL.** Interdepartmental Committee for Quality Improvement, ETSU, COM

**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

OB/GYN physicians participated in Medical Horizons. Students worked in the clinical office with Drs. **Fouk, Herrell, Rouse, Sarkodie and Welt** during the month of June, 2013.

### **Resident Research**

**Beaudoin C, Sarkodie O, Fletcher AH.** Case Report: Simultaneous CIN III and AIS of the Cervix in a Thirty-Five Year-Old Female. , Appalachian Student Research Forum, Centre at Millennium Park, April 4, 2013 (**1<sup>st</sup> Place Winner**)

**Beaudoin C, Sarkodie O, Fletcher AH.** Case Report: Simultaneous CIN III and AIS of the Cervix in a Thirty-Five Year-Old Female. Oral presentation, 4<sup>th</sup> Annual Olsen Resident Research Day, June 7, 2013, Votaw Auditorium, Johnson City, TN

**Black E, Huffaker RK.** Resident Assessment of Pelvic Floor Disorders and/or Sexual Dysfunction. Appalachian Student Research Forum, Centre at Millennium Park, April 4, 2013

**Black E.** Resident Assessment of Pelvic Floor Disorders and/or Sexual Dysfunctions. Oral presentation and Manuscript Competition, 4<sup>th</sup> Annual Olsen Resident Research Day, June 7, 2013, Votaw Auditorium, Johnson City, TN

**Elkattah R, Foulk BE.** "A Suspected Pelvic Aneurysmal Bone Cyst in Pregnancy." *Case Reports in Obstetrics and Gynecology*, on-line publication, March 26, 2013, Vo. 2013, Article 676087

**Elkattah R, Huffaker RK.** Percutaneous Tibial Nerve Stimulation for Treatment of Clitoral Pail. Oral presentation and Manuscript Competition, 4<sup>th</sup> Annual Olsen Resident Research Day, June 7, 2013, Votaw Auditorium, Johnson City, TN

**Marchman C, Foulk BE.** Mental Health Survey of Obstetrics and Gynecology Residents. , Appalachian Student Research Forum, Centre at Millennium Park, April 4, 2013 (**3<sup>rd</sup> Place Winner**)

**Taliaferro B, Yates A, Herrell H.** Using Simulation to Improve Medical Students' Experiences During the Third Year OB/GYN Clerkship, CREOG/APGO Annual Meeting, Phoenix AZ, February 27 – March 2, 2013

## **V. VISITING PROFESSORS**

Name: Rebecca McAlister MD  
Title: Professor, Associate Dean of GME  
Institution: Washington University, St. Louis, MO  
Date: October 5, 2012  
Event: 6<sup>th</sup> Annual Elizabeth Craver Pryor MD Lectureship Series (Grand Rounds)  
Topic: Recognition and Prevention of Burnout – Yours and Theirs

Name: Rebecca McAlister MD  
Title: Professor, Associate Dean of GME  
Institution: Washington University, St. Louis, MO  
Date: October 5, 2012  
Event: 6<sup>th</sup> Annual Elizabeth Craver Pryor MD Lectureship Series  
Topic: Mentoring is Good Medicine

Name: George Wendel, Jr., MD  
 Title: Assistant to the Director of Evaluations  
 Institution: American Board of Gynecologists  
 Date: April 19, 2013  
 Event: 19<sup>th</sup> Annual Dr. Dillard M. Sholes, Jr. and Mrs. Mattie E. Sholes  
 Distinguished Lectureship  
 Sholes Presentation (Grand Rounds)  
 Topic: Update on Treatment of STDs in Women

Name: George Wendel, Jr., MD  
 Title: Assistant to the Director of Evaluations  
 Institution: American Board of Gynecologists  
 Date: April 19, 2013  
 Event: 19<sup>th</sup> Annual Dr. Dillard M. Sholes, Jr. and Mrs. Mattie E. Sholes  
 Distinguished Lectureship  
 Topic: ABOG and MOC Update

**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)	7/1/12 – 6/30/13	\$70,600	\$70,600