

Curriculum Vitae

PERSONAL INFORMATION

Name: Ben Cobb, MD

Work Address: N2198 UNC Hospitals, CB# 7010, Chapel Hill, NC 27599-7010

Work Phone: 919-966-5137

EDUCATION

POSTGRADUATE

7/14-7/15	Stanford University Palo Alto, CA Department of Anesthesiology	Obstetric Anesthesia Fellowship
6/10-6/14	University of Washington Seattle, WA Department of Anesthesiology	Anesthesiology Residency

GRADUATE

5/06-5/10	Medical University of South Carolina Charleston, SC	Doctor of Medicine
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UNDERGRADUATE

6/04-8/05	University of South Carolina Columbia, SC	Post-Baccalaureate
5/00-5/04	The University of the South Sewanee, TN	Bachelor of Arts American Studies (Honors)

CERTIFICATIONS/LICENSURE

Diplomat, American Board of Anesthesiology, Certificate No. 53684, 4/23/2015
North Carolina Medical Board, License No. 2015-00089, 1/21/2015

PERLS Certification, 6/2025

TeamSTEPPS, 2025

ASA POCUS Certification, 2022

Advanced Cardiac Life Support, 2023

Neonatal Resuscitation Program, 2020

DEA Registration FC5163047, 2020

Implicit Bias Training, 2021

Center for Medical Simulation Debriefing Training, Boston, MA, 2017

National Provider Identifier 1598089377

PROFESSIONAL EXPERIENCE – Employment History

7/22-Present	ACGME Anesthesiology Residency, Assistant Program Director University of North Carolina, Chapel Hill
12/21-Present	Clinical Associate Professor, Department of Anesthesiology University of North Carolina, Chapel Hill
12/21-Present	Clinical Associate Professor (joint appointment), Department of OB/GYN University of North Carolina, Chapel Hill, NC
7/20-6/25	ACGME Obstetric Anesthesia Fellowship, Program Director University of North Carolina, Department of Anesthesiology
12/17-12/21	Clinical Assistant Professor (joint appointment), Department of OB/GYN University of North Carolina, Chapel Hill, NC
8/15-12/21	Clinical Assistant Professor, Department of Anesthesiology University of North Carolina, Chapel Hill

HONORS

2024	Teaching Honor Roll	University of North Carolina Department of Anesthesiology
2024	Excellence in Quality Care Services Award UNC Health Leading with Equity, Triangle Region	UNC Health
2024	3 rd Place, Gertie Marx Research Competition 2nd Author	Society for Obstetric Anesthesia and Perinatology
2024	Residency Senior Faculty Mentorship Award	University of North Carolina Department of Anesthesiology
2024	Teaching Honor Roll	University of North Carolina Department of Anesthesiology
2024	Carolina Quality and Safety Award	University of North Carolina UNC Hospitals & Faculty
2022	The Best Intra-Op/On-The-Fly Teacher Award	University of North Carolina Department of Anesthesiology
2022	Residency Faculty Teaching Award	University of North Carolina

		Department of Anesthesiology
2022	Teaching Honor Roll	University of North Carolina Department of Anesthesiology
2019	Doximity Foundation Travel Award – Malawi	University of North Carolina
2019	Teaching Honor Roll	University of North Carolina Department of Anesthesiology
2018	Residency Faculty Mentorship Award	University of North Carolina Department of Anesthesiology
2018	Teaching Honor Roll	University of North Carolina Department of Anesthesiology
2017	Best Case Reports	Society for Obstetric Anesthesia and Perinatology
2017	Teaching Honor Roll	University of North Carolina Department of Anesthesiology
2016	Teaching Honor Roll	University of North Carolina Department of Anesthesiology
2015	2 nd Place, Gertie Marx Research Competition Presenter	Society for Obstetric Anesthesia and Perinatology
2014	Anesthesia Resident of the Year	University of Washington Department of Anesthesiology
2014	Obstetric Anesthesia Resident of the Year	University of Washington Department of Anesthesiology

BIBLIOGRAPHY AND PRODUCTS OF SCHOLARSHIP

BOOK CHAPTERS:

1. Hood, C. Fardelmann, K, **Cobb, BG**. 2025. *Obstetric Anesthesia Consultation*. In: Kaye, A, Kaye, A, editors. *Pharmacology, Physiology, and Practice in Obstetric Anesthesia*. USA: Elsevier. P. 67-75.
2. **Cobb, BG**, MD and Harker, E. 2020. Maternal Cardiomyopathy and Critical Care Medicine. In: Einav, S, Weiniger, CF, Landau, R, editors. *Principles and Practices of Maternal Critical Care*. Switzerland: Springer. P. 135-148.
3. **Cobb, BG** and Lipman, SS. 2017. Perimortem Cesarean Delivery for Maternal Cardiac Arrest. In: McEvoy, M, Furse, C, editors. *Perioperative Crisis Management and Advanced Life Support*. USA: Oxford. P. 303-307.

REFEREED (PEER-REVIEWED) PUBLISHED PRODUCTS OF SCHOLARSHIP:

Research/Reviews

1. McKenzie, C, Dengler, E, Hood, C, Hart, WM, Swengel, J, Gue, J, Straube, L, **Cobb, B**. 2025. Local Anesthesia Injection (ILA) Pain Severity as a Predictor of Obstetric Quality-of-Recovery Scores (ObsQoR-11) and Post-Cesarean Pain: A Prospective Observational Study. IJOA.
2. Samuel N. Blacker, MD, FASA,* Fei Chen, PhD, MEd, MStat,* Daniel Winecoff, MS,† Benjamin L. Antonio, DO, MBA, MA, MSc,* Harendra Arora, MD, FASA, MBA,‡ Bryan J. Hierlmeier, MD,‡ Rachel M. Kacmar, MD,§ Anthony N. Passannante, MD,* Anthony R. Plunkett, MD, FASA,|| David Zvara, MD,* **Benjamin Cobb, MD**, et al. 2024. An Exploratory Analysis of ChatGPT Compared to Human Performance with the Anesthesiology Oral Board Exam: Initial Insights and Implications. *Anesthesia and Analgesia*. 140(6):p 1253-1262. PMID: 39269908
3. Hart, WH, **Cobb, B**, Quist-Nelson, J, Tulley, WH. 2024. Development and Implementation of a Pregnancy Heart Team at a Southeastern US Tertiary Hospital: A Qualitative Study. *Am J Obstet Gynecol MFM*. doi:10.1016/j.ajogmf.
4. Bruce, K, Desai, S, Reilly, K, Keil, A, Swanson, M, **Cobb, B**, Zahn, K, McKenzie, C, Coviello, E, Mallampati, D, Tully, K, Kolarczyk, L, Maaske, S, Quist-Nelson, J. 2023. Use of postpartum hemorrhage checklist during vaginal deliveries: A quality improvement initiative. *Am J Perinatol*. PMID: 38452794.
5. McKenzie, C, Straube, L, Webster, C, **Cobb, BG**, Stuebe, A. 2022. A Quality Improvement Effort to Reduce Inpatient Opioid Consumption following Cesarean Delivery. *Am J Perinatol*. 2022 Sep 23. doi: 10.1055/a-1884-1155. PMID: 35750319.
6. Eisenried, A, Austin, N, **Cobb, BG**, Akhbardeh, A, Carvalho, B, Yeomans, DC, Tzabazis, AZ. 2018. Correlation of changes in hemodynamic response as measured by Cerebral Optical Spectrometry with subjective pain ratings in volunteers and patients: a prospective cohort study. *J Pain Res*. 11:1991-1998.
7. **Cobb, BG**, Abir, G, Carvalho, B. 2018. Preoperative anterior thigh temperature does not correlate with perioperative temporal hypothermia during cesarean delivery with spinal anesthesia: Secondary analysis of a randomized control trial. *Int J Obstet Anesth*. 33:40-45.
8. Weiniger, CF, **Cobb, BG**, Wang, RR, Carvalho, B. 2017. Observational Study Using Ultrasound to Assess Midline Labor Epidural Analgesia Placement and Analgesic Efficacy: Using Ultrasound to Assess Midline Labor Epidural Analgesia Placement. *J Ultrasound Med*. 1693-1699.
9. **Cobb, BG**, Cho, Y, Hilton, G, Ting, V, Carvalho, B. 2016. Active Warming Utilizing Combined IV Fluid and Forced-Air Warming Decreases Hypothermia and Improves Maternal Comfort During Cesarean Delivery: A Randomized Control Trial. *Anesth Analg*. 122(5): 1490-7.
10. McKenzie, CP, **Cobb, BG**, Riley, ET, Carvalho, B. 2016. Programmed intermittent epidural boluses for maintenance of labor analgesia: an impact study. *Int J Obstet Anesth*. 26: 21-8.
11. Greene, NH, **Cobb, BG**, Linnau, KF, Kent, CD. 2015. Measurements of Epidural Space Depth Using Preexisting CT Scans Correlate with Loss of Resistance Depth during Thoracic Epidural Catheter Placement. *Anesthesiol Res and Pract*. [accessed 2021 May 13]: <http://doi.org/10.1155/2015/545902>.
12. Matthew MD, Smalley, JC, Nietert, PJ, Field, LC, Furse, CM, Blenko, JW, **Cobb, BG**, et al. 2012. Validation of a Detailed Scoring Checklist for Use During Advanced Cardiac Life

Support Certification. *Simul Healthc.* 7(4): 222-35.

Submitted:

1. Brittany A. Cureton¹, Courtney R. Hood¹, Katharine Bruce, **Benjamin G. Cobb**, Johanna R. Quist-Nelson. Use of a Checklist during Postpartum Hemorrhage During Cesarean: a Quality Improvement Initiative. *Journal for Healthcare Quality*.
2. Denger, E, **Cobb, B**, Hood, C, Hart, WM, Swengel, J, Gue, J, Straube, L, McKenzie, C. 2024. Local Anesthesia Injection (ILA) Pain Severity as a Predictor of Obstetric Quality-of-Recovery Scores (ObsQoR-11) and Post-Cesarean Pain: A Prospective Observational Study. *IJOA*.
3. Ethan A. Litman, M.D.,M.S., Sarah Heerboth, M.D., Alexandria E. Cronin M.L.I.S., **Benjamin G. Cobb, M.D.**, Uma Deshmukh, M.D., Johanna Quist-Nelson, M.D. Checklist for Rare Obstetric Emergencies: A Systematic Review. *BJOG*.
4. Zimmerman, P, Stone, H, Chen, F, An, X, Hood, C, Fardelmann, K, Rosenkrans, D, Martinelli, S, **Cobb, B**. Are Anesthesiology Residents Meeting the Bar? Comparing Resident Knowledge and Self-Efficacy to Published Palliative Care and Anesthesiology Competencies. *JEPM*.
5. Elisa Lund Takalo, Malgorzata Karpala; Xinming An; **Benjamin Cobb**; Susan Zhao; Bari Razmin; Hylton Mark; Grant Stuart; Jay Schoenherr. Intrathecal Dexmedetomidine in Cesarean Section Spinal Anesthetics and Post Operative Pain Scores; A Retrospective Review. *IJOA*.

Other peer reviewed articles

1. Keil, D, Murphy, **B, Cobb, B**. 2021. Acute spinal cord injury in the parturient: Anesthetic management for combined anterior cervical spinal decompression and fusion and cesarean delivery. *A&A Practice*. 16(5): 1-3.
2. Hammond, B, Straube, L, **Cobb, BG**. 2020. Expectant management of a parturient with serotonin syndrome: a case report. *Obstet Med*. [accessed 2021 May 13]: <http://doi.org/10.1177/1753495X211011906>.
3. **Cobb, BG** and Lipman, SS. 2017. Cardiac Arrest: Obstetric CPR/ACLS. *Clin Obstet Gynecol*. 60(2): 425-430.
4. Carvalho, B, George, RB, **Cobb, BG**, Piascik, C, Riley, ET. 2016. Implementation of Programmed Intermittent Epidural Bolus for the Maintenance of Labor Analgesia: A Focused Review. *Anesth Analg*. 123(4): 965-71.

Submitted:

1. Assessing Wireless and Wearable Sensors for Continuous Blood Pressure Measurement in Obese Pregnant People. 2025. *Int J Gynaecol Obstet*.

Editorials or letters

1. Courtney Townsel, MD, Mark C. Bicket, MD, PhD, Kristin K. Martin, DO, MS, **Benjamin G Cobb, MD**. 2025. Empowering Clinicians: A Comprehensive Guide to Navigating Pain Management for Peripartum Opioid Use Disorder. *Anesth Analg*. [140\(6\):p 1314-1317](#).
2. Riley, ET, McKenzie, CP, **Cobb, BG**, Carvalho, B. 2017. Response to Bigwood, et al. *Int J Obstet Anesth*. 30: 76.

3. Cohen, S, Mhyre, J, Carvalho, B, Einav, S, Arafeh, J, Jeejeebhoy, F, **Cobb, BG**, Druzen, M, Katz, V, Harney, K, Lipman, SS. 2016. Response to Rose, et al. Am J Obstet Gynecol. 043(3).

Refereed Unpublished Oral Presentations

1. Stone, H, Zimmerman, P, Chen, F, **Cobb, B**. 2025. Are Anesthesiology Residents Meeting the Bar? Comparing Resident Knowledge and Self-Efficacy to Published Palliative Care and Anesthesiology Competencies. Poster session presented at: UNC Academy of Educators Evening of Scholarship. *(solicited)*
2. Elisa Takalo, Malgorzata Karpala, **Benjamin Cobb**, Xingming An, Susan Zhao, Razmin Bari, Mark Hylton, Jay Schoenherr, Stuart Grant. 2025. Intrathecal Dexmedetomidine in Cesarean Section Spinal Anesthetics and Post Operative Pain Scores; A Retrospective Review. Poster session presented at: 50th Annual Regional Anesthesiology and Acute Pain Medicine Meeting. *(Solicited)*
3. De Silva, Kelsey, **Cobb B**. 2025. Multisystem Collapse and Fatal Subscapular Liver Hematoma in a Patient with Intrauterine Fetal Demise. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
4. Campbell, Natalie, Tripi, Jennifer, **Cobb, Benjamin**. 2025. Back for blood? Considerations for Safe Neuraxial Placement in a Parturient with Known Vertebral Hemangioma. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
5. Precious Ichite MD, Briel Lee MD, **Benjamin Cobb MD**. 2025. The right place at the right time: antepartum hemorrhage in the operating suite for a scheduled cesarean hysterectomy. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
6. Stone, H, Zimmerman, P, Chen, F, **Cobb, B**. 2025. Are Anesthesiology Residents Meeting the Bar? Comparing Resident Knowledge and Self-Efficacy to Published Palliative Care and Anesthesiology Competencies. Poster session presented at: Society for Education in Anesthesia Spring Meeting. *(solicited)*
7. Denger, E, **Cobb, B**, Hood, C, Hart, WM, Swengel, J, Gue, J, Straube, L, McKenzie, C. 2024. Local Anesthesia Injection (ILA) Pain Severity as a Predictor of Obstetric Quality-of-Recovery Scores (ObsQoR-11) and Post-Cesarean Pain: A Prospective Observational Study. Poster session presented at: Gertie Marx Research Competition: Society for Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
8. Fritz A, Dengler E, **Cobb B**. 2024. Antepartum Psychosis in a Patient with Severe Pre-eclampsia. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
9. Fritz A, Hood CR, **Cobb BG**. 2023. No Laughing Matter: Nitrous Oxide in Labor and Delivery and the Environment. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
10. Hart, WM, Tulley, K, Quist-Nelson, J, **Cobb, B**. 2023. Perspectives on the Creation and Implementation of a Maternal Cardiac Care Team and Pathway at a Tertiary Care Medical Center. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
11. Cureton, B, Hood, C, Bruce, K, **Cobb, B**, Quist-Nelson, J. 2023. Trends of Racial Ethnic Differences in Protocolized Postpartum Hemorrhage Checklist Use in Cesarean Deliveries. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*

12. Cureton, B, Hood, C, Bruce, K, **Cobb, B**, Quist-Nelson, J. 2023. Improving Cesarean Hemorrhage Through the Use of a Protocolized Checklist; a Quality Improvement Initiative. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
13. Quist-Nelson J, Desai S, Reilly K, Keil A, Bruce K, Swanson M, **Cobb B**, Zahn K, McKenzie C, Coviello C, Mallampati D, Kolarczyk L. 2023. Increasing postpartum hemorrhage checklist use: A quality improvement initiative. Society for Maternal-Fetal Medicine 43rd Annual Meeting, San Francisco, CA. *(solicited)*
14. Hart, M, McKenzie, C, **Cobb, B**. 2022. Successful labor analgesia in parturient with suspected Bernard-Soulier Syndrome. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
15. Wallace, DK, Hart, WM, Straube, LE, **Cobb, B**. 2022. Coronary Artery Embolus-Induced Peripartum MI in Parturient with Fontan Physiology. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
16. Sholes, P, Straube, L, Smith, K, **Cobb, B**. 2022. Primary pulmonary hypertension in late second trimester parturient presenting with hemoptysis and dyspnea: A role for point of care ultrasound (PoCUS)? Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
17. Dengler, E, Keil, D, Straube, L, **Cobb, B**. 2022. Improving Nursing Compliance with Ventilatory Checks after Neuraxial Morphine Administration. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
18. Moulthrop, A, McKenzie, C, **Cobb, B**. 2022. Breastfeeding after Anesthesia: Giving the Greenlight. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting. *(solicited)*
19. Keil, D, Murphy, B, **Cobb, B**. 2021. Acute spinal cord injury in the parturient: Anesthetic management for combined anterior cervical spinal decompression and fusion and cesarean delivery. *Accepted to poster session for American Society of Anesthesiologists Annual Meeting; San Diego (Covid-19)*. *(solicited)*
20. Dengler, E, Choucair, A, **Cobb, B**. 2021. High spinal with reduced dose CSE in an obese parturient for cesarean delivery. *Accepted to poster session for American Society of Anesthesiologists Annual Meeting; San Diego (Covid-19)*. *(solicited)*
21. McKenzie, C, Straube, L, Stuebe, A, Johnson, J, **Cobb, B**. 2021. Evaluating racial disparities in truncal blocks with liposomal bupivacaine post cesarean delivery. 2021. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; *Virtual*. *(solicited)*
22. Swengel, J, **Cobb, B**. 2021. Pharmacologic management of hemorrhage in a Covid-19 positive parturient with HELLP syndrome and a breech twin vaginal delivery: a case report. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; *Virtual*. *(solicited)*
23. Hart, M, Gue, J, **Cobb, B**. Newborn Cyanosis During Post-Cesarean Skin-to-Skin in the OR. Poster session presented at: American Society of Anesthesiologists Annual Meeting, *Virtual*. *(solicited)*
24. McKenzie, C, Straube, L, **Cobb, B**, Webster, C, Stuebe, A. 2020. Changing the as-needed opioid medication order to reduce opioid consumption after cesarean section. Poster session presented at: Society for Maternal Fetal Medicine Annual Meeting; Grapevine. *(solicited)*

25. Hammond, B, Straube, L , **Cobb, B**. 2019. Expectant Management of a Parturient with Serotonin Syndrome. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; Phoenix. *(solicited)*
26. McMillian D, McKenzie CP, **Cobb B**, Linton J, Straube L, Nanda M. 2019. Do Quadratus Lumborum Blocks add to the Analgesic Benefit of Intrathecal Morphine and Scheduled NSAIDS after Cesarean Delivery? Poster session presented at: ASRA 44th Annual Regional Anesthesia and Acute Pain Medicine Meeting; Las Vegas. *(solicited)*
27. Woodward, S, Rose, K, **Cobb, B**, Smith, K. 2018. Post-cesarean Pain in Parturients on Buprenorphine: A Single Center Retrospective Study. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; Miami. *(solicited)*
28. Sriram, N, Fardelmann, K, **Cobb, B**. 2018. Anesthetic Management of a Parturient with Subarachnoid Hemorrhage. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; Miami. *(solicited)*
29. Fardelmann, K, **Cobb, B**. 2018. Anesthetic Management in a Parturient with Myotonia Congenita. Poster session presented at: Society for Obstetric Anesthesia and Perinatology Annual Meeting; Miami. *(solicited)*
30. Penwarden, A, Cobb, K, **Cobb, B**. 2017. Operative vaginal delivery during extracorporeal membrane oxygenation support for severe acute respiratory distress syndrome: A case report and review of the literature. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; Bellevue. *(solicited)* *Best Case Reports
31. Conrad, N, Halweg, P, **Cobb, B**, McNaull, P. 2016. Emergency intubation in the setting of a critical airway and no venous access: anesthetic challenges and the importance of interdisciplinary communication. Poster session presented at: American Society of Anesthesiologists Annual Meeting; Chicago. *(solicited)*
32. **Cobb, B**, Ralls, L, Carvalho, B. 2016. Anesthesia for cesarean delivery with a dilated aortic root, severe pre-eclampsia, and acquired von Willebrand disease: a case report. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; Boston. *(solicited)*
33. **Cobb, B**, Cho, Y, Hilton, G, Carvalho, B. 2015. Prediction of Perioperative Hypothermia and Response to Active Warming in Women Undergoing Scheduled Cesarean Delivery. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; Colorado Springs. *(solicited)*
34. **Cobb, B**, Austin, N, Tzabazis, A, Eisenried, A, Carvalho, B. 2015. Developing and Testing an Objective Pain Measurement Device in Laboring Women. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; Colorado Springs. *(solicited)*
35. McKenzie, C, **Cobb, B**, Carvalho, B, Riley, E. 2015. Programmed Intermittent Epidural Boluses Implementation for Labor Analgesia: A Retrospective Impact Analysis. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; Colorado Springs. *(solicited)*
36. Weiniger, C, Wang, R, **Cobb, B**, Carvalho, B. 2015. Neuraxial Ultrasound to Assess Midline Epidural Placement and Related Clinical Efficacy. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; Colorado Springs. *(solicited)*
37. **Cobb, B**, Podorean, K, Rozet, I. 2013. Post-Operative Stridor: A Challenging Diagnosis. Poster session presented at: American Society of Anesthesiologists Annual Meeting; San Francisco. *(solicited)*

38. **Cobb, B**, Ortner, C, Vuilleumier, P, Bollag, L, Landau, R. 2013. Methamphetamine Induced Cardiomyopathy in the Parturient. Poster session presented at: Society of Obstetric Anesthesia and Perinatology Annual Meeting; San Juan. *(solicited)*
39. **Cobb, B**, Penn, E. 2009. Cyclic Fevers, Rash, Heart Murmur, and Joint Pain in a Previously Healthy Young Adult. Poster session presented at: Southern General Internal Medicine Annual Meeting; New Orleans. *(solicited)*

Submitted:

1. Joseph, C, Cobb, B, Isaak, R. 2025. Perception of Perioperative Pain and Life Support. Poster session presented at: American Society of Anesthesiology Annual Meeting; ###. *(solicited)*

Unrefereed Papers/Articles

1. **Cobb, B**. 2020. Telemedicine in the SARS Covid-19 Pandemic: Ensuring Access to Care. Anesthesiology News. [accessed 2020 May]; <https://www.anesthesiologynews.com/Online-First/Article/04-20/Telemedicine-in-the-COVID-19-Pandemic-Ensuring-Access-to-Care/58245>
2. **Cobb, B**, Lipman, S. 2016. The American Heart Association Updates and Expands Recommendations for Maternal Cardiac Arrest in 2015. Society for Obstetric Anesthesia and Perinatology Winter Newsletter. 5-10.

TEACHING ACTIVITIES

Course Director

Academic Medicine Rotation, Co-Director
University of North Carolina, Department of Anesthesiology
2024-Present

Academic Medicine Rotation, Assistant Course Director
University of North Carolina, Department of Anesthesiology
2022-2024

Obstetric Anesthesia Fellowship International Observership, Co-host
University of North Carolina, Department of Anesthesiology
2023

Obstetric Anesthesia Resident Rotation, Course Director
University of North Carolina, Department of Anesthesiology
2017 – 2020

Obstetric Anesthesia Resident Elective Rotation, Course Director
University of North Carolina, Department of Anesthesiology
2017 – 2020

Otolaryngology (ENT) Anesthesia Resident Rotation, Course Director
University of North Carolina, Department of Anesthesiology
August, 2017 – 2018

LECTURES

To medical students

2016-2020 (annually). Obstetric Anesthesiology. Anesthesiology 401. UNC SOM.

2015-2019 (annually). Vasoactive Medications. Anesthesiology 401. UNC SOM.

To residents

2021-Present (annually). Basic Workshop. POCUS Lecture Series: Basic. UNC SOM.

2021-Present (annually). Obstetric Anesthesia. POCUS Lecture Series: Advanced. UNC SOM.

2021-Present (annually). Maternal Pharmacology. Clinical Anesthesia Advanced Board Prep Series. UNC SOM.

2016-Present (monthly). Amniotic Fluid Embolism. Obstetric Anesthesia Resident Lecture Series. UNC SOM.

2016-Present (monthly). Short Obstetric Procedures for the Anesthesiologist. Obstetric Anesthesia Resident Lecture Series. UNC SOM.

2016-Present (annually). Obstetric Anesthesia Review. Clinical Anesthesia Advanced Board Prep Lecture Series. UNC SOM.

2015-Present (annually). Central Nervous System Physiology. Clinical Anesthesia Basic Board Prep Lecture Series. UNC SOM.

2018 (monthly). Non-obstetric Surgery in Pregnancy. Obstetric Anesthesia Resident Lecture Series. UNC SOM.

To fellows

2016-Present (annually). Invasive Placentation: 'Tell me something I don't already know.' Obstetric Anesthesia Fellow Lecture Series. UNC SOM.

2016-Present (annually). Medico-legal Issues in Obstetric Anesthesia. Obstetric Anesthesia Fellow Lecture Series. UNC SOM.

2016-2024 (annually). Post Cesarean Analgesia. Obstetric Anesthesia Fellow Lecture Series. UNC SOM.

2022-2024 (annually). Neurologic Disorders and Obstetric Anesthesia. Obstetric Anesthesia Fellow Lecture Series. UNC SOM.

2016-2024 (annually). Post Cesarean Analgesia. Obstetric Anesthesia Fellow Lecture Series. UNC SOM.

To faculty

2025, Jan. Delivering Feedback, Written and Verbal. Anesthesiology Faculty Development Series. UNC SOM.

Grand Rounds

At UNC

Cobb, B, Teeter, E, Martinelli, S. 2025. From Feedback to Accreditation: UNC Anesthesiology Residency Program. (invited)

Martinelli, S, Teeter, E, Cobb, B, Rosenkrans, D. 2023. Departmental Residency Education Update. (invited)

Cobb, B, Quist-Nelson, J, Schiff, L. 2023. Multidisciplinary Obstetric Simulation: 'The UNC Experience and Next Steps.' (invited)

Cobb, B, McKenzie, C. 2020, Oct. Obstetric Anesthesia: Refresher on Serious Complications. (invited)

Grand Rounds Panel. 2017, Aug. Consortium of Anesthesiology Patient Safety and Experiential Learning: Departmental Update on Simulation. (invited)

Cobb, B, McKenzie, C. 2016, Sept. Revisiting an Old Paradigm: Programmed Intermittent Epidural Bolus. (invited)

Outside UNC

2017, Mar. Revisiting an Old Paradigm: Programmed Intermittent Epidural Bolus. Beth Israel Deaconess Medical Center. (invited)

2016, Nov. Revisiting an Old Paradigm: Programmed Intermittent Epidural Bolus." Medical University of South Carolina. (invited)

Continuing Education Lectures

At UNC

2025, Feb. Obstetric Anesthesia for the Obstetrician. Obstetrics/Gynecology Resident Lecture Series.

2022, Mar. Point of Care Ultrasound & Obstetrics: A Survey of the Literature. Maternal Fetal Medicine Fellow Lecture Series.

2018, Jan. Revisiting an Old Paradigm: Programmed Intermittent Epidural Bolus. Maternal Fetal Medicine Fellow Lecture Series.

Outside UNC

2023, June. Amniotic Fluid Embolism. XLIX Annual Refresher Course in Anesthesiology and Perioperative Medicine, Mexican Society of Anesthesiology, Mexico City, Mexico. (invited)

2023, June. Obstetric Anesthesia: A Refresher on Serious Complications. XLIX Annual Refresher Course in Anesthesiology and Perioperative Medicine, Mexican Society of Anesthesiology, Mexico City, Mexico. (invited)

2023, Feb. Soap Fundamentals Expert Panel. SOAP Fundamentals, Virtual Event. (invited)

2023, Jan. Amniotic Fluid Embolism. SOAP Fundamentals, Virtual Event. (invited)

2019, Sept. Making Sense of the SOAP VTE Guidelines. Carolinas Anesthesiology Annual Meeting, Asheville, NC. (invited)

2019, June. Update on Post Cesarean Analgesia: A Tour of Hot Topics. Carolina Refresher Course, Kiawah Island, SC. (invited)

2019, June. Active Management of Labor Analgesia. Carolina Refresher Course, Kiawah Island, SC. (invited)

2017, June. Pre-Eclampsia: A Survey of Recent Literature. Carolina Refresher Course, Kiawah Island, SC. (invited)

2017, June. PBLD - Pre-Eclampsia: A Survey of Recent Literature. Carolina Refresher Course, Kiawah Island, SC. (invited)

2016, Nov. Pre-eclampsia: A Survey of Recent Literature. Medical University of South Carolina. (invited)

2015, May. Active Warming Utilizing Forced Air and Intravenous Fluid Warming Combined Decreases Hypothermia and Shivering During Cesarean Delivery. Gertie Marx Research Competition, Society for Obstetric Anesthesia and Perinatology Annual Meeting. (invited) *2nd Place

MENTORSHIP EXPERIENCES

Medical Students

7/16-6/17 Caitlin Eason
Anesthesiology Preceptor Enrichment Program
University of North Carolina, School of Medicine

Residents

9/21-7/24 Dr. Jen Tripi
9/18-6/21 Dr. Micheal Hart
9/16-6/19 Dr. Katie Rose
9/15-6/18 Dr. Daniel McMillan

11/24-12/25 Perception of Perioperative Resuscitation and Life Support.
Clara Joseph, MD; **Benjamin Cobb, MD**; Robert Isaak, DO
Academic Medicine Rotation

11/24-12/25 Keeping it Cool: Does Refrigerating Bicitra Improve it's Palatability in Cesarean Section Patients?
Ashley Stewart, MD, Jennifer Tripi MD, **Ben Cobb, MD**, Lindsey Gouker, MD
Academic Medicine Rotation

11/23-12/23 Lean On Me: An Effort to Reduce Anxiety with Partner Presence in Patients Receiving Neuraxial Anesthesia for Cesarean Section.
Geryn Hasty Peggins MD, **Ben Cobb MD**
Academic Medicine Rotation

11/23-12/23 Ex-Squeeze Me, Can I Help Your Pain? Using Anti-Stress Balls as a Distraction Technique for Pain Associated with Removal of Epidural Catheter Adhesives.
Anne Bryden MD. **Benjamin Cobb, MD**
Academic Medicine Rotation

11/22-12/22 No Laughing Matter: Nitrous Oxide in Labor and Delivery and the Environment.
Fritz, A, Hood, CR, **Cobb, BG**
Academic Medicine Rotation

PROFESSIONAL SERVICE

National Professional Organizations

2025-Present Team Associate, Voluntary Review of Quality Care (VRQC)
American College of Obstetrics & Gynecology (ACOG)
2020-Present Society of Academic Associations of Anesthesiology and Perioperative Medicine (SAAAPM)
2020-Present Association of Anesthesiology Subspecialty Program Directors (AASPD)
2020-Present Society for Education in Anesthesia (SEA)
2015-Present North Carolina Society of Anesthesiologists
2012-Present Abstract Reviewer for SOAP Annual Meeting (2017, 2019-21, 2025)
Special Interest Group (SIG): Fellowship Program Directors (2022-23)

	Trainee Curriculum Committee (Formerly Education Committee (2018-22)
	Critical Care Sub-Committee (2018-20)
	Poster Session Moderator, invited (2017)
	Society for Obstetric Anesthesia and Perinatology
2010-Present	American Society of Anesthesiologists
2024-2025	Society for Neuroscience in Anesthesiology and Critical Care (SNACC)
2010-2030	Member of American Medical Association
2010-2014	Washington State Society of Anesthesiologists

Invited Reviewer

2019-20, 22-23, 25	Anesthesia and Analgesia
2024	The Journal of Education in Perioperative Medicine
2023	South African Journal of Anaesthesia and Analgesia
2023	Journal of Clinical Anesthesia
2021-23	International Journal of Gynecology & Obstetrics
2018, 2020	Resuscitation, 2018, 2020
2017-18, 21	International Journal of Obstetric Anesthesia
2016	Case Reports in Anesthesiology
2015-17	Obstetrics and Gynecology

University of North Carolina, Chapel Hill

2021-23, 25	Maternal Cardiac Care Planning Team
2018-Present	Academy of Educators
2024-25	Transition to Practice, Annual Program Evaluation Item, Committee Chair
2021-2025	OB Safety Review Committee
2016-23	Multidisciplinary Obstetric Simulation, Physician Co-Lead
2021	Train the Trainer Simulation - Maternal Health Learning and Innovation Center
2020	UNC Covid-19 Labor and Delivery Training Video (Facilitator)
2020	UNC Covid-19 Intubation Training Video (Facilitator)
2019-21	Value Stream Leadership Team, Member, Women's Hospital
2018-19	Quality Improvement in Women's and Infant Care (QWIPIC)
2018-19	Pain/Anesthesia P&T Subcommittee
2018	UNC Gateway Debriefing Course
2015-16	Hemorrhage Reduction on Labor and Delivery Project (Simulation Sub-Committee)

UNC Department of Anesthesiology Committees

2022-Present	The Excellence in Anesthesiology at Chapel Hill Education Research (TEACHER) Lab
2022-Present	Resident Recruitment Committee
2021-Present	Peer Review Committee
2017-Present	ACGME Residency Clinical Competency Committee
2017-Present	ACGME Residency Program Evaluation Committee
2017-Present	ACGME Fellowship Program Evaluation Committee, Obstetric
2016-Present	ACGME Fellowship Clinical Competency Committee, Obstetric (Chair, 2016-20)
2016-Present	Mock OSCE Evaluator
2016-Present	Mock Oral Board Examiner
2024-2025	ACGME Fellowship Clinical Competency Committee, Pediatrics
2024-25	Family Anesthesia Day, Faculty
2016-2024	High-Risk Obstetric Anesthesia Clinic (Faculty Lead)
2016-2024	Consortium of Anesthesiology Patient Safety and Experiential Learning
2023	SOAP Center of Excellence Application Committee (Lead)
2023	Resident Research Symposium (Moderator)
2021	Obstetric Anesthesia Interest Virtual Panel (Moderator)
2019-23	Department Research Committee
2019-20	UNC Anesthesia Global Health
2019	SOAP Center of Excellence Application Committee, Lead
2018	Opioid PCA for Labor Protocol Development and Implementation Team
2017-19	Resident Recruitment Committee
2016-20	OB Anesthesia Fellowship Research Coordinator
2016-19	UNC Crisis Support Team

Stanford University

2014-15 Interdisciplinary Maternal Cardiac Care Team

2014-15 Obstetric Safety Committee

2014-15 Parent Talk (Panelist)

University of Washington, Seattle

2014 Systematic PONV prophylaxis feedback to improve anesthesiology resident performance: A quality improvement project.