



Naola Austin

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia**

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Bio

BIO

Naola S. Austin M.D., is a Clinical Associate Professor in the Department of Anesthesiology, Perioperative and Pain Medicine at Stanford University and the Veterans Affairs Palo Alto Health Care System. She co-directs the Anesthesia Crisis Resource Management (ACRM) course and teaches a number of simulation courses as faculty with the Center for Immersive and Simulation-based Learning, OB SIM Team, InterCEPT Team, and VA Palo Alto. As a point-of-care ultrasound (POCUS) faculty, she teaches neuraxial, transthoracic, lung, gastric, FAST, and other ultrasound techniques. She is also a member of the Stanford Anesthesia Cognitive Aid Program (SACAP), a collaborative group who designs and updates the Stanford Emergency Manual.

She is originally from New Mexico and received her medical degree at Weill Cornell Medical College in New York, NY. After completing residency training in Anesthesiology at the University of Washington, she went on to dual fellowship training in Obstetric Anesthesia and Healthcare Simulation.

In addition to her work as a Co-Primary Investigator with the Safety Learning Lab, she has published basic science articles on synapse biology, clinical reviews on cervical spine injury in trauma and burns, and Simulation and Communication in Obstetric care. She has received multiple honors including U.S.-E.U. Exchange Scholar Rogers' Colloquium Speaker, Resident of the Year, Foundation for Anesthesia Education & Research Scholar, and Alpha Omega Alpha Honor Society.

Naola is an avid gardener, leisure cyclist, and very amateur rock climber.

CLINICAL FOCUS

- Anesthesia

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Anesthesiology Fellowships (2014) CA

- Residency: University of Washington Dept of Anesthesiology (2013) WA
- Board Certification: Anesthesia, American Board of Anesthesiology (2014)
- Medical Education: Weill Cornell Medical College (2009) NY

Publications

PUBLICATIONS

- **Understanding the Heterogeneity of Labor and Delivery Units: Using Design Thinking Methodology to Assess Environmental Factors that Contribute to Safety in Childbirth** *AMERICAN JOURNAL OF PERINATOLOGY*
Sherman, J. P., Hedli, L. C., Kristensen-Cabrera, A. I., Lipman, S. S., Schwandt, D., Lee, H. C., Sie, L., Halamek, L. P., Austin, N. S., Safety Learning Lab Neonatal Mate
2020; 37 (6): 638–46
- **Operating Room In Situ Interprofessional Simulation for Improving Communication and Teamwork.** *The Journal of surgical research*
Shi, R. n., Marin-Nevarez, P. n., Hasty, B. n., Roman-Micek, T. n., Hirx, S. n., Anderson, T. n., Schmiederer, I. n., Fanning, R. n., Goldhaber-Fiebert, S. n., Austin, N. n., Lau, J. N.
2020; 260: 237–44
- **Understanding the Heterogeneity of Labor and Delivery Units: Using Design Thinking Methodology to Assess Environmental Factors that Contribute to Safety in Childbirth.** *American journal of perinatology*
Sherman, J. P., Hedli, L. C., Kristensen-Cabrera, A. I., Lipman, S. S., Schwandt, D. n., Lee, H. C., Sie, L. n., Halamek, L. P., Austin, N. S.
2019
- **Cognitive Aids in Obstetric Units: Design, Implementation, and Use.** *Anesthesia and analgesia*
Abir, G. n., Austin, N. n., Seligman, K. M., Burian, B. K., Goldhaber-Fiebert, S. N.
2019
- **Correlation of changes in hemodynamic response as measured by cerebral optical spectrometry with subjective pain ratings in volunteers and patients: a prospective cohort study.** *Journal of pain research*
Eisenried, A., Austin, N., Cobb, B., Akhbardeh, A., Carvalho, B., Yeomans, D. C., Tzabazis, A. Z.
2018; 11: 1991-1998
- **Analyzing the heterogeneity of labor and delivery units: A quantitative analysis of space and design.** *PloS one*
Austin, N., Kristensen-Cabrera, A., Sherman, J., Schwandt, D., McDonald, A., Hedli, L., Sie, L., Lipman, S., Daniels, K., Halamek, L. P., Lee, H. C.
2018; 13 (12): e0209339
- **Correlation of changes in hemodynamic response as measured by cerebral optical spectrometry with subjective pain ratings in volunteers and patients: a prospective cohort study** *JOURNAL OF PAIN RESEARCH*
Eisenried, A., Austin, N., Cobb, B., Akhbardeh, A., Carvalho, B., Yeomans, D. C., Tzabazis, A. Z.
2018; 11: 1991–98
- **Building Comprehensive Strategies for Obstetric Safety: Simulation Drills and Communication.** *Anesthesia and analgesia*
Austin, N., Goldhaber-Fiebert, S., Daniels, K., Arafeh, J., Grenon, V., Welle, D., Lipman, S.
2016; 123 (5): 1181-1190
- **National and International Guidelines for Patient Blood Management in Obstetrics: A Qualitative Review.** *Anesthesia and analgesia*
Shaylor, R., Weiniger, C. F., Austin, N., Tzabazis, A., Shander, A., Goodnough, L. T., Butwick, A. J.
2016: -?
- **Airway management in cervical spine injury.** *International journal of critical illness and injury science*
Austin, N., Krishnamoorthy, V., Dagal, A.
2014; 4 (1): 50-56
- **A high-throughput method for generating uniform microislands for autaptic neuronal cultures** *JOURNAL OF NEUROSCIENCE METHODS*
Sgro, A. E., Nowak, A. L., Austin, N. S., Custer, K. L., Allen, P. B., Chiu, D. T., Bajjalieh, S. M.
2011; 198 (2): 230-235
- **Synaptic vesicle protein 2 enhances release probability at quiescent synapses** *JOURNAL OF NEUROSCIENCE*
Custer, K. L., Austin, N. S., Sullivan, J. M., Bajjalieh, S. M.

2006; 26 (4): 1303-1313