The information in this booklet reflects the current residency program. UNMC will continuously evolve the program to provide the best possible education for the residents. Future programs may differ.
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Our mission is to lead the world in transforming lives to create a healthy future for all individuals and communities through premier educational programs, innovative research and extraordinary patient care.
OUR VALUES

reflect who we are and why we’re here.

ITEACH

**Innovation**
Search for a better way. Seek and implement ideas and approaches that can change the way the world discovers, teaches and heals. Drive transformational change.

**Teamwork**
Respect diversity and one another. Communicate effectively and listen well. Be approachable and courteous. There is no limit to what we can achieve when we work together.

**Excellence**
Strive for the highest standards of safety and quality in all that you do. Work to achieve exceptional results.

**Accountability**
Commit. Take ownership. Be resilient, transparent and honest. Always do the right thing and continuously learn.

**Courage**
Make the tough decisions. Have no fear of failure in the pursuit of excellence. Admit mistakes and learn from them.

**Healing**
Show the empathy you feel. Be selfless in caring for patients, one another and the community.
DEPARTMENT OF ANESTHESIOLOGY

MISSION STATEMENT

The mission of the Department of Anesthesiology is to deliver high-quality and compassionate medical care, provide premier educational programs and perform innovative research.
The mission of the Department of Anesthesiology Residency Program at UNMC is to provide state-of-the-art education in anesthesiology that trains physicians that deliver the highest level of patient care to all individuals and communities by fostering a culture of faculty and resident excellence, innovation, and collaboration.

**Aim 1:** To provide a comprehensive educational environment for physicians to further their medical training and acquire the skills necessary to become knowledgeable consultants in the future practice of anesthesiology.

**Aim 2:** To emphasize and develop the necessary skills required for life-long acquisition and application of medical knowledge in Anesthesiology, including self-directed learning, analysis of practice, and continual integration of evidence based medicine into clinical care.

**Aim 3:** To train physicians who are leaders of the perioperative realm, capable of effective teamwork that enhances care of patients and builds relationships with other health care professionals.

**Aim 4:** To foster a culture of discovery that will lead to the lifelong development of advancements and innovations in the specialty of anesthesiology.
Chairman’s Welcome

Program Director’s Welcome

Associate Residency Program Directors

Chief Resident’s Welcome

Department of Anesthesiology

Educational Leadership & Staff
Welcome to Omaha!

It is a pleasure to welcome you to the University of Nebraska Medical Center Department of Anesthesiology. At UNMC and Nebraska Medicine, our mission is to lead the world in transforming lives to create a healthy future for all individuals and communities through premier educational programs, innovative research and extraordinary patient care. Our values of innovation, teamwork, excellence, accountability, courage and healing reflect who we are and why we are here. Over the past 50 years, our team has maintained a tradition of excellence in the delivery of clinical anesthetic care and graduate medical education. Graduates from our program serve proudly as clinicians, researchers, and educators across the state of Nebraska and the nation.

Our residents receive the best possible training at UNMC and Nebraska Medicine as they prepare for a career in General Anesthesiology or one of its many subspecialties. The department’s educational programs and faculty mentorship extends across the full spectrum of our specialty, providing expert instruction in all aspects of clinical anesthesia and perioperative care. We have ACGME fellowships in critical care, adult cardiothoracic anesthesiology, pain medicine, regional anesthesia and acute pain management, and pediatric anesthesiology as well as advanced training in perioperative and point-of-care echocardiography and global health.

The city of Omaha is an exciting, progressive, and vibrant metropolitan area to call home during your training. Residents enjoy a low-stress and low-cost atmosphere with all of the advantages of a metropolitan area of nearly one million people. Thank you for considering the University of Nebraska Medical Center Department of Anesthesiology for your residency or fellowship training. We would be proud to consider you a member of our family!

Best wishes,
Steven J. Lisco, MD, FCCM, FCCP Professor and Chairman
Welcome to the Department of Anesthesiology at the University of Nebraska Medical Center! We look forward to getting to know you during your visit, and we are eager to share information about our residency program with you. This is an exciting time to be part of our specialty and our department. Because of your visit, we hope you will appreciate our commitment to outstanding patient care and perioperative education, and that you will experience the energy, camaraderie, and supportive learning environment that are integral to this department and medical center.

As a resident in our department, we will provide you with expansive clinical and non-clinical opportunities that will prepare you for your future. Whether you ultimately practice in a community setting, an academic practice, or pursue a subspecialty fellowship, your development as a physician and as an individual is our priority. You will receive state-of-the-art education and training through direct patient care, high fidelity simulator labs, and robust didactics. Exceeding all case requirements, our residents participate in extra learning and practice opportunities in every aspect of anesthesiology including echocardiography, regional anesthesia, transplant anesthesia, private practice experience, and quality improvement and patient safety.

The UNMC Department of Anesthesiology is truly a family! As a medium-sized residency, we enjoy getting to know our residents. From our time-honored physician educators and rising-star junior faculty members, to our friendly and helpful administrative staff, our residents train in a supportive environment that does everything possible to ensure the success of our residents during their time with our program and throughout their careers.

Located in Omaha, we enjoy big-city amenities and small-town friendliness. Omaha is home to amazing attractions, restaurants, and schools, a lower cost of living, and, while experiencing four seasons, there are over 300 days of sunshine annually! It is truly a great place to live and raise a family. Known for being hard working, respectful, and kind in the Midwest, Nebraska Medicine, UNMC, and our department take great pride in who we are and where we are going. We
hope you will see our dedicated spirit in action as you interview with us, and you will discover why the UNMC Department of Anesthesiology is an excellent place to become the best physician, anesthesiologist, and person you can be.

I hope you will find our website helpful at www.unmc.edu/anesthesia, and do not hesitate to contact me with any questions.

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Associate Professor and Residency Program Director
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Katie Goergen, MD
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Nicholas E. Heiser, MD
Assistant Professor
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Chief Residents’ Welcome

Dear Applicants,

Welcome to Omaha and the Department of Anesthesiology at UNMC. We are excited to share our program, our city and our experiences with you.

Living in Omaha
Omaha is a mid-sized, easily livable and vibrant city. It combines the amenities of living in a larger city with the charm of the Midwest. There are plenty of things to do in your downtime including enjoying a local restaurant, attending a concert or play, or watching a game. Some of our favorites include the College World Series, Jazz on the Green, and visiting the Henry Doorly Zoo. Omaha is great for families, couples and singles with its variety of neighborhoods, each with their own personality. From living downtown in a high-rise apartment to buying a house in the suburbs, our residents have found many affordable and convenient living options within 20 minutes from the hospital.

Clinical Training
Categorical CBY residents will receive a truly immersive experience at UNMC. You will have a mix of private practice and academic rotations that provide an exceptional knowledge base to start your dedicated anesthesia training.
During your CA1 year, you will spend about half of your time in the general OR interspersed with various sub-specialty rotations. Upper level residents have several rotations outside of the main hospital and the option to schedule rotations based on their interests.

All residents will spend one month at the VA focusing on difficult airway management techniques, and two months at Children’s Hospital and Medical Center of Omaha. Additional experiences in the last year of training include private practice management in which residents will learn how to manage OR scheduling and staffing. A month at the Fritch Outpatient Surgery Center will build on this experience. Here, residents function as supervised “junior staff,” responsible for conducting pre-op evaluations, creating anesthetic plans, performing regional blocks and managing staff in multiple rooms. Residents who perform well on all in-training examinations and the basic exam are eligible for an elective, private practice rotation in Lincoln. At the conclusion of your training, you will be qualified to attain the fellowship or job of your choice.

**Didactics**

As learning styles and platforms continue to evolve, our educational blueprint is adapting. We have “Anesthesia Bootcamp” each July and August. This serves to cover foundational topics to help transition into the CA1 year. Additionally, faculty have developed an online learning platform that is continually being updated with teaching modules. Resident specific weekly didactic session vary between simulation, dynamic lectures, board question review sessions, keyword presentations, interesting case and morbidity and mortality case discussions and mock oral examinations. Department-wide grand rounds, quality conferences and journal clubs bring interdepartmental collaboration and nationally and internationally known guest speakers from various sub-specialties.

We are looking forward to getting to know you. Thank you for considering our program and Please do not hesitate to contact us with any questions.

Best Regards,

Sean Rajnic, MD  Carter Mohnssen, MD
sean.rajnic@unmc.edu  carter.mohnssen@unmc.edu

Chief Residents, Department of Anesthesiology
University of Nebraska Medical Center
Department of Anesthesiology
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Vice Chair for Education

Faye Haggar, MS, EdS, EdD
Assistant Professor
Director, Education Development & Academic Technology

Fellowship Program Directors

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Professor
Cardiothoracic Anesthesiology

Daniel Johnson, MD
Associate Professor
Critical Care Anesthesiology
Fellowship Program Directors cont.

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Amy Guziec
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Match 2020 Positions Offered
The UNMC Department of Anesthesiology will offer the following positions in the 2020 Match:

**8 Categorical** (Clinical Base Year + Anesthesiology, 36 months)
- **NRMP Program Code: 1376040C0**

**2 Advanced Anesthesiology** (36 months of Anesthesiology to begin July 2021 following satisfactory completion of an ABA accepted and ACGME accredited internship not associated with the UNMC Department of Anesthesiology)
- **NRMP Program Code: 1376040A0**

If you are applying for an “advanced” position, make sure you are applying and interviewing for an accredited internship or will have completed a satisfactory and accredited internship. This internship must include 12 months of broad education in fundamental clinical skills of medicine relevant to the practice of anesthesiology.

At least six months of fundamental clinical skills of medicine education must include experience in caring for inpatients in family medicine, internal medicine, neurology, obstetrics and gynecology, pediatrics, surgery or any of the surgical specialties, or any combination of these.

During the first 12 months of the program, there must be at least one month, but not more than two month(s) each of critical care and emergency medicine.

(Anesthesiology program requirements, acgme.org)
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ACGME Accreditation Status

Anesthesiology
College of Medicine
University of Nebraska Medical Center

- Accreditation status: Continued Accreditation
- Effective Date: 1/29/2019
- Comment: “The Review Committee commended the program for its demonstrated substantial compliance with the ACGME’s Program Requirements and/or Institutional Requirements without any new citations.”
- The program has no current citations.
- Date of most recent site visit: 2009
- Date of next site visit: 2022
- The residency program was originally accredited on February 28, 1951
- The residency program has always been in good standing.
The following requirements apply to all anesthesiology residents at UNMC:

- ALL residents must pass USMLE Step 3 (or equivalent) prior to matriculating as a CA-1 resident.

- Each resident will be expected to take the ABA Basic Exam as soon as he/she is eligible. If a fail occurs, the resident will be expected to repeat the exam at the next available test date. All residents must pass the ABA Basic Exam within two successive attempts in order to continue in the program.

- All residents must have a cell phone with text messaging capabilities and excellent reception in the ORs.
The Clinical Base Year (CBY)

The CBY experience at UNMC is a unique blend of rotations specifically chosen to prepare our residents for their future in anesthesiology and care of the patient in the perioperative period. Each rotation was selected for its excellent clinical experiences, educational opportunities, and faculty commitment. Our year is distinctive in that you will work with private practice physicians and academic departments. On private practice rotations, you will often be the only resident working one-on-one with the attending faculty and receiving extensive clinical experiences with personal didactic instruction and guidance. On an academic rotation, you will be a member of the team of residents covering the particular service, and while you will be extensively involved in patient care, you will participate in that department’s structured didactic programs, and you will continue to develop very important team skills. We believe this combined approach provides you with many extraordinary opportunities to learn, appreciate, and practice elements of patient care from various perspectives. You will learn to function with varying levels of autonomy, and you will continue the process of assimilating into the role of a physician. We believe that when you speak with our current CBY residents, you will find an enthusiastic response to the first year of educational and clinical experiences.

Our CBY residents are a part of our department from the moment they match into our program. Their lab coats and name badges clearly identify them with Anesthesiology, and they are always welcome at all of our departmental activities. Each CBY resident is assigned a faculty mentor from the anesthesiology faculty. We have an anesthesiology didactic series created just for CBYs which formally meets in the department each week. This series covers anesthesiology and pertinent perioperative patient care topics along with introducing the residents to simulation with sessions developed specifically for the CBY residents. This didactic format encourages the residents and anesthesiology faculty getting to know each other. Our interns receive formal instruction in research methodology through a year-long interactive and very lively research curriculum taught by specially chosen faculty colleagues from the College of Public Health.
Rotation Sites

Nebraska Medicine

- “Serious Medicine, Extraordinary Care”
- Nebraska Medicine is comprised of: Nebraska Medical Center, Nebraska Medicine- Bellevue, Nebraska Medicine-Village Pointe
- Nebraska Medical Center: 718 beds, Nebraska Medicine system: 809
- Operating rooms: 36
- Anesthetics: 30,000+ annually
- Emergency room visits: 88,000+
- Level One Trauma coverage for region
- State designated Comprehensive Trauma Center for pediatric and adult trauma 24/7
- One of three hospitals in the nation to have successfully treated patients with the Ebola virus

Awards

- U.S. News & World Report State’s Top Hospital eight consecutive years
- Named National Consumer Choice Award winner for 13 consecutive years as result of large consumer study conducted by The National Research Corporation (NRC).
- Named by Becker’s Hospital Review as one of the 100 Best Hospitals in America for six consecutive years. Nebraska Medicine also earned a spot on Becker’s list of 100 Hospitals with Great Oncology Programs.
- The National Safety Council, Nebraska (NSCN) awarded Nebraska Medicine with its “Nebraska’s Safest Companies” award.
- Vizient 2016, 2017, 2018: Bernard A. Birnbaum, MD Quality Leadership Award placing it nationally among the top twelve academic medical centers for providing a high level of quality patient care and safety.
Nebraska Medicine – Bellevue Medical Center

- CBVs – Emergency Medicine
- ED: 17 treatment rooms, two fast-track rooms, two trauma rooms,
- 3rd busiest ED in the metropolitan area
- 10 miles south of The Nebraska Medical Center
- 91 beds; CRNAs in-house 24/7
- Community hospital, seven years old
- LEED certification (Leadership in Energy and Environmental Design)
- 8 ORs, 2 interventional suites, 4 procedure rooms (More than 3000 anesthetics; more than 800 births)
- Recognized by Joint Commission as Top Performer
- Vizient – Quality Leadership Award, 2017 (Top 12 Community Hospital in the Nation)
Children’s Hospital and Medical Center

• 3 residents per month
• 4 miles west of The Nebraska Medical Center
• 145 beds
• 12 operating locations, including, hybrid heart catheterization lab and ambulatory center
• More than 13,000 anesthetics annually ("bread and butter" pediatrics plus all other pediatric conditions including NICU, congenital cardiac/open hearts)
• Regional referral center providing care to more than 290,000 patients each year
• Pediatric anesthesiologists are also faculty members in the UNMC Department of Anesthesiology
• U.S. News & World Report Best Children’s Hospitals in 5 areas in 2018-2019, including Pediatric Cardiology & Heart Surgery, Diabetes & Endocrinology, Gastroenterology & GI Surgery, Orthopedics, and Pulmonology
Omaha Western Iowa Veterans Administration Medical Center

- 1 resident per month (emphasis on airway management)
- 2 miles south of The Nebraska Medical Center
- 226 beds
- More than 4,000 anesthetics annually
- 7 ORs + 5 out of department anesthetizing locations
- UNMC and VA anesthesiology faculty
- Surgeons from UNMC and Creighton/CHI

Bryan West Medical Center – Lincoln, NE

- Elective rotation for CA-3 resident(s) who meet approval
- Possible experiences include cardiac anesthesia with advanced TEE in addition to anesthesia for all other types of surgery in private practice
International Experiences

Global Health – Rwanda Elective

The University of Nebraska, the University of Gitwe in Rwanda, and the Gitwe Hospital have established a unique two-week global health elective for Anesthesiology residents and fellows from UNMC and Children’s Hospital and Medical Center.

Residents and fellows learn to provide anesthesia services in a resource-limited environment while being exposed to unique patient populations to which they could not be exposed in Nebraska. Trainees broaden their perspectives with regard to medical conditions that affect individuals in underserved areas of the world. Faculty from the University of Nebraska’s Department of Anesthesiology directly supervise residents and fellows participating in this rotation. Each trainee will care for patients undergoing resection of large thyroid goiters as well as patients undergoing repair of cleft lips and palates. While in Africa, residents and fellows will learn about the healthcare system in Rwanda and the training required to become a physician in Sub-Saharan Africa. This rotation is offered approximately two times per year.

International rotations are not limited to particular training levels. A formal application, review, and interview process occurs for all international rotations.
Global Health – Mt. Everest Elective

In April 2017, a team from UNMC joined researchers from the University College London Center for Altitude, Space, and Extreme Environment Medicine (CASE) and conducted a pilot study of 50 subjects in the Himalaya. This activity was part of our Everest Global Health Elective. Opportunities like this may be available in the future.
Summary of Clinical Experiences

CBY: Rotating internship with a mixture of private practice and academic department rotations. Rotations have been carefully selected for clinical experience and teaching faculty.

In addition to rotations in Internal Medicine and Surgery, residents will have foundational rotations in Emergency Medicine, Critical Care, and Anesthesiology.

The Emergency Medicine rotation occurs at Nebraska Medicine- Bellevue.

2019-2020 CBY rotations: Internal Medicine Wards, Internal Medicine Co-Management, Internal Medicine – Cardiology, Critical Care Medicine (CCM ICU), Critical Care Surgery and Trauma (CCS ICU), Nephrology, General Surgery, Interventional/Outpatient Cardiology, Otolaryngology (2 weeks), Transfusion Medicine (2 weeks), Emergency Medicine, Anesthesiology, and research. Our CBY residents do not have separate clinic assignments, but they will participate in clinics associated with their scheduled rotations. All rotations are based through Nebraska Medicine.
CA-1: General OR Anesthesia with some subspecialty rotations and at least one month of Critical Care Anesthesiology (CCA). During this year, you will care for a wide range of patients from outpatients, to transplant patients, and some of the most critically ill patients you can imagine. Other rotations include: PASC, Ortho, Thoracic, Acute Pain Service.

CA-2: General OR Anesthesia with subspecialty rotations (cardiothoracic anesthesia, pediatric anesthesia, obstetric anesthesia, neuroanesthesia, regional anesthesia, acute and chronic pain management, critical care anesthesiology). This year will build on the foundation of your CA-1 year. Other rotations include Airway Techniques (VA), PACU, ambulatory anesthesia.

CA-3: Advanced experiences in general and subspecialty anesthesia; other areas of focus as arranged by the resident. Perioperative Practice Management is a popular senior elective. One month of Critical Care Anesthesiology will be included.
Subspecialty Rotation Experiences

**Cardiac:**
- 3 cardiac suites, one Hybrid room, Cardiac Cath lab
- More than 600 cardiac cases annually (and growing!)
- Perioperative echocardiography service (>1000 TEEs annually)
- Hands-on echo education in multiple ORs with our echo certified anesthesiologists
- CAE TEE and TT simulator in state of the art perioperative echocardiography suite
- Heart transplants, lung transplants, LVADs, RVADs, valve repair and replacement, TAVR, minimally invasive cardiac procedures, congenital cardiac procedures on adults, thoracic aorta procedures
- ECMO and Heart Failure programs
- One of the largest LVAD centers in the country

**Critical Care Anesthesiology (CCA):**
- One month per year
- All ICU patients from cardiac surgery, cardiology, thoracic surgery, vascular surgery, surgical oncology, OB/GYN
- Care for patients post organ transplants, with LVADs, adult ECMO, IABPs, artificial hearts
- Faculty in-house 24/7
- Bedside training in TTE, TEE, point of care ultrasound

**Obstetric:**
- High risk and normal deliveries
- New in 2016, $20+ million OB unit with 3 ORs
- Approximately 2,600 deliveries at Nebraska Medicine
Pediatric:
- Board certified pediatric anesthesiology faculty
- Range of cases from “bread and butter” to very complex

Pain Medicine:
- 7,500+ procedures per year
- Five dedicated faculty for chronic pain

Acute Pain Service:
- Dedicated faculty team, all US guided blocks (200-300/month)
- Multi-modal techniques; Inpatient daily census > 20

PASC (Pre-Anesthesia Screening Clinic)
- Team approach, one month rotation
- Hospitalists also work in clinic

Post-Anesthesia Care Unit (PACU):
- Resident and Faculty co-assigned each day

Transplant:
- Liver, pancreas, kidney, small bowel, heart, lung
- 100-120 liver transplants per year; ¼ pediatric
- TEE used on all adult cases

Neuro:
- Brain tumors, aneurysms, spine surgeries
- Neuroradiology coiling procedures are abundant
Fritch Surgery Center

- Housed in the Lauritzen Outpatient Center, a $71 million facility that opened in 2016
- Multispecialty outpatient surgery center with 10 operating rooms
- All ambulatory cases with a heavy emphasis on regional anesthesia
- Numerous surgical subspecialties including orthopedics, ophthalmology, ENT, general surgery, among others.
- Senior level resident will gain experience running an outpatient surgery center
Work Hours

Average work hours for our residents = 55 hours/week

<table>
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<tr>
<th>Rotation</th>
<th>Average Hours/week</th>
</tr>
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<tr>
<td>CBY</td>
<td>40-80</td>
</tr>
<tr>
<td>General ORs</td>
<td>50-55</td>
</tr>
<tr>
<td>Cardiac</td>
<td>60-65</td>
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<tr>
<td>ICUs</td>
<td>70-75</td>
</tr>
<tr>
<td>VA</td>
<td>30’s</td>
</tr>
<tr>
<td>Children’s</td>
<td>50</td>
</tr>
<tr>
<td>Chronic Pain</td>
<td>45</td>
</tr>
</tbody>
</table>

Available Anesthetics

Nebraska Medicine: 39,000
VA: 4,800
Children’s: 14,500

Anesthetics available for residents and fellows: 50,000+

Available Pain Procedures: 7500+
# Case Logs

## Averages for graduates over the past five years

<table>
<thead>
<tr>
<th>Event</th>
<th>RRC Minimum</th>
<th>Class Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pts. &lt; 3 mos</td>
<td>5</td>
<td>16</td>
</tr>
<tr>
<td>Pts. &lt; 3 yrs</td>
<td>20</td>
<td>141</td>
</tr>
<tr>
<td>Pts. &lt; 12 yrs</td>
<td>100</td>
<td>287</td>
</tr>
<tr>
<td>Spinal</td>
<td>40</td>
<td>68</td>
</tr>
<tr>
<td>Epidural</td>
<td>40</td>
<td>136</td>
</tr>
<tr>
<td>Periph nerve block</td>
<td>40</td>
<td>332</td>
</tr>
<tr>
<td>Life-threatening pathology</td>
<td>N/A</td>
<td>247*</td>
</tr>
<tr>
<td>Cardiac total</td>
<td>20</td>
<td>69</td>
</tr>
<tr>
<td>Intrathoracic, non-cardiac</td>
<td>20</td>
<td>36</td>
</tr>
<tr>
<td>Vascular, major vascular</td>
<td>20</td>
<td>88</td>
</tr>
<tr>
<td>Vaginal delivery</td>
<td>40</td>
<td>70</td>
</tr>
<tr>
<td>Cesarean sections</td>
<td>20</td>
<td>38</td>
</tr>
<tr>
<td>Total intracerebral</td>
<td>20</td>
<td>37</td>
</tr>
<tr>
<td>Total intracerebral-open</td>
<td>11</td>
<td>37</td>
</tr>
<tr>
<td>Pain new consults</td>
<td>20</td>
<td>81</td>
</tr>
<tr>
<td>Total cases</td>
<td>N/A</td>
<td>1683</td>
</tr>
</tbody>
</table>

*average of available data, past four years
Call Responsibilities

CBY Rotations
• Responsibilities vary per rotation

UNMC CA1, CA2, & CA3s General OR Call
• The in-house team has at least two residents, one OB anesthesia resident, one CRNA, one faculty
• Chief residents schedule all residents evenly throughout the month to cover:
  » Weekdays
    › One junior and one senior resident on 24-hour, in-house shift
    › One junior or senior resident on late call, or last released
  » Weekends and holidays
    › One junior and one senior resident on 24-hour, in-house shift
• Call residents are often accompanied by two to three in-house CRNAs
• Additional general and specialty faculty available by home call
• Post call day off at 7 a.m.

Critical Care Anesthesia (CCA) Service in the ICU
• One call day per week (CA1s: Sunday, CA2s: Monday, CA3s: Saturday)
  » The following day is post call, the second day after is off
  » CA3s are on call with a fellow and a home-call faculty
  » CA1s and CA2s will have faculty in-house with them during their 24-hour shift
OB Call

- Minimum of two residents with 24-hour coverage during rotation
- Day shift resident works Monday-Friday with a 24-hour shift on Friday, returning Sunday night to start night shift
- Night shift resident works Sunday through Thursday with Friday through Sunday off, to return to day shift Monday morning.
- Saturday 24-hour and Sunday morning shifts are covered by an OB call-eligible resident from the general pool

Children’s Hospital & Medical Center

- Up to two weekend calls per rotation

VA Airway

- No VA calls; one in-house shift per month at UNMC
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Didactic Activities

- All incoming residents are provided with an iPad to use during their training.
- Learnly and TrueLearn subscriptions provided by the department
- Electronic textbooks and references are available through UNMC’s McGoogan Library of Medicine
- All residents will complete IHI on-line modules prior to matriculation at UNMC
- All residents will complete on-line institutional, GME, and program-specific coursework, including CITI training throughout their residency
- All residents will be trained in Zero Harm Training or TeamSTEPPS
- All residents will complete an academic project. Guidance and support is provided by the Resident Research Oversight Committee
- All residents will complete QA/QI/Patient Safety projects.
- Multiple faculty are ABA Oral Board Examiners, on the ABA’s OSCE development committee, and/or are ABA question writers

**CBY:** Didactic program of anesthesiology topics presented on Wednesday afternoons by department faculty; research curriculum presented by College of Public Health faculty; quarterly simulation
Bootcamp for CA1-3:

- Following feedback from our residents, we continue to adapt the didactic part of the curriculum to balance protected education time with clinical learning. In addition, we strive to have a balance of instruction techniques that can benefit any type of learner.
  - First seven weeks of academic year, a daily review of foundational topics for all CA residents
- Residents have dedicated weekly afternoon sessions from 3 to 4:30 p.m. Content will vary between faculty directed lectures, resident directed learning, mock oral practice, M&M formatted discussions, and board question review.
  - Tuesday afternoons will cover Basic Content for the CA-1 level trainee in preparation for the Basic Examination.
  - Thursday afternoons will cover Advanced content for CA2/3 trainees.
- Educational content is also available on our Department of Anesthesiology Learning Portal, including educational modules, interactive learning sessions, keyword topics with board questions, journal articles, lecture handouts, and more!
- Wednesday mornings include grand rounds presentations, department quality and safety meetings, and monthly OSCE and simulation experiences for all levels of training.

Other didactics:

**Echo:**
Online formal echo presentations by our echo faculty

**Journal Club:**
Monthly, evening, casual; held at home of faculty or local restaurant. Residents will present approximately once per year with mentorship from COPH faculty

**Case Conference:**
Resident conference with senior faculty discussing cases from the OR schedule

Shared Practice Management live-stream conferences with the University of Minnesota and University of Iowa, approximately 4-5 times per year
**Didactics sponsored by GME:**

COPIC Resident Case Conference: Approximately four times per year; live case reviews with COPIC

Resident Development Series – a four-part series

- Patient Safety/Quality Improvement/Disparities Collaborative: 3rd Tuesday of every month except June, July and December
- Risk management (Training in medical malpractice): 2 sessions per year
- Business aspects (job search, contract negotiations etc) and Health Policy (MACRA, MIPS etc)- In development
- Leadership/Professionalism/Well-being
Michael F. Sorrell Clinical Simulation Lab

- 7,750 sq. ft.
- Simulation labs + OR
- Our own high-definition simulator; task trainers
- Our own Echo simulator in Echo Center
- All residents receive small group simulations specific to learning level; assigned 2-4 sessions per year per resident
- Robust simulation curriculum developed and led by our own faculty
- OSCE practice

T.J. Lockhart, MD
Assistant Professor
Director of Anesthesiology Simulation
Davis Global Center for Advanced Interprofessional Learning

- Lead gifts from Dr. Edwin Davis and Dorothy Balbach
- 191,884 square feet
- $118.9 million facility
- 42nd and Emile Streets
- Opening Winter 2019
- UNMC’s iEXCEL (Interprofessional Experiential Center for Enduring Learning)
- Interprofessional clinical simulation training exercises, surgical skills training, realistic environments through virtual and augmented reality, holographic and visualization techniques
- National Center for Health Security and Biopreparedness
Research & Scholarly Activity
Research & Scholarly Activity

The University of Nebraska Medical Center places a strong emphasis on research and scholarly activity. Research across the campus is conducted in basic science, translational, clinical outcomes, educational, global health, and public health matters.

Assistance for residents with scholarly projects is always available through three basic science researchers, one translational researcher, a statistician, two department research nurses, a research coordinator, and the Resident Research Oversight Committee (RROC). Residents and faculty receive aid ranging from refining an idea into a research endeavor, to IRB compliance, assistance with grant application, data collection, statistical analysis, abstract submission, and final presentation.

Institutional support is present through the Clinical Trials Office and the College of Public Health. Through UNMC, multiple educational and quality improvement projects are underway and IRB exempt.

In the department, there are currently 15 IRB approved research studies, with 10 actively enrolling study subjects. There are three NIH grants in the department totaling more than $4.5 million.

Aspects of TEE, hemodynamics, transplant, simulation, regional anesthesia, chronic pain, critical care, Ebola, trauma, education, and drugs of addiction are just a few of the subject areas for our researchers.

A small sample of the department’s faculty activity for the recent academic year includes:

- 42 articles in peer-reviewed journals
- 89 national and international educational conference presentations
Resident posters presented:

- 2015: 16
- 2016: 17
- 2017: 10
- 2018: 24
- 2019: 24
- Additional resident presentations at MARC, SCCA, SCCM, SPA, SCA, NYPGAA, ASRA
Salary & Benefits

2019-2020 House Officer Annual Salary
Vacation and Leave
Insurance Available
Other Benefits from GME
Other Benefits from the Department
House Officer Agreement
Resident Salary and Benefits

For complete introductory information about resident benefits, we recommend you visit the GME webpage and watch the Benefit Summary Video – top right of GME webpage
www.unmc.edu/com/about/gme

2019 – 2020 House Officer Annual Salary

<table>
<thead>
<tr>
<th>Level</th>
<th>Annual Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOI (CBY)</td>
<td>$58,690</td>
</tr>
<tr>
<td>HOII (CA-1)</td>
<td>$60,863</td>
</tr>
<tr>
<td>HOIII (CA-2)</td>
<td>$63,343</td>
</tr>
<tr>
<td>HOIV (CA-3)</td>
<td>$65,601</td>
</tr>
</tbody>
</table>

Vacation and Leave

- Twenty paid working days per year with a maximum accrual of thirty working days per year.
  » Our department fully supports the new ABA LOA policy as it complies with our institutional policies.

- The ABA only allows 60 days of total absence for vacation or leave of any kind during the Clinical Anesthesia years. Usage of more than 60 days results in residency extension.

- Five days professional leave with pay for approved meetings when resident is presenting.

- Sick leave: six months accrual after two years of employment. Sick leave usage counts toward the 60 day ABA limit.

Insurance Available

- Health/Dental – comprehensive group coverage
- Malpractice – provided for all approved professional and educational activities
- Disability – low rate automatic eligibility coverage available
Other Benefits from GME

• Central House Officer lounge for all specialties
• House Officer Assistance Program
• Exercise room when on-call
• Each resident receives $300 per year for educational development
• Meal allowance for daily lunch use when on campus

Other Benefits from the Department

• Private anesthesiology lounge and call rooms
• Meal allowance for call shifts
• Lab coats provided with free laundering
• Educational development funding ($200 per resident per year CBY, CA-1, CA-2; $700 for CA-3 year)
• Fees paid for:
  » BLS/ACLS certification/recertification
  » Temporary Educational Permit
  » Professional dues: ASA, NSA, IARS
  » ABA In-Training Exam
  » ABA Basic Examination (first attempt only)
  » ABA Advanced Examination (first attempt only)
• Travel expenses for presentations of academic work
• Use of University iPad or other tablet
• Subscriptions to Learnly and TrueLearn, electronic textbooks
THIS AGREEMENT between the Board of Regents of the University of Nebraska, governing body for the University of Nebraska Medical Center College of Medicine (UNMC) and the house officer has been executed and entered into this first day of July, 2018 and shall be effective from July 1, 2018, through and including June 30, 2019. Except as otherwise set forth in this agreement, the benefits, terms, and conditions of employment of the house officer shall be those set forth in the rules and policies covering “other academic staff” as defined in paragraph 3.1.1.2 of the Bylaws of the Board of Regents of the University of Nebraska. House officers should observe the standards of behavior customary in the hospital to which they are assigned. UNMC and the undersigned house officer hereby agree as follows:

1. Acceptance: The house officer wishes to obtain further training in the art and science of medicine. The house officer will enroll in the UNMC College of Medicine as a ____________________________________________

2. Responsibilities: The house officer agrees to obtain and maintain the appropriate Nebraska license or permit to practice medicine while participating in this graduate medical education program. The house officer agrees to participate fully in patient care, and educational programs including the teaching and supervision of the house officers and students. The house officer agrees to adhere to the established practices, procedures, and policies of the institution and to develop a personal program of self-education and professional growth under the guidance of the teaching staff. The UNMC College of Medicine, through its administration and teaching faculty, agrees to use its best efforts to meet or exceed the guidelines relating to house officer education as set forth in the Program Requirements established by the Accreditation Council for Graduate Medical Education and to provide supervision of house officers’ educational experiences. The terms and conditions set forth in this agreement are subject to reasonable rules as established by the accrediting bodies for each training program.

3. Salary: Salary for the academic year beginning July 1, 2019, and ending June 30, 2020, shall be $__________________________________________

4. Determination of Salary Level: House officer salary at the time of appointment is based on the number of prior years of ACGME recognized residency training. Credit towards an advanced house officer level may be given for no more than one year of education outside of the specialty the
house officer is entering and only if the training fulfills board requirements of that specialty. House officers who enter a fellowship position following residency training outside the U.S., will start at the level defined by the minimum prerequisite training for that fellowship, regardless of their years of prior training outside the United States. For the purpose of determining salary level, a chief resident year done after the required training is completed will be counted as a year of training provided the house officer is entering a subspecialty in the same discipline.

5. **Insurance Benefits:** As employees of UNMC, house officers may participate in benefits offered to employees such as health, vision, long-term care, and dental insurance, automatic eligibility disability insurance, term life insurance, supplemental accidental death and dismemberment insurance and reimbursement accounts for health care and dependent care.

6. **Vacations:** The house officer shall have four weeks (twenty working days) of paid vacation per year provided that such vacation days shall not include more than eight weekends. Vacation for house officers employed less than one year will be pro-rated. The maximum vacation that may be accrued is six weeks (30 working days). House Officers are encouraged to use their vacation but in the event that clinical demands prevent it, house officers shall be reimbursed for unused vacation time upon termination of employment. House officers may have up to five days of leave with pay per year for approved professional or educational meetings.

7. **Scheduling Professional Leave or Vacations:** Professional meetings and vacation days must be scheduled to assure coverage in accord with minimum staffing standards of the service to which the house officer is assigned. Vacation and meeting days shall be scheduled by delivering a notice in writing at least 30 days in advance of the beginning of the scheduled rotation to both the house officer’s own program and the service to which the individual is assigned and from which leave is to be taken. Conflicts in scheduling of meetings or vacation days shall be resolved by the Office of Graduate Medical Education. Meeting or vacation days not scheduled in the manner described above may nevertheless be taken if approved in advance by the house officer’s program and by the director of the service to which the individual is then assigned.

8. **Sick Leave:** As employees of UNMC, house officers are eligible for family leave, funeral leave, military leave, sick leave, and civil leave as set forth
in the UNMC Policies. House officers shall accumulate one day sick leave per month for the first two years of employment; thereafter the provisions applicable to full time permanent academic-administrative staff, as set forth in Section 3.4.3.3. of the Bylaws of the Board of Regents of the University of Nebraska, shall apply.

9. **Effect of Leave on Completion of Educational Program:** In some circumstances, the amount of allowable leave may exceed the amount allowed by the program requirements or by the specialty board requirements to receive credit for a full year of training. Thus, additional training may be required to meet certification or program requirements, as outlined in your program’s policies, if applicable. Details regarding specialty board availability can be found at the board’s web site and also through a link on the Nebraska GMEC Office website.

10. **Non-Discrimination and Prohibited Harassment:** UNMC promotes equal educational and employment opportunities in an academic and work environment, free from discrimination, and/or harassment. UNMC does not discriminate, based on race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation in its programs, activities, or employment. A detailed policy is contained in the UNMC policies & procedures manual and is reprinted in the Housestaff Manual.

11. **Impaired Physicians and Substance Abuse:** The policy on impaired physicians is provided in the Housestaff Manual.

12. **Accommodation for Disabilities:** The policy on accommodation for disabilities is provided in the Housestaff Manual.

13. **Counseling Services:** Counseling and psychological support assistance are available free of charge. More information is reprinted in the Housestaff Manual.

14. **Professional Activities Outside of the Training Program:** House officers may engage in medical practice outside of their residency program provided such practice does not interfere in any way with the responsibilities, duties, and assignments of the training program and the house officer is in compliance with the following requirements.
To moonlight, the house officer must:

a. Be in the PGY-2 year or above
b. Not be on a J-1 visa
c. Be in good academic standing within their training program
d. Have a full medical license in the state in which they are planning to work

Outside practice (moonlighting or locum tenens) must be approved in advance by the house officer’s program director. The house officer must apply in writing to the program director before the starting date of the outside practice. The director will approve or disapprove the proposed outside practice in writing and the signed statement of permission will be kept in the house officer’s permanent department file and a copy will be kept in the Graduate Medical Education Office. Such approval, once given, shall be withdrawn if it is determined that the outside practice interferes with the responsibilities, duties, or assignments of house officer’s training program. If approval is withdrawn, the house officer shall be notified in writing as soon as possible, but before the effective date of the practice activity. House officers cannot be required to participate in outside practice. Outside practice includes all moonlighting/locum tenens done in affiliated (internal moonlighting) or non-affiliated hospitals or outpatient practice. All outside practice is subject to College of Medicine duty hour policies. The house officer must keep a log of the hours during the outside practice and enter the times into the departmental duty hour record or present the log to the present director.

15. Professional Liability Insurance: UNMC provides professional liability insurance, including tail coverage. This policy covers the house officer while providing patient care either as a part of the training program or as outside medical practice that has been approved according to paragraph 14 above. Details of the malpractice coverage are on the card provided to all new house officers at orientation and also are available at the Graduate Medical Education Office.

16. Call Rooms and On Call Meals: UNMC will ensure that call rooms are provided for house officers assigned to in-house call duty. The facilities so provided shall be approved by the Office of Graduate Medical Education and shall, at a minimum, include bed, bath and toilet facilities, a writing desk, and a phone. Meal allowances will be provided for those house officers required to be in-house overnight at Nebraska Medicine.
17. **Required Off-Campus Training:** When off-campus training within the State of Nebraska is required as part of the training program of any house officer, and conditions require the house officer to reside at a place other than their regular residence, then UNMC shall provide a suitable residence. The residence shall be approved by the Office of Graduate Medical Education and shall provide, at a minimum, a bed, bath and toilet facilities, a writing desk, and a phone. In the event off-campus training is required within the State of Nebraska as part of a house officer’s training program at locations more than 75 miles from the UNMC campus, or for those based at Lincoln, 75 miles from the Family Practice Center, and conditions require the house officer to use a personal vehicle in order to reach such location, then the house officer shall be reimbursed for mileage at the rate provided under current UNMC policy for one round trip to and from the location. This does not preclude reimbursement for other off-campus travel at the discretion of the department or program involved.

18. **Work Environment and Duty Hours:** The policy on work environment and duty hours is in the Housestaff Manual. Accurate reporting of duty hours is important to program planning as well as patient care and safety. Misreporting of duty hours is considered a breach of professional behavior and will affect academic performance evaluation.

19. **Lab Coats and Laundering:** The house officer will be supplied with four lab coats at the beginning of training unless the house officer is enrolled in either a one or two year program, and then the house officer will be supplied with two coats. Coats are laundered without charge to the house officer.

20. **Committees and Councils:** The house officer agrees to participate in UNMC and Nebraska Medicine committees and councils to which they are appointed or invited.

21. **Grievance Procedures:** House officers who have a grievance regarding terms of this agreement should first attempt to resolve the grievance through their program director and chairman. If a satisfactory solution is not found they may ask the Associate Dean for Graduate Medical Education in conjunction with the Graduate Medical Education Committee to resolve the problem. If this does not produce a satisfactory solution, a house officer grievance committee may be convened.
Membership on the grievance committee shall be appointed by the Dean, College of Medicine, and shall include three house officers and three faculty members. The grievance committee shall have the following powers and duties:

a. To establish its own rules of procedure in accordance with the Bylaws of the Board of Regents.
b. To consider a complaint filed by any house officer alleging any grievance.
c. To seek to settle the grievance by informal methods of adjustment and settlement, either itself or by using the services of any officer or body directed to settle grievances and disputes by mediation, conciliation, or other informal methods.
d. To proceed, if informal methods fail to resolve the matter satisfactorily, in accordance with the following principles:
   1. If the grievance alleges that inadequate consideration was given to relevant matters by the person or body which took the action or made the decision which led to the grievance, the Grievance Committee shall investigate the facts, and, if convinced that inadequate consideration of the relevant matters occurred, state the facts found and the respects in which the consideration was inadequate. The committee may order that the matter be reconsidered by the appropriate person, group, or groups, or recommend that other rectifying actions be taken.
   2. The Grievance Committee shall not substitute its judgment on the merits for that of the person, group or groups which previously considered the decision.
   3. The committee shall not have the authority to modify any of the provisions of this agreement.
   4. The recommendations of the committee shall be reported in writing to the Dean, College of Medicine.

22. Termination: Unsatisfactory academic or professional performance or any other breach of the terms of this agreement or of the Bylaws of the Board of Regents shall be sufficient grounds for termination of this agreement by UNMC. If it is determined by the appropriate dean, director, or department chairman that sufficient grounds exist for termination of this agreement, then written notice shall be given to the house officer specifying the facts constituting grounds for termination and the effective date of termination.
The house officer so notified shall have the right to file an appeal under the house officer appeal procedure described in the Housestaff Manual.

23. **Appeal Procedure:** The parties expressly agree that the house officer appeal procedure referred to in paragraph 22 shall apply to academic failure of a rotation, suspension, termination or nonrenewal prior to completion of the training program, notwithstanding contrary provisions in other policies and procedures of the University relating to termination of employment or academic dismissal.

24. **Appointment and Advancement:** This agreement shall be for the period commencing July 1, 2019 through and including June 30, 2020. Reappointment to succeeding years of training will depend on the house officer’s satisfactory academic and professional performance, the availability of funding, and continuation of the training program. If the appropriate department decides that the house officer’s agreement shall not be renewed prior to the house officer’s completion of the training program, written notice of nonrenewal specifying the reason for nonrenewal shall be given to the house officer. The house officer shall have the right to file an appeal under the house officer appeal procedure.

The house officer must pass USMLE Step 3 or COMLEX Exams or Part II of the Medical Council of Canada Qualifying Exam to advance to the HO III level. For a house officer who does not meet this requirement, the house officer’s program director may apply to the GMEC for a one-time extension of the requirement for a period of 6 months or less. Until the requirement is met, the house officer will not advance to the HO III level. At the end of the extension, if the requirement is not met, the house officer will be dismissed.

25. **Certificate:** A certificate of service will be provided for house officers who leave after twelve months or more of service. The certificate will list only those degrees conferred by educational institutions.

26. **Program Reduction or Closure:** The policy regarding program reduction or closure is contained in the Housestaff Manual.

27. **Restrictive Covenants:** The University of Nebraska Medical Center has no restrictive covenants relative to practice or employment of house officers after completion of postgraduate training.
28. **Image Consent/Release**: I hereby consent and authorize UNMC to take photographs or electronic images of me, and I authorize UNMC to use, reuse, copy, publish, display, exhibit, reproduce, and distribute such information technology in any educational or promotional materials or other forms of media, which may include, but are not limited to University or affiliate hospital publications, catalogs, articles, magazines, recruiting brochures, websites or publications, electronic or otherwise, without notifying me.

All employer rights, powers, discretions, authorities and prerogatives are retained by and shall remain exclusively vested in the Board of Regents of the University of Nebraska and the University of Nebraska Medical Center except as clearly and specifically limited by this agreement.

Executed this ____________ day of ____________ 2019.

__________________________

House Officer

Board of Regents of the University of Nebraska

__________________________

By: Department Chair

__________________________

Associate Dean
Graduate Medical Education
House Officers and Interview Committee  49

Current Chief Residents  49
Fellows  51
Residency Interview Committee  52
House Officers and Interview Committee

2019 – 2020 Chief Residents
Carter Mohnssen, MD
Sean Rajnic, MD

CBY, Class of 2023
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Michael Dancer, MD
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Residency Interview Committee

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Kaitlyn Pellegrino, MD
Assistant Professor
kaitlyn.pellegrino@unmc.edu
Omaha?

We get it. If you have never been to Omaha, and aren’t from the area, maybe you wonder what’s so special about Omaha. When you say the name of this great city, do you find yourself adding a question mark? Many people do. Maybe you looked at a map to find where UNMC and Omaha are located before coming to visit. If you aren’t familiar with Omaha, you probably questioned what there is to do in Omaha and what you would find once you arrived.

Even if you are from the Midwest, you may have been so busy studying that you haven’t had time to explore or can’t remember everything the city has to offer.

If you find yourself in either of these situations, or you are merely curious, we have included a Visit Omaha booklet in your “Welcome” bag. We also encourage you to talk with people who live here. We invite you to visit the many websites associated with Omaha and UNMC; a few are listed below.

As you choose a residency, we believe where you are going to live should be an important consideration as you make your decision. An ideal place to start your career, Omaha has plenty to offer - from four seasons with clean air and more than 300 days of sunshine per year, to a multitude of outdoor and indoor activities, amazing restaurants, easy commuting, low cost of living, a stable economy with low unemployment, great schools, and by all means friendly citizens.
Omaha? Yes, Omaha. It’s a great place to call home.

- Metro Population: 916,000
- Major industries: Banking, Insurance, Telecommunications
- Gross Metro Product: $53.9B
- Median Household Income: $60,566
- Median Home Price: $166,200
- Unemployment: 3.2%
- Job Growth: 1.5%
- Cost of Living: 6.1% below national average
- College Attainment: 34.7%
- Average Commute: 20 minutes
- Forbes Lists: #46 Best Places for Business and Careers (Source: Forbes 2016)

To learn more about life in Omaha, here are a few suggestions:

- visitomaha.com
- omaha.com
- Omaha Chamber of Commerce omahachamber.org
- Henry Doorly Zoo, IMAX Theater, Simmons Conservation Park & Safar omahazoo.com
- Offutt Air Force Base and Strategic Air Command
- Excellent schools
  - Millard Public Schools mpsomaha.org
  - Omaha Public Schools ops.org
  - Westside Community Schools westside66.org
- Omaha Children’s Museum
- Eugene T. Mahoney State Park
- Strategic Air & Space Museum
- Opera Omaha, Omaha Community Playhouse, Omaha Symphony, Omaha Performing Arts
Frequently Asked Questions

Do you allow residents to moonlight?
Yes. However, moonlighting is strongly discouraged as learning anesthesiology is a very big responsibility. The Program Director, the Clinical Competency Committee, and the Office of GME will approve moonlighting on a case-by-case basis after review.

What do your residents do after graduation?
For the last five years, our graduates pursued the following after graduation:

- 2014 grads: 7 fellowships, 6 private practice
- 2015 grads: 5 fellowships, 3 faculty, 4 private practice
- 2016 grads: 6 fellowships, 1 faculty, 5 private practice
- 2017 grads: 7 fellowships, 1 faculty, 3 private practice
- 2018 grads: 5 fellowships, 3 faculty, 4 private practice
- 2019 grads: 5 fellowships, 2 faculty; 5 private practice

How do you prepare residents for “boards”?
Recognizing that there are many different ways of studying and learning, we support our house staff through ensuring an abundance of resources are available. We continuously assess our residents’ learning preferences and modify our program to meet their needs. We provide Basic and Advanced content, practice questions regularly mentored by faculty, daily case presentations between residents and faculty, formal case conference discussions.

All residents take the ABA In-Training exam. We have structured practice oral exam practice sessions, simulations, and OSCEs. We have ABA Oral Board examiners on faculty.

What is the program’s Board Pass rate?
For the ABA’s Basic Exam, our program’s first time pass rate is 93%. For second-time examinees, the pass rate is 100%. Our overall board pass rate for graduating resident classes 2013-2017 is 98%.
We hope you enjoyed your visit.