

EAST TENNESSEE STATE UNIVERSITY
JAMES H. QUILLEN COLLEGE OF MEDICINE

SUMMARY OF SCHOLARLY ACTIVITIES
DEPARTMENT OF OBSTETRICS AND GYNECOLOGY
2018 - 2019

I. PUBLICATIONS

A. Journal Publications

Alexander C, **Breuel KF**, Olsen M. "Substances Abused in Pregnancy", *Journal of Substance Abuse Treatment*, Submitted for Review 2019

Bazyler C. **Breuel KF**. "Comparing the Cost Effectiveness of a Celiac Disease Panel to a Testing Cascade" *International Journal of Celiac Disease*, 2018

Bazyler CD, Mizuguchi S, Zourdos MC, Kimitake S, Kavanaugh AA, DeWeese BH, **Breuel, KF**, Stone MH. "Characteristics of a National Weightlifter Peaking for Competition: A Case Study", *The Journal of Strength and Conditioning Research*, November 2018

El Ado Mikdachi H, Spann E. "Candida glabrata Fungemia Following Robotic Total Laparoscopic Hysterectomy and Bilateral Salpingo-oophorectomy in a Patient with Recurrent Vulvovaginitis: A Case Report" *Cureus*.11(3): e4349 2019

El Ado Mikdachi H, Schreck A. "Robotic Hysterectomy in the Obese Patient: Tips and Tricks for the Benign Gynecologist" *Int J Gynecol Clin Pract*. 5: 146, 2018

El Ado Mikdachi H, Mann L. "Transgender health Simplified: A Concise Guide to the Gynecologist" *Cur Op Gyn Obs*, 1(1): 56-65, 2018

Jewett BE, Wallace RL, **Sarkodie OI**. "Pseudotumor Cerebri Following Nexplanon® Implantation", *Cureus Journal*, May 18, 2018

Olsen M. Walker Jessica. "Provision of Buprenorphine to Pregnant Women by For-Profit Clinics in an Appalachian City" *South Med Jour*, October 2018; 111(10): 575-578.

Ransom MX, Olsen M, Keder L. "Oncofertility" & "Surgery & Infertility" eds. *Gynecologic Care*" Cambridge University Press 2018

Ransom MX. "The artistic depiction of Christ's crucifixion: history meets biomechanics" *Hektoen International A Journal of Medical Humanities*, 2019

Rivera-Valenzuela M, Thati A, Tejeida-Estrada R, **Breuel KF**, Gonzalez-Estrada A. "Healthy Children from the Appalachian Region Have Different Immunoglobulin Concentrations When Compared with A Standardized Scale" *Journal of Clinical Immunology, Allergy*, Submitted for review

Schreck A, **El Ado Mikdachi H.** "Benign Ovarian Tumors in Pregnancy: A Case Report of Metachronous Ipsilateral Recurrent Mucinous Cystadenoma in Initial Pregnancy and Mature Cystic Teratoma in Subsequent Pregnancy" *Cureus*. 11(1): e3718, 2019

Stone WL, Wood DL, Justice NA, Shah DS, **Olsen M**, Bharti D. "The Systems Medicine of Neonatal Abstinence Syndrome", *Frontiers in Bioscience*, Submitted for publication, June 2019

B. Books or Chapters

C. Proceedings

II. PAPERS, ABSTRACTS AND/OR PRESENTATIONS

A. Regional and National

El Ado Mikdachi H. LIGO Conference, Teaching Faculty, April 2019

El Ado Mikdachi H. "Caring for the Transgender Patient: A Gynecologist's Perspective", 23rd Annual Louis A. Cancellaro Primary Care Conference, Oral Speaker, Oral Presentation, Johnson City, TN, March 2019

B. International

El Ado Mikdachi H. "Robotic Surgery for Benign Gynecology in the Obese Patient: Tips and Tricks for the Benign Gynecologist." Oral speaker, Scientific Program, World Congress on Gynecology and Obstetrics, Toronto, Canada, September 2018

III. INVITED PRESENTATIONS

Edwards-Silva R, Invited Lecturer “Hypertensive Disorders in Pregnancy”, East Tennessee State University, Family Medicine Physicians Resident Lecture, Johnson City, TN. January 16, 2019

Edwards-Silva R, Invited Lecturer, “*Prenatal Genetic Screening and Diagnosis 2019*”, East Tennessee State University, Pediatric Physicians Resident Lecture, JCMC 7th floor Auditorium, May 22, 2019

Edwards-Silva R, Invited Physician, Social Media, Video on YouTube for Cherished Mom on Maternal Mental Health and Well-Being, March 2019

Edwards-Silva R, Invited Physician, Social Media, Video on YouTube for Cherished Mom on Perinatal Mood and Anxiety Disorders, July 2019

Holmes S. ETSU OB/GYN Grand Rounds, “Controversies in Obstetrics”, Report from annual MFM Pregnancy meeting, May 2019

Patel M, **Huffaker RK**. “Innovations in Women’s Pelvic Health Solutions: Evaluating the use of decellularized dermal allografts in improving patient outcomes.” Presented as a pre-recorded on-demand CME accredited webinar via North American Center for Continuing Education (NACCME). Served as lead faculty. Release date: September 29, 2018.

Jernigan TW. “Menopause: The Great Transition,” Department of Internal Medicine Academic Half Day Conference resident lecture, September 11, 2018.

Jernigan TW, Reynolds B, Rouse A. “Cardinal Movements of Labor,” along with a simulation of a spontaneous vaginal delivery. Emergency Medical Services Experiential Team-Based Learning and Simulation (EMS-XTLS Conference), Stanton Gerber Hall, Quillen College of Medicine, East Tennessee State University, August 11, 2018.

Jernigan TW. ABIM Review of OB/GYN, Quillen College of Medicine, Department of Internal Medicine, April 2019

Jernigan TW. “Woman’s Health Module”, Milligan College, Lectures 12 hours, November 2018

Reynolds B. “Breastfeeding 101,” East Tennessee State University, Breastfeeding Conference Speaker, August 2018

Sarkodie OL. “Common Complications of Labor”, Lecture, Quillen College of Medicine, Department of Family Medicine, January 2019

IV. OTHER

Breuel KF. Judge, Upper East Tennessee Regional Science Fair, March 23, 2019
Bazyler C, Satoshi M, Stone M, **Breuel KF.** Abstract by Perkins A, ETSU Thesis
Committee Member, "Relationship of the SRSS Questionnaire with Physiological and
Performance Measures", August 2018

Breuel KF, Olsen ME. Collaborator, "Substance Abuse in Pregnancy", 2018-
2019

Cronin A. Administrative Chief Resident, 2018

Edwards-Silva R, "Pregnancy: An Open Window to A Woman's Future Health", East
Tennessee State University, Grand Rounds Department of Obstetrics and
Gynecology, Niswonger Conference Room JCMC, May 3, 2019

Edwards-Silva R. Developer and Faculty, 2nd Annual Breastfeeding Educational
Symposium: Celebration of Breastfeeding, Niswonger Children's Hospital, August 10,
2018

Edwards-Silva R. Developer, "2018 ETSU Breastfeeding Curriculum for OB/GYN
Resident Education," New Educational Program, August 2018

Edwards-Silva R, Kozinetz, C, Want, K, Fox S, Shaw, D. Co-investigator, NIH Grant
Submission, "Early Life Exposures in Rural US: Smoking, Opioid Use Disorder, and
the Infant Microbiome," Submitted October, 2018

Edwards-Silva R. "Antenatal Education on Breastfeeding in the Office," Quality
improvement project, 2017-present

El Ado Mikdachi H. "The Vaginal Monologues", General Surgery Grand Rounds,
May 2019

El Ado Mikdachi H. Reviewer, Journal of Minimally Invasive Gynecologic Surgery
(JMIG), October 2018-present

El Ado Mikdachi H, Huffaker RK, Dodson M. Faculty, Resident Laparoscopic
Cadaver Lab, Quillen College of Medicine, Johnson City, TN, May 17, 2019

El Ado Mikdachi H. Faculty for Resident Laparoscopic Cadaver Lab, Quillen College
of Medicine, East Tennessee State University, Johnson City, Tennessee, May 17,
2019

Holmes S. Tennessee Initiative for Perinatal Quality Care (TIPQC) – Long Acting
Reversible Contraception (LARC), Department representative to JCMC planning
committee, Continued 2018-2019

Holmes S. Tennessee Initiative for Perinatal Quality Care(TIPQC)—Long-Acting Reversible Contraception (LARC) Inception Committee, July 2018 – present

Holmes S. Chair, Washington County Department of Obstetrics and Gynecology, July 2017 – present

Huffaker RK, Marquette, M. “DermaPure Pubovaginal Sling” project, Current study in process.

Huffaker RK. Presentation, Council of University Chairs in Obstetrics and Gynecology ProLog Review, October 5, 2018

Huffaker RK. Presentation, Critical Appraisal of Medical Literature, Niswonger Children’s Hospital, Conference Room 2, October 5, 2018

Huffaker RK. Editorial Board Member, International Urogynecology Journal, 2015 -- present

Huffaker RK. Reviewer, Female Pelvic Medicine & Reconstructive Surgery, 2015-present

Huffaker RK. Reviewer, International Urogynecology Journal, 2015-present

Huffaker RK. Developer and Faculty for Resident urogynecology Cadaver Lab, Quillen College of Medicine, East Tennessee State University, Johnson City, Tennessee, May 17, 2019

Murphy J. “Postpartum Depression”, Media Interview, WJHL News, March 26, 2019

Olsen ME. Tennessee Initiative for Perinatal Quality Care, invited participate, 2019-2022

Olsen ME, Bharti D, Shah D, IRB Study-1 “Follow-up of neonates born to pregnant women on buprenorphine,” Approved by IRB. Study currently in process.

Olsen ME. Breuel K, Alexander C. IRB Study-2 “Substance Abused in Pregnancy,” Approved by IRB. Submitted for publication.

Olsen ME. IRB Study-3 “Follow-up neonates born to pregnant women weaned off buprenorphine.,” IRB approval in process.

Olsen ME. Consultant on NIH grant submission long term outcome of opiate exposed neonates, Winter 2019

Olsen ME. Oral Board Examiner, American Board of Obstetrics and Gynecology, 2002 – present

Olsen ME. Southwest Market Medical Staff Meeting “Controlled Substance Safe Prescribing” Franklin Woods Community Hospital Summit, January 15, 2019

Olsen ME. “LGBT Health” Keystone Course: Transition to Residency Medical Students, VOTAW Auditorium, CEB Johnson City, TN, April 10, 2019

Olsen ME. Reviewer, Journal Pediatric Adolescent Gynecology, 2012 – 2016, 2019

Olsen ME. Reviewer, Southern Medical Journal, 1994, 2002, 2013, 2015, 2018, 2019

Olsen ME. WJHL appearance on Neonatal Abstinence Syndrome prevention <https://www.wjhl.com/local/local-initiative-aims-to-reduce-number-of-babies-born-addicted-to-drug/1665283273> , December 2018

Reynolds B. Protocol Project for ERAS Obstetrics Study. Study currently in process

Reynolds B. “Practical Breastfeeding,” 2018 Breastfeeding Educational Symposium: Celebration of Breastfeeding, Niswonger Children’s Hospital, Conference Room 1 and 2, August 10, 2018.

Sarkodie OL. ACOG OBGYN PAC Member, Contributor received a full sponsorship for ACOG’s Congressional Leadership Conference 3/10-3/12, 3/2019

Sarkodie OL. Oral Board Examiner, American Board of Obstetrics and Gynecology, November 2018

Willis D. “Cesarean Section Scare Identification by Ultrasound.” Recruitment ended March 2019.

Willis D. “24-hour Urine Protein in Hypertensive Pregnancy.” In progress 2018-2019, estimated completion by July 2019.

Willis D. Neurological Injury Compensation Association/State of Florida Birth Related Neurologic Injury 2000-2018

Willis D. Neurological Injury Compensation Association, Review of all Pregnancy Outcomes that Result in Severe Neurologic Injury to Babies, 2000 – present

Resident Research

Breuel KF, Hjerpe K, **Wood, T.** Collaborator, Determining Prevalence of Trichomoniasis in the Pregnant Population of Eastern Tennessee, Resident Research Project, 2018-2019

Edwards-Silva R. 2019 Appalachian Student Research Forum

Fasanmi OS, **Edwards-Silva R.** Clinical Field Preceptor and Faculty Research Advisor for MPH Graduate Student, *The Unique Interplay of Peripartum Cardiomyopathy and Preeclampsia in an Appalachian Obstetric Patient*, , Department of Biostatistics and Epidemiology, College of Public Health, and Department of Obstetrics and Gynecology, East Tennessee State University, Quillen College of Medicine, Millennium Center, Johnson City, Tennessee, April 12, 2019.

Rouse A, **Salyer, T.** Quality Improvement Project Focusing on Postpartum Care 2018.

Sarkodie OL, **Marquette, M.** Case Report Advisor, "Manual Extraction of Focal Placenta Accreta after VAVD", Ready for publication pending pathology slides.

Sarkodie OL, **Spann E.** QI Project Advisor, "Informed Consent for ECV at JCMC", Presented to IRB for approval.

Sarkodie OL, **Salstrom P.** Research Advisor, "Necessity of Doxycycline Prior to D&C for MAB", Preparing to submit to IRB

Sarkodie OL, **Phelps A.** Research Advisor, HIV Screening and a case report correcting late decelerations with adequate maternal glucose control in patient with a normal testing results for GDM, 2018-2019

Martin E. Olsen, MD Resident Research Competition, June 7, 2019, Clinical Education Building 1, Votaw Auditorium, Johnson City, TN

Brad Wood, Edwards-Silva R. Case Report: "Early HELLP Syndrome in the Setting of Potter Sequence", 2018-2019

Alyssa Phelps, Sarkodie O. Mentor, "Fetal Decelerations Resolved by Unrestricted Oral Intake in a Non-diabetic Patient", 2018-2019

Arielle Schreck. "Transgender Issues in Healthcare System", 2018-2019

Charlotte Alexander. "High Prevalence of Buprenorphine in Prenatal Drug Screens in an Appalachian City", 2018-2019

Khaki Marquette, Sarkodie O. Mentor, Case Report: "Uterine Preservation after Vaginal Delivery with Manual Extraction of Focal Placenta Accreta", 2018-2019

Pete Salstrom. "Surgical Pelvic Anatomy for Medical Students", 2018-2019

Lauren Mann. Case Report: "Uterine Didelphys and Endometriosis Presenting as Acute Right Lower Quadrant Pain", 2018-2019

Ron Reyes. “Immediate post-partum LARCs: Focus on Preventing Short Interval Pregnancies”, 2018-2019

Taylor Salyer. Poster Presentation: “Postpartum Care at ETSU: A Quality Improvement Project”, 2018-2019

Jennifer Solomon. Poster Presentation: “Normal 24-Hour Urine Protein Levels in Hypertensive Pregnancies”, 2018-2019

Emily Spann. Poster Presentation: “Can ‘Wheelchair Barbie’ Be Seen in Our Clinic?”, 2018-2019

Jessica Walker. Poster Presentation: “Use of Thiel Cadavers in Obstetrics and Gynecology Resident Training in Hysteroscopy”, 2018-2019

Other Departmental

Breuel, KF. ETSU Clinical Lab Training Rotation, (1 Week/Rotation), Medical Laboratory Technology Program, Northeast State Community College, 15 Students, 2018-2019.

Hjerpe, K. NIH Study: Electronic cigarette during pregnancy partnered with Family Practice Department and University of Connecticut, in process

Willis D. Coordinated establishment of Advanced Maternal Age Genetic clinic with Pediatric Genetic, In progress

V. VISITING PROFESSORS

Name: Mark K. Dodson, MD
Title: Associate Professor
Institution: University of Utah
Date: May 16, 2019
Event: 24th Annual Dr. Dillard M. Sholes Jr., and Mrs. Mattie E. Sholes Distinguished Lectureship
Topic: “Surgical Site Infections and Wound Management”

VI. EXTRAMURAL FUNDING

A. Peer Review

Rouse A. Johnson City Medical Center Department of OB/GYN Peer Review
Committee Member, 2011-present

B. Other Sponsored Activities

Faculty	Agency	Project Period	Current Year Award	Total Award
Chair	Northeast TN Regional Perinatal Center (MSHA/MEAC)	7/1/2018 - 6/30/2019	\$70,600	\$70,600