

UNIVERSITY OF MIAMI
Curriculum Vitae

1. Date: December 27, 2025

PERSONAL

2. Name: Nicole A. Gonzaga Gomez, DNP,
CRNA, APRN, CHSE, FAANA

3. Home Phone: N/A

4. Office Phone: 305.284.2878

5. Home Address: N/A

6. Current Academic Rank: Associate Professor of Clinical

7. Primary Department: Nursing

8. Secondary or Joint Appointments: N/A

9. Citizenship: U.S.

10. Visa Type (if non-citizen): N/A

HIGHER EDUCATION

11. Institutional: (*denotes degree conferred)

Johns Hopkins University, Baltimore, MD
Doctor of Nursing Practice

05/2013 - 05/2015

Columbia University, New York, NY
Master of Science

*10/2004
09/2002 - 08/2004

The University of Texas, Austin, TX
Bachelor of Science – Nursing

08/1994 - 05/1998

12. Non-Institutional: N/A

13. Certification, licensure:

National Board of Certification and Recertification for Nurse Anesthetists (NBCRNA)

Certified Registered Nurse Anesthetist (CRNA)

10/2004, exp. 07/2028

CPCA National Recertification Exam	12/2023
Society of Simulation in Healthcare (SSH) Certified Healthcare Simulation Educator (CHSE)	01/2020, exp. 01/2029
Florida Board of Nursing Advanced Practice Registered Nurse (APRN) Registered Nurse (RN)	12/2005, exp. 04/2027 04/2019, exp. 04/2027
New York State Board of Nursing Registered Nurse (RN) - Inactive	09/2002 - 10/2017
Pennsylvania State Board of Nursing Registered Nurse (RN) – Inactive	05/2003 -10/2004
California State Board of Nursing Registered Nurse (RN) – Inactive	07/1998 - 10/2003
American Heart Association BLS ACLS PALS	07/1998, exp. 05/2026 07/1998, exp. 05/2026 07/1998, exp. 05/2026

EXPERIENCE

14. Academic:

University of Miami School of Nursing & Health Studies, Coral Gables, FL

-Associate Professor of Clinical	06/2025 – present
-Associate Program Director, DNP Nurse Anesthesia Program	11/2021 – present
-Assistant Professor of Clinical	08/2018 – present
-Lecturer/Part-time Clinical Faculty	05/2017 – 08/2018
-Adjunct Faculty (non-paid)	02/2016 – 05/2017

15. Non-Academic/clinical:

Jackson Health System, Jackson West Medical Center, Doral, FL

<u>Per-diem Staff CRNA:</u>	10/2021 – present
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-Department of Anesthesiology. Anesthetic experiences include GI, NORA, GYN/GU, abdominal bariatric, plastic/reconstructive, and orthopedic cases.

UHealth System, UHealth Tower and Sylvester Comprehensive Cancer Center, Department of Anesthesiology, Miller School of Medicine, University of Miami, FL

<u>Clinical faculty appointment:</u>	06/2018 – present
<u>Per-diem Staff CRNA:</u>	04/2009 – present

-Clinical preceptor to nurse anesthesia residents from UM NAP

Sheridan Healthcorp/Envision Healthcare, Memorial Hospital West, Pembroke Pines, FL

Per-diem Staff CRNA: 07/2017 – 01/2026

Chief OB CRNA: 01/2012-07/2017

-Managed a full-time rotating schedule of OB CRNAs

-Administrative: Leadership Committee Member, Regional Chiefs Member

OB CRNA: 01/2006-07/2017

-FIU NAP Preceptor/OB Clinical coordinator 2008-2010

Provided neuraxial and general anesthetics to the obstetric population, 24-hour coverage;
provided coverage as a Main OR CRNA in addition to OB responsibilities

NYU Langone Medical Center, New York, NY

Staff CRNA: 09/2004-01/2006

-Provided a variety of anesthetics to patients undergoing general surgery, neuro, orthopedics, GYN, vascular, cancer, plastic/reconstructive, obstetric, pediatric, and cardiac cases.

UCLA Ronald Reagan Medical Center, Westwood, CA

Cardiothoracic ICU - Senior Clinical RN II: 07/1998-01/2003

Adult/Pediatric/Neonatal intensive care RN for cardiothoracic, congenital heart/lung disease surgical repairs; VADs, ECMO, transplants

-Senior preceptor

-Co-charge of the schedule for 60+ RN staff

16. Military: N/A

PUBLICATIONS:

17. Books and monographs published:

Gomez, N.A.G. (2023, August). Section 3. Shared experiences of doctorally prepared nurses on the edge of tomorrow: the certified registered nurse anesthetist narrative, Ch. 31, The Practice Nurse Narratives. In Taylor, L.A. & Terhaar, M.F. (Eds). *Preparing for doctoral study in nursing: making the most of the year before you begin*, 1st ed. New York: Elsevier. Paperback ISBN: 9780323875899 eBook ISBN: 9780323875974

18. Juried or refereed journal articles and exhibitions:

Foronda, C.L., Larrieu-Jimenez, P., Greengold, J., Mitzova-Vladinov, G., Everett-Thomas, R., Gitman, M.P., Silva, A.J., **Gomez, N.A.G.**, Azaiza, K., Williams, R.S., Owusu, B., Gerberi, D., & Vidot, D.C. (2025, August 5, available online). Screen-based simulation for family caregiver education: A scoping review. *Teaching and Learning in Nursing*, 000, 1-9. <https://doi.org/10.1016/j.teln.2025.06.013>

- Gomez, N.A.G.**, Hauglum, S.D., Mitzova-Vladinov, G., Acevedo, D., & Ocampo-Salazar, A. (2025, May 23, available online). Team building communication: “sim wars” game-based learning and peer-to-peer mentoring. *Clinical Simulation in Nursing*, 104(101761), 1-7. <https://doi.org/10.1016/j.ecns.2025.101761>
- Porter, A., **Gomez, N.A.G.**, Graefe, B., Falcon, A., & Foronda, C. (2025, May 15, available online). Teaching truth in turbulent times: navigating politicized policies on sex and gender in nursing education. *Nurse Education*, 50(5), 260-265. <https://doi.org/10.1097/NNE.0000000000001897>
- Sullivan, E., Foronda, C., **Gomez, N.A.G.**, Gattamorta, K., & Vidot, D. C. (2025, February, available online, in press). Implementation of perioperative anesthesia considerations for military veterans who consume cannabis: a quality improvement project. *Journal of PeriAnesthesia Nursing*, 40(2025), 821-826. <https://doi.org/10.1016/j.jopan.2024.10.006>
- Gomez, N.A.G.**, Wunder, L., & Mitzova-Vladinov, G. (2023). Effective Peer-to-peer mentoring for simulation-based obstetric and pediatric training in a graduate nurse anesthesia program. In *Abstracts Presented at the 23rd Annual International Meeting on Simulation in Healthcare, January 21–25, 2023, Orlando, FL. Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare*. 18(3): e1-e42, June 2023. <https://doi.org/10.1097/sih.0000000000000731>
- Morel, S. D., & **Gomez, N.A.G.** (2021). Improving on-time first case starts: an integrative review and quality improvement project plan. *Journal of PeriAnesthesia Nursing*, 36(6), 717–723. <https://doi.org/10.1016/j.jopan.2021.02.002>
- Gonzalez, J.E., **Gomez, N.A.G.**, Mitzova-Vladinov, G., Hauglum, S., Wunder, L., Groom, J.A., & Foronda, C.L. (2021, March). Integration of mixed reality and mannequin simulation during an operating room fire scenario. In *Abstracts Presented at the 21st Annual International Meeting on Simulation in Healthcare, January 19–March 31, 2021, Virtual Meeting. Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare, IMSH 2021 Technical Proceedings*. 16(3): e46-e93, June 2021. <https://doi.org/10.1097/SIH.0000000000000588>
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3816773
- Vladinov, G. M., Foronda, C. L., **Gomez, N.A.G.**, Wunder, L., Budhathoki, C., & Gonzalez, J. E. (2021, January). AneSBAR handoff rubric for nurse anesthesia students. *Clinical Simulation in Nursing*, 50(C), 102-106. Doi: <https://doi.org/10.1016/j.ecns.2020.09.004>
- Wunder, L.; **Gomez, N.A.G.**; Gonzalez, J.E.; Mitzova-Vladinov, G.; Cacchione, M.; Mato, J. Foronda, C.L.; Groom, J.A. (2020, September). Fire in the operating room: use of mixed reality simulation with nurse anesthesia students. *Informatics* 2020, 7, 40. doi: <https://doi.org/10.3390/informatics7040040>
- Gomez, N.A.G.**, Mitzova-Vladinov, G., Yadav, R., Lackaye, A., & Fabbro, M. (2020). Cardiovascular collapse during transurethral resection of a bladder tumor: A case report. *Journal of PeriAnesthesia Nursing*, 35(5), 457-459. doi: <https://doi.org/10.1016/j.jopan.2020.01.010>

Gomez, N.A.G., Warren, N., Labko, Y., & Sinclair, D. R. (2020). Intrathecal opioid dosing during spinal anesthesia for cesarean section: an integrative review. *Journal of Doctoral Nursing Practice*, 13(2): 108-119.
doi: <https://doi.org/10.1891/JDNP-D-19-00025>

19. Other works, publications, and abstracts:

Podcasts:

Rossano, R. (Host). (2024, April 17). [**Gomez, N.A.G.** Don't be afraid of anesthesia! A conversation with a dnp in anesthesia, season 2, episode 1]. In *Podcast recording for Take Care of Your Body* by Ry.
<https://open.spotify.com/show/0YpGh35HxDmOBtS0VP64b?si=J3WMEAAAsQnGf8-ooS7dIsQ>

Taylor, L. (Host). (2022, November 8). [**Gomez, N.A.G.** Shared experiences of doctorally prepared nurses on the edge of tomorrow: the certified registered nurse anesthetist narrative, Ch. 31, The Practice Nurse Narratives]. In *Podcast recording for Taylor, L.A. & Terhaar, M.F. (2023): Preparing for doctoral study in nursing: making the most of the year before you begin*, 1st ed. New York: Elsevier.

Abstracts/Posters (*denotes future presentations)

Pohlman, C. & **Gomez, N.A.G.** (2025). Enhancing role transition: implementation of a leadership handbook for nurse leaders. In: *American Academy of Nursing, The Council for the Advancement of Nursing Science (CANS) Abstract Symposium 2025*; Washington, D.C. October 2025.

Garcia Amaro, A. & **Gomez, N.A.G.** (2025). Implementing evidence-based recommendations for the perioperative diagnosis and management of euglycemic diabetic ketoacidosis in patients on sodium glucose co-transporter 2 inhibitors. In: *American Association of Nurse Anesthesiologists (AANA) Annual Poster Abstracts 2025*; Nashville, TN. August 2025.

Sanchez Rodriguez, H. & **Gomez, N.A.G.** (2025). Poster presentation & published abstract. Implementing thromboelastography (TEG) in the operating room: enhancing hemorrhage management and early recognition of coagulopathies by CRNAs and anesthesiologists. In: *American Association of Nurse Anesthesiologists (AANA) Annual Poster Abstracts 2025*; Nashville, TN. August 2025.

Toft-Nielsen, K. & **Gomez, N.A.G.** (2025). Poster presentation & published abstract. Silence is orange and green: integrating a “silent” paging system to reduce excess hospital noise from overhead paging. In: *American Association of Nurse Anesthesiologists (AANA) Annual Poster Abstracts 2025*; Nashville, TN. August 2025.

McKay, M., **Gomez, N.A.G.**, Mitzova-Vladinova, G., & Foronda, C.L. (2025). Poster Presentation. Enhancing the dnp scholarly project process through peer-to-peer student

mentorship, *American Association of Colleges of Nursing (AACN) 2025 Doctoral Education Conference*, Coronado, CA. January 2025.

Urquiza, R., Vichot, A., **Gomez, N.A.G.**, & Mitzova-Vladinov, G. (2024). Poster Presentation. “Green anesthesia practices”: evaluating the environmental impact of desflurane & n2o. Climate Resiliency Symposium, University of Miami, Coral Gables, FL. April 2024.

Ilachtchouk, M. & **Gomez, N.A.G.** (2023). Poster presentation & published abstract. Enhancing anesthesia providers knowledge and utilization of intraoperative iv methadone for pain management. In: *American Association of Nurse Anesthesiologists (AANA) Annual Poster Abstracts*; Abstract 53, pg. 79; Seattle, WA. August 2023.
<https://www.aana.com/wp-content/uploads/2024/09/Annual-Congress-2023-Poster-Abstracts.pdf>

Saenz, D., Longini, R., & **Gomez, N.A.G.** (2023). Poster presentation & published abstract. Decreasing the incidence of postoperative urinary retention (POUR) in patients undergoing total knee arthroplasties. In: *American Association of Nurse Anesthesiologists (AANA) Annual Poster Abstracts*; Abstract 51, pg. 76; Seattle, WA. August 2023.
<https://www.aana.com/wp-content/uploads/2024/09/Annual-Congress-2023-Poster-Abstracts.pdf>

Toft-Nielsen, K. & **Gomez, N.A.G.** (2023). Poster presentation & published abstract. Reducing excessive noise in the or and beyond: recommendations for a “silent” paging system. In: *American Association of Nurse Anesthesiologists (AANA) Annual Poster Abstracts 2023*; Abstract 31, pg. 47; Seattle, WA. August 2023. <https://www.aana.com/wp-content/uploads/2024/09/Annual-Congress-2023-Poster-Abstracts.pdf>

Gonzalez, C. & **Gomez, N.A.G.** (2023). Oral poster presentation. Identification of known predictors for difficult spinal & ultrasound utilization. Florida Association of Nurse Anesthesiologists (FANA). Sand & Surf Meeting. Orlando, FL. May 2023.

Hooper, G., Thuo, C., & **Gomez, N.A.G.** (2023). Poster Presentation. “Green” anesthesia at “green u.” Climate Resiliency Symposium, University of Miami, Coral Gables, FL. April 2023.

Gomez, N.A.G., Wunder, L., & Hauglum, S.D. (2022). Oral Poster Presentation & published abstract. Faculty resources and peer mentorship in simulation-based education (SBE); Abstract reference: 0655_0919_000367; Pan American Research Colloquium XXII, University of Miami, Coral Gables, FL. November 2022.

Valdes, M. & **Gomez, N.A.G.** (2022). Poster Presentation. Interactive disaster response pre-deployment checklist: a quality improvement project. In: *American Association of Nurse Anesthesiologists (AANA) Annual Poster Abstracts 2022*; pg. 47; Chicago, IL. August 2022.

Hektner, N., **Gomez, N.A.G.**, & Mitzova-Vladinov, G. (2022). Poster Presentation. Decreasing anesthesia’s carbon footprint using ecoFlow. Climate Resiliency Symposium, University of Miami, Coral Gables, FL. April 2022.

Odhiambo, J., Castaneda, G., Hauglum, S.D., & **Gomez, N.A.G.** (2021). Virtual Oral Poster presentation. The utilization of sonography to predict difficult laryngoscopy: an integrative literature review. Florida Association of Nurse Anesthesiologists (FANA). Virtual Annual Meeting. October 2021.

Hauglum, S., **Gomez, N.A.G.**, Betancourt, F., Perez, L. (2021). Virtual Poster presentation. Innovative brachial plexus simulator for graduate healthcare education: a cost-effective approach. International Nursing Association for Clinical Simulation & Learning (INACSL) Annual Meeting. Virtual Annual Meeting. June 2021.

Gomez, N.A.G., Hauglum, S., & Jimenez, A. (2021). Virtual Poster presentation. Peer-to-peer mentorship in advanced practice nursing simulation training. International Nursing Association for Clinical Simulation & Learning (INACSL). Virtual Annual Meeting. June 2021.

Betancourt, F., Hauglum, S., **Gomez, N.A.G.**, Perez, L. (2020). Virtual Poster presentation. Development of a cost-effective model for the performance of brachial plexus block. Florida Association of Nurse Anesthetists (FANA). Virtual Annual Meeting. October 2020.

Cuadra, A., **Gomez, N.A.G.**, Alle, M., Mitzova-Vladinov, G. (2020). Virtual Poster presentation. Adverse events in patients undergoing MAC anesthesia: Review of risk factors and identification of evidence-based prevention and treatment. In: *American Association of Nurse Anesthetists (AANA) Foundation 2020 Annual Congress Poster Abstracts*; pg. 46; Virtual Congress. August 2020. <https://www.aana.com/wp-content/uploads/2023/05/2020-annual-congress-poster-abstracts-final.pdf>

Del Valle B, **Gomez N.A.G.** & Mitzova-Vladinov G. (2020) Poster Presentation & published abstract. Obstetric Enhanced Recovery After Surgery (OB ERAS) Protocols. In: *American Association of Nurse Anesthetists (AANA) Foundation 2020 Annual Poster Abstracts*; pg. 95; Virtual Congress. August 2020. <https://www.aana.com/wp-content/uploads/2023/05/2020-annual-congress-poster-abstracts-final.pdf>

Hektner, N., **Gomez. N.A.G.** & Mitzova-Vladinov G (2020). Poster presentation & published abstract. “Green” Anesthesia at the “Green” U. American Association of Nurse Anesthetists (AANA) *Foundation 2020 Annual Poster Abstracts*; pg. 78; Virtual Congress. August 2020. <https://www.aana.com/wp-content/uploads/2023/05/2020-annual-congress-poster-abstracts-final.pdf>

Jimenez, A., **Gomez, N.A. G.**, Hauglum, S. (2020). Poster presentation & published abstract. Peer-to-Peer Mentoring and Positive Outcomes for Healthcare Students: A Review of Literature. In: *American Association of Nurse Anesthetists (AANA) Foundation 2020 Annual Poster Abstracts*; pg. 97; Virtual Congress. August 2020. In: *American Association of Nurse Anesthetists (AANA) Foundation 2020 Annual Poster Abstracts*; pg. 97; Virtual Congress. August 2020. <https://www.aana.com/wp-content/uploads/2023/05/2020-annual-congress-poster-abstracts-final.pdf>

- Gomez, N.A.G.**, Nadeau, C., & Jones, E. (2020). Poster presentation & published abstract. Community providers disaster preparedness. In: *American Association of Nurse Anesthetists (AANA) Foundation 2020 Annual Poster Abstracts*; pg. 57; Virtual Congress. August 2020. <https://www.aana.com/wp-content/uploads/2023/05/2020-annual-congress-poster-abstracts-final.pdf>
- Valdes, M., **Gomez, N.A.G.**, Nadeau, C. (2020). Poster presentation & published abstract. Pre-deployment checklist for disaster preparedness. In: *American Association of Nurse Anesthetists (AANA) Foundation 2020 Annual Poster Abstracts*; pg. 102; Virtual Congress. August 2020. <https://www.aana.com/wp-content/uploads/2023/05/2020-annual-congress-poster-abstracts-final.pdf>
- Morel, S. & **Gomez, N.** (2019). Poster presentation. Evidence-based Practice Strategies: On-time First Case Starts in the Perioperative Setting. Nursing Consortium of South Florida (NCSF), Role Transitions: Meeting the Future Needs of Nursing, Davie, FL, Nov. 2019.
- Moreno, C., Fernandez, Y., **Gonzaga, N.** & Mitzova-Vladinov, G. (2018) Poster presentation & published abstract. Reducing Perioperative Medication Errors Among Anesthesia Providers. In: *American Association of Nurse Anesthetists (AANA) Foundation 2018 Poster Abstracts*; Abstract A99, pg. 114; Boston, MA, September 2018. <https://www.aana.com/wp-content/uploads/2023/05/2018-poster-abstracts-final.pdf>
- Phillips, M., **Gonzaga, N.**, & White, K. (2018) Poster presentation & published abstract. Providing Comfort after Cesarean Delivery. In: *American Association of Nurse Anesthetists (AANA) Foundation 2018 Poster Abstracts*; Abstract 97, pg. 112; Boston, MA, September 2018. <https://www.aana.com/wp-content/uploads/2023/05/2018-poster-abstracts-final.pdf>
- Gonzaga, N.**, Lackaye, A., Yadav, R., & Mitzova-Vladinov, G. (2018) Poster presentation & published abstract. Cardiovascular collapse during transurethral resection of bladder tumor: A case report. In: *American Association of Nurse Anesthetists (AANA) Foundation 2018 Poster Abstracts*; Abstract A126, pg. 141; Boston, MA, September 2018. <https://www.aana.com/wp-content/uploads/2023/05/2018-poster-abstracts-final.pdf>
- Gonzaga, N.**, Warren, N., & Sinclair, D. (2014) Poster presentation & published abstract. Improving Quality of Care through Evidence-Based Intrathecal Opioid Dosing During Cesarean Section In: *American Association of Nurse Anesthesiologists (AANA) Foundation 2014 Poster Abstracts*; Abstract A102, pg. 117; Orlando, FL, September 2014. <https://www.aana.com/wp-content/uploads/2023/05/2014-poster-abstracts.pdf>

Oral Presentations - International: (*denotes future presentation)

- ***Gomez, N.A.G.**, Louisville, M., Yadav, R., Ocampo-Salazar, A., & Mitzova-Vladinov, G. (2026). Can you escape the obstetric emergency? A game-based team learning simulation for graduate nurse anesthesia education. *IMSH 2026*, San Antonio, TX, January 2026.
- Gomez, N.A.G.**, Moyle, J.P., Mitzova-Vladinov, G., & Hauglum, S.D. (2025). New

trends in simulation-based education for malignant hyperthermia: effectiveness of video-based and virtual reality simulations. *IMSH 2025*, Orlando, FL, January 2025.

Gomez, N.A.G., Wunder, L., & Mitzova-Vladinov, G. (2023). Effective peer-to-peer mentoring for simulation-based obstetric and pediatric training in a graduate nurse anesthesia program. *IMSH 2023*, Orlando, FL, January 2023.

Mitzova-Vladinov, G., Kendon, B., **Gomez, N.A.G.,** & Wunder, L. (2023). Are you using the right assessment tools? (Hands-on Workshop). *IMSH 2023*, Orlando, FL, January 2023.

Gomez, N.A.G., Hauglum, S., Wunder, L. Jimenez, A., & McDermott, D. (2022). Student registered nurse anesthetist (SRNA) satisfaction with peer-to-peer mentoring in the simulation-based education. *INACSL Annual Meeting 2022*, Milwaukee, WI, June 2022.

Wunder, L.; **Gomez, N.A.G.**; Gonzalez, J.E.; Mitzova-Vladinov, G.; Cacchione, M.; Mato, J. Foronda, C.L.; Groom, J.A. Fire in the Operating Room: Use of Mixed Reality Simulation with Nurse Anesthesia Students. *INACSL Annual Meeting 2021* (Virtual presentation).

Gonzalez, J.E., **Gomez, N.A.G.,** Mitzova-Vladinov, G., Hauglum, S., Wunder, L., Groom, J.A., & Foronda, C.L. (In Press). Integration of mixed reality and mannequin simulation during an operating room fire scenario. *IMSH Proceedings*. (IMSH 2021, Virtual presentation).

Gonzalez, J.E., Wunder, L., **Gomez, N.A.G.** *SimVentors*. (IMSH 2021, Virtual Presentation).

Oral Presentations – National: (*denotes future presentation)

***Gomez, N.A.G.,** Hauglum, S.D., & Mitzova-Vladinov, G. (2026). Team building and communication: “sim wars” game-based learning and peer-to-peer mentoring. American Association of Nurse Anesthesiologists (AANA) *Educate, Develop, Grow, Engage (EDGE) Meeting 2026*, Louisville, KY, February 2026.

Ilachtchouk, M. & **Gomez, N.A.G.** (2024). Surgical pain management using intravenous methadone. American Association of Nurse Anesthesiologists (AANA) *Annual Congress 2024*, San Diego, CA, August 2024.

Hektner, N. & **Gomez, N.A.G.** (2022). Decreasing Anesthesia’s Carbon Footprint Using ecoFLOW. American Association of Nurse Anesthesiologists (AANA) *Annual Congress 2022*, Chicago, IL, August 2022.

20. Other works **accepted** for publication:

Letters to the Editor:

Mitzova-Vladinov, G., **Gomez, N.A.G.,** & Hektner, N. (2023, June). Do you know the carbon footprint of anesthesia? [Letter to the editor]. *AANA Journal*, pg. 3.
<https://mydigitalpublication.com/article/Do+You+Know+the+Carbon+Footprint+of+Anesthesia%3F/4581446/792493/article.html>

Web-Based Publications:

Thuo, C., Hooper, G., Mitzova-Vladinov, G., & **Gomez, N.A.G.** (2024, August 29). The carbon footprint of healthcare: tips for reducing waste in the or. In *The Stitch: Putting the pieces together for novice perioperative nurses*, *AORN Journal*.
<https://www.aorn.org/article/the-carbon-footprint-of-health-care>

PROFESSIONAL

21. Funded Research Performed (include all grants received in the last five years, identifying the principal investigator and the amounts and dates of the awards):

Peer Mentorship of Clinical Skills and Predictors of SRNA Experiences Simulation-based Education. **Principal Investigator: Nicole A. Gonzaga Gomez.** Funding Source: Office of the Vice Provost for Research and Scholarship (OVPRS): One-time funding award for Junior Faculty. Project Period: 06/2023-06/2024. Total Award: \$5000.

Magic Leap Research Grant- UM Innovate IT/UM BSN-DNP Nurse Anesthesia Faculty. Principal Investigator: Juan E. Gonzalez. **Co-Investigator: Nicole A. Gonzaga Gomez.** Funding Source: Office of the Provost. Project Period: 09/2019-09/2020. Total Award: \$10,000

22. Editorial responsibilities:

Ad Hoc Peer Review Activities

Manuscript Reviewer, <i>AANA Journal</i>	2024- present
Manuscript Reviewer, <i>Clinical Simulation in Nursing</i>	2024- present
Manuscript Reviewer, <i>Journal of PeriAnesthesia Nursing</i>	2024- present
Manuscript Reviewer, <i>Journal of Doctor of Nursing Practice</i>	2020-2024
Manuscript Reviewer, <i>American Nurse Today</i>	2019-2020

23. Professional and Honorary Organizations:

Filipino American Nurse Anesthesiology Society (FANAS)

Board of Directors, Member	2025 – present
Professional Development Committee	2025 – present
Founding Member	2024 – present

Society of Simulation in Healthcare (SSH)

CHSE Committee, Member	2024 – 2026
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Anesthesia Section, Member	2022 – present
Member	2020 – present
Florida Association of Nurse Anesthetists (FANA)	
DEI committee member	2023 – present
Member	2005 – present
International Nursing Association for Clinical Simulation & Learning (INACSL)	
Member	2021- present
Society for Obstetric Anesthesia and Perinatology	
Associate Member	2006 – 2010
American Association of Nurse Anesthetists (AANA)	
Fellow	2024 – present
Member	2004 – present
Associate Member	2002-2004
Sigma Theta Tau International (STTI)	
Nu Beta at-Large Chapter, Member	2015
Alpha Zeta Chapter, Member	2004
Epsilon Theta Chapter, Inductee/Member	1998

24. Honors and Awards:

AJN Book of the Year Awards 2024: Nursing Education/Professional Development: 3rd Place
Book of the Year Awards 2024 (2024). *American Journal of Nursing*, 125(1), 54-61, January
2025. | <https://doi.org/10.1097/01.NAJ.0001094744.03457.52>

Gomez, N.A.G. (2023, August). Section 3. Shared experiences of doctorally prepared nurses on the edge of tomorrow: the certified registered nurse anesthetist narrative, Ch. 31, The Practice Nurse Narratives. In Taylor, L.A. & Terhaar, M.F. (Eds). *Preparing for doctoral study in nursing: making the most of the year before you begin*.

Fellow of the American Association of Nurse Anesthesiology 2024

Mary Hanna Memorial Journalism Award: Review Category: 2nd Place 2022
American Society of PeriAnesthesia Nurses (ASPAN)

Morel, S. & **Gomez, N.A.G.** (2021). Improving On-Time First Case Starts: An Integrative Review and Quality Improvement Project Plan.

25. Post-Doctoral Fellowships: N/A

26. Other Professional Activities:

Podium Presentations (*denotes invited):

National

***Gonzaga, N.** (2016). *Management of complex patients in obstetric anesthesia: case studies*,

Focus Nurse Anesthesia Review Conference, Park City, UT, Jan 2016

***Gonzaga, N.** (2016). *Pain management in the parturient*, Focus Nurse Anesthesia Review Conference, Park City, UT, Jan 2016

***Gonzaga, N.** (2016). *Improving quality of care through intrathecal opioid dosing in cesarean section: part one: an integrative review of literature*, Focus Nurse Anesthesia Review Conference, Park City, UT, Jan 2016

***Gonzaga, N.** (2016). *Improving quality of care through intrathecal opioid dosing in cesarean section: part two*, Focus Nurse Anesthesia Review Conference, Park City, UT, Jan 2016

Regional/Local:

***Gomez, N.A.G.** (2023). *Current updates in obstetric anesthesia*. Florida Association of Nurse Anesthesiology (FANA) Sand & Surf Meeting, May 2023.

***Gomez, N.A.G. & Vladinov, G.M.** (2022). *Malignant hyperthermia in pediatric patients*. Broward Medical Center, Grand Rounds, October 2022.

***Gomez, N.A.G.** (2022). *Evidence-based Practice Neuraxial Anesthesia Dosing for the Obstetric Patient*. Florida Association of Nurse Anesthesiology (FANA) Sand & Surf Meeting, February 2022.

***Greenberg, M., Gomez, N.A.G., & Mitzova-Vladinov, G.** (2021). Panel Presentation. Malignant hyperthermia preparedness with recorded simulation, “*Malignant hyperthermia in the intraoperative setting*” via University of Miami Nurse Anesthesia faculty at Simulation Hospital Advancing Research and Education (S.H.A.R.E). Florida Association of Nurse Anesthesiology (FANA). Annual Meeting, Virtual meeting. October 2021.

Morel, S. & Gomez, N.A.G. (2019). *Evidence-based Practice Strategies: On-time First Case Starts in the Perioperative Setting* (Abstract) Nursing Consortium of South Florida (NCSF), Role Transitions: Meeting the Future Needs of Nursing, Davie, FL, Nov. 2019.

***Gomez, N.A.G.** (2019). *Management of the Obstetric Patient and Neuraxial Anesthesia*. Memorial Hospital West, July 2019.

***Gonzaga, N.** (2010). *Pain Management in the Parturient: What an OB Nurse should know*, Florida Atlantic University, Boca Raton, FL, October 2010.

Workshops/Conferences Attended (professional development – **clinical/licensure**): (-denotes workshop)

American Association of Nurse Anesthesiologists (AANA), Annual Congress (*denotes future meeting)

*Boston, MA

2026

Nashville, TN

2025

San Diego, CA	2024
Seattle, WA	2023
Chicago, IL	2022
Virtual Congress	2020 – 2021
Chicago, IL	2019
Boston, MA	2018
Washington, D.C.	2016
Orlando, FL	2014
San Francisco, CA	2012
-Ultrasound in Obstetric Anesthesia Workshop	2012
-Difficult Airway workshop	
Boston, MA	2003

Florida Association of Nurse Anesthesiologists (FANA), Annual Meeting

Orlando, FL	2024
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Florida Association of Nurse Anesthesiologists (FANA), Sand & Surf Meeting

Orlando, FL	2022 – 2023
Virtual Annual Meeting	2021
Fort Lauderdale, FL	2018

Assembly of Didactic and Clinical Educators (ADCE) Meeting/EDGE

*Louisville, KY	2026
Tucson, AZ	2025
Austin, TX	2023
Colorado Springs, CO	2022
Braselton, GA	2020

International Meeting on Simulation and Healthcare (IMSH)

San Antonio, TX	2026
Orlando, FL	2023, 2025
San Diego, CA	2020

International Nursing Association for Clinical Simulation & Learning (INACSL)

Milwaukee, WI	2022
Virtual Meeting	2021

Society of Obstetric Anesthesia and Perinatology Annual Conference (SOAP)

San Antonio, TX	2010
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NYU Langone Medical Center, Neuroanesthesia Conference

NY, NY	2006
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Workshops/Conferences Attended (professional development – **academic**): (*denotes future meeting; ^denotes workshop)

American Association of Critical-Care Nurses' (AACN) National Teaching Institute & Critical Care Exposition

New Orleans 2025

American Association of Nurse Anesthesiologists (AANA), Annual Congress

*Boston, MA	2026
Nashville, TN	2025
San Diego, CA	2024
Seattle, WA	2023
Chicago, IL	2022
Virtual Congress	2020 – 2021
Chicago, IL	2019
Boston, MA	2018
Washington, D.C.	2016
Orlando, FL	2014
San Francisco, CA	2012
^Ultrasound techniques in Obstetric Anesthesia	2012
^Difficult Airway	
Boston, MA	2003

Florida Association of Nurse Anesthesiologists (FANA), Sand & Surf Meeting

Orlando, FL	2022 – 2023
Virtual Annual Meeting	2021
Fort Lauderdale, FL	2018

Assembly of Didactic and Clinical Educators (ADCE) Meeting/EDGE

*Louisville, KY	2026
Tucson, AZ	2025
Austin, TX	2023
Colorado Springs, CO	2022
Braselton, GA	2020

International Meeting on Simulation and Healthcare (IMSH)

San Antonio, TX	2026
Orlando, FL	2023, 2025
San Diego, CA	2020

International Nursing Association for Clinical Simulation & Learning

Milwaukee, WI	2022
Virtual Meeting	2021

University of Miami

UM Climate Resiliency Symposium, Coral Gables, FL	2022 - present
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UM Pan American Research Colloquium XXII Coral Gables, FL	2022
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UM Miller School of Medicine/Gordon Center/Peter M. Winter Institute for Simulation Education and Research (WISER) at the University of Pittsburgh, iSIM – *Improving Simulation Instructional Methods*

Miami, FL 2019

UM School of Nursing & Health Studies

TREES 2025

Teaching and Learning Workshop 2019

Writing for Publication Workshop 2019

PETAL 2018 - 2019

Humanitarian U: *Assistance and Disaster Response Training Program*- partnership with

University of Miami

Coral Gables, FL 2019

Johns Hopkins University

Johns Hopkins University School of Public Health, *Management of Health Emergencies in Large Populations (H.E.L.P)* Certification

Baltimore, MD 2015

TEACHING

27. Teaching Awards Received:

Provost Teaching Awards Nominee 2025

Excellence in Clinical Teaching Award

Luis Glaser Mentorship Award

UM Graduate School Awards Nominee 2023

Faculty Mentor of the Year

28. Teaching Specialization:

NUR 660 Translational Science for DNP

Faculty, Co-course coordinator 2023, 2025

NUR 689 New Methods of Implementation and Leadership Practice Immersion Experience

Faculty, Course coordinator 2022 - 2024

Faculty, Co-course coordinator 2020 - 2021

Faculty advisor, On-site contact 2018 - present

NUR 619 Advanced Concepts of Anesthesia Nursing I

Co-faculty, Course coordinator, SIM educator 2022

Faculty, Course coordinator, SIM educator 2017 - present

NUR 694 Clinical Practicum for DNP Nurse Anesthesia Clinical	
Faculty, Course coordinator	2021 - present
NUR 614 Basic Concepts of Anesthesia Nursing	
SIM educator	2021 - present
Faculty, Course coordinator, SIM educator	2018 - 2020
NUR 672 DNP Scholarly Project Seminar I	
Faculty advisor, DNP scholarly projects	2019 - present
NUR 673 DNP Scholarly Project Seminar II	
Faculty advisor, DNP scholarly projects	2019 - present
NUR 688 DNP Practice Immersion	
Faculty, Co-Coordinator	2024 - present
Faculty advisor, On-site contact	2019 - present
NUR 676 DNP Practice Immersion Experience	
Faculty, Co-Coordinator	2024 - present
Faculty advisor, On-site contact	2018 - present
NUR 620 Advanced Concepts of Anesthesia Nursing II	
Faculty, Course coordinator, SIM educator	2018 - present
NUR 646 Interdisciplinary Anesthesia Nursing III	
SIM educator	2018
NUR 659 Technology in Healthcare	
Faculty advisor	2018

*All anesthesia clinical courses include simulation activities development, management, and teaching with a minimum of three simulated scenarios and/or advanced anesthesia skills workshops per course.

Guest lectures:

2019	<i>Management of the Obstetric Patient and Neuraxial Anesthesia</i> , Memorial West Hospital, Pembroke Pines, FL
2016	<i>Introduction to Obstetric Anesthesia</i> , Florida Atlantic University, Boca Raton, FL
2015-2016	NUR 620 <i>Improving Quality of Care through Intrathecal Opioid Dosing in Cesarean Section (Implementation)</i>
2013-2014	NUR 620 <i>Improving Quality of Care through Intrathecal Opioid Dosing in Cesarean Section (Systematic Review)</i>

2012-2013 *NUR 620 Management of Complex Patients in Obstetric Anesthesia*
Mock Oral Boards: OB Clinical Scenarios

29. Thesis and Dissertation Advising/Post-doctoral student supervision: N/A

University of Miami

2025 DNP Scholarly Projects Advisor:

Garcia Amaro, A. (2025). Implementing evidence-based recommendations for the perioperative diagnosis and management of euglycemic diabetic ketoacidosis in patients on sodium glucose co-transporter 2 inhibitors, April 2025.

Logsdon, A. (2025). Empowering anesthesia with precision: increasing the use of bedside gastric ultrasounds for GLP-1 patients undergoing elective surgery, University of Miami School of Nursing and Health Studies, April 2025.

Macedonio, S. (2025). Implementation of evidence-based practice recommendations for administration of tranexamic acid (TXA) for patients undergoing lower extremity orthopedic surgery, University of Miami School of Nursing and Health Studies, April 2025.

Mejia, R. (2025). Bones to the rescue: intraosseous vascular access education for perioperative emergencies, University of Miami School of Nursing and Health Studies, April 2025.

Perez, J. (2025). Enhancing the perioperative management of patients on GLP-1 analogs scheduled for elective surgery at west kendall baptist hospital, University of Miami School of Nursing and Health Studies, April 2025.

Sanchez Rodriguez, H. (2025). Implementing thromboelastography (TEG) in the operating room: enhancing hemorrhage management and early recognition of coagulopathies by CRNAs and anesthesiologists, University of Miami School of Nursing and Health Studies, April 2025.

2024 DNP Scholarly Projects Advisor:

Del Rey, K. (2024). Improving code start times during perioperative emergencies, University of Miami School of Nursing and Health Studies, April 2024.

Fray, N. (2024). Enhancing preoperative instructions for c-section patients: a quality improvement project, University of Miami School of Nursing and Health Studies, April 2024.

Musekiwa, S. (2024). Disaster preparedness - utilizing a checklist for anesthetic management during a massive power outage during surgery, University of Miami School of Nursing and Health Studies, April 2024.

Pohlman, C. (2024). Enhancing role transition: implementation of a leadership handbook for

nurse leaders, University of Miami School of Nursing and Health Studies, July 2024.

Thuo, C. (2024). Waste reduction in the operating room through streamlining anesthesia airway circuit, University of Miami School of Nursing and Health Studies, July 2024.

Toft-Nielsen, K. (2024). Silence is orange and green: integrating a “silent” paging system to reduce excess hospital noise from overhead paging, University of Miami School of Nursing and Health Studies, April 2024.

2023 DNP Scholarly Projects Advisor:

Burk, B. (2023). First-time success rate using video laryngoscopy, University of Miami School of Nursing and Health Studies, April 2023.

Ilachtchouk, M. (2023). Enhancing anesthesia providers knowledge and utilization of intraoperative iv methadone for pain management, University of Miami School of Nursing and Health Studies, April 2023.

Resende, I. (2023). PICU transport, University of Miami School of Nursing and Health Studies, April 2023.

2022 DNP scholarly projects advisor:

Goordeen, C. (2022). Ultrasound-guided arterial line insertion: the sound of now, University of Miami School of Nursing and Health Studies, April 2022.

Gonzalez, C. (2022). Identification of known predictors for difficult spinal and ultrasound utilization, University of Miami School of Nursing and Health Studies, April 2022.

Hibdon, M. (2022). Intraoperative esmolol for analgesia: opioid-sparing anesthesia, University of Miami School of Nursing and Health Studies, April 2022.

2021 DNP Scholarly Projects Advisor:

Calle, L. (2021). Preoperative assessment skills of student registered nurse anesthetists: a multi-pronged approach, University of Miami School of Nursing and Health Studies, July 2021.

Cuadra, A. (2021). Cognitive aid for epinephrine administration during anesthesia crises: facilitating srna to crna transition, University of Miami School of Nursing and Health Studies, July 2021.

Del Valle, B. (2021). POCKET OB: An evidence-based obstetric neuraxial anesthesia dose guide, University of Miami School of Nursing and Health Studies, July 2021.

Hektner, N. (2021). Anesthesia’s carbon footprint using ecoFlow technology, University of Miami School of Nursing and Health Studies, July 2021.

Neumann, B. (2021). Video-based curriculum on pediatric deep extubation for student registered nurse anesthetists (srnas) with a simulated learning exercise, University of Miami School of Nursing and Health Studies, July 2021.

Valdes, M. (2021). Disaster response pre-deployment program, University of Miami School of Nursing and Health Studies, July 2021.

2020 DNP Scholarly Projects Advisor:

Grande, N. (2020). Increasing competency and confidence in nurse anesthetist students during the anesthesia induction sequence, University of Miami School of Nursing and Health Studies, July 2020.

Klotz, I. (2020). Intraoperative anesthesia handoff, University of Miami School of Nursing and Health Studies, July 2020.

Maxwell, S. (2020). Video-assisted instruction for emergence to standardize clinical skills, University of Miami School of Nursing and Health Studies, July 2020.

Morel, S. (2020). Improve on-time first case starts in the peri-operative setting, University of Miami School of Nursing and Health Studies, July 2020.

Nguyen, T. (2020). Implementation of preemptive IV acetaminophen for perioperative pain management, University of Miami School of Nursing and Health Studies, July 2020.

Parent, K. (2020). Use of perioperative ofirmev protocol to reduce length of stay for total abdominal hysterectomy surgery, University of Miami School of Nursing and Health Studies, July 2020.

2019 DNP Scholarly Projects Advisor:

Hester, J. (2019). Oral Tylenol Optimization for ERAS protocol and Cost-effective Ofirmev use, University of Miami School of Nursing and Health Studies, November 2019.

Lackaye, A. (2019). Increased Provider Adherence utilizing an ESR Tracer document: A Quality Improvement Initiative, University of Miami School of Nursing and Health Studies, November 2019.

Martin, S. (2019). Pre-operative Anxiety Screening and Management for High-Risk Adolescents, University of Miami School of Nursing and Health Studies, November 2019.

Pamphile, G. (2019). A Multimodal Approach to reduce Postoperative pain among Veterans undergoing Hip or Knee Arthroplasty- A Quality Improvement Project, University of Miami School of Nursing and Health Studies, November 2019.

Pinzon, K. (2019). Tranexamic Acid Clinical Practice Guideline for Orthopedic Procedures, University of Miami School of Nursing and Health Studies, November 2019.

Ramirez, D. (2019). Catheter-guided Nasotracheal Intubation Technique, University of Miami School of Nursing and Health Studies, November 2019.

Florida International University

2017 DNP Scholarly Projects Advisor:

Mathews, S. (2017). Assessment and Management of Failed Epidural during Labor: Translating Science into Practice, Florida International University, April 2017.

SERVICE

30. University Level Committees:

Graduate Appeals Committee	
Member	09/2023 - present

Academic Troubleshooters	
Co-representative SONHS	09/2022 - present

School of Nursing & Health Studies Committees:

GASAC Committee	
Chair	08/2022 - 08/2023
Member	09/2020 – 08/2024

Clinical Educator Faculty Search Committee	
Chair	02/2022 – 06/2024

Faculty Affairs Committee	
Mentorship Sub-Committee member	09/2021 – 08/2022
Member	09/2020 – 09/2022

School Council	
2 nd Vice Speaker	09/2020- 08/2021
Bylaws Ad Hoc Committee member	09/2020- 08/2021
Member	08/2018 - present

Academic Integrity Committee	
Member	09/2020 – 08/2024

Graduate Faculty Committee	
Member	08/2018 – present

Graduate Clinical Programs Committee	
Member	08/2018 – present

Doctor of Nursing Practice Committee

Member

08/2018 – present

UM SONHS General Scholarship Committee

Member

08/2018 – 08/2020

Administrative Responsibilities/Accomplishments:

DNP Nurse Anesthesia Program:

Associate Program Director

11/2021 – present

-Co-director NAP with Program Director, accredited by Council on Accreditation (COA)

-Acquisition of Clinical Sites: (*denotes assisted as faculty)

Palmetto General Hospital

2026

HCA Kendall Regional Medical Center

2026

Coral Gables Hospital

2025

Florida Medical Center

2025

Larkin Community Hospital

2025

Jackson North Medical Center

01/2025 – present

Sylvester Comprehensive Cancer Center Chronic Pain Clinic

07/2023 – present

Broward Health System (BHMC, BIP, BHN, BCS)

07/2023 – present

Northshore Medical Center

10/2022 – present

Jackson West Medical Center

07/2022 – present

Memorial Hospital Pembroke

10/2022 – present

*Johns Hopkins All Children's Hospital, Tampa, FL

05/2020 – present

-Annual Clinical Site visits with the Program Director of twenty-five clinical sites

-Clinical Site Coordinator for the NAP

NAP Faculty, DNP Nurse Anesthesia Program:

Faculty

08/2018 – present

Lecturer

06/2017 – 08/2018

-Faculty Appointment: UHealth Tower and Sylvester Comprehensive Cancer Center

-Fostering and expanding current clinical partnerships for DNP projects.

-Assist in mentoring NAP graduates in transition to clinical practice, including roles as simulation specialists at UM SONHS Simulation Center, and adjunct clinical faculty

Nurse Anesthesia Students' Association (NASA)

Graduate Student Organization Faculty Advisor

2021 – present

University service: See above

31. Community Activities: (*denotes planned future service)

In collaboration with UM Faculty, Dr. Danielle Ellerbe, DNP, FNP-BC, and Dr. Andres Ocampo-Salazar, MD

Scalpel at the Cross, Miami, FL

Mentorship/preceptorship of third-year SRNAs – Pucallpa, Peru	
University of Miami	2024 – present

The Healing Hands Foundation, Baltimore, MD

Mentorship/preceptorship of third-year SRNAs – Cuenca, Ecuador	
University of Miami	2025 – present

Mentorship/preceptorship of third-year SRNAs – Patzun, Guatemala	
University of Miami	2018-2019, 2024
University of South Florida	2016-2017

Medical Volunteer- Rio Bamba; Cuenca, Ecuador	02/2016 - 03/2018; 4/2025
Medical Volunteer- Patzun, Guatemala	2010-2024
Medical Volunteer- Freetown, Sierra Leone	2011

Shakti Yoga Academy (Yoga Alliance, RYS)

200-hour Registered Yoga Teacher Training (RYT) certification	12/2022-6/2023
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NASA Yoga Wellness in the Park	2024 – present
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