

RESEARCH NEWSLETTER

Research Publications



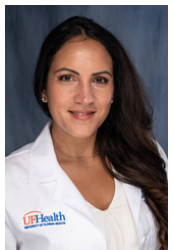
Shireen Madani Sims, MD

Baecher-Lind L, Morgan HK, Bhargava R, Chen KT, Fleming A, **Sims SM**, Morosky CM, Schaffir J, Sonn T, Stephenson-Famy A, Sutton JM, Royce CS. (2024). Under pressure: Supporting academic faculty in demanding times. *Medical Teacher*, 1-5.
<https://doi.org/10.1080/0142159x.2024.2422006>



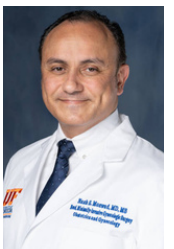
Jordan A McKinney, MD, MBA

Beste ME, Kaunitz AM, **McKinney JA**, Sanchez-Ramos L. (2024). Vaginal Estrogen Use in Breast Cancer Survivors: A Systematic Review and Meta-Analysis of Recurrence and Mortality Risks. *Am J Obstet Gynecol*, <https://doi.org/10.1016/j.ajog.2024.10.054>



Amira Prema Quevedo, MD

Quevedo A, Parikh S, Reinstine J, Chamseddine P, Gaskins JT, Whalen C, Biscette S, Pasic RP. (2025). The impact of metronidazole on pain persistence after fertility-sparing endometriosis surgery: METROFERT randomized study. *Am J Obstet Gynecol*, 232(1), 06.e1-106.e9. <https://doi.org/10.1016/j.ajog.2024.07.006>



Dantzler MD, Miller TA, Dougherty MW, **Quevedo A**. (2024). The Microbiome Landscape of Adenomyosis: A Systematic Review. *Reprod Sci*, <https://doi.org/10.1007/s43032-024-01766-7>

Carugno T, **Quevedo A**, Moawad N. (2024). A Long Road Ahead: Medical Management for Endometriosis-Related Pain. Just keep looking. *Fertil Steril*, 123(2), 237-238.
<https://doi.org/10.1016/j.fertnstert.2024.11.015>

Research Publications (Continued)



Rodney K Edwards, MD, MS

Palatnik A, Leach J, Harper L, Sibai B, Longo S, Dugoff L, Lawrence K, Hughes BL, Bell J, **Edwards RK**, Gibson KS, Rouse C, Plante L, Hoppe KK, Foroutan J, Tuuli M, Simhan HN, Frey H, Rosen T, Metz TD, Baker S, Kinzler W, Su EJ, Krishna I, Norton ME, Skupski D, El-Sayed YY, Pereira L, Magann EF, Habli M, Geller NL, Williams S, McKenna DS, Chang E, Quinones J, Szychowski JM, Tita ATN. (2024). Antihypertensive therapy and unplanned maternal postpartum health care utilization in patients with mild chronic hypertension. *Am J Obstet & Gynecol MFM*, 6(12), 101525. <https://doi.org/10.1016/j.ajogmf.2024.101525>

Presentations and Conferences

September 2024-December 2024 | Abstracts presented at the 34th World Congress of ISUOG in Budapest

Rameh G, Valencia CM, Seshadri S, Helou N, Aboujaoude I, **Abu-Rustum RS**, Chalouhi GE. OC07.05: Integrating artificial intelligence as a virtual assessor for ISUOG's Basic Training trainees. (Oral Communication)

Chatham C, Burke N, Lamoutte C, DeSena G, Szlachetka KL, DeKorver J, **Abu-Rustum RS**. EP21.22: Intramural heterotopic pregnancy: a case report and review of the literature. (Poster)

November 13-16, 2024 | Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS), Pittsburgh, PA

Sidhom S, Snyder DL, Tillotson SG, Chatham CE, Solly M, **Moawad N**. AI-Driven Endometriosis Prediction Model. (Poster)

November 15-17, 2024 | The American Association of Gynecologic laparoscopists 53rd Annual Congress, New Orleans, LA

Chatham CE, Snyder DL, Sidhom S, Tillotson SG, Solly M, Calibo T, Daniels J, Zapata RD, **Quevedo A**, Modave F, **Moawad N**. Development of an AI-driven Endometriosis Prediction Model. (Poster)

Miller TA, **Moawad N**. Laparoscopic Excision of Bladder Endometriosis. (Video)

January 27- February 1, 2025 | Abstracts presented at the Society for Maternal-Fetal Medicine 2025 Pregnancy Meeting™

Rubenstein A, Pierce SL, McDougal M, Peck J, Schone E, Xing A, Harter M, Jillson R, St Pierre D, **Edwards RK**. Diagnostic performance of three methods of fetal growth restriction diagnosis. (Poster)

Rubenstein A, Pierce SL, McDougal M, Peck J, Schone E, Xing A, Harter M, Jillson R, St Pierre D, **Edwards RK**. Resource utilization and neonatal outcomes with three methods of fetal growth restriction diagnosis. (Poster)

Pierce SL, Peck J, Schone E, Myers D, **Edwards RK**. Effect of intrapartum antibiotic prophylaxis on systemic maternal inflammation during labor induction. (Poster)

Presentations and Conferences (Continued)

Berwick M, Wu T, **Garvan C**, **Edwards RK**. Organ injury during primary and repeat cesarean: cross sectional analysis from the National Inpatient Sample. (Poster)

McKinney JA, Vilchez G, Sanchez-Ramos L. Tranexamic acid prevents postpartum hemorrhage during cesarean delivery: a meta-analysis. (Poster)

McKinney JA, Vilchez G, Nino JM, Lin L, Sanchez-Ramos L. Metal staples do not increase wound complications after cesarean delivery in obese patients: a meta-analysis. (Poster)

McKinney JA, Vilchez G, Lin L, Sanchez-Ramos L. Antenatal corticosteroids show limited benefit in improving neonatal outcomes in late-preterm fetuses: a meta-analysis. (Poster)

McKinney JA, Meiser R, Sanchez-Ramos L. Does the definition of significant proteinuria matter? A retrospective cohort study. (Poster)

Silva LM, Qezelbash-Chamak J, Joiner D, Kim M, Hicklin KT, Weiss MD, Berg M, **Garvan C**, **Smulian JC**. A Machine Learning Approach to Intrapartum FHRT Analysis To Identify Neonates Requiring Therapeutic Hypothermia. (Poster)

Silva LM, **Rogers C**, Astarita E, Mahesh D, Campbell P, Snyder D, Diaz N, Edwards A, Lamoutte C, Henderson R, Huynh K, Reilly T, Gurka M, **Wen T**, **Louis-Jacques AF**. The Association Between Excessive Gestational Weight Gain in Obese Patients and Intrapartum and Postpartum Outcomes. (Poster)

January 30-February 1, 2025 | Research Presentations at the University of Florida COM Celebration of Research

Snyder DL, Sidhom S, Zapata R, Chatham C, Tillotson S, Solly M, Daniels J, Calibo T, Modave F, **Quevedo A**, **Moawad N**. Precision in Prediction: Harnessing Machine Learning for an Innovative Endometriosis Prediction Model. (Poster)

Snyder D, Tillotson S, Solly M, Chatham C, **Moawad N**. The Role of Patient-Reported Pain and Physical Examination in Endometriosis Site Prediction. (Poster)

Presentations and Conferences (Continued)

Snyder D, Tillotson S, Chatham C, Solly M, **Moawad N**. Racial Disparities in Endometriosis Diagnosis: Evidence of Late-Stage Presentation Among Nonwhite Patients. (Poster)

Chatham C, Snyder D, Tillotson S, Solly M, Sidhom S, **Moawad N**. Dyspareunia: The Hidden Impacts of Endometriosis. (Poster)

Tillotson S, Snyder D, Chatham C, Solly M, Sidhom S, **Moawad N**. Impact of Family History on the Diagnosis and Presentation of Endometriosis: A Ten-Year Analysis. (Poster)

March 2025 | The Society of Gynecologic Surgeons Annual Clinical Meeting, Rancho Mirage, CA

Lerner V, Frost A, King CR, Katz A, **Moawad N**, Levy B, Bar-El L, Long JB. Validity Evidence for the Essentials in Minimally Invasive Gynecologic Surgery (EMIGS) Laparoscopic Skills. (Poster)

Barake C, **Moawad N**. Ureteral, Bladder and vaginal endometriosis excision and ureteral reimplantation. (Poster)

March 25-29, 2025 | Abstracts to be presented at the Annual Scientific Meeting of the Society for Reproductive Investigation

Eagle E, Mohr S, Greene K, Webb O, Oh J, Pierce SL, **Edwards RK**, Schone E, Peck J. Effect of intrapartum antibiotic prophylaxis for group B streptococcus on cesarean delivery rate. (Poster)

Silva L, Garvan C, Louis-Jacques A, Edwards RK. Cervical ripening: effect of obesity. (Poster)

Shi M, Sirohi VK, **Moawad N**, Cooke P, MacLean J, Hayashi K. Single-cell transcriptomics illustrates distinct peritoneal immune cell composition in endometriosis. (Poster)