Date of Document: November 14, 2026

CURRICULUM VITAE

Laura Gonzalez MD

Associate Professor
Department of Anesthesiology

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EDUCATION:

09/2005 - 05/2009 BS, University of Wisconsin - Madison, Madison, WI
08/2010 - 05/2014 MD, University of Wisconsin School of Medicine and Public Health, Madison, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

06/2014 - 06/2018 Resident, Anesthesiology, University of Wisconsin Hospital and Clinics, Madison, WI 53792
07/2017 - 06/2018 Chief Resident, Department of Anesthesiology, University of Wisconsin Hospital and Clinics, Madison, WI
07/2018 - 06/2019 Adult Cardiothoracic Anesthesiology Fellow, Department of Anesthesiology and Critical Care, University of Chicago, Chicago, IL 60637
06/2023 - 06/2024 Student, Completed year-long multi-disciplinary education-focused curriculum in improving teaching efficacy and character into education, Kern Kinetic3 Teaching Academy Excellence in Teaching Cohort

FACULTY APPOINTMENTS:

08/2019 - 06/2025 Assistant Professor, Department of Anesthesiology, Division of Cardiothoracic Anesthesia, Medical College of Wisconsin, Milwaukee, WI
07/2025 - Present Associate Professor, Department of Anesthesiology, Division of Cardiothoracic Anesthesia, Medical College of Wisconsin, Milwaukee, WI

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

08/01/2022 - 03/01/2023 Associate Program Director, Core Anesthesiology Residency, Department of Anesthesiology, Medical College of Wisconsin, Milwaukee, WI
03/2023 - 08/2024 Program Director (Interim), Core Residency, Department of Anesthesiology, Medical College of Wisconsin, Milwaukee, WI
03/2023 - Present Associate Program Director, Departments of Anesthesiology and Pediatrics, Combined Pediatrics – Anesthesiology Residency Program, Medical College of Wisconsin, Milwaukee, WI
08/2024 - Present Program Director, Core Residency, Department of Anesthesiology, Medical College of Wisconsin, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

08/2019 - Present Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Ave., Milwaukee, WI 53226
08/2019 - Present Froedtert Menomonee Falls Hospital, W180 N8085 Town Hall Road, Menomonee Falls, WI 53051
08/2019 - 08/2022 Clement J. Zablocki Veterans' Administration Medical Center. 5000 W National Ave., Milwaukee, WI, 53295.

SPECIALTY BOARDS AND CERTIFICATION:

Board Certified	Issue Date	Expiration
Board Certification in Anesthesiology	06/13/2019	12/31/2029

Certificates	Issued By	Issue Date	Expiration
Diplomate in Advanced Perioperative Transesophageal Echocardiography	National Board of Echocardiography		12/31/2029

Licensure	Number	Issue Date	Expiration
Wisconsin Medical License	65091-20	02/12/2016	10/31/2021
Illinois Medical License	036.145736		07/31/2020

AWARDS AND HONORS:

05/2012 Medical Student Leadership and Service Award, University of Wisconsin School of Medicine and Public Health

2019 - 2020 Outstanding Medical Student Teacher Award, Medical College of Wisconsin

2020 - 2021 Outstanding Medical Student Teacher Award, Medical College of Wisconsin

2021 David C. Warltier, MD, PhD, Teacher of the Year Award, Medical College of Wisconsin Department of Anesthesiology

06/2025 Unsung Hero Award, Medical College of Wisconsin

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

Society of Cardiovascular Anesthesiologists

American Society of Anesthesiologists

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Ad-Hoc Reviewer

11/2020 - Present Journal of Cardiothoracic and Vascular Anesthesia

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

02/2021 - Present Anesthesia Quality Steering Committee, Medical College of Wisconsin Department of Anesthesiology

07/01/2022 - Present Associate Patient Safety Quality Officer, Department of Anesthesiology

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

11/2021 - Present Adult Cardiac Anesthesia Maintenance of Certification (MOCA) Committee, American Board of Anesthesiology

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Regional

Perioperative Racial Disparities, Department of Anesthesiology Grand Rounds, Medical College of Wisconsin, 07/29/2018

Local

Department of Anesthesiology Quality Improvement Conference - ACT Monitoring, Medical College of Wisconsin, 07/22/2020

Department of Anesthesiology Morbidity & Mortality Conference - Malignant Hyperthermia, Medical College of Wisconsin, 10/28/2020

COMMITTEE SERVICE:

Medical College of Wisconsin

11/2021 - Present Vascular Surgery Search Committee, Department of Surgery, Medical College of Wisconsin

Hospital

01/2021 - Present Heart and Vascular Service Line System Performance and Operations Team (SPOT), Froedtert Hospital

MCW TEACHING ACTIVITIES:

Medical Student Education

08/2020 - Present MS3 Lecture: Basics of Mechanical Ventilation Lecture Dates 8/5/20, 9/30/20, 11/18/20, 3/24/21, 5/5/21, 7/21/21, 9/29/21, 10/27/21

08/2021 - Present M3 Clerkship Simulation Leader Simulation Dates: 8/13/21

Resident and Fellow Education

11/29/2019 Mock Oral Boards
11/23/2020 CA1 Lecture: Non-Opioid Anesthetics
04/05/2021 CA1 Lecture: Ventilator Management
06/29/2021 CA2/3 Lecture: Management of Valvular Heart Disease
07/26/2021 Intern Lecture - Racial & Ethnic Disparities in Healthcare
08/26/2021 Intern Lecture - Racial & Ethnic Disparities in Healthcare
10/20/2021 CA 2/3 Lecture: Management of Cardiac Implantable Electronic Devices (CIED) in the OR
10/20/2021 CA2/3 Lecture: Management of Valvular Heart Disease
10/22/2021 Intern Lecture - Racial & Ethnic Disparities in Healthcare

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:

Medical Students

2021 - 2022 Kathleen Christianson, M4 Clinical Advisor, Medical College of Wisconsin, MD Graduate 2022; Anesthesiology Resident at Loyola, Chicago IL (graduated 2026); Staff Anesthesiologist, Advocate Aurora, Milwaukee WI

2023 - 2024 Snehith (Ragasnehith) Maddula, M4 Clinical Advisor, Medical College of Wisconsin, MD Graduate 2024; Anesthesiology Resident at Yale, New Haven CT (expected residency graduation June 2028)

Residents

01/2020 - 03/2020 Julie Harvey, Educational Activities, Medical College of Wisconsin, MARC Presentation [conference cancelled]

04/2020 - 07/2020 Kevin Beitz, Presentation Advisor, Medical College of Wisconsin, Presentation of Morbidity & Mortality conference

07/2020 - Present Matthew Gonzalez, Faculty Mentor, Medical College of Wisconsin, Staff Anesthesiologist, Advocate-Aurora, Milwaukee WI

02/2023 - 05/2023 Rasheed Richard, Presentation Mentor, Medical College of Wisconsin, Presentation of abstract at Society for Cardiovascular Anesthesiologists Annual Meeting

01/2024 - 04/2024 Lorraine Dang, Presentation Mentor, Medical College of Wisconsin, Presentation of case at Midwest Anesthesia Residents Conference

02/2024 - 05/2024 Paul Uzodinma, Presentation Mentor, Medical College of Wisconsin, Presentation of Abstract at Society for Cardiovascular Anesthesiologists Annual Meeting

07/2024 - 10/2024 Paul Otto, Research Mentor, Medical College of Wisconsin, Current IRB for studying the effect of a formal Peer Supporter Program on Second Victim Syndrome in anesthesiology residents; Presentation of abstract at Anesthesiology Annual Meeting

01/2026 - 04/2026 Sabrina Karwowski, Presentation Mentor, Medical College of Wisconsin, Presentation of Abstract at Society for Cardiovascular Anesthesiologists Annual Meeting

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Resident

07/01/2021 - Present Vascular Anesthesiology Resident Rotation Director

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Gonzalez LS, Donnelly MJ. A survey of residency program directors in anesthesiology regarding mentorship of residents. J Clin Anesth. 2016 Sep;33:254-65.
2. Gonzalez LS, Fahy BG, Lien CA. Gender distribution in United States anaesthesiology residency programme directors: trends and implications. Br J Anaesth. 2020 Mar;124(3):e63-e69.
3. Essig GF Jr, Niermeyer WL, Essandoh M, Dewhirst E, Gerlach RM, Gonzalez LS, Chaney MA. Averting Risk of Airway Loss During Surgical Management of Retrosternal Goiters. J Cardiothorac Vasc Anesth. 2020 Aug;34(8):2260-2268.
4. González LS, Chaney MA. Balloon Pump Counterpulsation Part II: Perioperative Hemodynamic Support and New Directions. Anesth Analg. 2020 Sep;131(3):792-807.
5. González LS, Chaney MA. Intraaortic Balloon Pump Counterpulsation, Part I: History, Technical Aspects, Physiologic Effects, Contraindications, Medical Applications/Outcomes. Anesth Analg. 2020 Sep;131(3):776-791.
6. Gonzalez LS, Chaney MA, Wahr JA, Rebello E. What's in That Syringe? J Cardiothorac Vasc Anesth. 2020 Sep;34(9):2524-2531.
7. Hang D, Schmitt MC, Gonzalez LS, Zdanovec A, Pagel PS. Left Atrial Appendage Confusion: A Mobile Echodensity in a Patient With Endocarditis. J Cardiothorac Vasc Anesth. 2022 Aug;36(8 Pt A):2829-2832.
8. Gonzalez LS, Coghlan C, Alsatli RA, Alsatli O, Tam CW, Kumar SR, Thalappillil R, Chaney MA. The Entrapped Pulmonary Artery Catheter. J Cardiothorac Vasc Anesth. 2022 Nov;36(11):4198-4207.
9. Hang D, Pagryzinski AR, Zdanovec A, Gonzalez LS, Pagel PS. Dilated Coronary Sinus: The Usual Persistent Left Superior Vena Cava or a Less Common Etiology? J Cardiothorac Vasc Anesth. 2022 Jul;36(7):2240-2243.
10. Lorenz JD, Duvall LR, González LS, Pagel PS, Hang D. Turbulent Flow in the Right Atrium: Severe Tricuspid Regurgitation or Another Rare Etiology? J Cardiothorac Vasc Anesth. 2023 Oct;37(10):2148-2152.
11. Schoephoerster CT, Rajaei MH, Gonzalez LS, Brown KR, Mitchell ME, Rossi PJ. Left-sided inferior vena cava implications for cardiopulmonary bypass cannulation in open thoracoabdominal aortic aneurysm repair. J Vasc Surg Cases Innov Tech. 2023 Jun;9(2):101166. PMCID: PMC10160780
12. Castro AL, Makker H, Gonzalez LS, Jensen A, Tarima SS, Pagryzinski A, Thapa R, Qureshi A, Fadumiye C, Weierstahl K, Pearson P, Freed JK. Pecto-intercostal fascial plane block with or without rectus sheath block in cardiac surgery: a prospective, randomized, double-blind placebo-controlled study. Reg Anesth Pain Med. 2025 Sep 21. PMCID: PMC12698029

Books, Chapters, and Reviews

1. González LS, Makker H. Cardiac and Thoracic Anesthesiology Anesthesia Student Survival Guide: a Case-Based Approach, Third Edition. 1 January 2022:369-397.

Non-Refereed Journal Publications/Original Papers

1. González LS, Izquierdo DA, Davidovich RM. Definition and diagnosis of intraoperative myocardial ischemia. Int Anesthesiol Clin. 2021;59(1):45-52.
2. Daubenspeck D, González LS, Gerlach RM, Chaney MA. Unique Complications Associated With the Subclavian Intra-Aortic Balloon Pump. J Cardiothorac Vasc Anesth. 2021 Jul;35(7):2212-2222.
3. González LS, Grady M. Intra-aortic balloon pump counterpulsation: technical function, management, and clinical indications. Int Anesthesiol Clin. 2022 Oct 01;60(4):16-23.
4. Coghlan C, Daubenspeck D, González LS, Feider A, Chaney MA. Management of Incidental Aortic Valve Mass. J Cardiothorac Vasc Anesth. 2023 Aug;37(8):1495-1502.
5. González LS. "Concomitant Percutaneous Atrial Septal Defect Closure With an Amplatzer Septal Occluder

and HeartMate 3 Implantation for High-risk Heart Failure Patients: A Novel Hybrid Strategy". J Cardiothorac Vasc Anesth. 2024 Sep;38(9):2125-2128.