

Timothy Nenpan Baerg MD, MBA, D. ABA
1452 W. Horizon Ridge Pkwy Suite 137 • Henderson NV, 89012-4480
CELL 507 995 7809 • EMAIL SerenityAnesthesiaPLLC@gmail.com



SUMMARY OF EXPERTISE

Board-certified anesthesiologist with over five years of clinical experience practicing across multiple states. Comprehensive expertise in anesthetic management for a wide spectrum of surgical specialties, including urology, ophthalmology, otolaryngology, interventional radiology, gastroenterology, gynecology, orthopedics, pediatrics, general surgery, and neurosurgery. Proficient in providing obstetric anesthesia and performing diverse nerve blocks as part of hospital-based Acute Pain Service.

Holding an academic appointment at the University of Washington, with ongoing involvement in trainee education across Washington and Nevada. Proven scholarly record with ten peer-reviewed publications and presentation of research findings at ten professional conferences. State licenses in Nevada, Michigan, and Washington.

CLINICAL EXPERIENCE

Sept 2024—Present

USAP Nevada

Physician Partner Track - Anesthesiologist

- Practice independent anesthesiology and provide medical direction for CRNAs and AAs (4:1)
- Actively lead recruitment efforts for applicants with particular focus on engaging with those of diverse backgrounds
- Supervise and teach residents principles of anesthesiology such as trauma, regional, advanced airway practices, obstetrics etc.
- Acute Pain Service Physician
- Efficiently direct OR board with OR leadership while on call to ensure timely completion of cases

July 2024—Present

Harborview Medical Center, University of WA

Clinical Instructor, Per Diem

- Medically directed CRNAs and residents in the busiest level 1 trauma center in Pacific Northwest
- Hold academic appointment to coach trainees techniques of general and specialty anesthesia

BOARD CERTIFICATION

Diplomate of the American Board of Anesthesiology, 2025

EDUCATION

May 2020, **M.D.**

University of Michigan Medical School | Ann Arbor, MI

May 2015, **BA:** Neurobiology and Religious Studies

University of Wisconsin – Madison

Aug 2019, **MBA:** Healthcare Leadership

University of Cambridge | Cambridge, UK

POST-GRADUATE TRAINING

June 2021—2024

Anesthesiology Resident

Department of Anesthesiology, University of WA

- Developed expertise in perioperative management skills, including line placement, SLT/DLT intubation, and regional, obstetric, and pediatric anesthesia
- Crafted sustainable international project as only anesthesiology resident in class to pursue global health care track
- Created QI project investigating HIT protocol in cardiopulmonary bypass patients

Revised 03/02/2026

This document is not a retention agreement. A retention agreement is always required to be retained.

- Presented cost-analysis study to peers at American Society of Anesthesiologists Annual Meeting, 2023

June 2020—June 2021

Transitional Year, Anesthesiology Internship Year

Department of Anesthesiology, University of Minnesota

- Triage patients in Emergency Department according to their acuity and improved technical skills while treating complex, inner-city, low SES patients at the highest volume level 1 trauma center in Minnesota

QUALITY IMPROVEMENT PROJECTS

June 2023—June 2024

Resident Driven QI Implementation Project

University of Washington, Montlake

- Identified the need for a Bivalirudin protocol for cardiac surgery patients with a history of HIT
- Set goal of creating protocol and gathered team of multidisciplinary stakeholders to give input on potential pitfalls of protocol utilization
- Implemented the Bivalirudin protocol, resulting in a 100% reduction in HITT-related complications in eligible patients

April 2019—September 2020

Lean Six Sigma Process Improvement Individual Project

Department of Anesthesiology, Michigan Medicine

- Applied Lean Six Sigma Green Belt training to make fact-based suggestions to the Anesthesia Cost Committee for purchasing projections of Supraglottic Airway (SGA) devices
- Observed over 100 anesthetic cases utilizing the SGA device across three surgical sites to identify trends in use and consumer behavior
- Drafted Voice of the Customer Diagnostic Tool to assess SGA utility and waste for Faculty, Residents, and CRNAs
- Published as first author in Journal of Head and Neck Anesthesia and presented at ASA 2022, New Orleans

May 2019

Organizing Healthcare Curriculum

Town Design for Preventative Care in Northstowe, UK

- Utilized case studies in the U.S., Germany, and Australia to develop an integrated preventative care model for the Northstowe Healthy Town development, the largest planned city in the UK
- Identified the preventative and early intervention care needs for each demographic segment of the city based on survey findings and research results
- Outlined next steps for integration of Smart Technologies, community engagement, services & facilities, and physical development to the most senior Board of City Design

CONSULTING EXPERIENCE

February 2019-April 2019

Kylin Prime Group, Beijing, China

Global Consulting Project

- Drafted recommendations for Kylin Prime to perform to have a competitive advantage in investment migration industry
- Sourced interviews from industry experts, governmental agents, and senior executive leaders
- Navigated cultural complexities surrounding citizenship and investment migration for high-net-worth Chinese clients

Sept 2018—Dec 2018

BT Group plc, Cambridge, UK

Cambridge Venture Project

- Benchmarked BT Innovation function against competitors to find the best industry practices within the telecom and technical sectors

- Created an internal diagnostic tool to compliment industry research to identify strengths and weaknesses within the BT innovation value chain
- Developed eight dimensions of innovation in consultation with the client to generate 10 key recommendations to implement within a 6-month timeline

September 2018-October 2018

Alira Health, Milan, Italy

SDA Bocconi Case Competition

- Devised pricing strategy from primary and secondary research for Chiesi Farmaceutici S.p.A. to adopt for a novel Fabry Disease drug
- Suggested a three-tier recruitment approach focusing on relationship-pricing-technology tailored to the respective nuances of the US and EU5 markets.
- Generated value proposition leveraging technology as a potential disrupter to establish connectivity and create a seamless flow of information for patients
- Detailed physician and patient journey of adopting treatment, managing symptoms, and building community to digital health platform

April 2018—May 2018

AMBOSS, Berlin

American and Global marketing

- Scripted and filmed content for product marketing, legitimizing AMBOSS' presence within the English-speaking market
- Gathered understanding of teaching methodologies AMBOSS employed in the German-speaking market and rebranded them for the North American customer.
- Wrote USMLE practice content for US and international medical students, demanding the application of medical knowledge and the utilization of critical thinking and writing skills
- Piloted first International Student Travel Program and consulted for seven representatives in US and International Marketing teams; requiring versatility, problem solving, analytical skills, and cultural competence
- Drafted Facebook, Twitter, and Instagram posts and led two online webinars to advise medical students in over 10 countries

ENTREPRENEURIAL EXPERIENCE

November 2018- February 2019

E³ Tia Lua, Bangkok, Thailand

Bangkok Business Challenge

- Formed business plan for educational startup company E³, outlining the market analysis, content design, business expansion, and finances
- Presented startup idea to expert entrepreneurs in Southeast Asia and H.M. King Maha Vajiralongkorn
- Created prototype for educational App, functional on iOS and Android

TEACHING AND MENTORING EXPERIENCE

October 2025—Present

Ultimate Board Prep LLC

SOE and OSCE Examiner

- Act as practice examiner for consultant anesthesiologists preparing for the ABA applied exam
- Coach valuable insights into the advanced practice of anesthesiology through challenging oral exam scenarios

August 2019—May 2020

Office of Medical School Education, Ann Arbor, MI

Medical School Tutor

- Coached students test question analysis and tactics for identifying high yield information, resulting in efficient, impactful tutoring sessions
- Offered memorization strategies for M1s and M2s to handling large amounts of information, in turn cementing my medical knowledge from pre-clinical years
- Led chalk talks and complete online practice questions with students to provide multi-dimensional methods of learning strategies

August 2019—May 2020

Department of Anatomical Sciences

Teaching Assistant: Anatomy 403

- Facilitated office hours and structure laboratory sessions for over 100 undergraduate anatomy students to gain in depth understanding of anatomical concepts
- Obtained expertise of neuraxial, brain, musculoskeletal, cardiovascular, respiratory, and reproductive anatomy to apply to a variety of medical settings
- Refined teaching skills to a variety of learning types while relating scientific concepts to clinical practice

Fall 2015—Present

BUMA, University of Michigan—Ann Arbor

Medical Student Mentor

- Liaison between undergraduate students and medical faculty to start two research projects for undergraduate students to take part in.
- Conducted published study to evaluate effectiveness of mentorship program

Fall 2015—Summer 2016

Doctors of Tomorrow

Medical Student Mentor

- Guided mentees through thought experiments, leading them to establish a Capstone Health Fair, attended by Dr. Abdul El Sayed, the director of the Detroit Health Department.

Fall 2014

Biochemistry Department, University of Wisconsin-Madison

Biochemistry 501 Undergraduate Peer Mentor

- Tutored students in biochemistry and worked alongside course instructors to emphasize high yield material

September 2012—December 2013

Center for Educational Opportunity, University of Wisconsin-Madison

Academic Coach

- Tutored undergraduate students in general and organic chemistry

January 2013—May 2013

Religious Studies Program, University of Wisconsin-Madison

Undergraduate Discussion Leader

- Re-introduced course material to students and conducted literary analyses for Professor Corrie Norman

September 2011—May 2013

Family Voices Program, Boys and Girls Club, Madison, WI

Volunteer Mentor-Tutor

- Mentored and tutored three boys, ages 10-14, in an uplifting environment.
- Organized the first global culture day for the program

June 2011—July 2011

Gidan Kauna School, Jos, Nigeria

Guest Volunteer Teacher

- Taught rigorous curriculum to disadvantaged students coming primarily urban poverty

- Laid foundation for student success to attend Zambiri School for Children

RESEARCH EXPERIENCE

June 2019-August 2019

Department of General Medicine

Research Assistant/Data Abstractor/Chart Reviewer

- Assessed Provider, Patient, and Health System Effects of Provider Commitments to Choose Interventions Wisely
- Abstracted data into an electronic data capturing system (REDCap) while reviewing electronic medical records.
- Maintained study records and managed data in an organized fashion

February 2016—June 2020

Department of Otolaryngology

Medical Investigator

- Case report: blunt dissected sublingual cyst operation—ENT with Dr. Jennifer Ha
- Design and Fabrication of a Modified Minerva Cervical Thoracic Orthosis for the Post-Operative Management of Cricotracheal and Tracheal Resection.
- Retrospective Review: Modified Minerva Cervical Thoracic Orthosis for the Postoperative Management of Cricotracheal Resection: A Single Institutional Review
- Case Report: Cochlear Endoscopy in Cochlear Implantation of an X-Linked Stapes Gusher Syndrome
- Narrative Review: comparing disparities of the diagnosis and management of Otitis Media in the African American and Indigenous Australian populations
- Case Report: Aberrant Maxillary Sinus Anatomy in a Cystic Fibrosis Patient
- Original Research: Synchronous and Metachronous Head and Neck Squamous Cell Carcinoma in Western Australia – A Single Center Experience

January 2017—August 2017

Office of Health Equity and Inclusion

Medical Investigator

- Narrative Review: How A Formalized Medical Student Led Mentorship Program Aims to Encourage Underrepresented Minority Undergraduate Students to Pursue a Medical Career
- Created survey for participants and analyzed data. Conducted primary source research through multiple journal publications

January 2016—August 2016

Dr. Waljee, Plastic Surgery

Medical Investigator

- Clinical Study: The effects of patient knowledge of opioid prescriptions in pre-operative clinic
- Clinical Study: Quantifying the number of opioid equivalents that should be prescribed to mitigate over-prescription
- Conducted primary source research through patient interviews, and examined publication history through multiple sources

December 2015—August 2016

Henke Lab, Vascular Surgery

Medical Investigator

- Laboratory Study: Examining the role of IL-6 in Deep Vein Thrombosis recurrence
- Laboratory Study: The Occurrence of Character of Return Venous Thrombosis
- Clinical Study: Reviewing the effectiveness of online consults in the VA system
- Performed various laboratory experiments and performed surgery on mice, and conducted literature reviews

November 2015—May 2016

Michigan Journal of Medicine

Article Reviewer

- Served as Junior Journal Reviewer and critiqued papers submitted to the journal

July 2014—May 2015

Religious Studies Program, University of Wisconsin-Madison

Professor Corrie Norman

Religious Studies Certificate

- Analyzed the connection between medicine and spiritual practices in the Cape region of South Africa

January 2013—February 2014

Department of Comparative Biosciences, University of Wisconsin-Madison

Brownfield Lab: Professor Mark Brownfield

Undergraduate Research Assistant

- Explored serotonergic induced expression of catecholaminic neurons within the forebrain and hindbrain regions

September 2011-May 2012

Department of Oncology, University of Wisconsin-Madison

Harari Lab: Professor Randall Kimple

Undergraduate Research Scholars

- Project: An investigation of the mechanism for the cause of HPV head and neck cancers. I used Immunohistochemistry and Western Blot to test presence of proteins

PUBLICATIONS

1. **Tim Baerg MD, MBA**, Seth Klapman MD, MBA, Benjamin Cloyd MD MPH, David Hovord MD, Tony Edelman MD, MBA, David Healy MD, and Samuel Schechtman MD. Identifying Patterns of Utilization of Single-Use Video Laryngoscopy and Supraglottic Airway Devices to Reduce Waste. *JOHNA*. 2021;Volume 5, Issue 5p e35
2. **Timothy B**, Brian C, Jennifer H. Comparison of the Incidence, Clinical Characteristics, and Outcomes in Otitis Media among US African American and Australian Aboriginal Populations. *Glob J Oto* 2017; 6(2): 555684. DOI: 10.19080/GJO.2017.06.555684.
3. Sekhri S, Arora NS, Cottrell H, **Baerg T**, Duncan A, Hu HM, Englesbe MJ, Brummett C, Waljee JF Probability of Opioid Prescription Refilling After Surgery. *Annals of Surgery*. 2018;268(2):271-276. doi:10.1097/sla.0000000000002308..
4. **Timothy B**, Jennifer F H, Sheena B, David J B. Aberrant Maxillary Sinus Anatomy in a Cystic Fibrosis Patient. *Glob J Oto* 2017; 11(2): 555814. DOI: 10.19080/GJO.2017.11.555814
5. Kovatch, K. J., **Baerg, T.**, Ha, J. F., & Brown, D. J. (2019). Endoscopic-Assisted Removal of a Massive Pediatric Floor of Mouth Dermoid. *Ear, Nose & Throat Journal*. <https://doi.org/10.1177/0145561318824222>
6. Ha J, Parham G, **Baerg T**, Fisher P. Synchronous and metachronous head and neck squamous cell carcinoma in western Australia—a single center experience. *Aust J Otolaryngol* 2019;2:13.
7. **Baerg, T. N.**, Ha, J. F., Christ, M., & Green, G. E. (2019). Modified Minerva Cervical Thoracic Orthosis for Postoperative Management of Cricotracheal Resection. *Ear, Nose & Throat Journal*. <https://doi.org/10.1177/0145561319859348>
8. **Baerg, T.N.**, Arora, N.S., John, S., Hoogmoed, R., Rietberg, N., Franko, L., & Bates, E. (2019). Perioperative Myocardial Infarction: A Report and Discussion of Risk, Diagnosis, and Management. *Michigan Journal of Medicine*
9. **Timothy Baerg**, Jennifer F Ha, Marc C Thorne. Cochlear Endoscopy in Cochlear Implantation of a X-Linked Stapes Gusher Syndrome. *J Head Neck Spine Surg*. 2018; 3(1): 555603. DOI: 10.19080/JHNSS.2018.03.555603
10. **Baerg, T. N.**, OJO, A., Bahamonde, A., Onadipe, A., & Jackson, J. (2017). How a Formalized, Medical Student-Led Mentorship Program Aims to Encourage Underrepresented Minority Undergraduate Students to Pursue Medicine. *Journal of the Student National Medical Association*, 23(1), 24-28.

Revised 03/02/2026

This document is not a retention agreement. A retention agreement is always required to be retained.

CONFERENCES AND PRESENTATIONS

1. “Identifying Patterns of Utilization of Single-Use Video Laryngoscopy and Supraglottic Airway Devices to Reduce Waste”, American Society of Anesthesiology Annual Meeting, New Orleans, Oct 2022
2. “Enhancing the pipeline of underrepresented minority students into medical school through the use of a formal medical student-led mentorship program,” American Medical Association Student-Led Conference. Ann Arbor, MI, Aug. 2017
3. “Endoscopic Assisted Removal of a Massive Floor of Mouth Dermoid,” American Society of Pediatric Otolaryngology (ASPO). Oral Presentation. Austin, TX, May 2017
4. “Modified Minerva Cervical Thoracic Orthosis for the Postoperative Management of Cricotracheal Resection: A Single Institutional Review,” 120th Annual Meeting at Combined Otolaryngology Spring Meetings (COSM). Poster Presentation. Apr. 2017, San Diego, CA
5. “Cochlear Endoscopy in Cochlear Implantation of an X-Linked Stapes Gusher Syndrome ,” Triological Society 2017 Combined Sections Meeting. Poster Presentation. Jan. 2017.
6. “Opioid Prescribing: What is the ideal amount?” University of Michigan Department of Surgery Grand Rounds. Oral Presentation. Ann Arbor, MI, Dec. 2016
7. “Understanding Patient Opioid Knowledge in the Perioperative Period,” Learn Serve Lead, AAMC Annual Conference. Poster Presentation. Seattle, WA, Nov. 2016
8. “Comparing Otitis Media Between African American and Australian Aboriginal Populations: Insights into the Impact of Nationalized Health on Vulnerable Populations,” 5th Annual Sujal Parikh Memorial Symposium. Poster presentation. Ann Arbor, MI, Nov. 2016
9. “Recurrent DVT vein wall fibrotic injury may be driven by IL-6,” University of Michigan Summer Basic Science Research Symposium. Poster Presentation. Ann Arbor ,MI, Sept. 2016
10. “Comparing Otitis Media Between African American and Australian Aboriginal Populations: Insights into the Impact of Nationalized Health on Vulnerable Populations,” National Medical Association Annual 114th Annual Convention & Scientific Assembly. Poster presentation. Los Angeles, CA. Aug. 2016

HONORS AND AWARDS

1. Dr. Ian Vincent Memorial Global Health Fellowship Recipient, 2023
2. APM Research Grant, 2022
3. Stuart Wells Utley Memorial Scholarship Fund, 2019
4. Charles MacGregor Memorial Scholarship Fund, 2015-2018
5. Powers-Knapp Scholar, 2011—2015
6. Dean’s List, 2011—2014 semesters
7. Study Abroad Scholars Scholarship, 2014
8. Ruth and Carl Miller Academic Merit Award, 2012
9. National Society of Collegiate Scholar’s Chapter Award: Outstanding Member Scholarship, 2012

VOLUNTEER EXPERIENCE

September 2019—June 2020

University of Michigan Medical School, Admissions

Admissions Interviewer

- Assessed, compiled, and evaluated the communication skills and conversational style of medical school applicants, requiring me to critically analyze non-verbal interactions
- Interpreted interviewee response to ethical dilemmas through role playing vulnerable patient roles, compelling me to empathize with various patient scenarios
- Advocated for interviewees who may have complicated backgrounds or who stand out as fantastic applicants

March 2018

Office of Diversity and Health Equity

Student speaker

- Engaged with over 200 high school students interested in careers in healthcare
- Spoke about skillsets necessary to succeed academically and professionally

September 2015, May 2016, July 2016
 Student Run Free Clinic, Ann Arbor, MI
 Medical Student Participant

- Provided medical care under supervision of Attending physician
- Performed history and physical in Spanish

May 2014
 Brotherhood Without Borders, Port-au-Prince, Haiti
 Group Organizer

- Provided material and educational experiences to the boys of Fondation Lespwa pou Demen.
- Showed boys importance of volunteering by taking them to GCOM feeding program

July 2013—December 2013
 Wingra Health Clinic, Madison, WI
 Wingra Volunteer Program, Recorder

- Shadowed and scribed physicians during examinations. I then contacted patients two weeks following their visit to survey their progress

September 2011—May 2013
 Powers-Knapp Scholars, University of Wisconsin-Madison
 Volunteer Committee Co-Chairman

- Planned and attended volunteer events for a group of 50 scholars, collaborating with organizations such as The Salvation Army, Wisconsin Public Television, Vietnam Health Project, Lubar Institute of Abrahamic Religions, and Sex Out Loud
- Additionally, I served in the Big Siblings program to help freshman transition into college life
 March 2013

President's Interfaith Initiative, Lubar Institute of Abrahamic Religions
 Lead organizer and Recruiter

- Collected food and toiletries for homeless communities in Madison alongside individuals of multiple faith backgrounds in partnership with The Powers-Knapp Program

December 2012
 The Impact Movement, New Orleans, LA
 Small Group and Outreach Leader

- Distributed food and hygienic products to low income homes and churches in New Orleans

December 2010—January 2011
 God's Chosen One's Ministries (GCOM), Port-au-Prince, Haiti
 Volunteer

- Observed medical teams and interacted with children following visit.

ELECTIVE COURSE WORK

July 2019
 Winter School
 Medical Exchange Student

- Selected as one of four American medical students selected to partake in an international and multispecialty intensive exchange program
- Interviewed patients from a variety of socioeconomic and ethnic backgrounds in both Spanish and Portuguese, improving my understanding of cardiology and its relationship with infectious disease
- Punctuated my ability to understand the pathophysiology, diagnosis, prevention, and therapeutic options for diseases found in tropical settings

January 2016—June 2020

University of Michigan Medical School

Global Health and Disparities Path of Excellence

- Conducted needs assessment for the Freedom House Asylum (Detroit) to assess care for asylum seekers in a post ACA era
- Monthly meetings discussing how to tailor our healthcare to disparities both domestically and abroad

February 2016- March 2016

University of Michigan Medical School

Understanding and Improving US Healthcare

- Learned the main stakeholders in US healthcare system and how they intersected with and through different health professions
- Gained understanding of history of healthcare reform in the United States
- Described possible future directions of reform in US healthcare system

September 2015—February 2016

University of Michigan Medical School

Medical Spanish

- Became proficient in Spanish medical jargon
- Learned cultural and western medical practices in Spanish Speaking communities