

Jose Ramon Duncan, M.D.

University of South Florida, Morsani College of Medicine, Tampa, Florida

Address 2 Tampa General Circle, 6th floor. Tampa, FL 33606**Citizenship**

United States

Panama

EducationEscuela Autonoma de Ciencias Medicas de Centro America
Medical Doctor

7/1995-6/1999

Escuela Autónoma de Ciencias Médicas de Centro América,
Bachelor in Health Science

7/1994-6/1995

Postgraduate Training

University of Tennessee, Memphis, TN

Maternal-Fetal Medicine Fellowship

2015-2018

Wayne State University, Detroit, MI Obstetrics & Gynecology Residency

2003-2007

Other training

Felix Rutledge fellowship, MD Anderson Cancer Center, Houston, Tx

11/2006

Cecilio Castellero Hospital, Herrera, Panama. Second Year Internship

2000-2001

Santo Tomas Hospital, Panama, Panama. First Year Internship

1999-2000

Board Certification and Licenses

American Board of Obstetrics and Gynecology, Maternal-Fetal Medicine

2023

American Board of Obstetrics and Gynecology, Obstetrics & Gynecology

2010

State of Florida medical license, ME 136035

2018-present

State of Tennessee medical license, 52417

2015-2020

State of Nevada medical license, 12545

2007-2019

State of Michigan medical license, 4301082679

2006-2016

Awards and Honors

Certificate of Recognition- Nevada Health Centers	2015
Consumer's Research Council of America – America's Top Ob/Gyn	2013-2014
Certificate of appreciation- Sinai Grace Hospital research day	2006
Cum Laude Probatus Licenciante in Medicine	1998

Appointments (academic, administrative, hospital, other)

Associate Professor, Department of Obstetrics and Gynecology University of South Florida Morsani College of Medicine	7/2024-present
Director of Prenatal Imaging, Department of Obstetrics and Gynecology University of South Florida Morsani College of Medicine	7/2024- present
Assistant Professor, Department of Obstetrics and Gynecology University of South Florida Morsani College of Medicine	2018-present
Medical Director, Maternal-Fetal Medicine Services Tampa General Hospital	2019-present
Attending physician, USF Health Fetal Care Center of Tampa Bay	2019-present
Instructor, Department of Obstetrics and Gynecology University of Tennessee Health Science Center	2015-2018
Clinical Assistant Professor, Department of Obstetrics and Gynecology University of Nevada	2009-2015
Adjunct Assistant Professor of Obstetrics and Gynecology Osteopathic College of Medicine, Touro University	2008-2015

Teaching

Undergraduate

BCC 7185 Maternal-newborn Pediatrics clerkship, USF	2018-present
Adjunct faculty of Obstetrics and Gynecology, Touro University	2008-2015

Graduate Medical (residents, fellows)

Core faculty member, Maternal-Fetal Medicine fellowship, USF	2018-present
Clinical faculty member, Obstetrics and Gynecology residency, USF	2018-present
Clinical faculty member, Obstetrics and Gynecology residency, University of Nevada	2009-2015

Teaching, Mentorship

Emily Heideman, residency research mentorship	2025-present
Katherine Pressman, Maternal-Fetal Medicine fellowship and Residency research and quality project mentor (2 nd prize, 2022)	2020-present

Past Residents and Fellows

Anna M. Scipioni, residency research and quality project mentorship	2020-present
Peeraya Sawangkum, Maternal-Fetal Medicine fellowship and residence research mentorship	2020-present
Corley Rachelle Price, residency research mentorship	2021-2023
Jarred Roeckner, Maternal-Fetal Medicine fellowship research mentorship	2019-2022
Chukwudi Ejiofor, Neonatology fellowship research mentorship	2020-2022
Erica Peterson, Neonatology fellowship mentorship	2020-2022
Katherine Dorsett, Residency research mentorship	2016-2018
Eric Rios-Doria, Residency research mentorship	2016-2018
Erin McDonald, Residency research mentorship	2016-2017
Heather L. Jones, Residency research mentorship	2016-2017

Post graduate courses

Controversies in the Management of FGR. American Institute of Medicine annual meeting. Orlando, FL. March 31, 2025.	03/2025
Fetal Brain Ultrasound at the Society for Maternal Fetal Medicine annual meeting. Aurora CO. Jan 28, 2025	01/2025

Lectures by Invitation**National**

Controversies in diagnosis of FGR. American Institute of Medicine annual meeting. Orlando , FL.	03/2025
Perinatal Infections and the fetal brain. Society for Maternal-Fetal Medicine Annual Meeting January, 2025 Aurora, CO.	01/2025
Fetal Intracranial cyst and other fetal brain tumors. Society for Maternal-Fetal Medicine Annual Meeting January, 2025 Aurora, CO.	01/2025
Introduction for the Obstetrical Ultrasound forum. Society for Maternal-Fetal Medicine 43 rd Annual Meeting February, 2023 San Francisco, Ca.	02/2023

Current management of Fetal Growth Restriction. University of Tennessee Health Science Center. Department of Obstetrics and Gynecology Grand Rounds. Memphis, TN 09/2022

Introduction for the Obstetrical Ultrasound forum. Society for Maternal-Fetal Medicine 41st Annual Meeting February, Meeting virtual due to Covid. 02/2021

Regional

Ultrasound: Hands On (obstetrics). 31st Annual Contemporary Issues in Obstetrics and Gynecology. Sandestin, FL. 8/2017

Local

Guidelines for Performing and Reporting of Obstetrical US and then some... Ultrasound quarterly meeting, University of South Florida, Department of Obstetrics and Gynecology. 4/2025

Anemia in Pregnancy: Management, Reducing Maternal Morbidity and Mortality through Telehealth: A Hillsborough County Collaborative. University of South Florida, Department of Obstetrics and Gynecology. 11/2023

Fetal intestinal atresia, Ultrasound quarterly meeting, University of South Florida, Department of Obstetrics and Gynecology. 4/2022

Management of Fetal Growth Restriction. University of South Florida, Department of Obstetrics & Gynecology, Grand Rounds. 9/2021

Covid Update: Hesitancy in the Obstetric Population. University of South Florida, Department of Obstetrics and Gynecology 8/2021

Abdominal wall defects, Ultrasound quarterly meeting, University of South Florida, Department of Obstetrics and Gynecology. 10/2020

Just Images. Fourth Annual Fetal & Neonatal Imaging: Analysis Across a Life Border. Memphis, TN 10/2016

Fellowship lectures

Ultrasound conference, USF Maternal-Fetal Medicine fellowship 05/2023-present

Fetal Brain Ultrasound 11/2024

Blunt trauma in pregnancy 10/2023

Monkeypox in pregnancy, Journal club, Maternal-Fetal Medicine USF journal club 08/2022

Fetal care center updates: Gastroschisis, Conjoined twins 06/2022

Respiratory disease in pregnancy 05/2022

Anti-Kell antibodies in pregnancy. Maternal-Fetal Medicine USF journal club 03/2021

Fetal care center updates Lower urinary tract dilation 01/2021

Inflammatory Bowel disease in pregnancy 12/2020

Fetal Anatomy survey

07/2020

Resident lecturesPreterm prelabor rupture of membranes
Fetal growth restriction08/2024
06/2020**Clinical Activities**

American Board of Obstetrics and Gynecology, MOC

11/2023

Scholarly Activity**Current grants**

Agency: Roche Diagnostics

ID#: HSC-612200-22000-6122803500

Title: The Impact of the Roche Elecsys sFlt-1/PIGF ratio on Clinical Decision Making in Suspected PreEclampsia.

PI: Jose Duncan-Arosemena

Percent effort: 35%

Cost: 27,114.78

Project period: July 2, 2021 - July 1, 2026

Published Bibliography (peer reviewed)

1. Scipioni AM, Van Deman H, Tanner JP, Salemi JL, **Duncan JR**. Perinatal outcomes in adolescent pregnancies: A retrospective analysis of 3.6 million deliveries from 2000-2019 in Florida. J Pediatr Adolesc Gynecol. 2025 May 20:S1083-3188(25)00268-2. doi: 10.1016/j.jpag.2025.05.001. Epub ahead of print. PMID: 40403873
2. Pressman K, Markel L, Odibo A, **Duncan JR**. Perinatal outcomes based on placental cord insertion site. Am J Perinatol 2025. Am J Perinatol. 2025 May 5. doi: 10.1055/a-2599-4764. Online ahead of print. PMID: 40324464
3. **Duncan JR**, Markel L, Pressman K, Rodriguez A, Obican SG, Odibo A. Comparison of umbilical artery pulsatility index reference ranges. Ultrasound Obstet Gynecol 2025. DOI: 10.1002/uog.29142. PMID: 39743627

4. ElSeed Peterson EE, Roeckner JT, Deall TW, Karn M, **Duncan JR**, Flores-Torres J, Kumar A, Randis TM. Need for Gastrostomy Tube in Periviable Infants. *Am J Perinatol*. 2024 Mar 21. doi: 10.1055/s-0044-1781461. Epub ahead of print. PMID: 38513690.

5. Kawakita T, Vilchez G, Nehme L, Huang JC, Houser M, **Duncan J**, Aziz M. Adverse maternal outcomes associated with major fetal malformations after singleton live birth. *Am J Obstet Gynecol MFM*. 2023 Aug 12:101132. doi: 10.1016/j.ajogmf.2023.101132. Online ahead of print.

6. Sanchez-Ramos L, Vilchez G, **Duncan JR**, Condon N, Wheatley J, Ling L Single-balloon catheter with concomitant vaginal misoprostol is the most effective strategy for labor induction: a meta-review with network meta-analysis. *Am J Obstet Gynecol*. 2023 Jul 16: <https://doi.org/10.1016/j.ajog.2022.01.005>. Online ahead of print.

7. Abrao Trad A T, Buddington R, Enninga E, **Duncan J**, Schenone CV, Mari G, Buddington K, Schenone M. (April 27, 2023) Report of an Experiment With a Fetal Ex-Utero Support System in Piglets. *Cureus* 15(4): e38223. doi:10.7759/cureus.38223

8. Schenone C V, Rodriguez A, **Duncan J**, et al. (April 27, 2023) Giant Placental Chorangioma and Severe Ductal Arch Constriction: A Case Report With a Favorable Outcome. *Cureus* 15(4): e38209. doi:10.7759/cureus.38209

9. Flores-Torres J, Sanchez-Valle A, **Duncan JR**, Panzarino V, Rodriguez JM, Kirby, RS, Lower Urinary Tract Obstruction in Newborns. *Adv Pediatr*. 2023 Aug;70(1):131-144. doi: 10.1016/j.yapd.2023.03.001. Epub 2023 May 15. PMID: 37422291

10. Ejiofor CO, Ford S, **Duncan JR**, Rideout D, Kumar A, Donda K, Flores-Torres J. Gastroschisis Outcomes: Presence of Histologic Chorioamnionitis and the Impact on Time to Full Enteral Feeds and Length of Hospital Stay. *Am J Perinatol* 2023 Jan 29. doi: 10.1055/s-0043-1761298. Online ahead of print

11. **Duncan JR**, Schenone C, Obican S. Third trimester uterine artery Doppler for prediction of adverse perinatal outcomes. *Current Opinion in Obstetrics and Gynecology* 2022 Jul 16. doi: 10.1097/GCO.0000000000000809. Online ahead of print. PMID: 35895911

12. Roeckner JT, Peterson E, Rizzo J, Flores-Torres J, Odibo AO, **Duncan JR**. The Impact of Mode of Delivery on Maternal and Neonatal Outcomes during Periviable Birth (22-25 Weeks). *Am J Perinatol*. 2022 May 31. doi: 10.1055/a-1788-5802. Online ahead of print. PMID: 35253122
13. Roeckner JT, Pressman K, Odibo L, **Duncan JR**, Odibo AO. In Reply: *Ultrasound Obstet Gynecol*. 2021 Sep;58(3):494-495. doi: 10.1002/uog.23748
14. Roeckner JT, Pressman K, Odibo L, **Duncan JR**, Odibo AO. In Reply: *Ultrasound Obstet Gynecol*. 2021 Aug;58(2):329-330. doi: 10.1002/uog.23721.
15. **Duncan JR**, Odibo L, Hoover EA, Odibo AO. Prediction of Large-for-Gestational-Age Neonates by Different Growth Standards. *J Ultrasound Med*. 2021 May;40(5):963-970. doi: 10.1002/jum.15470. Epub 2020 Aug 29. PMID: 32860453.
16. Vilchez G, Kumar K, Singh S, Patel N, Kao M, Lagos M, **Duncan J**. Risk of preterm birth and neonatal outcomes after cerclage placement in triplet pregnancies. *J Matern Fetal Neonatal Med*. 2021 Apr 13:1-7. doi: 10.1080/14767058.2021.1881476. Epub ahead of print. PMID: 33847210.
17. Roeckner JT, Pressman K, Odibo L, **Duncan JR**, Odibo AO. An outcome-based comparison of two international guidelines for defining fetal growth restriction. *Ultrasound Obstet Gynecol*. 2021 Apr 2. doi: 10.1002/uog.23638. Epub ahead of print. PMID: 33798274.
18. Pressman K, Odibo L, **Duncan JR**, Odibo AO. Impact of Using Abdominal Circumference Independently in the Diagnosis of Fetal Growth Restriction. *J Ultrasound Med*. 2021 Mar 6. doi: 10.1002/jum.15690. Epub ahead of print. PMID: 33675562.
19. **Duncan JR**, Leavitt K, Duncan K, Vilchez G. Detection of small for gestational age in preterm prelabor rupture of membranes by Hadlock versus the Fetal Medicine Foundation growth charts. *Obstet Gynecol Sci*. 2021 Jan 25. doi: 10.5468/ogs.20267. Epub ahead of print. PMID: 33486918.
20. **Duncan JR**, Sawangkum P, Hoover EA, Aziz MM, Vilchez G. Birthweight and Apgar at 5 minutes of life for the prediction of severe neonatal outcomes in preterm prelabor rupture of membranes. *J Matern Fetal Neonatal Med*. 2020 Dec 1:1-5. doi: 10.1080/14767058.2020.1854214. Epub ahead of print. PMID: 33403889.

21. **Duncan JR**, Dorsett KM, Aziz MM, Bursac Z, Cleves MA, Talati AJ, Schenone MH, Mejyer NL, Mari G. Estimated fetal weight and severe neonatal outcomes in preterm prelabor rupture of membranes. *J Perinat Med*. 2020 Sep 25;48(7):687-693. doi: 10.1515/jpm-2019-0474. PMID: 32621734.
22. **Duncan JR**, Roeckner JT, Sanchez-Ramos L. A low-cost approach for salpingectomy during cesarean delivery. *Am J Obstet Gynecol*. 2020 Aug;223(2):305-306. doi: 10.1016/j.ajog.2020.03.029. Epub 2020 Apr 2. PMID: 32247838
23. Tobiasz AM, **Duncan JR**, Detti L, Mari G. Lack of fetal insulin resistance in maternal polycystic ovary syndrome. *Reprod Sci*. 2020 Jun;27(6):1253-1258. doi: 10.1007/s43032-019-00125-1. Epub 2020 Jan 28. PMID: 31994004
24. **Duncan JR**, Tobiasz A, Dorsett KM, Aziz MM, Thompson RE, Bursac Z, Talati AJ, Mari G, Schenone MH. Fetal pulmonary artery acceleration/ejection time prognostic accuracy for respiratory complications in preterm prelabor rupture of membranes. *J Matern Fetal Neonatal Med*. 2020 Jun;33(12):2054-2058. doi: 10.1080/14767058.2018.1536744. Epub 2018 Nov 26. PMID:30318947
25. **Duncan JR**, Schenone CV, Dorsett KM, Goedecke P, Tobiasz AM, Meyer NL, Schenone MH, Estimated Fetal Weight Accuracy in Pregnancies with Preterm Prelabor Rupture of Membranes by the Hadlock Method. *J Matern Fetal Neonatal Med*. 2020 May 22:1-5. doi: 10.1080/14767058.2020.1769593. Online ahead of print. PMID: 32441170
26. **Duncan J**, MacDonald E, Dorsett K, Nayyar M, Bursac Z, Schenone M. Does left ventricular hypertrophy by electrocardiogram predict adverse outcomes in pregnancies with chronic hypertension?. *J Matern Fetal Neonatal Med*. 2020 May;33(10):1638-1642. doi: 10.1080/14767058.2018.1524457. Epub 2018 Oct 29. PMID: 30227767
27. Roeckner JT, Sawangkum P, Sanchez-Ramos L, **Duncan JR**. Salpingectomy at the time of cesarean delivery: A systematic review and meta-analysis. *Obstet Gynecol*. 2020 Mar;135(3):550-557. PMID: 32080033.
28. **Duncan JR**, Dorsett KM, Vilchez G, Schenone MH, Mari G. Uterine artery pulsatility index for the prediction of obstetrical complications in preterm prelabor rupture of membranes. *J Matern Fetal Neonatal Med*. 2019 Dec 16:1-4. doi: 10.1080/14767058.2019.1702961. [Epub ahead of print]. PMID: 31842648

29. **Duncan JR**, Schenone MH, Argoti PS, Mari G. Middle cerebral artery peak systolic velocity in perinatal cytomegalovirus infection. *J Clin Ultrasound*. 2019; 1–4. <https://doi.org/10.1002/jcu.22715>
30. **Duncan JR**, Jones H, Hoffer S, Schenone M, Mari G. Bilateral salpingectomy versus bilateral partial salpingectomy during cesarean delivery. *Int Journal of Womens Health*. 2018 Oct 23;10:649-653 doi: 10.2147/IJWH.S180329. eCollection 2018.PMID:30425586
31. **Duncan J**, Chotai P, Slagle A, Talati A, Huang E, Schenone M. Mode of delivery in pregnancies with gastroschisis according to delivery institution. *J Matern Fetal Neonatal Med*. 2019 Sep;32(18):2957-2960. doi: 10.1080/14767058.2018.1450860. Epub 2018 Mar 21. PMID: 29562799.
32. Schenone M, Zeibarth S, **Duncan J**, Stokes L, Hernandez A. Effects of a proposed quality improvement process in the proportion of the reported ultrasound findings unsupported by stored images. *J Matern Fetal Neonatal Med*. 2019 Jul;32(14):2328-2331. doi: 10.1080/14767058.2018.1432587. Epub 2018 Feb 5. PMID: 29402162
33. Salama-Bello R, **Duncan JR**, Howard SL, Song J, Schenone MH. Placental Location and the Development of Hypertensive Disorders of Pregnancy. *J Ultrasound Med*. 2019 Jan;38(1):173-178. doi: 10.1002/jum.14681. Epub 2018 May 6. PMID: 29732593.
34. Simakova M, Tobiasz A , Sullivan RD ,Bisen S , **Duncan J** ,Sullivan JP, Davison S, Tate DL, Barnett S, Mari G, Dopico AM, Bukiya AN. Gestational Age-Dependent Interplay between Endocannabinoid Receptors and Alcohol in Fetal Cerebral Arteries. *Journal of Drug and Alcohol Research* 2019 doi:10.4303/jdar/236068
35. Tobiasz AM, **Duncan JR**, Bursac Z, Sullivan RD, Tate DL, Dopico AM, Bukiya AN, Mari G. The Effect of Prenatal Alcohol Exposure on Fetal Growth and Cardiovascular Parameters in a Baboon Model of Pregnancy. *Reprod Sci*. 2018 Jul;25(7):1116-1123. doi: 10.1177/1933719117734317. Epub 2017 Oct 5. PMID: 28982294; PMCID: PMC6346348.
36. North K, Tobiasz A, Sullivan RD, Bursac Z, **Duncan J**, Sullivan JP, Davidson, S, Tate DL, Barnett S, Mari G, Bukiya AN. Prenatal Alcohol Exposure, Anesthesia, and Fetal Loss in Baboon Model of Pregnancy. *J Drug Alcohol Res*. 2018 Jun; 7: 236064. PMID: 30656064

37. **Duncan JR**, Tobiasz AM, Bursac Z, Rios-Doria EV, Schenone MH, Mari G. Uterine artery flow velocity waveforms before and after delivery in hypertensive disorders of pregnancy near term. *Hypertension in Pregnancy*, 2018; 37(3):131-136. PMID: 30019974.
38. **Duncan JR**, Schenone MH, Mari G. Technique for bilateral salpingectomy at the time of Cesarean delivery: a case series. *Contraception*. 2017; 95 (5): 509-11. PMID: 2863747
39. Santolaya-Forgas J, Mahoney M, Abdallah M, **Duncan J**, Delgado A, Stang P, DeLeon J and Castracane VD. Fetal gender and maternal serum screening markers. *Genetics in Medicine*. 2006 Oct; 10(8): 671-672. PMID: 17079885.

Manuscripts in press

D'Antonio F, Khalil A, Pilu G, Timor-Tisch I, **Duncan-Arosemena J**, Galindo A, Rizzo G, Grisolia P, Del Valle, L Poo R. How to get the most of your axial views of the fetal brain: applying the principles of neurosonography to the screening assessment of the supra-tentorial central nervous system. *Ultrasound Obstet Gynecol* 2025

Pressman K, Nunge R, Erewich M. Vilchez G, Odibo A, **Duncan JR** Comparison of abdominal circumference references for the prediction of small for gestational age. *Am J Obstet Gynecol MFM*. 2025

Publications not in pubmed

Schenone, C.V., **Duncan, J.R.** & Lockwood, C.J. Vaginal Progesterone for the Prevention of Preterm Birth in Pregnancies with Short Cervix. *Curr Obstet Gynecol Rep* **14**, 1 (2025). <https://doi.org/10.1007/s13669-024-00408-8>

Invited Publications

Schenone CV, **Duncan JR**, Lockwood CR. Vaginal progesterone for the prevention of preterm birth in pregnancies with short cervix. *Current Obstetrics and Gynecology Reports* 2024

Pressman K, **Duncan JR**. Macroglosia. *Visual Encyclopedia of Ultrasound in Obstetrics and Gynecology*, www.isuog.org

Polic Aleksandra, **Duncan Jose R**: Cloacal Exstrophy. *Visual Encyclopedia of Ultrasound in Obstetrics and Gynecology*, www.isuog.org, May, 2020.

Hoover Elizabeth, **Duncan Jose R**: Bladder Exstrophy. *Visual Encyclopedia of Ultrasound in Obstetrics and Gynecology*, www.isuog.org, June, 2020

Book chapters

Duncan JR Diseases of the Liver, Biliary System, and Pancreas: In Creasy-Resnik Maternal-Fetal Medicine Study Guide . Elsevier. 2023

Jose R Duncan and Anthony O. Odibo Prenatal diagnosis of deviant fetal growth In Reece's: Clinical Obstetrics: The Fetus & Mother Fourth Edition Wolters Kluwer 2022.

Schenone M, **Duncan J**, Levi-Dancona R, Mari G. Doppler ultrasonography for the diagnosis and management of fetal anemia, hydrops, and fetal lung maturity. In: Fleischer's Sonography in Obstetrics & Gynecology textbooks and teaching cases 8th ed. New York, NY. McGraw Hill Education;2017.

Duncan JR in: Handbook of Obstetric Cervical Length measurement . In: Ultrasound Guidelines for Sonographers and Clinicians 5th edition April 2021

Duncan JR Doppler ultrasound in Obstetrics. In: Handbook Ultrasound Guidelines for Sonographers and Clinicians 5th edition April 2021

Duncan JR Fetal Growth Restriction. In: Handbook Ultrasound Guidelines for Sonographers and Clinicians 5th edition April 2021

Published abstracts*Oral Presentations*

Duncan JR, Schenone MH, Mari H. Middle cerebral artery peak systolic velocity in perinatal cytomegalovirus infection. American Institute of Ultrasound in Medicine Annual convention. Orlando, FL. April, 2019

Dorsett KM, Schenone C, Schenone MH, Goedecke T, **Duncan JR**. Estimated fetal weight in pregnancies with PPRM by the Hadlock method. American Institute of Medicine Annual Convention. Orlando , FL. April, 2019.

Dorsett KM, **Duncan JR**, Willingham L, Schenone M, Mari G. Uterine artery pulsatility index as a predictor of placenta vascular complications in pregnancies with PPRM. American Institute of Ultrasound in Medicine Annual Convention. Orlando, FL. April 2019.

Duncan JR, Aziz MM, Tobiasz AM, Dorset KM, Bursac Z, Mari G, Schenone MH. Fetal Pulmonary Artery Acceleration/ejection Time Predicts Respiratory Complications in PPRM. American Institute of Ultrasound in Medicine Annual Convention. New York, NY March 2018.

Duncan JR, Rios-Doria E, Tobiasz AM, Bursac Z, Schenone MH, Mari G. Postpartum Magnesium Sulfate Effect on the Uterine Artery Pulsatility Index.

American Institute of Ultrasound in Medicine Annual Convention. New York, NY March 2018.

Salama-Bello R, **Duncan JR**, Howard SL, Sung J, Schenone MH. Placental Location and Hypertensive Disorders of Pregnancy. American Institute of Ultrasound in Medicine Annual Convention. New York, NY March 2018.

Duncan JR, Tobiasz, AM, Thompson, R, Mari G, Schenone MH. Pulmonary artery acceleration/ejection time as a predictor of neonatal respiratory complications in patients with preterm premature rupture of membranes. International Society of Ultrasound in Obstetrics and Gynecology annual convention. Vienna, Austria. September 2017.

Duncan JR; Tobiasz AM; Schenone MH; Mari, G. Uterine Artery Flow Velocity Waveforms pattern before and after delivery in hypertensive disorders of pregnancy. 2017 American Institute of Medicine Annual Convention; Orlando, FL. March 2017.

Poster Presentations

Pressman K, Erwich M, Vilchez G, Odibo AO, **Duncan JR**. Comparison of fetal abdominal circumference references for the prediction of SGA. Presented at the Society for Maternal-Fetal Medicine Annual Meeting in Aurora, Colorado, January 2025

Sawangkum P, Tanner JP, Salemi J, **Duncan JR**. Association Between Hypertensive Disorders and Neonatal Mortality Among Periviable Deliveries. Presented at the Society for Maternal-Fetal Medicine Annual Meeting in Aurora, Colorado, January 2025

Akers A, Markel L, Arora S, Stewart S, **Duncan JR**, Louis JM. Impact of Obesity Class on Severe Maternal Morbidity in Pregnancies with Postpartum Hemorrhage. Presented at the Society for Maternal-Fetal Medicine Annual Meeting in Aurora, Colorado, January 2025

Duncan JR, Markel L, Pressman K, Rodriguez A, Obican SG, Odibo A. Comparison of umbilical artery pulsatility index references. Accepted at the ISUOG 2024 World Congress on Ultrasound in Obstetrics and Gynecology. Budapest, Hungary. September 2024

Markel L, Pressman K, Aziz MM, Vilchez G, Odibo A, **Duncan JR**. Soluble fms-like tyrosine kinase 1 (sFlt-1) for the prediction of small for gestational age (SGA). Accepted at the ISUOG 2024 World Congress on Ultrasound in Obstetrics and Gynecology. Budapest, Hungary. September 2024

Pressman K, Markel L, Odibo A, **Duncan JR**. Perinatal outcomes based on placental cord insertion site. Accepted at the ISUOG 2024 World

Congress on Ultrasound in Obstetrics and Gynecology. Budapest, Hungary. September 2024

Price CR, Luceno L, Osei FG, Vilchez G, Louis J, **Duncan JR**. Induction method combination in patients with hypertensive disorders of pregnancy. Poster presented ACOG's 2024 Annual Clinical and Scientific Meeting. San Francisco, Ca. May 2024.

Markel L, Busho A, **Duncan JR**, Brand KP, Louis JM. Effect of extended postpartum Medicaid on health care utilization in the first year postpartum. Poster presented ACOG's 2024 Annual Clinical and Scientific Meeting. San Francisco, Ca. May 2024.

Scipioni A, VanDeman H, Tanner JP, Salemi J, Duncan J. Adverse Obstetrical Outcomes are Increased in Adolescent Pregnancy. Poster presented at NASPAG 38th Annual Clinical Research Meeting. Orlando, FL, April 2024

Price CR, Cornwall J, Daniel J, Chan M, Chrieki S, Vilchez G, Odibo AO, **Duncan JR**. Factors associated with cesarean delivery following labor induction in pregnancies with preterm preeclampsia. Poster presented at SMFM 43rd Annual Pregnancy Meeting. San Francisco, Ca. Feb 2023.

Sawangkum P, Roeckner J, de Assis V, Pressman K, **Duncan JR**. Hypertensive disorders and perinatal outcomes during periviability. Poster presented at SMFM 43rd Annual Pregnancy Meeting. San Francisco, Ca. Feb 2023.

Roeckner JT, Rizzo J, Peterson E, **Duncan JR**. Risk of Fetal Head Entrapment at 22-25 Weeks. Poster presented at: SMFM's 42nd Annual Pregnancy Meeting; Online Meeting. Feb 2022.

Roeckner JT, Peterson E, Wiseman T, Flores-Torres J, **Duncan JR**. The Impact of Antenatal Interventions on Neonatal Survival for Periviable Infants. Poster presented at: SMFM's 42nd Annual Pregnancy Meeting; Online Meeting. Feb 2022.

Roeckner JT, Peterson E, Rizzo J, Flores-Torres J, **Duncan JR**. Impact of Mode of Delivery on Maternal and Neonatal Outcomes at the Cusp of Viability. Poster presented at: SMFM's 42nd Annual Pregnancy Meeting; Online Meeting. Feb 2022.

Roeckner, J. T., Peterson, E., Rizzo, J., Flores-Torres, J., & **Duncan, J. R.** (2021). 257 Impact of mode of delivery on maternal and neonatal outcomes at the cusp of viability. Poster presented at: SMFM's 41st Annual Pregnancy Meeting; Online Meeting. Feb 2021.

Roeckner, J. T., Peterson, E., Rizzo, J., Flores-Torres, J., **Duncan, J. R.** (2021). 258 The impact of antenatal interventions on neonatal survival for periviable infants. Poster presented at: SMFM's 41st Annual Pregnancy Meeting; Online

Meeting. Feb 2021.

Rizzo, J., Peterson, E., Kondos, N., **Duncan, J. R.**, & Roeckner, J. T. (2021). 501 Risk of fetal head entrapment at 22-25 weeks. Poster presented at: SMFM's 41st Annual Pregnancy Meeting; Online Meeting. Feb 2021.

Aziz M, Kawakita T, Houser M, **Duncan JR**, Vilchez G. (2021) Pregnancies complicated by any fetal anomaly are at increased risk for maternal morbidity and mortality. Poster presented at: SMFM's 41st Annual Pregnancy Meeting; Online Meeting. Feb 2021.

Pressman K, Odibo L, **Duncan JR**, Odibo AO. (2021). Impact of using abdominal circumference independently in the diagnosis of fetal growth restriction. Poster presented at: SMFM's 41st Annual Pregnancy Meeting; Online Meeting Feb 2021.

Duncan JR, Odibo L, Hoover B, Stout M, Odibo A. Large for gestational age detection accuracy by the NICHD racial/ethnic standard and the Hadlock chart. Society for Maternal-Fetal Medicine Annual Meeting. Dallas, TX. February 2020

Roeckner J, Sanchez-Ramos L, **Duncan JR**. Salpingectomy at the time of cesarean delivery: A systematic review and meta-analysis. Society for Maternal-Fetal Medicine Annual Meeting. Dallas, TX. February 2020

Hoover, Odibo L, **Duncan JR**, Stout M, Odibo A. Prediction of Large for gestational neonates using customized fetal growth charts vs. NICHD racial/ethnic standard. Society for Maternal-Fetal Medicine Annual Meeting. Dallas, TX. February 2020

Hoover, Odibo L, **Duncan JR**, Odibo A. Identifying neonatal large for gestational age and adverse outcomes using Customized versus NICHD race-specific standards. Society for Maternal-Fetal Medicine Annual Meeting. Dallas, TX. February 2020

Krstic N, Leveit K, Ranells, Camobell S, **Duncan JR**. Detection of X;18 Unbalanced Translocation after multiple aneuploidy on cfDNA screen. National Society of Genetic Counselors Annual Conference. Salt Lake City, UT. November, 2019.

Duncan JR, Leveit K, Fryer K, Schenone MH, Mari G. Detection of small for gestational age in preterm prelabor rupture of membranes by Hadlock versus the Fetal Medicine Foundation growth charts. Poster presented at the International Society of Ultrasound in Obstetrics and Gynecology annual convention. Berlin, Germany. October 2019.

Mussarat N, Aziz MM, Patterson MM, Duncan JR, Meyer NL. Are longer periods of latency after the diagnosis of preeclampsia predictors of hospital

readmission. American Congress of Obstetricians and Gynecologists annual meeting. Nashville, TN. April 2019.

Duncan JR, Dorsett KM, Bursac Z, Aziz MM, Talati AJ, Mari G, Schenone M. Accurate prediction model of neonatal respiratory complications in pregnancies complicated by PPRM. American Institute of Ultrasound in Medicine Annual Convention. Orlando, FL. April 2019.

Naiha Mussarat, Michael Aziz, Melinda Patterson, **Jose R. Duncan**, Norman Meyer. Postpartum day of discharge associated with readmission in preeclampsia with severe features. Society for Maternal-Fetal Medicine Annual Convention. Las Vegas, NV February, 2019

Duncan JR McDonald EJ, Dorsett KM, Mannu Nayyar, Mauro H Schenone. Does left ventricular hypertrophy by electrocardiogram predict adverse outcomes in pregnancies with chronic hypertension? Presented at the 10th Philadelphia Prenatal Conference. Philadelphia, PA. June 2018.

Duncan JR, Dorset KM, Aziz MM, Tobiasz AM, Bursac Z, Schenone MH. Are Histologic Signs of FIRS Associated with Shorter Latency in Pregnancies Complicated by PPRM?. Presented at the Society for Reproductive Investigation Annual Meeting. San Diego, CA. March 2018.

Duncan JR, Jones HL, Aziz MM, Tobiasz AM, Mari G. Is Bilateral Salpingectomy Associated with Higher Rate of Surgical Complications during Cesarean Delivery? Presented at the Society for Reproductive Investigation Annual Meeting. San Diego, CA. March 2018.

Duncan JR, McDonald EJ, Schenone MH. Does Left Ventricular Hypertrophy Increases the Risk of Adverse Outcomes in Pregnancies with Chronic Hypertension? Presented at the Society for Reproductive Investigation Annual Meeting. San Diego, CA. March 2018.

Duncan JR, Tobiasz AM, Rios-Doria E, Schenone MH, Mari G. Changes in the uterine artery Doppler after delivery in hypertensive disorders of pregnancy may be different in patients with severe features. Society for Maternal-Fetal Medicine Annual Meeting. Dallas, TX January 2018.

Duncan JD, Tobiasz AM, Thompson R, Schenone MH, Mari G. Uterine artery pulsatility index in pregnancies complicated by preterm premature rupture of membranes as predictor of placental vascular complications. International Society of Ultrasound in Obstetrics and Gynecology annual convention. Vienna, Austria. September 2017.

Duncan JR, Tobiasz, AM, Thompson R, Schenone MH, Mari G. The cerebroplacental ratio does not appear to predict severe neonatal outcomes in preterm premature rupture of membranes. International Society of

Ultrasound in Obstetrics and Gynecology annual convention. Vienna, Austria. September 2017.

Duncan JR, Tobiasz, AM, Rios-Doria E, Schenone MH, Mari G. Prediction of adverse outcomes in women with hypertensive disorders of pregnancy near term utilizing the uterine artery pulsatility index. International Society of Ultrasound in Obstetrics and Gynecology annual convention. Vienna, Austria. September 2017.

Duncan JR, Tobiasz AM, Tate D, Schenone MH. Does placental location affect fetal fraction obtained for cell free DNA screening for aneuploidies?. American Institute of Medicine Annual Convention; Orlando, FL. March 2017.

Schenone MH, Ziebarth S, Stokes L, Hernandez A, **Duncan J**. Evaluation of the effects of a proposed quality improvement process in the proportion of reported findings unsupported by stores images?. American Institute of Medicine Annual Convention; Orlando, FL. March 2017

Duncan JR, Chotai PN, Slaggle AK, Huang EY, Talati AJ, Schenone MH. Delivery at Academic Institutions may Improve Cesarean Delivery Rates in Patients with Gastroschisis. Presented at the Society of Reproductive Investigation Annual Meeting Orlando, FL, March 2017.

Tobiasz A, **Duncan J**, Sullivan R, Tate, DL, Dopico A, Bukiya AN, and Mari G. Effect of maternal binge drinking on the fetal circulation. Presented at the Society for Reproductive Investigation Annual Meeting in Orlando, FL, March 2017.

Tobiasz A, **Duncan J**, Detti L, and Gomez L. Maternal and fetal fetuin-A levels in pregnancies complicated by preeclampsia. Presented at the Society for Reproductive Investigation Annual Meeting in Orlando, FL, March 2017.

Simakova, M.N., Tobiasz, A., Bisen, S., Seleverstov, O., Jackson, J.S., Sullivan, R., Sullivan, J.P., Davison, S., **Duncan, J.**, Tate, D.L., Costello, T., Barnett, S., Mari, G., Dopico, A.M., Bukiya, A.N. "Maternal alcohol exposure during mid-pregnancy restricts fetal growth and modulates fetal cerebral artery function". Research Society on Alcoholism 40th annual meeting, Denver, CO. January 2017

Tobiasz AM; **Duncan J**; Mari G; Detti, L. Fetal insulin resistance and maternal polycystic ovary syndrome. Society for Maternal-Fetal Medicine Annual Meeting in Las Vegas, NV, January, 2017.

Pranit N. Chotai, MD; Anna Slagle, MD; **Jose Duncan, MD**; Ajay J. Talati, MD; Mauro Schenone, MD; Max R Langham Jr, MD; Eunice Y. Huang, MD, MS. Are Gastroschisis Patients at risk for Intestinal Ischemia Identifiable at the Time of Initial Neonatal Evaluation?. American Academy of Pediatrics Annual Meeting; San Francisco, CA, October 2016.

Duncan JR, Vallarino, Schenone MH, Tobiasz AM, Talati A. Obstetrical Characteristics of Patients with Hypoxic Ischemic Encephalopathy Undergoing Hypothermia Therapy. Society of Reproductive Investigation Annual Meeting. Montreal, Canada. March 2016.

Duncan JR, Tobiasz AM, Apostolakis-Kyrus K, Tate DL, Gomez LM, Mari G. Validation of a mathematical model to estimate actual hemoglobin value in fetuses at risk for Anemia. 2016. Society of Reproductive Investigation Annual Meeting; Montreal, Canada. March 2016.

Duncan JR, Bryant CS, Shah JP, Solomon LA, Schimp VL, Malone JM, Morris RT. (2007). Median survival after initiation of palliative paracentesis in patients with recurrent ovarian cancer. Society of Gynecology Oncologic Annual Meeting; San Diego, CA. March 2007

Duncan J, Refuerzo JR, Camacho N, Nichanametla J, Blackwell SC, Sokol RJ, Sorokin Y. The effect of glyburide on pregnancy outcomes in morbidly obese women with gestational diabetes. Society for Maternal-Fetal Medicine Annual Meeting. Miami, FL. January 2006.

D'Souza C, Refuerzo JR, Camacho N, **Duncan J**, Nichanametla J, Blackwell SC, Sorokin Y. Perinatal outcomes of women with DKA during pregnancy. Society for Maternal-Fetal Medicine Annual Meeting. Miami, FL. January, 2006.

Abstracts accepted in National or International Conferences

Katherine Pressman, Madeline Erwich, Anthony Odibo, **Jose R. Duncan**. Abdominal circumference < 3rd vs EFW < 3rd %tile to predict adverse outcomes. Accepted at the International Society of Ultrasound in Obstetrics and Gynecology 2025 World Congress on Ultrasound in Obstetrics and Gynecology in Cancun, Mexico.

Roeckner J, Leveit K, **Duncan JR**. Prediction of severe neonatal outcomes by Doppler ratios in pregnancies with PPRM. American Institute of Medicine annual convention. New York, NY. March 2020 (**conferences canceled due to COVID**)

Hoover E, Sawangkum P, **Duncan JR**. Low 5-minute Apgar score and severe neonatal outcomes in preterm prelabor rupture of membranes. American Congress of Obstetricians and Gynecologists Annual Meeting. Seattle Washington. April, 2020 (**conferences canceled due to COVID**)

Other Research and Creative Achievements

Video: technique for bilateral salpingectomy during cesarean delivery.
<https://youtu.be/dnoSgYThfEA> 2017

ServiceScientificNational

Society for Maternal-Fetal Medicine fellow lecture series Moderator: Tuberculosis in Pregnancy	05/2025
Society for Maternal-Fetal Medicine fellow lecture scheduler	03/2025-present
Society for Maternal Fetal Medicine Annual Meeting poster session judge	1/2025
Abstract reviewer, 2024 Graduate Student Research Symposium	2/2024
Chair, Ultrasound Forum, Society for Maternal-Fetal Medicine Obstetrical.	2/2021-2/2023

University

Resident research day judge, Obstetrics & Gynecology University of South Florida	06/2023
Board member, Internal Review Board University of Tennessee Health Science Center	9/2016-5/2018

Professional

Nevada Health Centers OB/GYN Inc., Obstetrics and Gynecology physician Las Vegas, NV.	11/2007-7/2015
Bella Vista Medical Center, Panama, Panama. General Physician/Emergency Department	11/2002-1/2003
Medical Center of Emergencies, Panama, Panama. General Physician/Primary Care Physician	2/2001-7/2001
Romero Medical Center, Panama, Panama. General Physician/Primary Care Physician	1/2001-1/2001

National committees

Society for Maternal-Fetal Medicine Clinical education committee	2023-present
Society for Maternal-Fetal Medicine Obstetrical ultrasound forum leader	2021-2023

Local/Hospital committees

Tampa General Hospital OBGYN Epic governance Chair	2024-present
Tampa General Hospital Medical Staff Peer Review Committee	2023- present
Tampa General Hospital placenta Accreta working group	2022-present
Anesthesia collaborative committee	2022-present
Tampa General Hospital Women's Institute leadership member	2022-present
Tampa General Hospital EPIC governance Ob/GYN representative	2022- 8/2024
Tampa General Hospital Covid Clinical pathway Ob representative	2020-2021
Tampa General OBGYN Best practice committee	2019-present

Tampa General OBGYN Interdisciplinary morbidity and mortality committee

2019-present

Editorial experience (Journal reviewer)

American Journal of obstetrics & Gynecology MFM	6/2025
International Journal of Gynecology and Obstetrics	3/2025-6/2025
Journal of Clinical ultrasound	4/2025-6/2025
Frontiers	4/2025
Ultrasound in Obstetrics and Gynecology	9/2018- 3/2025
Journal of Maternal-Fetal and Neonatal medicine	9/2008-3/2025
Scientific Reports	02/2025
BMC Pregnancy and Childbirth	12/2020-10/2024
Journal of Ultrasound in Medicine	11/2023-6/2024
BMJ Case Reports	4/2024-05/2024
Acta Obstetricia et Gynecologica Scandinavica	10/2023- 05/2024
Journal of Perinatal Medicine	4/2021- 4/2024
Cureus	11/2021-4/2024
American Journal of Perinatology	01/2024
Congenital Anomalies	10/2023
PlosOne	07/2023
Birth Defects Research Journal	1/2018-10/2023
Journal of Clinical Medicine	1/2018-10/2023
Gates Open Research	5/2023
Current Medical Imaging	4/2023
International Journal of Women's Health	9/2022
Pregnancy Hypertension	11/2020

BMC Women's Health	9/2020
British Medical Journal Open access	4/2020
Contraception	12/2018

Editorial experience (Course reviewer)

CMV online course for the Society for Maternal Fetal Medicine (Module 1,2, & 3)	02/2025-05/25
Short Cervix Clinical Webinar for the Society for Maternal-Fetal Medicine	07/2024
Early Management of Achondroplasia: A Micro Chapter Series on Best Practices for the Society of Maternal-Fetal Medicine and Medscape	06/2024
Fetal Growth Restriction Online Course for the Society of Maternal-Fetal Medicine	06/2024

Professional Societies

American Congress of Obstetricians and Gynecologists – Fellow	2003-present
Society for Maternal Fetal Medicine	2016-present
International Society of Ultrasound in Obstetrics and Gynecology	2016-present
American Institute of Ultrasound in Medicine	2016-present

Languages

English and Spanish