

# RENUKA GEORGE, MD FASA

UNIVERSITY OF COLORADO SCHOOL OF MEDICINE

Curriculum Vitae

## Personal History

Current Rank: Associate Professor

Department: Anesthesiology, University of Colorado – Anschutz Medical Campus

Specialty: Regional Anesthesiology and Acute Pain Medicine

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## Education

- Bachelor of Science Trinity University, San Antonio, TX 2001-2005  
*Business Administration*
- Post-Baccalaureate University of Pennsylvania, Philadelphia PA 2005-2008
- Medical School Ross University School of Medicine 2008-2012
- Internship Westchester Medical Center, Valhalla, NY 2012-2013  
*Internal Medicine*
- Residency University of Texas, Houston TX 2013-2016  
*Anesthesiology*
- Fellowship Medical University of South Carolina, Charleston, SC 2016-2017  
*Regional Anesthesiology and Acute Pain Medicine (RAAPM)*

## Academic Appointments

- Medical University of South Carolina
  - *Fellow/Clinical Instructor* 2016-2017
  - *Assistant Professor* 2017-2022
  - *Associate Professor* 2022-2024
- University of Colorado – Anschutz Medical Campus
  - *Visiting Associate Professor* 2024-2026
  - *Associate Professor* 2026-Present

## Hospital, Government or Other Professional Positions

- Memorial Hermann Hospital, Houston, TX  
*Chief Resident* 2015-2016
- Medical University of South Carolina, Charleston, SC
  - Associate Program Director – Residency Program* 2018-2020
  - Associate Member of Graduate Faculty* 2018-2024
  - Operating Room Medical Director of Rutledge Tower* 2020-2022
  - RAAPM Fellowship Director* 2022-2024
- South Carolina Society of Anesthesiologists
  - *Executive Council Member* 2019-2024

## Honors, Special Recognitions and Awards

- High Honors - Ross University School of Medicine 2012
  - *Graduated with 3.8 GPA*
- Richard D. Lebere Excellence in Teaching Award - Westchester Medical Center 2012
  - *Awarded by the New York Medical College medical students*
- Prelim Intern Teaching Award – Westchester Medical Center 2012
  - *Awarded by the Internal Medicine Department faculty*
- Outstanding Graduating Senior Resident – UT Houston Health Science Center 2016
  - *Awarded by the Anesthesiology Department faculty*
- Praise Card for General Anesthesia Lecture – Medical University of South Carolina 2019
  - *Awarded by 2<sup>nd</sup> year medical students*
- Early Distinguished Career Award – Ross University School of Medicine 2021
- Fellow of American Society of Anesthesiology 2022

## Membership in Professional Organizations

- American Society of Anesthesiologists 2011-Present
- American Society of Regional Anesthesiology and Pain Medicine 2014-2024
- South Carolina Society of Anesthesiologists 2016-2024
- Society of Education in Anesthesia 2020-Present

## Major Committee and Service Responsibilities

- Medical University of South Carolina
  - *State – South Carolina Society of Anesthesiologists*
    - Executive Council Member 2019-2024
      - Advocacy for physician led care in the operating room
      - Educated politicians on the importance of Anesthesiologists in patient centered care
      - Traveled to Washington DC to speak to both Senators and Representatives about voting issues regarding physician led care
  - *Hospital*
    - Perioperative Physician Representative 2017-2021
      - Product Value Analysis Committee
        - Evaluation and discussion of new equipment. Involved cost, efficacy, value, efficiency
        - Involved physicians, nursing and administration
    - OR Medical Director (COVID) 2020-2022
      - Global Perioperative Group
        - Evaluated OR efficiency on a quarterly basis
        - Made recommendations on block time in the OR
        - Schedule recommendations – ie holidays
        - COVID discussion – medical decision making

- Clinical Strategies Committee
  - Anesthesia specific meeting – Dept chair, medical directors, ICCE chief – schedule, equipment, block time, transition of services from OR tower to another
- Rutledge Tower Perioperative Group
  - Discussion between clinical leadership specific to tower regarding perioperative concerns
- Surgery Working Subspecialty Groups
  - Options on increasing efficiency at Rutledge Tower
  - Plastics, Gyn-Onc, Endocrine, Ear/Nose/Throat Subspecialties
- *Departmental*
  - Associate Program Director 2018-2020
    - Organized weekly Grand Rounds for the department
      - Anesthesia faculty
      - faculty from other departments – ie psychiatry, orthopedic/trauma/ENT surgery to increase inter-departmental education
      - Networked with physicians in other institutions to invite them to MUSC
    - Oversaw resident-related tasks as Associate Program Director
      - Mediated inter-personal/professional conflicts
  - Education Committee Chair 2018-2020
    - Discussion between department specialties for resident/fellow education – included lectures, reverse classroom opportunities, SIM lab, journal club.
  - Quality Control Committee Member 2018-2024
    - Reviewed peri-operative safety events/near misses
    - Recommendations for quality improvements
  - Anesthesia ICCE Executive Committee Member (Integrated Center of Clinical Excellence) 2020-2024
    - Departmental leaderships discussion – included clinical, educational and research discussion. Discussed areas of improvement, growth opportunities, new and ongoing studies
  - Diversity, Equity and Inclusion Committee Leader 2020-2024
    - Involved faculty, residents, advanced practice providers, anesthesia techs – met on a quarterly basis.
    - Education including resident led discussion on journal articles
  - Clinical Competency Committee Member 2020-2024
    - Evaluated residents’ competence for promotion
  - Fellowship Director of RAAPM 2022-2024
    - Created and ran a social media account to garner interest
    - Transitioned to San Francisco Match 2023
    - Applied for and achieved ACGME status 2024

## Licensure and Certifications

- Medical License: South Carolina Medical Board 2016
- Medical License: Colorado Medical Board 2024
- Board Certification: American Board of Anesthesiology 2017
- Other Certifications:
  - American Society of Regional Anesthesiology
    - Basic Focused Assessed Transthoracic Echocardiography 2018
    - Advanced Focused Assessed Transthoracic Echocardiography 2024
  - American Heart Association
    - Advanced Cardiac Life Support 2026

## Invited Extramural Lectures, Presentations and Visiting Professorships

- Local: Medical University of South Carolina
  - *How to Assess a Spinal* 2016
    - Educated nurses on assessment of spinal anesthetic for safe discharge
    - Post-Anesthesia Care Unit (PACU)
  - *Lumbar Plexus Block: What Could Go Wrong?* 2016
    - Grand Rounds – Morbidity and Mortality
    - Anesthesiology Department
  - *A Review of Truncal Blocks: Is It All Junk in the Trunk?* 2017
    - Grand Rounds – Update on New Techniques
    - Anesthesiology Department
  - *Multimodal Analgesia* 2018
    - Invited Speaker for Grand Rounds
    - Oral-Maxillofacial Department
  - *Point of Care Ultrasound (POCUS)* 2019
    - Lecture/Workshop on POCUS in clinical setting
    - Anesthesiology Department
  - *High Risk Patient in Regional Anesthesia* 2019
    - Grand Rounds – Morbidity and Mortality
    - Anesthesiology Department
  - *Acute Pain Management for Cardiac and Thoracic Surgery* 2020
    - Invited Speaker for Grand Rounds
    - Cardiothoracic Surgery Department
  - *Trust but Verify: Incorrect Dosing of Epinephrine by Surgical Team* 2021
    - Grand Rounds – Morbidity and Mortality
    - Anesthesiology Department
- Local: University of Colorado
  - *POCUS: A Year of Probing Tales* 2025
    - Grand Rounds
    - Anesthesiology Department
  - Lung Ultrasound 2025
    - Intern Skills Day
    - Lecture and Workshop for Interns – skills and use of lung ultrasound

- *Ultrasound Skills for Neurosurgeons* 2024
    - Cadaver workshop demonstrating use of ultrasound for relevant nerve blocks and anatomical evaluation
    - Neurosurgery Department
- Regional: Charleston, SC
  - *Point of Care Ultrasound: What Lies Beneath* 2019
    - Invited Speaker
    - Northwest Anesthesia Conference
- National
  - *Basic Focused Assessed Transthoracic Echocardiography (FATE)* 2019
    - Lecture and Workshop for Anesthesiology Faculty
    - University of Texas, McGovern Medical School, Houston TX
    - Created review material for attendees
  - *Cadaveric Workshop on Advanced Skills That Every Physician Anesthesiologist Should Know* 2019, 2022-2024
    - 8-hour workshop for Anesthesiologists, Critical Care and Emergency Dept Physicians
    - American Society of Anesthesiologists – National Conference
    - Demonstrated use of variety of nerve blocks, intraosseous access, chest tubes, difficult airway management on cadavers
  - *Regional Anesthesia for Cardiac Surgery* 2019, 2022-2024
    - Workshop and panel for Anesthesiologists
    - American Society of Anesthesiologists – National Conference
    - Taught PEC I and II, Serratus Anterior Plane, Superficial and Deep Parasternal and Stellate Ganglion blocks to Anesthesiologists
  - *Point of Care Ultrasound* 2023-2025
    - Workshop for Anesthesiologists
    - American Society of Anesthesiologists – National Conference
    - Taught gastric, airway, lung, airway, FAST and Basic Focused Assessed Transthoracic Echocardiography (FATE) to Anesthesiologists
    - Review material created and distributed
  - Novel Interfascial Plane Ultrasound Guided Blocks and Mixed Reality
  - Simulation for Epidural and Paravertebral Blocks. 2025
    - Workshop for Anesthesiologists
    - American Society of Anesthesiologists – National Conference
    - Taught Paravertebral, Erector Spinae and Serratus Anterior Plane Blocks
  - Geriatric Hip Fractures: Regional Analgesia Techniques and Perioperative POCUS Cardiac Assessment 2025
    - Workshop for Anesthesiologists
    - American Society of Anesthesiologists – National Conference
    - Taught Focuses Assessed Transthoracic Echocardiography as pre-anesthesia evaluation of fragility fractures
  - *Basic POCUS* 2024-2025
    - Invited Speaker on Gastric Ultrasound
    - ASRA National POCUS Course (weekend course)

- Taught gastric, airway, lung, airway, FAST and Basic Focused Assessed Transthoracic Echocardiography (FATE) to Anesthesiologists
  - *University of Connecticut POCUS* 2025
    - Invited speaker on Lung Ultrasound for Anesthesiology faculty and residents
    - Taught gastric, airway, lung, airway, FAST and Basic Focused Assessed Transthoracic Echocardiography (FATE) to Anesthesiologists

## Teaching Record

- Medical University of South Carolina
  - *Involvement in Formal Medical School Courses* 2016-2024
    - ANES 880J and ANES 860: Anesthesia Rotation for 3<sup>rd</sup> and 4<sup>th</sup> year medical students
      - Frequency: 1-2 week
      - Number of contact hours: 8-12 hours a week
      - Number of students: 1-3
      - Basic education on anesthetic drugs
      - Intra-op teaching – masking skills, intubation, intravenous access regional anesthesia
      - Preparation for residency application including mock-interviews
    - ANES 970E: Medical Student Research Elective 2017-2024
      - Frequency: 1-2 times a month
      - Number of contact hours: 12 hours a month
      - Number of students: 1-2 per semester
      - Type of student: 4<sup>th</sup> year medical student
      - Goals: teach students how to do a literature search, develop an IRB protocol, collect and analyze data and write a research paper
      - Students: Robert Raidt, Logan Hood, Lucy Cofran, Davis Hanvy
  - *One-on-one or small group teaching*
    - Multidisciplinary Rounds with Orthopedic Service 2016-2017
    - One on One Teaching in the Operating Room with Residents 2016-2024
    - RAAPM Clinical Rounds 2016-2024
    - Regional Anesthesia Rotation Teaching 2016-2024
      - Ultrasound and Nerve-Stimulation Technique
      - Peripheral nerve anatomy
      - Different types of blocks and rationale behind choice
      - Point of Care Ultrasound to guide clinical decision making
  - *Involvement in formal courses offered by other colleges* 2017-2024

- AFN541, Anesthesia Practicum I
  - AFN 641 Anesthesia Practicum II
  - AFN 642 Anesthesia Practicum III
  - AFN 642 Anesthesia Practicum IV
    - Frequency: 1-2 times per week
    - Number of contact hours: 12 hrs. per week
    - Number of students: 1-2 students
    - Type of students: First year SRNA students, Second year SRNA students
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- *Resident Mentoring* 2017-2024
    - Review progress and devise plans to overcome obstacles
    - Discuss career paths
    - Utilize networking to foster connections
    - Met quarterly at minimum
  - *Medical Student Mentoring* 2017-2024
    - Guidance on career paths,
    - ERAS application wrote letters of recommendations and reviewed personal statements
    - Faculty advisor for medical students participating in IRB-approved research
      - Oversaw literature review, reviewed writing for *submission*.
  - *Ashley River Tower Regional Anesthesia Rotation Director* 2017-2020
    - Oversaw resident education for the rotation
    - Communicated updated regional anesthesia and multimodal analgesia for variety of surgeries to both regional and OR anesthesia teams
  - *Anesthesia for Total Hip Arthroplasty - Update* 2017
    - Based on newest guidelines from ASRA
    - Spinal dosing, timing of placement after anticoagulation
  - *Associate Program Director for Anesthesia Residency* 2018-2020
    - *Education Committee Chair* – oversaw quarterly meetings to evaluate education of residency program
    - Reorganized lectures for residents
    - Regular use of keyword – requirement for residents to *teach* the faculty
    - Active intra-op teaching – Problem Based Learning
      - Divided up 8 books of Ultimate Board Prep into specialty specific sections for attendings to utilize in a more Socratic method
    - Met with residents regularly to get feedback
      - Quality of material and education
      - Potential improvements

- *Mock Oral Board Examiner* 2018-2023
  - Examiner for residents and fellows
  - Provided feedback to residents as well as information for improvement
- *Review Materials*
  - Created a PDF study guide of Focused Assessed Transthoracic Echo (FATE)
  - Based on ASRA USABCD course
  - Permission granted by Eric Sloth – creator of FATE
- *Poster Moderator at ASA* 2019
  - Reviewed posters along with relevant information ahead of time
  - Encouraged discussion on day of presentation via questions
- *Fiberoptic Airway/Difficult Airway SIM Course* 2019-2023
  - Review relevant anatomy, equipment and practice procedural skills with CA-1s – quarterly
- *Protocol Development for Enhanced Recovery After Surgery*
  - Amputations 2019
    - Request by Vascular Surgery Department
    - Coordinated nutrition, anticoagulation, nerve blocks and multimodal analgesia
    - Co-authored with resident interested in RAAPM
  - Cardiac And Thoracic Surgery 2021
    - Combination of Regional Anesthesia and multimodal analgesia
    - Coordination between Pharmacists, Critical care, Cardiothoracic and Regional Anesthesia teams
    - RAAPM fellows – on operational side
- *Formal Lectures*
  - “Post-Anesthesia Care Unit” 2019
    - CA-1 Lecture Series
  - Invited Lecturer at Student National Medical Association 2019
    - MUSC Chapter
    - Presence of racial inequities in pain management
    - Discussed role of anesthesiologist in creating equity
  - “General Anesthetic” 2019-2020
    - Review of sedation, general anesthesia, medications
    - Annual lecture for 2<sup>nd</sup> year medical students
  - Pre-Anesthesia Clinic Lectures 2020-2024
    - “Predictors of Difficult Airways”
    - “Point of Care Ultrasound as a Tool in the Pre-Anesthesia Clinic”
    - “Sleep Apnea and Anesthesia”
    - “Multimodal Analgesia”

- *Fellowship Director for Regional Anesthesiology* 2022-2024
  - Formalized fellowships lectures
    - Created outlines
    - Included relevant and up-to-date articles
  - Organized and oversaw journal club – 3 times a year
- *ASRA Diversity Equity and Inclusion SIG Newsletter Co-Chair* 2023-Present
  - Quarterly discussions with leadership regarding material for Diversity Spotlight in ASRA News
  - Coordinating articles quarterly for publication
  - Writing articles with residents and attendings from other institutions
- *Point of Care Ultrasound SIM Course* 2022-2024
  - Core faculty of POCUS teaching,
  - Leading education on gastric ultrasound
- *Gastric Ultrasound for GLP-1* 2024
  - Mentored resident-led project, reviewed lecture and taught workshop
- University of Colorado: Anschutz Medical Campus
  - *One-on-one or small group teaching* 2024-Present
    - One on One Teaching in the Operating Room with Residents
      - Goodnotes lectures
        - Pressure Volume Loops
        - Magnesium for Analgesia
        - Spinal Needles
        - Spine Anatomy
        - Multimodal Analgesia
        - Options for Managing the Airway
    - RAAPM Clinical Rounds
    - Regional Anesthesia Rotation Teaching
      - Ultrasound and Nerve-Stimulation Technique
      - Peripheral nerve anatomy
      - Different types of blocks and rationale behind choice
      - Point of Care Ultrasound to guide clinical decision making
      - Goodnotes Lectures
        - Compressed Air Injection Technique
        - Adductor Canal/Anterior Femoral Cutaneous Nerve
  - Resident Morning Lecture 2024
    - “Stellate Ganglion Block”
  - Point of Care Ultrasound 2024-Present
    - Review for OSCE for residents
    - Helping organize lectures and teaching tools for residents

## Professional Development

- *FATE*: Basic and Advanced certified
- *Cryoneurolysis* – newer skill for longer lasting analgesia
- Procreate – app for medical illustration for research papers
- Goodnotes – intra-op teaching with immediate email of notes.
- Videoleap – able to create video for teaching purpose
- QR code generator – easy distribution of information
- V-Scan AIR app – to coordinate with CANTO
- Canva – app for social media creation

## Grant Support

All studies funded by Anesthesiology Department and South Carolina Clinical and Translational Research Institute (SCTR)

### Completed

1. George RM, McSwain JR, Gukasov M, Wilson DA, Nitchie H, Wilson SH. Dermatomal spread in lateral quadratus lumborum blocks versus transversus abdominus plane blocks after laparoscopic colorectal surgery: a randomized clinical trial. *Reg Anesth Pain Med*. Published online November 7, 2024. doi:10.1136/rapm-2024-105488
  - i. PMID: 39510803
  - ii. Funded – 2018-2024
2. Barnett NR, George RM, Hatter KH, et al. Pregnancy complications and loss: an observational survey comparing anesthesiologists and obstetrician-gynecologists. *J Matern Fetal Neonatal Med*. 2024;37(1):2311072. doi:10.1080/14767058.2024.2311072
  - i. PMID: 38326280
  - ii. Funded – 2021-2023
3. Wilson SH, George RM, Matos JR, Wilson DA, Johnson WJ, Woolf SK. Preoperative Quadratus Lumborum Block Reduces Opioid Requirements in the Immediate Postoperative Period Following Hip Arthroscopy: A Randomized, Blinded Clinical Trial. *Arthroscopy*. 2022;38(3):808-815. doi:10.1016/j.arthro.2021.07.029
  - i. PMID: 34343623
  - ii. Funded – 2019-2022
4. Wilson SH, George RM, Wilson DA, Risley C, Woolf SK. Preoperative Quadratus Lumborum Block Reduces Initial Postoperative Opioid Consumption Following Hip Arthroscopy: A Retrospective Analysis. *J Surg Orthop Adv*. 2022;31(1):17-21
  - i. PMID: 35377302
  - ii. Funded – 2019-2021

## Bibliography

### Peer Reviewed

1. George RM, McSwain JR, Gukasov M, Wilson DA, Nitchie H, Wilson SH. Dermatomal spread in lateral quadratus lumborum blocks versus transversus abdominus plane blocks after laparoscopic colorectal surgery: a randomized clinical trial. *Reg Anesth Pain Med*. Published online November 7, 2024. doi:10.1136/rapm-2024-105488
  - a. PMID: 39510803
2. Kelly, T., Moore, B., & George, R. (2024). Improving morbidity and mortality in hip fragility fractures. *Current opinion in anaesthesiology*, 37(3), 316–322. <https://doi.org/10.1097/ACO.0000000000001360>
  - a. PMID: 38390903
3. Fisher, A. D., Fisher, G., George, R., Hay, E., Wolla, C. D., & Wolf, B. J. (2024). Comparative evaluation of ChatGPT versions in anesthesia patient education for total hip arthroplasty. *Journal of Medical Artificial Intelligence*.
  - a.
4. Barnett NR, George RM, Hatter KH, et al. Pregnancy complications and loss: an observational survey comparing anesthesiologists and obstetrician-gynecologists. *J Matern Fetal Neonatal Med*. 2024;37(1):2311072. doi:10.1080/14767058.2024.2311072
  - a. PMID: 38326280
5. Patel RA, Condrey JM, George RM, Wolf BJ, Wilson SH. Stellate ganglion block catheters for refractory electrical storm: a retrospective cohort and care pathway. *Reg Anesth Pain Med*. 2023;48(5):224-228. doi:10.1136/rapm-2022-104172
  - a. PMID: 36725213
6. Wilson SH, George RM, Matos JR, Wilson DA, Johnson WJ, Woolf SK. Preoperative Quadratus Lumborum Block Reduces Opioid Requirements in the Immediate Postoperative Period Following Hip Arthroscopy: A Randomized, Blinded Clinical Trial. *Arthroscopy*. 2022;38(3):808-815. doi:10.1016/j.arthro.2021.07.029
  - a. PMID: 34343623
7. Wilson SH, George RM, Wilson DA, Risley C, Woolf SK. Preoperative Quadratus Lumborum Block Reduces Initial Postoperative Opioid Consumption Following Hip Arthroscopy: A Retrospective Analysis. *J Surg Orthop Adv*. 2022;31(1):17-21
  - a. PMID: 35377302
8. Gutman, D. A., George, R., & Moore, L. (2019). Paravertebral Block for a Patient With Achalasia Undergoing a Peroral Endoscopic Myotomy Procedure: A Case Report. *A&A practice*, 13(11), 413–414. <https://doi.org/10.1213/XAA.0000000000001088>
  - a. PMID: 31567272
9. Matos JR, George RM, Wilson SH. It Is Not Always the Epidural: A Case Report of Anterior Spinal Artery Ischemia in a Trauma Patient. *A A Pract*. 2018;11(6):148-150. doi:10.1213/XAA.0000000000000764
  - a. PMID: 29634525
10. George RM, Yared M, Wilson SH. Deep Serratus Plane Catheter for Management of Acute Postthoracotomy Pain After Descending Aortic Aneurysm Repair in a Morbidly Obese Patient: A Case Report. *A A Pract*. 2018;10(3):49-52.
  - a. PMID: 28937423
11. Gumbert SD, Nwokolo OO, Markam T, et al. Observations and Suggestions for Millennial Resident Applicant Interviewees. *Anesth Analg*. 2016;122(6):2065-2066. doi:10.1213/ANE.0000000000001232
  - a. PMID: 27195649

### Letter

12. George RM, Wilson SH. Abdominal field blocks in minimally invasive surgery and the cutaneous sensory block area: in reply. *Regional Anesth Pain Med*. *Accepted*
13. George RM, Wilson SH. Serratus plane blocks: not quite plane and simple. *Reg Anesth Pain Med*. Published online February 13, 2019. doi:10.1136/rapm-2018-100338
  - a. PMID: 30760504

### Non-Peer Reviewed

#### *ASA Monitor*

14. Kennedy, J., George, R., Kirberg, K., Umeh, U. Students to ASA 2025: Inspiring the Next Generation in San Antonio. *ASA Monitor*, 2026 90(3)  
DOI:10.1097/01.ASM.0001181368.11007.ab

#### *ASRA News*

15. Sen, S., Baumann, N. and George, R. Pocus spotlight: Defining competency in point of Care Ultrasound. *ASRA Pain Medicine News*, 2025; 50. <https://doi.org/10.52211/asra110125.011>.
16. Pingnot E, Muse IO, George R. Embracing diversity: the adequacy and importance of cultural competency education in medical school and residency. *ASRA Pain Medicine News* 2024;49. <https://doi.org/10.52211/asra050124.005>.
17. Aguilera, A. Hay, E. Matos, J. George R. The beauty of diversity in medicine, *ASRA Pain Medicine* 2020. Available at: <https://www.asra.com/news-publications/asra-newsletter/newsletter-item/asra-news/2020/08/02/the-beauty-of-diversity-in-medicine>
18. Condrey J, George R., Wilson S. How I do it: stellate ganglion blocks for refractory ventricular electrical storm. *ASRA Pain Medicine News* 2022;47. <https://doi.org/10.52211/asra110122.046>
19. George R., Dahl K, DeHaan J. How I Do It: Transversus Thoracic Plane and Pecto-Intercostal Plane Fascial Block. *ASRA Pain Medicine News* 2020. Available at <https://www.asra.com/news-publications/asra-newsletter/may-2020/may-2020-asra-news/asra-news/2020/05/01/how-i-do-it-transversus-thoracic-plane-and-pecto-intercostal-fascial-block>
20. George R., Jackson JM, Wilson SH. "Oh Mg!" Magnesium: A Powerful Tool in the Perioperative Setting. *ASRA Pain Medicine News* 2018. Available at <https://www.asra.com/news-publications/asra-newsletter/newsletter-item/asra-news/2018/07/23/-oh-mg!-magnesium-a-powerful-tool-in-the-perioperative-setting>

#### *Book Chapter*

21. Berkow, Lauren C., Renuka M. George, and Loren R. Francis, 'Intraoperative Management of the Bleeding Patient', in Lauren C. Berkow, MD, FASA (ed.), *Emergency Anesthesia Procedures* (New York, 2023; online edn, Oxford Academic, 1 Sept. 2023), <https://doi.org/10.1093/med/9780190902247.003.0017>, accessed 17 Feb. 2025

### *Editorials*

1. George R. Diversity SIG Perspectives Series: Transition to Motherhood. *ASRA Pain Medicine News* 2023. Available at <https://www.asra.com/news-publications/asra-updates/blog-landing/legacy-b-blog-posts/2023/12/01/diversity-sig-perspectives-series#George>
22. George R., Diversity SIG Celebrating Women's History Month: A Woman You Should Know About: Ida Scudder, MD. *ASRA Pain Medicine News* 2023. Available at <https://www.asra.com/news-publications/asra-updates/blog-landing/legacy-b-blog-posts/2023/03/01/celebrating-women's-history-month-2023#scudder>

### Poster Presentations

23. Kaye, A., Headden, K. W., & George, R. M. (2023). Emergent Stellate Ganglion Block for Coding Patient in Refractory Ventricular Tachycardia. In American Society of Regional Anesthesiology (city and state and date of you had it completes it nicely, for all if possible)
24. George, R. M. (2018, April). "Parasternal Block in a Morbidly Obese Patient with Sternal Fracture." In American Society of Regional Anesthesiology World Congress.
25. Kelly, T. L., Gelman, E., & George, R. M. (2017, September). "Unusual Case of Severe Portal Hypertension and Its Anesthetic Management." In North and South Carolina Anesthesiology Conference.
26. George, R. M., Yared, M. J., & Wilson, S. H. (2017, May). "Deep Serratus Plane Catheter for Management of Acute Post-Thoracotomy Pain in a Patient with a Descending Aortic Aneurysm Repair." In International Anesthesia Research Society.
27. George, R. M., Matos J.R., McKinnon J., Brinkley T., Wilson S.H. (2017, April). "It Is Not Always The Epidural: A Case Report of Anterior Spinal Artery Ischemia in a Trauma Patient." In American Society of Regional Anesthesia National Meeting.
28. George, R. M., Osuoagwu, U., & Nwokolo, O. (2016, October). "Delayed Management of Uterine Rupture." In American Society of Anesthesiologists National Meeting.

### Interviews

29. George, Renuka. "They Took Blockbuster Drugs for Weightloss and Diabetes. Now Their Stomachs are Paralyzed." Interview with Brenda Goodman. *CNN Health*. July 25, 2023. Available at <https://www.cnn.com/2023/07/25/health/weight-loss-diabetes-drugs-gastroparesis/index.html>
30. George, Renuka. Interview with Helen Adams. *MUSC Catalyst News*. August 7, 2023. Available at <https://web.musc.edu/about/news-center/2023/08/07/musc-studies-effects-of-popular-diabetes-and-weight-loss-drugs-on-surgical-patients>
31. George, Renuka. "MUSC Studies Effects of Popular Weight Loss and Diabetes Drugs on Surgical Patients." Alumni Interview with Renuka George, MD '12." Interview with Zack Merhavy. *Alumni Interview with Renuka George MD '12*. March 14, 2022. Available at <https://www.rusmrars.com/post/alumni-interview-with-dr-renuka-george-md-12>
32. George, Renuka. "Easing Pain is a Way of Life for Medical Director, Renuka George." Interview. *Alumni News*. October 5, 2021. Available at <https://medical.rossu.edu/about/news/easing-pain-is-a-way-of-life-for-medical-director-renuka-george>