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**ALISSA CARVER, MD, FACOG**

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**Education and Training**

08/1999-05/2003 Bachelor of Science, Magna Cum Laude with Honors in Molecular and Cellular Biology, Minor in Spanish and Chemistry – Vanderbilt University, Nashville, TN

08/2003-06/2007 Doctor of Medicine – University of Alabama at Birmingham - Birmingham, AL

07/2007-06/2011 Residency, Obstetrics & Gynecology – University of North Carolina, Chapel Hill, NC

07/2011-06/2014 Fellowship, Maternal-Fetal Medicine – University of Texas Medical Branch, Galveston, TX

**Certifications**

01/2013-present American Board of Obstetrics and Gynecology – Obstetrics & Gynecology

04/2016-present American Board of Obstetrics and Gynecology – Maternal-Fetal Medicine

05/2016 Nuchal Translucency Certification – Perinatal Quality Foundation

04/2018 Medical Laser Safety – Rockwell Laser Industries, Cleveland, OH

07/2018 Clinical Fetoscopy – Fetal Care Academy/University of Leuven, Leuven, Belgium

02/2019 Fetal Therapy Simulation – Mt. Sinai Hospital/University of Toronto, Toronto, Canada

**Licensure (Expiration)**

11/30/2017 State of Georgia, Medical License

05/31/2026 State of Texas, Medical License

06/08/2026 State of Michigan, Medical License

06/08/2026 State of Michigan, Controlled Substance

08/31/2026 State of North Carolina, DEA Registration Controlled Substance

11/18/2024 State of North Carolina, Medical License

**Academic Appointments**

01/2012-06/2014 Clinical Instructor in Obstetrics and Gynecology, University of Texas Medical Branch Hospital, Galveston, TX

08/2014-08/2016 Assistant Professor in Obstetrics and Gynecology, Mercer University School of Medicine, Macon, GA

09/2016-02/2023 Clinical Assistant Professor in Obstetrics and Gynecology, University of Michigan School of Medicine, Ann Arbor, MI

**Clinical Appointments**

08/2014-08/2016 Medical Staff, Navicent Health, Macon, GA (now Atrium Health Navicent)

08/2020-02/2023 Medical Staff, Upper Peninsula Health System, Marquette, MI

04/2023-present Medical Staff, New Hanover Regional Medical Center, Wilmington, NC

**Private Practice**

08/2014-08/2016 Perinatal Associates, Navicent Health (now Atrium Health Navicent MFM)

840 Pine Street, Ste 990, Macon GA 31201

04/2023-current Wilmington Maternal-Fetal Medicine, Wilmington, NC

2212 Delaney Ave, Wilmington, NC 28403

**Grants**

06/2020-05/2021 MeasHER Surgical Drape for Post-Partum Hemorrhage - Michigan C3i (Coulter College Commercializing Innovation) Planning Program

Award: $10,000; Co-I without effort

11/2019-10/2021 Developing an Early Warning System for Treatment of Postpartum Hemorrhage Using Time-Series Machine Learning Models - Precision Health's Investigators Awards

Award: 300,000; Co-I with effort

07/2019-06/2020 Development of a Fetal Hemoglobin Blood Bank - University of Michigan Department of Surgery

Award: 19,074; Co-I with effort

09/2020-08/2025 Maternal metabolic and molecular changes induced by preconception weight loss and their effects on birth outcomes – DRDA# - 20-PAF05496, NIH 5 R01 DK124862-05 (University of MI)

Award: $3,847,947.00, Co-I with effort

06/2021-05/2026 Surveillance and Treatment to Prevent Fetal Atrioventricular Block Likely to Occur Quickly (STOPBLOQ) – NIH 1R01HD100929-01A1;

Local Award - $11090.13; Local Co-PI with effort (University of MI)

**Honors and Awards**

2004 University of Alabama at Birmingham School of Medicine Outstanding Research Related to Women’s Health

2010-2011 University of North Carolina School of Medicine Golden Tar Heel Award for Excellence in Medical Student Teaching

2012-2013 University of Texas Medical Branch School of Medicine Golden Apple Award for Excellence in Medical Student Teaching

2013 Society for Maternal-Fetal Medicine Excellence in Research in Maternal-Fetal Medicine

2015 Mercer University School of Medicine Excellence in Medical Student and Resident Education

**Professional Memberships**

Alpha Omega Alpha

American College of Obstetricians and Gynecologists

American Institute of Ultrasound in Medicine

International Society for Ultrasound in Obstetrics and Gynecology

Pan-American Society for Placenta Accreta Spectrum

Society for Maternal-Fetal Medicine

**Editorial/Peer-Review Service**

Study Section

2019-2020 Michigan Institute for Clinical and Health Research (MICHR) KL2 Grant Application Review (ad hoc)

Journal Reviewer

2013-present Obstetrics and Gynecology (ad hoc)

2021-present American Journal of Perinatology (ad hoc)

2022-present PLOS One (ad hoc)

**Teaching Activity**

Graduate Programs

01/2018-06/2018 Abir Azeem, Masters in Physiology, University of Michigan, Capstone Project Mentor: Cytokines affecting the Th17/Treg Balance in Preeclamptic Women

01/2019-02/2019 Brooke Weisenberger, University of Michigan School of Medicine Practice-Based Scientific Inquiry Course, Clinical Mentor: Inpatient or Outpatient – Management of Hypertension in Pregnancy

10/2021-02/2022 Micaela Stevenson, University of Michigan School of Medicine Practice-Based Scientific Inquiry Course, Clinical Mentor: Pathophysiology of Placenta Accreta Spectrum

06/2021-06/2022 Emily Kobernik, MS – University of Michigan Department of Learning Health Sciences, PhD Dissertation Committee Member - Reducing Maternal Mortality and Morbidity in Michigan: The Impact of Patient Safety Bundles

Extramural Invited Presentations/Scientific Conferences

06/2017 Mercer University School of Medicine and Navicent Health Annual Resident Research Day, Macon, GA - Fetal Therapy – Guidelines for the General Obstetrician

03/2018 American Institute for Ultrasound in Medicine Annual Meeting, New York, NY – Sonoslam Course Curricula

09/2018 Michigan Alliance for Innovation on Maternal Health Programs, Upper Peninsula Health Program/Marquette Hospital, Marquette, MI – Hypertension and Postpartum Hemorrhage Bundle Components and Implementation

04/2019 American Institute for Ultrasound in Medicine Annual Meeting, Orlando, FL – Sonoslam Course Curricula

07/2020 St. Joseph’s Mercy Department of Pediatrics Grand Rounds, Ann Arbor, MI/Virtual – The 4th Trimester – Parental Considerations at the Newborn Visit

10/2020 St. Joseph’s Mercy Department of Pediatrics Grand Rounds, Ann Arbor, MI/Virtual – Congenital Anomalies – From Prenatal Diagnosis to Pediatric Care

04/2022 MidMichigan Health Labor & Delivery Virtual Town Hall, Midland, MI/Virtual – Sepsis in Labor and Delivery

05/2022 University of Michigan School of Nursing Global Health Summer Institute, Ann Arbor, MI/Virtual – Pregestational Diabetes

2/2023 Ob/Gyn Delivered - Medical Education Podcast – Multifetal Pregnancies - https://www.obgyndelivered.com/podcast

01/2024 Southern Regional AHEC North Carolina Ob/Gyn Conference, Fayetteville, NC – Pregnancy Planning Visit: How a Good Family History Frames Your Plan of Care

**Committee/ Volunteer Service**

International

2020-present Pan-American Society for Placenta Accreta Spectrum – Education and Scientific Investigation Committees Member

2021-present North American Fetal Therapy Network – Education Committee Member

National

2021-present National Board of Medical Examiners, USMLE Gender, Breast & Reproductive Health Test Material Development Committee Member

Regional/State

2018-2022 Michigan Alliance for Innovation on Maternal Health – Operations and Technical Support Committee Member

2018-2022 Region 9 Perinatal Quality Collaborative (MI) member

Institutional

University of Michigan

2016-2018 Center for International Reproductive Health Training, Research Mentor

2017-2022 Michigan Obstetric Safety Team, Director

2018-2019 Michigan Mortality Prevention Initiative, Member

2018-2019 OB Patient Education Redesign Committee Member

2018-2019 OB Redesign Steering Committee Member

2018-2019 Safe Birth Committee Member

2019-2023 Department of Ob/Gyn - Obstetric Patient Safety Committee

2019-2023 Obstetrics Initiative Stakeholder Committee Member

2020-2021 Clinical Design and Implementation – Maternity Care Working Group

2020-2022 Clinical Design and Implementation – Postpartum Hemorrhage Care Optimization Physician Co-Lead

2020-2023 Michigan Program for Placenta Accreta Spectrum, Founder and Director

New Hanover Regional Medical Center

2023-present Obstetric Operations Committee, Member

**Bibliography**

Peer-Reviewed Journals and Publications

1. Lin MG, Nuthalapaty FS, Carver AR, Case AS, Ramsey PS: Misoprostol for labor induction in women with term premature rupture of membranes: a meta-analysis. Obstet Gynecol 106(3): 593-601, 01/2005. PM16135593
2. Nuthalapaty FS, Carver AR, Nuthalapaty ES, Ramsey PS: The perceived impact of duty hour restrictions on the residency environment: a survey of residency program directors. Am J Obstet Gynecol 194(6): 1556-62, 01/2006. PM16731071
3. Nuthalapaty FS, Carver AR, Nuthalapaty ES, Ramsey PS: The scope of duty hour-associated residency structure modifications. Am J Obstet Gynecol 194(1): 282-8, 01/2006. PM16389044
4. Carver A, Haeri S, Moldenhauer J, Wolfe HM, Goodnight W: Monochorionic diamniotic twin pregnancy: timing and duration of sonographic surveillance for detection of twin-twin transfusion syndrome. J Ultrasound Med 30(3): 297-301, 01/2011. PM21357550
5. Clark SM, Carver AR, Hankins GD: Vaginal birth after cesarean and trial of labor after cesarean: what should we be recommending relative to maternal risk:benefit? Womens Health (Lond Engl) 8(4): 371-83, 01/2012. PM22757729
6. Carver AR, Andrikopoulou M, Lei J, Tamayo E, Gamble P, Hou Z, Zhang J, Mori S, Saade GR, Costantine MM, Burd I: Maternal pravastatin prevents altered fetal brain development in a preeclamptic CD-1 mouse model. PLoS One 9(6): e100873, 01/2014. PM24963809/PMC4071009
7. Carver AR, Tamayo E, Perez-Polo JR, Saade GR, Hankins GD, Costantine MM: The effect of maternal pravastatin therapy on adverse sensorimotor outcomes of the offspring in a murine model of preeclampsia. Int J Dev Neurosci 33: 33-40, 01/2014. PM24287098
8. Carver AR, Aly AM, Munn MB: Prenatal diagnosis and postnatal course of a giant abdominal aortic aneurysm: a case report. Case Rep. Perinat. Med 3(1): 61-63, 01/2014
9. Klumpner TT, Kountanis JA, Meyer SR, Ortwine J, Bauer ME, Carver A, Piehl AM, Smith R, Mentz G, Tremper KK: Use of a Novel Electronic Maternal Surveillance System and the Maternal Early Warning Criteria to Detect Severe Postpartum Hemorrhage. Anesth Analg 131(3): 857-865, 01/2020. PM32022745
10. Klumpner TT, Kountanis JA, Bauer ME, Carver A, Piehl AM, Smith R, Mentz G, Tremper KK: User Perceptions of an Electronic Maternal Alerting System. A A Pract 14(11): e01308, 01/2020. PM32935951
11. Drummond N, Carver A, Bailey J: Evaluation of Implementation and Unit Impact of a Hypertensive Disorder of Pregnancy Guideline: A Model-Based Approach. J Dr Nurs Pract: 01/2021. PM33468618
12. Greco PS, Pitts D, Weadock WJ, Ladino-Torres M, Laventhal NT, Mychaliska G, Treadwell MC, Carver A: Conjoined twins: an obstetrician's guide to prenatal care and delivery management. J Perinatol: 01/2021. PM34158580
13. Gavulic AE, Dougherty D, Li SH, Carver AR, Bermick JR, Mychaliska GB, Hirschl RB, Perrone EE: Fetal hemoglobin levels in premature newborns. Should we reconsider transfusion of adult donor blood? J Pediatr Surg 11/2021. PM34052004
14. Siden Y, Carver A, Mmeje O, Townsel C: Reducing Implicit Bias in Maternity Care: A Framework for Action Women's Health Issues 32(1): 3-8, 01/2022. PM34774401
15. Russo RM, Carver A, Clifford C, Rolston A, Uppal S, Napolitano LM: A Team Approach to Peripartum Hemorrhage Control Incorporating Resuscitative Endovascular Balloon Occlusion of the Aorta. J Trauma Acute Care Surg93(2): e89-e95; 8/2022 PM35319543
16. Zurales KR, Janke M, Carver AR, Napolitano LM: When Blood is Not an Option: Optimal Bloodless Management of Severe Anemia in Pregnancy J Obstet Gynaecol Res 48(11):2968-72. 11/2022. PMID: 35920316.
17. Javinani A, Qaderi S, Hessami K, Shainker SA, Shamshirsaz AA, Fox KA, Hustafa HJ, Subramanian A, Khandelwal M, Sandlin AT, Duzyj CM, Lyell DJ, Zuckerwise LC, Newton JM, Kingdom JC, Harrison RK, Shrivastava VK, Greiner AL, Lotfin R, Genc MR, Atasi LK, Abdel-Razeq, SS, Bennett KA, Carusi DA, Einerson BD, Gilner JB, Carver AR, Silver RM, Shamshirsaz AA. Delivery outcomes in the subsequent pregnancy following the conservative management of placenta accreta spectrum disorder: a systemetic review and meta-analysis. Am J Obstet Gynecol (In Press – Online 11/2023). PM37918506
18. Fitzgerald, GD, Newton JM, Atasi L, Buniak CM, Burgos-Luna JM, Burnett BA, Carver AR, Cheng C, Conyers S, Davitt C, Deshmukh U, Donovan BM, Easter SR, Einerson BD, Fox KA, Habib AS, Harrison R, Hecht JL, Licon E, Mateus J, Munoz JJ, Nieto-Calvache AJ, Polic A, Ramsey PS, Salmanian B, Shamshirsaz AA, Shamshirsaz AA, Shrivastava VK, Woolworth MB, Yurashevich M, Zuckerwise L, Shainker SA. Placenta Accreta Spectrum Care Infrastructure: an evidence-based review of needed resources supporting PAS care. Am J Obstet Gynecol MFM 6(1). 1/2024. PM37984691
19. Pleasant V, Chapel E, Momoh A, Manorot A, Carver A: Gestational gigantomastia: case report and review of treatment options. Ann Case Rep 9 3/2024.
20. Meyer SR, Carver A, Joo H, Venkatesh K, Jelovsek E, Klumpner T, Singh K: External Validation of Postpartum Hemorrhage Prediction Models Using Electronic Health Record Data. American Journal of Perinatology: 41(5):598-605, Online 1/2022, In print 4/2024. PM35045573

Abstracts

1. Carver A, Rai M, Singleton CK: The lodA gene of Dictyostelium is required for adenylyl cyclase (ACA) stimulation during aggregation, International Dictyostelium Conference, Lorne, Australia, 2003.
2. Carver A, Taft W, Borowski K, Turner H, Mullins B, Sharma M, Ramsey P: Efficacy of azithromycin for treatment of chlamydia cervicitis in pregnancy, 25th Annual Meeting of the Society for Maternal-Fetal Medicine, Reno, NV, 2005.
3. Carver A, O'Donnell E, Ramsey P, Biggio J, Andrews W: Maternal fetal ABO-RH blood antigen status and risk for preterm preeclampsia, 25th Annual Meeting of the Society for Maternal-Fetal Medicine, Reno, NV, 2005.
4. Ramsey P, Lin M, Carver A, Case A, Nuthalapaty F: Misoprostol vs oxytocin or other prostaglandins for labor induction in women with premature rupture of membranes (PROM): a meta-analysis, 25th Annual Meeting of the Society for Maternal-Fetal Medicine, Reno, NV, 2005.
5. Nuthalapaty F, Carver A, Ramsey P: Monitoring duty hours compliance: methods and costs, Council on Resident Education in Obstetrics and Gynecology and Association of Professors of Obstetrics and Gynecology Annual Meeting, Salt Lake City, UT, 2005.
6. Nuthalapaty F, Carver A, Ramsey P: The impact of duty hour regulations on the residency environment, Council on Resident Education in Obstetrics and Gynecology and Association of Professors of Obstetrics and Gynecology Annual Meeting, Salt Lake City, UT, 2005.
7. Nuthalapaty F, Carver A, Ramsey P: The perceived impact of duty hour limitations on residency structure and resident experiences, Council on Resident Education in Obstetrics and Gynecology and Association of Professors of Obstetrics and Gynecology Annual Meeting, Salt Lake City, UT, 2005.
8. Nuthalapaty F, Carver A, Ramsey P: The professional characteristics of today's Ob/Gyn Residency Program Director, Council on Resident Education in Obstetrics and Gynecology and Association of Professors of Obstetrics and Gynecology Annual Meeting, Salt Lake City, UT, 2005.
9. Nuthalapaty F, Carver A, Ramsey P: The road to duty hour compliance: planning and implementing change, Council on Resident Education in Obstetrics and Gynecology and Association of Professors of Obstetrics and Gynecology Annual Meeting, Salt Lake City, UT, 2005.
10. Carver A, Haeri S, Wolfe H, Goodnight W, Moldenhauer J: Monochorionic diamniotic twin pregnancy: surveillance frequency for detection of twin to twin transfusion syndrome, 30th Annual Meeting of the Society for Maternal-Fetal Medicine, Chicago, IL, 2010.
11. Carver AR, Haeri S, Moldenhauer J, Wolfe H, Goodnight W: Monochorionic diamniotic twin pregnancy: surveillance frequency for detection of twin-twin transfusion syndrome, Ross Residency Alumni Society Annual Meeting and William Droegemueller Resident Clinical Studies Day, Chapel Hill, NC, 2010. Alissa Renee Carver Jun 20, 2022 8 of 9 Annual Meeting and William Droegemueller Resident Clinical Studies Day, Chapel Hill, NC, 2010.
12. Carver AR, Cochran M, Olson G, Munn MB, Hankins, GDV: The effect of natural disasters on maternal morbidity, 32nd Annual Meeting of the Society for Maternal-Fetal Medicine, Dallas, TX, 2012.
13. McDonnold M, Carver A, Wen T, Olson G: Utilization of triage care by women with increased body mass index, 59th Annual Meeting of the Society for Gynecologic Investigation, San Diego, CA, 2012.
14. Carver AR, Costantine MM, Tamayo EH, Yin H, Perez-Polo JR, Saade G: Altered fetal brain programming in a preeclampsia-like mouse model and its prevention by prenatal treatment with pravastatin, 33rd Annual Meeting of the Society for Maternal-Fetal Medicine, San Francisco, CA, 2013.
15. Carver AR, Tamayo EH, Perez-Polo JR, Saade G, Costantine MM: The effect of maternal pravastatin therapy on adverse neurologic outcomes of the offspring in a murine model of preeclampsia, 33rd Annual Meeting of the Society for Maternal-Fetal Medicine, San Francisco, CA, 2013.
16. Fairchild C, Li H, Carver A, Bednar G, Flynn D, Vadhera RB: Skin ischemic reaction caused by local administration of methylergonovine during a cesarean section-case report, 45th Annual Meeting of the Society for Obstetric Anesthesia and Perinatology, San Juan, Puerto Rico, 2013.
17. Carver AR, Tamayo EH, Gamble P, Zhang J, Mori S, Saade GR, Costantine MM, Burd I: Maternal pravastatin prevents sex-specific altered brain development in a preeclamptic CD-1 mouse model, 34th Annual Meeting of the Society for Maternal-Fetal Medicine, New Orleans, LA, 2014.
18. Carver AR, Infante SK, Yin H, Tamayo EH, Perez-Polo JR, Saade GR, Costantine MM: The transgenerational effect of neonatal hypoxia-ischemia on global brain methylation, 34th Annual Meeting of the Society for Maternal-Fetal Medicine, New Orleans, LA, 2014.
19. Moussa H, Sibai B, Blackwell S, Leon M, Moore A, Carver AR, Costantine M, Dash P, Longo M: Parental inheritance of NOS3 and uterine environment after cytokine levels in a murine model of autism like disorder, 35th Annual Meeting of the Society for Maternal-Fetal Medicine, San Diego, CA, 2015.
20. Patel M, Carver AR, Holland K, Woodham PC: Serum creatinine-to-albumin ratio vs 24-hour urine protein collection as a marker of hypertensive disorders of pregnancy, Annual Meeting of the Georgia Obstetrical and Gynecological Society, Amelia Island, FL, 2015.
21. Cook W, Carver AR, Smith B, Woodham P: Spot urine protein:creatinine ratio vs 24-hour urine protein collection in the diagnosis of preeclampsia, Mercer University Department of Obstetrics and Gynecology Resident Research Day, Macon, GA, 2015.
22. Thomas JL, Will C, Mack V, Conner EA, Pham J, Carver AR, Bucholtz K: Structure/function of the selective inhibition of human 3β-hydroxysteroid dehydrogenase type 1 (3β-HSD1) by a novel androgen analog, 27th Conference of the Adrenal Cortex, Boston, MA, 2016.
23. Syers E, Holliman K, Carver AR: A randomized controlled trial on the effects of IV ketorolac on return of bowel function in the post-operative gynecological patient, Mercer University Department of Obstetrics and Gynecology Resident Research Day, Macon, GA, 2016.
24. Clark J, Walker P, Carver AR: A randomized controlled trial to evaluate the effect of IV acetaminophen on use of opioids and patient perceived pain after cesarean section, Mercer University Department of Obstetrics and Gynecology Resident Research Day, Macon, GA, 2016.
25. Vance W, Brooks B, Younis A, Carver AR: Evaluating vaccination uptake in pregnant patients in the high-risk OB setting in Middle Georgia, Mercer University Department of Obstetrics and Gynecology Resident Research Day, Macon, GA, 2016.
26. Patel M, Carver AR, Holland K, Woodham PC.: Serum creatinine-to-albumin ratio vs 24-hour urine protein collection as a marker of hypertensive disorders of pregnancy., Mercer University Department of Obstetrics and Gynecology Resident Research Day, Macon, GA, 2016.
27. Thomas JL, Will C, Mack V, Conner EA, Pham J, Carver AR, Bucholtz K: Selective inhibition of human 3βhydroxysteroid dehydrogenase type 1 (3β-HSD1) by a novel androgen analog-a new approach to prevent premature labor., Mercer University School of Medicine Research Conference, Savannah, GA, 2016.
28. Harold K, Awad H, Carver A, Sokkary N, & Younis A.: Impact of a multidisciplinary clinic on maternal to child HIV transmission rates, Mercer University Department of Obstetrics and Gynecology and Navicent Health Resident Research Day, Macon, GA, 2017.
29. Ashley Hesson, Joanne M. Bailey, Alissa R. Carver, Elizabeth S. Langen: Complete without an urge to push: association of length of passive descent on labor outcomes, 39th Annual Meeting of the Society for Maternal-Fetal Medicine, Las Vegas, NV, 2019.
30. Ashley Hesson, Joanne M. Bailey, Alissa R. Carver, Elizabeth S. Langen: Supporting Vaginal Birth: Effects of labor support measures on cesarean delivery rates, 39th Annual Meeting of the Society for Maternal-Fetal Medicine, Las Vegas, NV, 2019.
31. Thomas T. Klumpner, Joanna Kountanis, Melissa Bauer, Alissa Carver, Anne Marie Piehl, Roger Smith, Kevin Tremper: Healthcare Provider Perceptions of a Novel Electronic Maternal Surveillance System, 51st Annual Meeting of the Society for Obstetric Anesthesiology and Perinatology, Phoenix, AZ, 2019.
32. Jessica Smith, Nayla Kazzi, Jeannie Kreutzman, Marjorie C. Treadwell, Alissa R. Carver: What Is the Rate of Aneuploidy in Twin Reversed Arterial Perfusion Sequence? Annual Meeting of the American College of Medical Genetics, Seattle, WA, 2019.
33. Ashley Hesson, Joanne Bailey, Alissa Carver, Elizabeth Langen: Impact of Augmentation Strategy on Cesarean Delivery Rate, Normal Labour and Birth: 14th Research Conference, Grange Over Sands, UK, 2019.
34. Ashley Hesson, Joanne M. Bailey, Alissa R. Carver, Elizabeth S. Langen: Trends in Cesarean Delivery Among Low-Risk Women, Normal Labour and Birth: 14th Research Conference, Grange Over Sands, UK, 2019.
35. Perrone EE, Gavulic AE, Doughter D, Carver AR, Bermick JR, Mychaliska GB, Hirschl RB, Li S: Fetal Hemoglobin Levels in Premature Newborns in the NICU: Should we Reconsider Transfusion of Adult Donor Blood? AAP National Conference, 2020.
36. Meyer S, Carver A, Ortwin J, Klumpner T, Singh, K: Predicting Interventions for Postpartum Hemorrhage at Parturition, Institute for Healthcare Policy & Innovation Annual Member Forum, Ann Arbor, MI, 2020.
37. Meyer S, Venkatesh K, Joo, H, Carver A, Klumpner T, Singh, K: External Validation of Postpartum Hemorrhage Prediction Models Using Electronic Health Record Data, Precision Health Virtual Symposium, Ann Arbor, MI, 2020.
38. Clifford C, Rolston A, Uppal S, Carver, A: Use of rotational thromboelastometry (ROTEM) in cesarean hysterectomies for placenta accreta spectrum (PAS), 41st Annual Meeting of Society for Maternal-Fetal Medicine, Virtual, 2021.
39. Devlin P, Uppal S, Caitlin C, Carver A, Rolston A: Venous Thromboembolism after Peripartum Hysterectomy: A single institution experience, Heartland Association of Gynecologic Oncology, Madison, WI, 2021.
40. Opipari A, Kobernik E, Uppal S, Reynolds, K, Clifford C, Carver A, Rolston A: Comparison of emergent versus scheduled cesarean hysterectomy: the impact of placenta accreta spectrum and the surgical role of gynecologic oncologists, Society of Gynecologic Oncology Virtual Annual Meeting on Women's Cancer, Virtual, 2021.
41. Clifford C, Kobernik E, Rolston A, Uppal S, Napolitano L, Carver A: Resuscitative endovascular balloon occlusion of the aorta (REBOA) in cesarean hysterectomies for placenta accreta spectrum, 42nd Annual Meeting of the Society for Maternal-Fetal Medicine, Orlando, FL, 2022.
42. Meyer SR, Singh K, Klumpner TK, Carver A, Joo H: A Design Framework to Prepare Electronic Health Record Data for Time-Series Modeling, Institute for Health Policy Improvement Data and Methods Hub, Ann Arbor, MI, 2022.
43. Rolston A, Clifford C, Carver A, McCool K, Straubhar A, Uppal S: Increasing volume and the role of gynecologic oncologists in peripartum hysterectomies – A single center study of 109 cases over 7 years, Society for Gynecologic Oncologists Annual Meeting on Women's Cancer, Phoenix, AZ, 2022.
44. Rolston A, Clifford C, Carver A, Uppal S: Peripartum Hysterectomy and Operating Room Safety Culture: A Single Institution Experience, Society for Gynecologic Oncologists Annual Meeting on Women's Cancer, Phoenix, AZ, 2022.
45. Rolston A, Clifford C, Carver A, Uppal S: Retrospective comparison of emergent versus scheduled peripartum hysterectomies: A single institution experience, Society for Gynecologic Oncologists Annual Meeting on Women's Cancer, Phoenix, AZ, 2022.
46. Clifford C, Williams, K, Plagens C, Li SH, Dougherty D, Carver A, Mychaliska G, Perrone E: Storage of Placental Blood – A feasibility study for a fetal blood bank, International Fetal Medicine and Surgery Society Annual Meeting, Cork, Ireland, 2024.

Online Publications

1. Carver A. Contributor. “Multifetal Pregnancies.” ObGyn Delivered. 2/13/2023. https://www.obgyndelivered.com/podcast/episode/f81f80d4/multifetal-pregnancies