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Quillen College of Medicine, East Tennessee State University, "2012-2013 Department of Obstetrics and Gynecology Scholarly Activity Report" (2013). *Quillen College of Medicine Scholarly Activity Report*. 26. <https://dc.etsu.edu/qcom-scholarly-activities/26>

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**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 Phosphonositide-3-Kinase p110 α 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 β -induced apoptosis and NF- κ 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, **Foult BE.** Mental Health Survey of Obstetrics and Gynecology Residents. , Appalachian Student Research Forum, Centre at Millennium Park, April 4, 2013 (**3rd Place Winner**)

Schetzina K, **Foult 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, 17th Annual Primary Care Conference, Millennium Centre, Johnson City, TN, March 26, 2013

Huffaker RK. Nerve Stimulation Therapies for Bowel and Bladder Dysfunction, 17th 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., 17th 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 **(1st 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 CholeTM 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 **(1st 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, 4th 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, 4th 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, 4th 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 (**3rd 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: 6th 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: 6th 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: 19th 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: 19th 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

Faculty	Agency	Project Period	Current Year Award	Total Award
Chair	Northeast TN Regional Perinatal Center (MSHA/MEAC)	7/1/12 – 6/30/13	\$70,600	\$70,600