A MESSAGE FROM THE ANESTHESIOLOGIST-IN-CHIEF:

2017, A YEAR OF OVERCOMING ADVERSITY AND GAINING MOMENTUM ON STRATEGIC PRIORITIES

We will not soon forget 2017, a year marked by continued growth, departmental and organizational changes, natural disasters, and a World Series win for the Houston Astros. Mark Wallace described the Texas Children’s community as “sturdy” after Hurricane Harvey, not just strong in the moment but enduring over time and throughout any challenge. To me this term perfectly fits our department. I am honored to work next to a team that faces everyday challenges with a passion to serve our patients, a dedication to superior clinical practice, and a respect for our partners across the organization. To this end, I would like to thank and acknowledge the dedication of the faculty, staff, and leadership that made it possible to shine through the growth, change, and challenge of 2017.

In 2017, the Department recruited a total of 17 new faculty: 5 MDs and 12 CRNAs. This brings our total clinical faculty count to 78 Anesthesiologists, 39 CRNAs, 2 Sedationists, and 1 PhD Pain Psychologist. In addition, April 2017 marked the successful opening of The Woodlands Campus with 7 anesthetizing locations. With this expansion, we now support 57 anesthetizing locations every day across the TCH system. Over the past 12 months, the Department performed over 45,000 anesthetics, an increase of 7% over the previous 12 months; we are expecting continued growth in 2018 with the opening of the Legacy Tower over the summer months. To meet the demand of the Legacy Tower expansion, the department is recruiting 4 Anesthesiologists and will name a director to oversee the clinical operations of the tower.

The past year also brought leadership and faculty changes both within our department and across the broader organization. In early 2017, the department underwent a transition of several of our top physician leadership roles. I want to take a moment to thank Drs. Steve Stayer and Thomas Shaw for their years of leadership and service. They laid a strong foundation focused on providing excellent clinical care and worked to strengthen the community of the department during a time of accelerated growth. The department also experienced the departure of two long-tenured members of our faculty, Nancy Glass, MD and Sudha Bidani, MD. Drs. Glass and Bidani are yet another example of the hard work, passion, and guiding principles that have shaped our department.

As I look to 2018, my priorities of this department are focused on initiatives that expand our ability to provide further patient focused care. The grand opening of the Legacy Tower, evolving the Pain Service and its strategic plan for growth, and advocating for enhanced patient care coordination through our very own PASS Clinic. I am proud of the enriched clinical service this department provides to our patients and families and am honored to lead us through this upcoming year of new challenges.
The Department of Anesthesiology lost a dear friend and colleague on March 3, 2018 with the passing of former chief of Pediatric Anesthesiology Dr. Burdett S. Dunbar. Each of us not only grieves the passing of a tremendous individual, but also for the loss his family suffers.

Dr. Dunbar received his Bachelor of Science and medical degrees from the University of Illinois, Chicago. He then served his residency in anesthesiology at the Hospital of the University of Pennsylvania from 1964-66, training under the great Chairman Dr. Robert Dunning Dripps. During his residency he also trained under Dr. John J. Downes at the Children’s Hospital of Philadelphia (CHOP). Downes founded the first Pediatric Intensive Care Unit in North America and later became anesthesiologist-in-chief at CHOP.

After residency, Dr. Dunbar completed a research fellowship at the National Institutes of Health in the Departments of Anesthesiology and Physiology from 1966 to 1967. As one of the first such fellows ever trained, Dr. Dunbar published several landmark articles on the effect of anesthetic agents on ventilation. Dr. Dunbar then spent two years as a Captain in the U.S. Air Force at Wilford Hall USAF Hospital in San Antonio, and then another two years as assistant professor of anesthesiology at the University of Chicago, where he was recruited by his friend Dr. Burt Epstein to the Children’s National Medical Center in Washington D.C. in 1971.

During his 15 years at Children’s National, Dr. Dunbar was promoted to full professor and served as associate chairman and acting chairman. He moved to Houston in 1986 and served as professor of anesthesiology at the University of Texas, Houston, and was on the attending staff at Hermann Hospital until 1989. He then was recruited to Baylor College of Medicine and Texas Children’s Hospital by Dr. Ralph Feigin for the purpose of developing an academic pediatric anesthesiology service and department. He did a magnificent job doing just that, starting with three Baylor anesthesiologists including Drs. Nancy Glass and Melanie Alo, and developing a first-class service by growing and developing clinical and academic programs.

Dr. Dunbar earned a high scholarly distinction and a national reputation as the head of our service, and re-established an academic pediatric anesthesiology service at Texas Children’s Hospital, which had been entirely a private practice from 1974 to 1989. The three Baylor faculty grew to over 20 by the time he stepped down as chief in 2004. This paved the way for the current all-Baylor/Texas Children’s Hospital Pediatric Anesthesiology, Perioperative and Pain Medicine faculty of over 80 physicians and 39 pediatric certified registered nurse anesthetists.

Under Dr. Dunbar’s leadership the research and academic activities of Texas Children’s...
Hospital Department of Anesthesiology grew exponentially, with hundreds of national research and educational presentations, dozens of publications, and a major national textbook in pediatric anesthesiology. The number of anesthesia cases at Texas Children’s Hospital grew from about 10,000 annually to over 20,000 under his leadership. He recruited many anesthesiologists, including Drs. Dean Andropoulos and Steve Stayer. It was his unwavering support and encouragement that caused Andropoulos to move to Texas Children’s Hospital in 1997 and his continued advice and support that allowed the re-development of the Pediatric Cardiovascular Anesthesiology at Baylor and Texas Children’s Hospital.

Dr. Dunbar was successful twice at developing leading academic departments of pediatric anesthesiology, at Children’s National Medical Center and at Texas Children’s Hospital. He became an internationally recognized expert and leader in pediatric anesthesiology. In addition, from 1999 to 2003 Dr. Dunbar was the interim chairman of the Department of Anesthesiology at Baylor College of Medicine, where he did an excellent job recruiting and retaining clinical and research faculty on both the pediatric and adult anesthesiology services at the Baylor hospitals.

In his capacity at that time as chief of anesthesia at the Methodist Hospital, he created for the first time, a surgical intensive care unit, and recruited six intensive care anesthesiologists to direct and staff that unit. He was also vice chair of the Department of Anesthesiology at Baylor from 1998 to 1999. Dr. Dunbar was a nationally recognized authority in the history of anesthesiology and in 2002 was named a Fellow of the Wood Library Museum, which is the American Society of Anesthesiologists’ archive of the history of anesthesiology and a very high honor. He also served for 20 years as an oral board examiner for the American Board of Anesthesiology. He was very active in the leadership of the International Standards Organization, which establishes standard designs for critical medical, anesthetic, and respiratory equipment worldwide. Dr. Dunbar lectured extensively all over the world and served in a number of leadership positions in the American Society of Anesthesiologists and Texas Society of Anesthesiologists. He also had extensive leadership and committee service at Texas Children’s Hospital and Baylor College of Medicine.

Upon stepping down as chief at Texas Children’s Hospital, Dr. Dunbar on many occasions gave the pediatric anesthesiology leadership valuable counsel and advice, as well as unwavering support. Dr. Dunbar was honored in 2010 when Pediatric Anesthesiology dedicated its library and conference room in his name, as a daily reminder of his contributions to Texas Children’s Hospital. Dr. Dunbar retired in January 2011 and was then named Emeritus Professor, attending many department meetings and functions. In 2017, a portrait honoring his tenure as chief of anesthesiology was commissioned and hangs on the third floor of West Tower outside of the Main Operating Rooms.

Dr. Dunbar is survived by his wonderful wife Kathie Empuscha Dunbar, B.S., R.N., who was an operating room nurse at Texas Children’s for many years. He had four children, six grandchildren, and one great-granddaughter. Dr. Dunbar will be greatly missed, and we recognize him for his innumerable contributions to Texas Children’s Anesthesiology, the hospital, and Baylor College of Medicine.
ADMINISTRATIVE HIGHLIGHTS FROM 2017

From Kelly Crumley, MBA, MHA, Practice Administrator

This was an incredible year of change for the Department of Anesthesiology! To highlight a few stand-out accomplishments: a governance restructure, new Pay-for-Performance incentive, billing transition, new electronic reporting for performance and quality, new recruited faculty, expansion in Pain, PASS, and Anesthesia Support services, etc. Key words describing our 2017 year are “restructure”, “new”, and “expansion.” An exciting time for Anesthesia at TCH.

To expand on a couple of these initiatives, the Department prioritized its ability to measure, communicate, and reward productivity and performance. The Faculty Scorecard was developed by Dr. Thomas Shaw and Alex Wasserman to provide timely feedback across academic, clinical, and quality metrics. These refined metrics were then tied to the new department incentive plan that expanded the prior quality-focused program to further include clinical and academic components. The intention was to allow faculty to choose how they devote their effort and time to develop their careers, while also aligning with the department’s priorities.

The 2017 also year began with the announcement of clinical leadership changes (see below). The strong partnership between administration and clinical leadership is critical for our success and I am proud to say that the leadership team continues to provide great support.

In March, Dr. Emad Mossad accepted the role of Associate Anesthesiologist-In-Chief of Clinical Affairs. In this role, Dr. Mossad has formal oversight for all aspects of clinical care delivery across all divisions and campuses. His focus is coordinating and improving all aspects of care in our increasingly complex system, including oversight of safety, quality, patient experience, staffing, and efficiency. He remains the Chief of the Division of CV Anesthesiology.

Dr. Chris Glover accepted the role of Medical Director of Perioperative Services. Due to the growth of anesthesia services, the decision was made to create a separate role to focus on operational issues and deliver the highest quality care, particularly on Main Campus as the Legacy Tower opens in 2018. He remains the Chief of the Division of Community Anesthesiology.

Dr. Olutoyin Olutoye accepted the role of Chief of the Division of General Anesthesiology. He directly supervises 40+ faculty in the General Division and oversees faculty development and mentorship for the division.
EXECUTIVE UPDATE
From H. Mallory Caldwell, Senior Vice President

One of the things that I think really sets apart the winners from the rest is how effectively they build and work as teams.

At our house, it is high school basketball season. Although it is sometimes hard for me to believe, I was struck recently by the fact that I have now been watching high school basketball for decades. The years afford perspective.

Over the years, I have known some high schools with outstanding, superstar players. And in high school, one really great player can make a huge difference to the season record. Forget running plays... just get the ball to the star and let them do their thing. These teams — these superstars — were fun to watch. They are great memories.

But the teams that I admire are the ones that rely on 5, 8 or even 10 “solid” players — and their wins don’t come from one ball hog — they deliver success by how they work as a team. Each player has a defined role. They run plays. They are patient and methodical and resilient. And they win (or lose) as a whole. When it works, this is a thing of beauty. It has gravitas. And, as I’ve seen over and over — a highly functioning team is better than the showboat single player time and time again.

In the “real” world (beyond high school sports)...team becomes even more important. And there are simply fewer and fewer places where a single superstar wins.

As I reflect on 2017, I see the makings of a great team in Texas Children’s Department of Anesthesiology. My hope for the department in 2018 is that you harness the power of that team in a very deliberate way. I know you can be unstoppable.

ANESTHESIA SUPPORT SERVICES
2017 HIGHLIGHTS

The Department of Anesthesiology, Perioperative Services and Pain Medicine acquired the Anesthesia Support Services team in October 2016. Since that time and under the leadership of Judy Almaguer-Bravo, the team has grown in number and expanded services across our Main Campus anesthetizing locations. In 2017, the group on-boarded 5 new anesthesia technicians, Rickey Broussard (CV), LaKeisha Cofield, Rhonda Mitchell (CV), Jose Garcia, and Johnny Rivera. The increase in staffing has allowed the team to expand coverage to the Mark Wallace Tower and to the Pavilion for Women Pediatric Radiology Suite through the evening. In addition, Andre Sowell has moved to a weekend shift position allowing coverage to Pediatric Radiology on Saturday and Sunday.

2018 will be another year of growth as we look to the opening of the Legacy Tower. We look forward to working with Judy and her team to ensure appropriate coverage for our anesthesia providers and quality care for our patients.
Since the doors to The Woodlands Campus of Texas Children’s Hospital opened on April 4, 2017, the Section of Perioperative Services has led the charge in providing safe, efficient, and compassionate care to pediatric patients. The Department of Anesthesiology has been the source of guidance during the rapid growth the hospital has experienced. In its first year of operations, the Woodlands Campus is slated to perform over 5,000 surgical anesthetics with room utilization on the campus in excess of 65%.

Additionally, when our city faced one of its worst natural disasters in recent times, the Woodlands Campus of Texas Children’s Hospital was able to continue operations and provide an outlet for patients that could not otherwise given the conditions. During Hurricane Harvey, our anesthesiology team ensured uninterrupted perioperative medical services.

Education programs are also a focus for the Woodlands Campus with the creation of simulation and airway skills programs for non-anesthesia trainees. To date, our airway training program has evolved to include not only the kangaroo crew, but advanced practice providers from the neonatal and pediatric intensive care areas as well as faculty from the Emergency Center and the Intensive Care Units.

The combined mission of our enterprise (clinical/academic/teaching) can be summed up by the feedback received from one of surgical colleagues:

“Not only were the staff highly efficient, but patient care was excellent and the flow was extremely smooth. The teams focused on family centric care and I received great feedback from parents! Moreover, everyone had a great positive attitude and pitched in and helped each other. Thank you for creating such an amazing place to work and patient care that couldn’t be better anywhere else! Congratulations!”

As the acuity of the patient population increases and surgical case volumes continue their growth trajectory, the Department of Anesthesiology will continue to partner across medical and surgical specialties to help ensure safe care for patients requiring sedation services, both in the operating rooms and throughout the hospital.
DEPARTMENT RECEIVES ASA/ABA MOCA SIMULATION PROGRAM ENDORSEMENT

We are excited to share that, under the leadership of Dr. David Young, the Anesthesiology Simulation Team recently received Endorsement by the American Society of Anesthesiologists (ASA) to offer Maintenance of Certification in Anesthesiology (MOCA®) simulation courses. We are now part of the ASA Simulation Education Network (SEN). The SEN is a network of ASA-endorsed simulation programs held in centers across the country to deliver training to anesthesiologists. This Program advocates the promotion of learning through simulation and specifically approves programs of quality in anesthesiology simulation training.

This recognition by the ASA/ABA allows us to provide courses to the public which fulfills the MOCA Part 4 Requirements from the American Board of Anesthesiology (ABA). Currently, we will be one of only two national programs (out of 48 simulation centers nationally that have received any Endorsement) that offer a program specializing in pediatric anesthesia. Our ABA/ASA Endorsed MOCA Simulation Course fulfills all of the MOCA 2.0 Part 4 requirements as well as providing 6.5 CME credits AND 2 hours of Ethics credits for the Texas Medical Board. In addition, the Part 4 and CME credits will be directly reported to the ABA. Future plans for this Program include offering courses approximately quarterly on the weekends.

ANESTHESIOLOGY PLAYS VITAL ROLE IN CONJOINED TWIN SEPARATION

In January 2018, Texas Children’s successfully performed a thoracopagus conjoined twin separation, giving identical twin girls Anna Grace and Hope Elizabeth Richards the opportunity for a new life. This is the fourth conjoined twin separation performed at Texas Children’s Hospital.

The 7-hour procedure was performed by a multidisciplinary team of surgeons, anesthesiologists, cardiologists and nurses from eight specialties. To prepare for the separation, medical staff used extensive imaging with ultrasound, echocardiography, CAT scans, magnetic resonance (MRI) and a virtual 3-D model of the girls’ anatomy. Closer to the surgery date, the medical team participated in a lengthy simulation of the separation.

“With nearly 75 members from various disciplines and extensive planning and preparation, the day went smoothly and the procedure was successfully completed in record time,” said Dr. Emad Mossad, Associate Anesthesiologist-In-Chief. “I am proud of our team and look forward to the multidisciplinary procedures we will continue to do in the new Legacy Tower soon.”

Pictured: Drs. Julie Schackman, Eugene Chung, Stephen Stayer, Premal Trivedi, Kenneth Wayman and Emad Mossad
DEPARTMENT LEADS WITH PROMPT ACTION FOLLOWING FDA SAFETY ANNOUNCEMENT REGARDING ANESTHESIA AND YOUNG CHILDREN.

In December 2016, the U.S. Food and Drug Administration (FDA) published a Safety Announcement regarding the long-term effects of anesthesia in children under the age of 3 and pregnant women. The warning states that a single short exposure to anesthesia appears to be safe and there is some evidence that prolonged or repeated exposures could have negative effects on behavior and learning in children under the age of 3; however more research is needed.

In January 2017, Dean B. Andropoulos, MD, formed a FDA task force with leaders from Anesthesiology, as well as leaders in the Departments of Surgery, Pediatrics, Radiology, Marketing, and Risk Management. In addition, he authored a perspective article in the New England Journal of Medicine with Dr. Michael Greene titled “Anesthesia and Developing Brains — Implications of the FDA Warning.” The hospital task force followed the FDA’s recommendation that a discussion take place between the parents, surgeon, anesthesiologist, and any other physicians on the team about the anesthesia plan and duration of the anesthetics and then assess whether the procedure should be delayed until the patient is over 3 years of age.

In collaboration with the FDA task force, the Anesthesia Department created and distributed educational tools and talking points for all Texas Children’s Hospital and Texas Children’s Pediatrics faculty. Family education materials were also developed and incorporated into operational workflows for distribution at all Texas Children’s campuses. All materials were made available in English and Spanish. To help communicate our efforts throughout the organization, Dr. Andropoulos also held lectures on this topic at Surgery, Neurology, and Pediatric Grand Rounds. The year ended with an update of the state-mandated anesthesia consent form adding language regarding the FDA safety announcement which has been implemented throughout Texas Children’s.

2017-2018 UPDATE FROM INTERNAL PROMOTIONS COMMITTEE

From R. Blaine Easley, MD, Associate Anesthesiologist-in-Chief of Academic Affairs

In 2014, the Pediatric Anesthesiology Internal Promotions committee was formed to educate and help interested faculty prepare to enter the BCM promotion process. The committee members—who rank Associate Professor or above—advise the Anesthesiologist-in-Chief (AIC) who then decides on the faculty member’s readiness for promotion. The AIC office is selecting 3 faculty to serve on the committee and new members will be announced in March 2018. Current members of the internal promotion committee are: R. Blaine Easley, MD (chair), Carlos Campos, MD, Helena Karlberg, MD, Wanda Miller-Hance, Emad Mossad, MD, Olutoyin Olutoye, MD, Steve Stayer, MD, Mehernoor Watcha, MD; Past-members: Nancy Glass, MD and Laura Torres, MD.

Over the past 3 years, the committee has helped prepare 12 faculty members for entry into the BCM promotion process. In the Department of Pediatric Anesthesiology, the average duration of time before promotion from Assistant Professor to Associate Professor is 7 years, and to Professor is 10 years. The majority of Pediatric
Anesthesiology faculty have been promoted for their accomplishments as clinician-educators under the standard pathway.

**Standard Pathways: Research, Education, Patient Care**

**TENURE AND NON-TENURED TRACKS**

- Faculty demonstrate excellence in a primary mission area, and solid performance in a second area.
- At least two areas are required for advancement on both the tenure track and non-tenure track, and faculty are evaluated holistically on the entirety of their contributions.
- Tenured appointments and promotions require higher levels of scholarship, independent work or funding, and regional, national or international reputation (depending on rank and mission area); evidence of appropriate funding is a requirement for advancement with research as the primary area.

**Single Mission Pathway: Patient Care**

**NON-TENURE TRACK ONLY**

- Clinicians who are >80% FTE clinical effort are eligible to use additional achievements related to patient care, in lieu of the second area required for Standard Pathways.
- Faculty members on this pathway should demonstrate excellence in a clinical domain with high levels of professionalism and exemplary patient care productivity.
- This pathway does not require contributions to the education or research missions; instead there is an expectation of significant other achievements in at least one of four areas: leadership, clinical expertise and reputation, healthcare quality and patient safety, and business development or influencing clinical practice.

In 2017, the BCM Senate approved additional pathways for promotion, including those for physicians and non-physician faculty (i.e. CRNA) on a single mission pathway for Patient Care. For all clinical faculty, contributions to the BCM missions of Excellence in Patient Care, Healthcare Quality Improvement, and Innovations in Commercialization and Device Development have been added. BCM has provided information on these new pathways (https://tinyurl.com/bcnpathways). The internal promotions committee is working with BCM to determine the scope and types of activities typical of Pediatric Anesthesiology faculty and how these will relate to the BCM missions. Once specific examples are determined they will be announced and provided on the Departmental drive for review. For non-physician faculty (including CRNA), criteria are being established and will also be provided on the Departmental drive. Of note, all academic promotions require some evidence of scholarly activities and achievement. Here are some general examples.

### OTHER REQUIREMENTS FOR ACADEMIC PROMOTION

**Scholarship:** Scholarship is an expectation on Standard Pathways (education, patient care and research) and is helpful, but not required, on the Single Mission Pathway for Patient Care. Scholarship is defined as intellectual work that is validated by peers and communicated beyond the institution, such as the following.

- Published works in scholarly journals and textbooks
- Production and dissemination of enduring, high-quality educational materials
- Development of new technologies, methods, or materials
- Synthesis of information leading to new insights
- Quality improvement and patient safety projects with outcomes or clinical practice guidelines
- Research or clinically related business development

**Service:** Internal and external service contributions are expected of all faculty members, and are important considerations on all pathways. Examples include service on departmental or institutional committees, committee membership or leadership in regional or national organizations and agencies, or community service. Higher levels of service and service leadership are expected at the ranks of associate professor and professor.

**Education Portfolio:** Required for the ranks of Associate Professor (tenured), Professor (non-tenured) and Professor (tenured), and is recommended for other faculty members with significant educational contributions.

**Patient Care Portfolio:** Required for the Single Mission Pathway for Patient Care, and is recommended for other faculty members with significant clinical contributions.

**Peer Review:** Letters attesting to the qualifications and excellence of a candidate for faculty promotion are required from peers at the proposed faculty rank or higher. The letters are solicited by the department chair on behalf of the candidate.

**Publications:** Appointments and promotions to tenured positions require submission of copies of representative publications of the candidate.

At the upcoming Departmental Retreat (April 2018), there will be an optional session in the afternoon to review the BCM promotion process and answer questions about the kinds and types of scholastic and clinical activities that are typical of successful candidates as clinical-educators, clinician-researchers, and the new pathways. In addition, there will be two informational sessions on the application process for the BCM excellence in Education Awards (Norton Rose F&J Award) and BCM Excellence in Clinical Care (STAR award). Please contact rbeasley@texaschildrens.org for more information.
COLLABORATIVE RESEARCH UPDATES

From Ken Brady, MD, Division Chief, Anesthesiology Research

Rapid advances in clinical data collection and the expansion of hospitals participating in national databases has forged a collaboration with researchers and database owners and gatekeepers. The use of existing databases has proven to be quite useful in the time and manpower needed for collection of data for research purposes when much of this information may already exist in a database. Our research team at TCH has leveraged the vast quantities of data existing in the collaborative databases to produce high quality publications and presentations answering important questions in a time efficient manner. Here we highlight some of the anesthetic databases our department contributes to and how some of our faculty, fellows, and staff have combined resources to answer important clinical questions and address outcomes.

› WAKE UP SAFE

Wake Up Safe is a component of the Society for Pediatric Anesthesia with the purpose to improve processes of care and outcomes for newborns, infants, and children in the perioperative environment. The goal of the initiative is to define, measure and improve quality in pediatric anesthesia care through the development of a low-frequency, serious safety events registry of data from partner organizations. The reporting group consists of 32 organizations, including all of the top USNWR Children’s Hospitals. Texas Children’s Hospital has been active with the group since its inception in 2008.

Principal Investigator: Imelda Tjia, MD
TCH Co-Investigators: Michelle Dalton, MD, Toni Felberg, MD, Megha Kanjia, MD, Lauren Lobaugh, MD, Steve Stayer, MD, David Vener, MD, Jeff Widelitz, MD

2017 Highlight: Lauren Lobaugh, MD authored an article, Anesth Analg. 2017 Sep;125(3):936-942. Medication Errors in Pediatric Anesthesia: A Report From the Wake Up Safe Quality Improvement Initiative. The publication was selected as Article of the Month by OpenAnesthesia.org and she was invited to present in August 2017 for the site’s podcast.

› PEDIATRIC REGIONAL ANESTHESIA NETWORK (PRAN)

The Pediatric Regional Anesthesia Network (PRAN) is a collaborative group of institutions and investigators studying the practice, risks and incidence of complications in pediatric regional anesthesia. PRAN was founded in 2007 to study regional anesthetics in infants and children. The group now includes 21 centers and has prospectively accrued data on over 100,000 pediatric regional blocks. PRAN’s goal is to utilize the large multi-center network to create a data repository for research, quality improvement, and benchmarking data.

Principal Investigator: Karla Wyatt, MD
TCH Co-Investigators: Benjamin Lee, MD, Kim Nguyen, MD, Robert Power, MD

2017 Highlight: Under the leadership of Dr. Benjamin Lee and Dr. Nihar Patel, the Department organized a Regional Pain Team in May 2017 to more fully incorporate multimodal analgesia into our practice, decrease opioid use in the peri-operative period, and work more closely with our surgeons and proceduralists. Currently, the team consists of 24 Anesthesiologists, who are also actively involved in regional anesthesia conferences, workshops and clinical research. In 2017, the Department celebrated the success of the 6th Annual TCH Perioperative Ultrasound Workshop, a CME course, which was attended by over 60 faculty and trainees from BCM, TCH, UT-Hermann, UTMB and private practices around the Greater Houston Area. In addition, multiple members of the team served as invited Instructors at regional anesthesia workshops at the American Society of Anesthesiologists and Society of Pediatric Anesthesia Meetings.

› FETAL ANESTHESIA DATABASE

The Fetal Anesthesia Database was conceived in 2014 by Baylor College of Medicine in partnership with University of Leuven, Cincinnati Children’s Hospital and University of California, San Francisco. The purpose of creating the multi-institutional database is to allow investigators the opportunity to pool experiences, compile
a large number of subject cases, identify best practices with regards to peri-operative short and medium term maternal and fetal outcomes, and to better understand the effect of anesthesia on maternal and fetal long term outcomes, including neurological outcomes. Following extensive regulatory approval in line with the US and European guidelines, patient recruitment commenced in earnest in 2017.

**Principal Investigator:** Olutoyin Olutoye, MD

**TCH Co-Investigators:** Arvind Chandrakantan, MD, Priscilla Garcia, MD, Ali Hassanpour, MD, David Mann, MD, Kim Nguyen, MD, Mario Patino, MD, Thomas Shaw, MD, Catherine Seipel, MD, Caitlin Sutton MD, Titilopemi Aina, MD, Erin Williams, MD

**2017 Highlight:** Dr. Olutoye presented an update on the database at the 2017 International Fetal Medicine & Surgery Society in Jackson Hole, Wyoming in October 2017. Collaborators from institutions in the United Kingdom and Singapore are in the onboarding process. To date, 169 patients have been recruited.

The 2018 goal is to expand national and international collaboration and analyze data for the first set of medium term outcomes.

**PEDIATRIC DIFFICULT INTUBATION (PEDI) REGISTRY**

The Pediatric Difficult Intubation (PeDI) Registry was created to provide a mechanism to collect and store clinical practice data related to difficult direct laryngoscopy events in order to augment Quality Improvement activities at the participating sites. The repository provides benchmarking data for participating sites to compare difficult airway management practices. Funding for the registry is provided by The Children’s Hospital of Philadelphia (CHOP) Department of Anesthesiology and Critical Care Medicine. Texas Children’s Hospital has been a member of the cooperative group since 2012.

**Principal Investigator:** Paul Hopkins, MD

**TCH Co-Investigators:** Chris Glover, MD, Olutoyin Olutoye, MD

**2017 Highlight:** The Pediatric Collaboration published an article, Videolaryngoscopy versus Fiber-optic Intubation through a Supraglottic Airway in Children with a Difficult Airway: An Analysis from the Multicenter Pediatric Difficult Intubation Registry, in Anesthesiology in September 2017. Future analyses and reporting will be facilitated through the automated capture of designated PeDI data points through the ‘Anesthesiology QI’ QlikView application currently in development.

**PEDIATRIC CRANIOFACIAL SURGERY PERIOPERATIVE REGISTRY (PCSPR)**

The Pediatric Craniofacial Collaborative Group (PCCG) established the Pediatric Craniofacial Surgery Perioperative Registry (PCSPR) to elucidate practices and outcomes in children with craniosynostosis undergoing complex cranial vault reconstruction and inform quality improvement efforts. The aim of this study is to determine perioperative management, outcomes, and complications in children undergoing complex cranial vault reconstruction across North America and to delineate salient features of current practices. 30+ institutions, including Texas Children’s Hospital, have contributed data to the registry since it was created in 2012.

**Principal Investigator:** Chris Glover, MD

**TCH Co-Investigators:** Kim Nguyen, MD, Olutoyin Olutoye, MD, Laura Ryan, MD, Mehernoor Watcha, MD

**2017 Highlight:** Dr. Chris Glover was elected to the PCCG Executive Committee in Fall 2017 with an initial term extending through October 2018. In addition, Dr. Glover recently submitted the article, “Perioperative outcomes and management in midface advancement surgery: a multicenter observational study from the PCCG,” for publication in 2018.

**CONGENITAL CARDIAC ANESTHESIA SOCIETY CCAS-STS DATABASE**

In 2009, under the leadership of Dr. David Vener, the Congenital Cardiac Anesthesia Society (CCAS) developed a multisite registry for congenital cardiac anesthesia data to be incorporated into the STS database. Currently, this registry includes information on the anesthetic care of children with CHD from 50 participating institutions in North America, adding approximately 19,000 patient encounters annually with over 100,000 entries to date. Specific data queries of the entire CCAS-STS database are vetted by the Database Committee and then forwarded to the STS. Institutional access to the database is available to each participating institution. Both offer unique opportunities for quality and outcomes information and research.
Principal Investigator: David Vener, MD

2017 Highlight: The CCAS-STS database has been utilized now for multiple publications research projects, including the use of dexmedetomidine in cardiac anesthesia, the relative impact of nasal vs. oral intubation, blood transfusion practices and more. Data from the anesthesia section has also now been incorporated into many surgical research projects and is also helping drive Quality Improvement surveillance and projects around the U.S. Our first international site, Hospital for Sick Children, Toronto, Ontario, enrolled this past year.

Pediatric Sedation Research Consortium (PSRC)

The Pediatric Sedation Research Consortium (PSRC) was created in 2003 through a grant from the National Patient Safety Foundation as the multi-institutional research arm of the Society for Pediatric Sedation (SPS). The PSRC is a collaborative group of institutions, now up to 50 members, dedicated to improving sedation practice through the sharing of prospective observational outcome data on pediatric procedural sedation encounters. Through ongoing data collection and storage, member institutions of the SPS/PSRC can generate current data reports of their institution’s performance as well as contribute to aggregate case data for sedation research. The findings from this data have generated numerous peer reviewed publications and abstracts to challenge dogma, establish enhanced understanding of sedation excellence, and foster optimization of pediatric sedation care.

Principal Investigator: Amber Rogers, MD

TCH Co-Investigators: Krista Preisberga, MD, Laura Torres, MD

2017 Highlight: Texas Children’s Hospital began submitting data to the PSRC in January 2017. In addition, TCH joined 9 other institutions this year to begin an IRB approved prospective pilot study evaluating the adequacy of sedation, temporal characteristics, and adverse events associated with the use of intranasal dexmedetomidine entitled, “Clinical Characteristics of Intranasal Dexmedetomidine for Sedation in Children Undergoing Non-Painful Procedures.”
HURRICANE HARVEY HIGHLIGHTS RESILIENCE OF HOUSTON AND TEXAS CHILDREN’S HOSPITAL

Hurricane Harvey made landfall in Texas on August 25, 2017. Starting Saturday, Houston felt the impact of the storm eventually receiving 50+ inches of rain across the greater metro area. Texas Children’s showed its strength throughout the storm and as the Houston community recovered. Within the Department of Anesthesiology, Perioperative and Pain Medicine, 19 physicians, 11 CRNAs, and 1 Anesthesia Teach served on the Ride-out Teams across the three Texas Children’s campuses. From Saturday to Wednesday, the teams performed 55 OR procedures, 28 Non-OR cases, and provided Main Campus ICU service.

Our department felt the impact of the storm on a personal level as well. Approximately 25% of the department had water damage to their property and many were required to evacuate their homes. Several other faculty members were unable to return to Houston due to airport service interruptions. Dr. Greg Smith, a 2017-2018 Pediatric Anesthesiology Fellow, and his wife, Annie, became a national news headline after their neighbors formed a human chain to help the couple make it to Texas Children’s Hospital for the birth of their daughter, Adrielle.

CRNA Director, Sarah Laqua, found herself taking on a new role during the storm. She and her husband, Travis, used kayaks to rescue a family in need as their neighborhood flooded. They eventually pulled the family and their pets in the kayaks over a mile to meet relatives in a safe area.

Thank you again to everyone that served on the Ride-Out teams at our hospital campuses and to those who served the Houston community outside of our walls. Together we truly are Houston Strong!

Dr. Greg Smith with his wife, Annie, and their daughter, Adrielle

Members of the CV Ride-Out Team

Sarah Laqua, CRNA, pulling a family to safety

View from TCH Miracle Bridge during Hurricane Harvey
The PASS Clinic experienced a year of continued growth and positive exposure across the Texas Children's Hospital system in 2017. The clinic was created in 2011 as a high-risk anesthesiology consult service for medically complex patients needing surgical procedures. The PASS team is led by Medical Director, Nick Carling, MD and APP Assistant Director, Constance Lagrone, NP. PASS Advanced Practice Providers include: Clinical Lead Kristen Wright, Monique Berntsen, Jessica Emerald (Main and West), Kemi Hamed, Amy Eiss, Virginia McWilliams, Bonnie Lanternier, Jacob Edet, Sandra Benavides, and Gloriane Bond (Woodlands). Additional medical leadership for PASS clinic includes Drs. Paul Hopkins, David Mann, Nihar Patel, Laura Ryan, Steve Stayer and Kenneth Wayman. The PASS clinic support team also includes Debbie Rodriguez, RN, and Martha Lopez, MA. Due to the efforts of this dynamic team the clinic has grown volumes 200% since its inception and experienced 15% growth in 2017 alone. The recent growth is in part due to the group’s expansion of access and service to the community hospitals, serving West Campus patients on Wednesdays and Woodlands Campus patients on Mondays.

In addition to volume growth, the PASS team gained positive exposure after Dr. Carling presented at Surgery Grand Rounds in November 2017 and then at the System Leadership Forum in early December. The presentation highlighted the clinic’s ability to help build efficiency, quality, and collaboration into the surgery process of complex patients. Due to the exposure and positive response, the group acquired additional office space in West Tower and anticipates expanding their provider resources in 2018. These changes will allow the group to increase their services to the surgical community and begin broader conversations about expanding the reach to radiology patients and beyond.

PASS Clinic Volume Growth

2017 volumes show a 15% growth over 2016 volumes.

Feb. 2011: PASS Clinic launched
Oct. 2015: PASS MA and RN hired
June 2016: PASS EPIC Go-Live; Full day hours
July 2017: Expansion to Community Campuses
ANESTHESIA QUALITY IMPROVEMENT UPDATE

From Julie Nicholson, RN, BSN and Alex Wasserman, MPH

2017 was a year of technology advancement and efficiency improvement for the Quality Committee. Electronic QI reporting went live in December 2016. This innovative functionality was a collaboration between Anesthesiology and IS, giving providers a way to efficiently report adverse events, errors and systems issues that is seamlessly built-in to their daily EMR workflows. This platform, the first of its kind at TCH, allows the electronic integration of quality and clinical data, while remaining non-discoverable in the medical record. As a result, we saw a 4 fold increase in the number of self-reported events in 2017. The collaboration with IS continues with the development of an Anesthesia QlikView application for real-time analysis and visualization of departmental quality metrics. This data is currently in use to review and trend reported events, as well as to provide accurate data for internal quality initiatives and national registry reporting.

We are also partnering with Epic in the custom development of the Anesthesia Registry, a series of operational reports to better understand anesthesia-driven patient outcomes. We are piloting use of the Registry with the PACU Pain Score Report to trend the frequency and severity of postoperative pain. This dashboard will extract PACU pain scores along with rescue medications administered and will be aggregated by physician, surgical service and ASA score. Historically, this data has been difficult to access, making it underutilized in the improvement of patient care. We anticipate using the Registry in the future to assess incidence of postoperative nausea and vomiting and emergence delirium. We are excited to use this opportunity to assess our practices and improve patient satisfaction.

BOLIVIA “DE CORAZON A CORAZON” MISSION TRIP 2017

From Carlos Campos, MD, Pablo Motta, MD and Eric Vu, MD

The “De Corazon a Corazon” mission trip was developed in 2006 through a partnership between Texas Children’s Hospital (TCH), Memorial Herman Children’s Hospital (MHCH) and la Fundación Incor in Santa Cruz, Bolivia. The mission’s short-term goal is to provide free world-class pediatric cardiac care to children from underserved areas of Santa Cruz. The long-term goal is to develop a local team to perform pediatric cardiovascular care.

TCH, MHCM, and individual donors provide much of the program funding. The pre-mission has two aspects. The first aspect is the patient selection, which is done in coordination with the Bolivian team. Patient inclusion requires low complexity. The second aspect of the pre-mission is the selection of the equipment, materials (e.g. devices), drugs and personnel. The mission trip’s total length is 8 days with 6 surgical/interventional days. The post-mission is a time of reflection to review clinical outcomes.

This year’s mission was particularly challenging since the departing date was in the middle of Hurricane Harvey. Last minute adjustments, including rescheduled flights, a shortened mission trip (5 days) and personnel changes, made the 2017 mission unique. Nevertheless, with the support of Department leadership, we were able to treat 27 patients (between surgeries and catheterizations) and make this mission trip one of the most successful to date!
INITIATIVE TO IMPROVE PROVIDER-TO-PATIENT COMMUNICATION

From Erin Gottlieb, MD, Director of Cardiovascular Clinical Operations

As pediatric anesthesiologists, we have a very short period of time in which to meet a patient and family, discuss the preoperative assessment, provide a plan, and obtain consent for the anesthetic care. During that conversation, we also need to make the patient and/or family feel comfortable with the fact that we are going to take them or their child back to the operating room to do something that is not without risk. I wanted to make myself better at doing this, and I wanted to be able to share the empathy I felt, but did not know how to communicate that. When I heard that Texas Children’s Hospital was embarking on a communication initiative, I knew that I wanted to be part of it.

“The communication tool I use most frequently is asking the family what their concerns are before I start discussing risks of anesthesia so I can tailor the conversation to specifically address their needs.”

–Julie Schackman, MD

Tools from the Breakthrough Communication Workshop can be used to enhance the preoperative conversation, manage unhappy families, and set expectations about anesthetic care. The tools and techniques can also be used to improve communication between providers. For example, the preoperative discussion between the surgeon and the anesthesiologist can be enhanced using workshop tools. This can improve provider satisfaction for both and have a positive effect on patient safety and outcome.

“I thought the class was valuable in that it emphasized the importance of listening and allowing the patient/parent time to communicate his needs and questions.”

–Imelda Tjia, MD

The Breakthrough Communication Workshop was designed and implemented by a team of Texas Children’s Hospital Trainers working with Calvin Chou and Laura Cooley from the Academy of Communication in Healthcare (ACH). The Breakthrough Communication Workshop is designed to give attendees tools to enhance patient and family interactions. The Breakthrough Communication Team began holding workshops for TCH physicians and advanced practice providers in July 2016 at the Main Campus, West Campus, and The Woodlands. To date, 775 TCH physicians and advanced practice providers have been trained. Thirty-three providers from the Department of Pediatric Anesthesiology have been trained. I have been fortunate to be one of the trainers.
PAIN DIVISION UPDATE
From Benjamin H. Lee, MD, MPH, Division Chief - Pain Medicine

With collaboration from hospital executives, we presented a Pain Management Strategy for growth of our services so that we may partner with colleagues throughout the institution to better treat pain in the children and young adults that are served by Texas Children’s Hospital.

As part of this plan, our division is growing. We have hired 2 additional pediatric pain nurse practitioners, Susan Ersig and Ijeoma Ntukogu, and are in the process of recruiting another. We hired a clinic medical assistant, Monica Genera, and are recruiting another pediatric pain psychologist. We have also recruited two additional physical therapists, Nikki Frank and Cassie Cujanek. Drs. Craig Belon and Jeffrey Widelitz have joined our inpatient pain medicine team providing clinical care and fellow and nurse education. Dr. Nihar Patel formed a pediatric regional anesthesia/analgesia service at the TCH Main Campus in May 2017 to promote regional analgesia for children undergoing medical and surgical procedures, to provide education in pediatric regional analgesia/anesthesia for trainees, to help create clinical pathways to promote better analgesia and to reduce the reliance on opioid-based analgesia.

We are working with the Medical Staff Committee to create an institution-wide Pain Management Steering Committee to help to coordinate pain assessment and management efforts throughout the TCH hospital network. Some of these initiatives include evidence-based guidelines for pain management in children, dashboard/analytics to examine pain, and opioid use directives.

As there is such potential for growth and outreach of our pain services throughout the institution, our members are excited about engaging in the growth of clinical care services, education, and clinical research. We look forward to working with colleagues throughout the institution to provide better care for children in pain.

PROPOSED STRATEGY FOR GROWTH

<table>
<thead>
<tr>
<th>Chronic</th>
<th>Acute</th>
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<tbody>
<tr>
<td><strong>Clnlc each week</strong></td>
<td>3 days</td>
</tr>
<tr>
<td>New patients per week</td>
<td>5</td>
</tr>
<tr>
<td>Procedures per week</td>
<td>3</td>
</tr>
<tr>
<td>Average daily census (patients)</td>
<td>8</td>
</tr>
</tbody>
</table>

**Staffing**

- **Chronic**: 1 Full MD/APP IP Team
- **Acute**: 2 Full MD/APP IP Teams

**Recruitment**

- +1 Medical Assistant
- +2 NPs
- +0.75 PT
- +1 Pain Psych
- +1 Practice Manager
- +1 Social Worker
- +1 RN
- +1 PT
- +2 MDs
- +2 NPs
LEGACY TOWER UPDATE: IT’S GAMEDAY!!
From Emad, Mossad, MD, Associate Anesthesiologist-in-Chief of Clinical Affairs

Welcome to 2018 and to the Legacy Tower!
The work is going strong to complete the construction and internal finishes to meet the date of May 22nd for the opening of the lower stack of the new Legacy Tower. As of early 2018, the Welcome Reception area and 6 new Specialty Surgery operating rooms are a reality, and rapidly getting ready for action.

The interior designs, walls, cabinetry and equipment are actively near completion. In addition, work is being done to develop daily work-flows, scheduling and coverage plans and communication lines between teams.

In May, the Tower will open 6 high-acuity operating rooms (Level 8) to service multiple specialties, including: Neurosurgery, Orthopedics, Plastic Surgery, Transplant and General Surgery. The floor will also house an integrated MRI scanner. In addition, Levels 9-12 will open 4 Pediatric ICU floors, subspecialty PICUs, over 80 PICU rooms, and dedicated space for families.

Phase 2 is tentatively scheduled for early Fall 2018. This phase will welcome the new Heart Center (Levels 16-23) with an outpatient clinic, catheterization lab, cardiovascular intensive care unit, four cardiovascular operating rooms and cardiology acute care beds. These floors will also have dedicated space for families.

Finally, Phase 3 is scheduled for Fall 2018 and will open the Helistop on the Legacy Tower rooftop. This addition will allow greater access to Texas Children’s for the most critically-ill patients.

The Department of Anesthesiology plays a critical role in expanding our patient care into this new tower and we are excited for the opportunities that the Legacy Tower will bring to our patients, our department, and Texas Children’s Hospital!
TCH ANESTHESIOLOGY DEPARTMENT RECEPTION
SPA SPRING MEETING

Thank you to those who were in attendance for the TCH Anesthesiology Department Reception held on March 4, 2017 during the SPA Spring Meeting in Austin, TX.
RECOGNITIONS

PROMOTIONS

Nicholas Carling, MD was promoted to Associate Professor in the Department of Anesthesiology, Pediatric Anesthesiology, Perioperative and Pain Medicine.

Priscilla Garcia, MD was promoted to Associate Professor in the Department of Anesthesiology, Pediatric Anesthesiology, Perioperative and Pain Medicine.

Nihar Patel, MD was promoted to Associate Professor in the Department of Anesthesiology, Pediatric Anesthesiology, Perioperative and Pain Medicine.

INSTITUTIONAL AWARDS

Nicholas Carling, MD received the Norton Rose Fulbright Faculty Excellence Award for Teaching and Evaluation, Baylor College of Medicine, Institutional Faculty Awards.

Priscilla Garcia, MD received the Norton Rose Fulbright Faculty Excellence Award for Teaching and Evaluation, Baylor College of Medicine, Institutional Faculty Awards.

Nihar Patel, MD received the Norton Rose Fulbright Faculty Excellence Award for Teaching and Evaluation, Baylor College of Medicine, Institutional Faculty Awards.

Nihar Patel, MD received the Early Career Award for Excellence in Patient Care, Baylor College of Medicine

ADDITIONAL DEPARTMENT RECOGNITIONS

Zoel Quinonez, MD is a recipient of the Texas Children’s Hospital, 2017 Surgical Seed Grant Award. This grant program is funded by the Department of Surgery and allows surgery researchers to generate the preliminary data necessary for National Institutes of Health grant applications and other extramural funding. Dr. Quinonez’ research is titled, “The Impact of Cdk5 Signaling and Tau Phosphorylation in the Development of Anesthetic Neurotoxicity”.

Andrew Lee, BS, MPH. Pediatric Anesthesiology Research Coordinator received the Best Poster award for a poster on Use of the Baxter Faces (BARF) Scale to Measure the Severity of Nausea in Spanish Speaking Children at the 2017 Annual Surgical Research Day on 05/19/2017.

Elisha Peterson, MD was selected by Baylor College of Medicine’s Center of Excellence in Health Equity, Training and Research as a Center of Excellence (COE) Junior Faculty Scholar. As a COE Junior Faculty Scholar she will receive assistance with career preparedness activities, including mentoring and exploring career pathways in academic medicine; health equity research; and didactic training and clinical vignettes associated with cultural competence and health equity.

Lauren Lobaugh, MD’s article was selected as Article of the Month by OpenAnesthesia.org. She was invited to present her article, Anesth Analg. 2017 Sep;125(3):936-942. Medication Errors in Pediatric Anesthesia: A Report From the Wake Up Safe Quality Improvement Initiative. Lobaugh LMY1, Martin LD, Schleelein LE, Tyler DC, Litman RS., on the OpenAnesthesia.org Podcast in August 2017.

Chris Glover, MD received the STAR Award for Excellence in Patient Care, Baylor College of Medicine

David Vener, MD received the STAR Award for Excellence in Patient Care, Baylor College of Medicine

DEPARTMENTAL AWARDS

Carlos Campos, MD received the 2016 -2017 Golden Apple Hall of Fame Award for 10 Times Resident Education Award Recipient and the Chairman’s Award for Excellence in Service and Teaching

R. Blaine Easley, MD receive the 2016-2017 Chairman’s Award for Excellence in Resident and Fellow Education

Rahul Baijal, MD received the 2016 – 2017 Golden Apple Award for Anesthesiology Resident Education

Karla Wyatt, MD received the 2016 -2017 Rising Star Award for Anesthesiology Education

Premal Trivedi, MD received the 2016 -2017 Teacher of a Broken Heart Award for Fellow Education in Pediatric Cardiovascular Operating Rooms

Nihar Patel, MD received the 2016 -2017 Outstanding Fellow Education in Pediatric Pain and Regional Medicine

Caitlin Sutton, MD, was awarded the 2016-2017 Lewis Coveler Award for Outstanding Fellow in Pediatric Anesthesiology
WELLNESS CORNER
LET’S GET MOVING....

Let’s get moving in 2018! The Wellness Committee and BCM wellness have several activities planned for the upcoming year. I will highlight 6:

1. Start your pathway to wellness registering at:
   • Go to the Vitality Website, www.PowerofVitality.com
   • Click on “Register today!”
2. I want to congratulate all the Houston marathon and half-marathon finishers. This year we have the record of fourteen runners from our department. Registration for 2019 is currently open and it will sell out so register early at: https://events.hakuapp.com/events/adb50e4b4a9971330515/registration_options
3. BCM has partnered with Reason2Race® to support you to stay in shape. All The events are Run or Walk. Learn more and register here: http://www.info.reason2race.com/bcmcharitychallenge (Register with your BCM email address)
4. The Getaway to Good Health – Spokane, Washington has just started and you can join from the Power of vitality app or website under the tab Community/Challenges. An average 9,636 steps per day throughout the challenge are needed to complete the 1,379 miles.
5. If you like ridding please join the Team BCM at BP MS 150: http://main.nationalmssociety.org/site/TR?team_id=536380&fr_id=29316&pg=team
6. Finally BCM has a partnership with Eat Fit Go where we get a 10% discount in all Houston locations. You can look at the menu and order at www.eatfitgo.com

The Wellness Committee
Live Well, Work Well, Be Well
Craig Belon, MD, PhD, Assistant Professor
Dr. Belon attended Santa Rosa Junior College in Santa Rosa, California where he earned his Associate of Science Degree in 2001. He continued his education at the University of California in Santa Barbara, California where he graduated with his Bachelor of Science in Chemistry in 2004. Dr. Belon then attended New York Medical College in Valhalla, New York where he received his Medical Doctorate in 2012 as well as his Doctorate of Philosophy Degree, also in 2012. His Thesis is titled “Novel Inhibitors of the Hepatitis C virus NS3 Helicase and Mechanism of Action” and was defended in June, 2010. Dr. Belon completed his Anesthesiology Residency at Columbia University Medical Center, New York Presbyterian Hospital in New York City in 2016. Dr. Belon completed the Pediatric Anesthesiology Fellowship Program at Texas Children’s Hospital in June 2017 and joined the faculty in July of 2017.

Amy Fang, MD, Assistant Professor
Dr. Fang attended the University of British Columbia in Vancouver, British Columbia, Canada where she earned her Bachelor of Applied Science Degree in May 2005. She received her Doctor of Medicine Degree from the University of British Columbia in Vancouver, British Columbia, Canada in May 2010. Dr. Fang completed Anesthesiology Residency at the University of Alberta in Edmonton, Alberta, Canada in June 2015. She continued her education in Pediatric Anesthesiology Fellowship in the Department of Anesthesiology and Critical Care Medicine at the Children’s Hospital of Philadelphia, in Philadelphia, Pennsylvania in June 2016. Dr. Fang graduated from her Pediatric Cardiac Anesthesiology Fellowship Program at Boston Children’s Hospital, Boston in June 2017.

Lauren M. Y. Lobaugh, MD, Assistant Professor
Dr. Lobaugh received her Bachelor of Arts cum laude from the University of Texas, Austin, Texas in 2007. She graduated from University of Texas Houston Medical School with a Doctor of Medicine Degree in 2007. Dr. Lobaugh then completed a Surgery Preliminary Internship at Medstar Washington Hospital Center in Washington, D.C. in 2012 and completed her Anesthesiology Residency at Medstar Georgetown University in Washington, D.C., in 2015. Next she graduated from the Pediatric Anesthesiology Fellowship program at Children’s Hospital of Philadelphia, Philadelphia, PA in 2016. In the Fall of 2017, Dr. Lobaugh was promoted to the faculty rank of Assistant Professor after completing a 12-month Quality Improvement Instructorship with the department.

Ann Ng, MD, Assistant Professor
Dr. Ng attended Washington University in St. Louis, Missouri and graduated with her Bachelor of Arts in Biology degree in May 2008. She then graduated from Baylor College of Medicine with her Doctor of Medicine Degree in May 2012. Dr. Ng completed a Transitional Year Internship at Santa Clara Valley Medicine Center in San Jose, California in June 2013. She continued her training at the Stanford Department of Anesthesiology, Perioperative, and Pain Medicine Anesthesiology Residency Program graduating in June 2016. Dr. Ng completed her Pediatric Anesthesiology Fellowship training at Baylor College of Medicine, Department of Anesthesiology, Pediatric Anesthesiology Section in June 2017.

Brent Schakett, MD, Assistant Professor
Dr. Schakett graduated from the University of Texas at Austin with a Bachelor of Arts in Chemistry in May 2008. He then graduated with his Medical Doctor degree from the University of Texas Medical School at Houston in May 2012. He continued his education as an Anesthesiology Resident at University of Texas Medical School at Houston Department of Anesthesiology in June 2012 and completing the program in June 2016. Dr. Schakett graduated from his Pediatric Anesthesiology Fellowship at Baylor College of Medicine in June 2017.
Caitlin Sutton, MD, Assistant Professor
Dr. Sutton attended the University of Texas at Dallas, Texas where she received her Bachelor of Science Degree with honors in Neuroscience summa cum laude, in 2006. She continued her education at Baylor College of Medicine, Houston, Texas receiving her Doctorate of Medicine Degree with highest honor in 2011. Dr. Sutton then completed an internship at Houston Methodist Hospital in 2012. Dr. Sutton completed her Anesthesiology Residency at Emory University School of Medicine, in Atlanta, Georgia in 2015, where she was chief resident. She continued her training in Obstetric Anesthesiology Fellowship at Stanford University School of Medicine, Lucile Packard Children’s Hospital, Stanford, California, graduating in 2016. Dr. Sutton completed her Pediatric Anesthesiology Fellowship at Baylor College of Medicine in September 2017.

Eric L. Vu, MD, Assistant Professor
Dr. Vu graduated with a Bachelor of Science in Bioengineering from Rice University, Houston, Texas in 2006. He graduated with Honors Magna Cum Laude. He then received his Medical Degree at the University of Texas Medical Branch, Galveston, TX in 2010. Dr. Vu completed an internship and residency in Anesthesiology at Baylor College of Medicine, Houston, TX in 2014. He completed his Pediatric Anesthesiology Fellowship at Texas Children’s Hospital, Houston, TX in 2015. Dr. Vu completed a Pediatric Anesthesiology Research Fellowship at Texas Children’s Hospital, Houston, TX in 2016. In the Fall of 2017, Dr. Vu was promoted to the faculty rank of Assistant Professor after completing a 12-month Pediatric Cardiac Anesthesiology Instructorship with the department.

NEW CRNA FACULTY

Vanessa Arevalo Paul, DNP, CRNA, Instructor
Vanessa received her Bachelor of Science in Nursing from University of Texas at Austin, in Austin, Texas in 2010. She continued her education here at Baylor College of Medicine where she received her Doctor in Nursing Practice Nurse Anesthesia Diploma in December 2016.

Lauren R. Bessner, MSN, CRNA, Instructor
Lauren attended Texas Tech University in Lubbock, Texas while studying pre-nursing courses from 2006 – 2007. She then received her Registered Nurse Diploma from Covenant School of Nursing, Lubbock, Texas in May 2009. Mrs. Bessner received her Bachelor of Science in Nursing from Texas Tech Health Science Center, Lubbock, Texas in December 2010. She recently received her Masters of Science in Nurse Anesthesia from Texas Wesleyan University, Fort Worth, Texas in December 2016.

Courtney M. Carpenter, DNP, CRNA, Instructor
Courtney attended the Southern Methodist University-Dedman School in Dallas, Texas where she received her Bachelor of Arts in Spanish and Psychology in 2008. She then received her Bachelor of Science in Nursing in 2011 from Texas Christian University – Harris College of Nursing & Health Sciences in Fort Worth, Texas in 2011. Ms. Carpenter continued her education at Texas Christian University – Harris College of Nursing & Health Sciences and received her Doctor of Nursing Practice-Anesthesia Program degree in December 2016.

Jennifer Czarny, DNP, CRNA, received her Bachelor of Science in Nursing, Nursing Honors Program from the University of Wisconsin-Madison, in Madison, Wisconsin in 2008. She continued her education at Rush University College of Nursing where she earned her Doctor of Nursing Practice in Nurse Anesthesia in 2016.
Meghan E. Duggan, MSN, CRNA, Instructor
Meghan attended Georgetown University, School of Nursing and Health Studies in Washington, DC from 2006 – 2008. She continued her undergraduate education at Georgia Baptist College of Nursing at Mercer University in Atlanta, Georgia where she received her Bachelor of Science in Nursing in December 2010. Ms. Duggan then received her Master of Science in Nursing with a concentration in Nurse Anesthesia in August 2016 from the University of Tennessee at Chattanooga, in Chattanooga, Tennessee.

Linda E. Genga, MSN, CRNA, Instructor
Linda attended Dallas Community College in Irving, Texas and received her Associate Degree in Nursing in 2006. She continued her education at the University of Texas at Arlington, Arlington, Texas where she received her Bachelor of Science in Nursing degree in 2008. Ms. Genga recently graduated from the Master of Science in Nurse Anesthesia Program at Texas Wesleyan University in December 2016.

Jessica A. Gordon, MSN, CRNA, Instructor
Jessica received her Bachelor of Science in Nursing from Georgia Baptist College of Nursing at Mercer University, Atlanta, Georgia in 2011. She continued her education with her Masters of Science in Nursing, Nurse Anesthesia at Duke University School of Nursing, Durham, North Carolina in 2016.

Anna S. Hollis, DNP, CRNA, Instructor
Anna received her Bachelor of Science in Nursing Degree from the University of Texas, at Austin, in Austin, Texas in May 2010. She continued her education at The University of Texas Health Science Center at Houston where she received her Doctorate of Nursing Practice Degree in May 2017.

Javier Ruiz, RN, MSN, CRNA, attended New Mexico State University where he received his Bachelor of Science in Nursing Degree in May 2001. He continued his education at Union University School of Nursing in Jackson, Tennessee where he earned his Masters of Science in Nursing Administration Degree in December 2005. Mr. Ruiz received his Masters of Science Degree from Union University School of Nursing in August 2010.

Katherine M. Springer, MSN, CRNA, Instructor
Katherine received her Bachelor of Arts Degree in Journalism and Mass Communication from Samford University, Birmingham, Alabama in 2009. She continued her education with a Bachelor of Science in Nursing Degree from Union University in Jackson, Tennessee in 2011. She then attended the University of Tennessee at Chattanooga in Chattanooga, Tennessee where she received her Master of Science in Nursing – Nurse Anesthesia degree in August 2016.

Martha A. Vera, DNP, CRNA, received an Associates of Applied Science in Surgical Technology and an Associates of Arts in Social Science in 2004 from San Jacinto Community College, in Pasadena, Texas. She continued her education at Alvin Community College in Alvin, Texas where she earned an Associates of Applied Science in Nursing in 2008. Ms. Vera then received her Bachelor of Science in Nursing Degree from the University of Texas at Arlington, in Arlington, Texas in 2010. Ms. Vera then received her Doctor of Nursing Practice degree in 2014 from Baylor College of Medicine, Graduate Program in Nurse Anesthesia.

Jason Williams, MSN, CRNA, Instructor
Jason received a Bachelor of Business Administration from Stetson University, DeLand, Florida in 2005. In 2011, received his Bachelor of Science in Nursing from Medical University of South Carolina in Charleston, South Carolina. Mr. Williams continued his education at Excela Health School of Anesthesia, Latrobe, Pennsylvania and received his Masters of Science in Nursing Anesthesia in December 2016.
Monica Chen, MD, recently completed an Anesthesiology Residency at the University of California, San Francisco. She received her undergraduate Bachelor of Arts degree, Double Major in Economics and Molecular and Cellular Biology, from the University of California, Berkeley and entered the University of Texas Medical School at Houston receiving her MD degree.

Eugene Chung, DO, recently completed an Anesthesiology Residency at University of Texas Southwestern Medical Center. Dr. Chung completed a Pediatric Critical Care Fellowship at University of Texas Southwestern Medical Center and completed a Pediatric Residency with San Antonio Uniformed Services Health Education Consortium. He received his undergraduate degree with a Bachelor of Arts in Biology at the University of Texas in Austin and his Doctor of Osteopathic Medicine (DO) degree from the University of North Texas Health Science Center Texas - College of Osteopathic Medicine.

Souhail Karram, MD, recently completed an Anesthesiology Residency at Baylor College of Medicine. He received his undergraduate degree with a Bachelor of Science in Biology from Florida Atlantic University and entered Florida State University College of Medicine receiving his MD degree.

Perry Little, MD, recently completed an Anesthesiology Residency at the University of Texas Health Science Center at Houston. He received his undergraduate degree with a Bachelor of Science in Biological Sciences from North Carolina State University and entered St. George’s University School of Medicine receiving his MD degree.

Julie Schackman, MD, recently completed an Anesthesiology Residency at Baylor College of Medicine. She received her undergraduate degree with a Bachelor of Arts, Department of Liberal Arts from the University of Texas of Austin and entered the University of Texas School of Medicine at San Antonio receiving her MD degree.

Gregory Smith, MD, recently completed an Anesthesiology Residency at the University of Virginia School of Medicine. He received his Bachelor of Arts in Biology at the University of Montana and then earned his medical degree at the University of Colorado School of Medicine.

Patrick Smollen, MD, recently completed an Anesthesiology, Perioperative Care and Pain Medicine Residency at New York University Langone Medical Center. He received his Bachelor of Science Pure Mathematics, a Bachelor of Arts in Spanish Language and Literature and Bachelor in Arts in Chemistry at Southern Methodist University in Dallas. Dr. Smollen received his medical degree at Baylor College of Medicine.

Anthony Zapata, MD is completing a Cardiovascular Pediatric Anesthesiology Fellowship. Prior to beginning his current training program, he completed a Pediatric Anesthesiology Fellowship at Children’s National Medical Center in Washington, DC and his Anesthesiology Residency at Baylor College of Medicine. Dr. Zapata received his undergraduate degree with a Bachelor of Science in Biology with a minor in Chemistry at The University of Texas Pan American and received his Medical Degree from Baylor College of Medicine.
Department of Anesthesiology Resident and Fellowship Graduation Ceremony was June 17, 2017, at River Oaks Country Club and the Pediatric Anesthesiology Fellowship Farewell Ceremony was June 22, 2017, at Papasito’s Cantina. Congratulations to everyone! The department sincerely wishes its graduates the very best on their future endeavors.

2016-2017 Graduates
Craig Belon, Faculty, Texas Children’s Hospital
Yuan-Jiun Nicole Chao, Faculty, Austin Anesthesiology Group
Clint Fuller, Faculty, University of Pittsburgh, Children’s Hospital
Ann Ng, Faculty, Texas Children’s Hospital
Brent Schakett, Faculty, Texas Children’s Hospital
Caitlin Sutton, Faculty, Texas Children’s Hospital

Resident and Fellow Service Awards
Julie Schackman, MD, Pediatric Service Binky Award for Outstanding Resident in Pediatric Anesthesiology
Caitlin Sutton, MD, Lewis A. Coveler, MD Memorial Award for Outstanding Fellow in Pediatric Anesthesiology

Department of Anesthesiology Management Report

February 2017

Progress Toward Goals/Objectives

The Departments of Anesthesiology, Surgery and Critical Care have recently collaborated in an effort to improve communication during pre- and post-operative handoffs of care. The goal is to develop a standardized process for all critical care patients that requires communication amongst all team members. This initiative has the full support of surgical, anesthesia and critical care leadership. Education will be forthcoming, pending the finalization and pilot of the new process.

Presentations/Publications

Amber Rogers, MD presented a lecture titled, “Choice of Anesthetic Technique” at the Pediatric Anesthesia Medical Student Lecture Series on 1/6/2017.
Catherine Seipel, MD presented a problem based learning discussion, titled, “Consent/Assent, Ethics” at the University of Texas – Texas Children’s Hospital Joint Journal Club on 1/16/2017.

Catherine Seipel, MD presented a lecture titled, “Neonatal Surgical Emergencies, Part Two” at the Pediatric Anesthesiology Resident Lecture Series on 1/13/2017.
Catherine Seipel, MD presented a lecture titled, “Tonsillectomy and Trisomy 21” at the Baylor College of Medicine Anesthesiology Grand Rounds: Case Conference on 1/11/2017.
Catherine Seipel, MD presented a lecture titled, “Inhaled and Intravenous Anesthetics” at the Pediatric Anesthesiology Medical Student Lecture Series on 1/9/2017.
David Mann, MD presented a problem based learning discussion titled, “I Don’t Want It - You Can’t Make Me” at the University of Texas – Texas Children’s Hospital Joint Journal Club on 1/16/2017.
David Mann, MD presented a problem based learning discussion titled, “Futility of Futilities - All is Futile” at the University of Texas – Texas Children’s Hospital Joint Journal Club on 1/16/2017.
David Vener, MD presented a lecture titled, “Anesthesia Update” at the Congenital Database Update Conference in Houston, Texas on 1/21/2017.
David Young, MD presented a workshop titled, “In Situ Simulation” at the In Situ Simulation Lecture Series on 1/10/2017, 1/17/2017 and 1/21/2017.
David Young, MD presented a workshop titled, “Fellows Simulation” at the Simulation Lecture Series on 1/24/2017 & 1/25/2017 at the Texas Children’s Hospital Simulation Center.
David Young, MD presented a workshop titled, “Texas Children’s Hospital Pediatric Advanced Life Support” at the Texas Children’s Hospital Pediatric Advanced Life Support Lecture Series on 1/10/2017, 1/17/2017 and 1/21/2017.
David Young, MD presented a lecture titled, “Fulbright Overview” at the Faculty Development Conference on 1/11/2017.

Erin Gottlieb, MD presented a lecture titled, “Rotational Thromboelastometry” at the Pediatric Anesthesiology Conference on 1/31/2017.


Erin Gottlieb, MD presented a lecture titled, “Shone’s Complex” at the Baylor College of Medicine Anesthesiology Grand Rounds” on 1/18/2017.

Erin Gottlieb, MD presented a workshop titled, “Breakthrough Communications” at the Breakthrough Communication Conference at the Texas Children's Hospital Woodlands Campus on 1/12/2017.

Helena Karlberg Hippard, MD presented a two lectures titled, “The Role of Anesthesia in Interventional Radiology Management of Vascular Anomalies” and “Anesthesia and Sedation Outside the Operating Room” at the 9th Anniversary Conference of Vietnam Vascular Anomalies Center at University Hospital, Ho Chi Minh City, Vietnam on 1/15/2017.

Julia Chen, MD presented a problem based learning discussion titled, “Cleft Lip and Palate” at the Pediatric Anesthesiology Lecture Series on 1/6/2017.

Kathleen Chen, MD presented a lecture titled, “Anesthesia for Pediatric Ear, Nose, Throat, and Eye Surgery” at the Pediatric Anesthesiology Medical Student Lecture Series on 1/26/2017.


Kenneth Brady, MD presented a lecture titled, “Systemic Illness in Critically Ill Children: Save the Brain” at the Society for Critical Care Medicine in Hawaii, on 1/25/2017.

Kenneth Wayman, MD presented a lecture titled, “Financial Basics” at the Pediatric Anesthesiology Medical Student Lecture Series on 1/6/2017.

Kenneth Wayman, MD presented a lecture titled, “Anesthetic Positioning and Monitoring” at the Pediatric Anesthesiology Medical Student Lecture Series on 1/5/2017.

Laura Ryan, MD presented a workshop titled, “Basic Airway Management” at the Pediatric Anesthesiology Medical Student Lecture Series on 1/4/2017.

Lisa Caplan, MD presented a simulation lecture titled, “Maintenance of Certification in Anesthesiology Simulation on Post Op Blindness, Transfusion Reaction, and Do Not Resuscitate” at the Texas Children’s Hospital Simulation Center on 1/25/2017.

Lisa Caplan, MD presented a simulation lecture titled, “Maintenance of Certification in Anesthesiology” at the Texas Children’s Hospital Simulation Center on 1/24/2017.

Lisa Caplan, MD presented a problem based learning discussion titled, “Ethics” at the Pediatric Anesthesiology Journal Club on 1/16/2017.

Lisa Caplan, MD presented a lecture titled, “Miscellaneous Cardiac Lesions Jeopardy” at the Pediatric Anesthesiology Journal Club on 1/16/2017.

Lisa Heyden, MD presented a problem based learning discussion titled, “Neonatal Surgical Emergencies” at the Pediatric Anesthesiology Lecture Series on 1/12/2017.


Lisa Heyden, MD presented a lecture titled, “Anesthesia for Pediatric Ophthalmologic Surgery” at the Pediatric Anesthesiology Resident Lecture Series on 1/23/2017.

Pablo Motta, MD presented a lecture titled, “Concussion Evaluation” at the Texas Children’s Outreach Program Conference held at the British International School of Houston on 1/14/2017.

Premal Trivedi, MD presented a workshop titled, “Simulation” at the Texas Children’s Hospital Simulation Lecture Series on 1/24/2017 and 1/25/2017.

Premal Trivedi, MD presented a lecture titled, “Pulmonary Hypertensive Crisis and Arrest in Cath Lab” at the Pediatric Cardiovascular Anesthesiology Conference on 1/26/2017.


Rahul Baijal, MD, presented a problem based lecture discussion titled, “Pheochromocytoma” at the Pediatric Anesthesiology Resident Lecture Series on 1/10/2017.


Titilopemi Aina, MD presented a lecture titled, “Pre-operative Assessment” at the Texas Children’s Global Health Initiative Conference in Malawi, Africa on 1/31/2017.

Titilopemi Aina, MD presented a lecture titled, “Anesthesia for Burn/Trama” at the Texas Children’s Global Health Initiative Conference in Malawi, Africa on 1/27/2017.


Titilopemi Aina, MD presented a lecture titled, “Pediatric Airway” at the Texas Children’s Global Health Initiative Conference in Malawi, Africa on 1/25/2017.

Titilopemi Aina, MD presented a lecture titled, “Pre-anesthesia Evaluation and PACU” at the Pediatric Anesthesiology Medical Student Lecture Series on 1/5/2017.

Wanda C. Miller-Hance, MD presented a panel titled, “Management of Double Outlet Right Ventricle” at the Asociacion Mexicana de Especialistas en Cardiopatias Congenitas, Mexico, D.F. on 1/14/2017.

Wanda C. Miller-Hance, MD presented a lecture titled, “Impact of Transesophageal Echocardiography in the Management of the Postoperative Cardiac Patient in the Intensive Care Unit” at the Asociacion Mexicana de Especialistas en Cardiopatias Congenitas, Mexico, D.F. on 1/14/2017.


William Waldrop, MD presented a workshop titled, “Pediatric Advanced Life Support” for anesthesia providers at the Feinberg Simulation Center on 1/21/2017.

William Waldrop, MD presented a problem based learning discussion titled, “My Lips Are Sealed” at the Pediatric Diagnostic Rounds on 1/17/2017.

March 2017

PRESENTATIONS/PUBLICATIONS


Adam Adler, MD presented a problem based learning discussion titled, “The Pediatric Patient with Sleep Apnea” at the AAP Anesthesia Toolbox Conference, AAP Enduring Material on February 13, 2017.
Adam Adler, MD presented a lecture titled, “Intramuscular Fentanyl and Ketorolac Associated with Superior Pain Control After Pediatric Bilateral Myringotomy and Tube Placement Surgery: A Retrospective Cohort Study” at the Pediatric Anesthesiology Fellows and Faculty Conference on 2/14/2017.

Ali Hassanzadeh, MD presented a lecture titled, “Normal/Abnormal Physical and Psychological Development” at the Pediatric Anesthesiology Resident Lecture Series on February 3, 2017.

Amber Rogers, MD presented a lecture titled, “Choice of Anesthetic Technique” at the Pediatric Anesthesiology Medical Student Lecture Series on February 8, 2017.

Arvind Chandrakantan, MD presented a lecture titled, “Positioning” at the Pediatric Anesthesiology Medical Student Lecture Series on February 1, 2017.

Arvind Chandrakantan, MD presented a lecture titled, “Malignant Hyperthermia” at the Pediatric Anesthesiology Medical Student Lecture Series on February 13, 2017.

Catherine Seipel, MD presented a lecture titled, “Idiopathic Scoliosis in an Adolescent” at the Baylor College of Medicine Senior Seminar Lecture Series on February 14, 2017.

Catherine Seipel, MD presented a lecture titled, “Inhaled and IV Anesthetics” at the Baylor College of Medicine, Medical Student Lecture Series on February 14, 2017.

David Mann, MD presented a lecture titled, “Principles and Practice of an Ethics Consult” at the Ethics Education Subcommittee on February 6, 2017.

David Young, MD presented a workshop titled, “Overcome Obstacles in Interprofessional Education (IPE), In-situ Programming” at the 17th Annual International Meeting on Simulation in Healthcare in Orlando, Florida on February 1, 2017.

David Young, MD presented a workshop titled, “Pediatric Advanced Life Support” at the Texas Children’s Hospital Pediatric Advance Life Support Series on February 8, and 14, 2017.

David Young, MD presented a workshop titled, “In Situ Simulation” at the Texas Children’s Hospital In Situ Simulation Series on February 8 and 22, 2017.

Emad B. Mossad, MD presented a lecture titled, “Coracoid of the Aorta” at the Pediatric Cardiovascular Anesthesiology Conference on February 9, 2017.

Emad B. Mossad, MD presented a lecture titled, “Cardiopulmonary Bypass” at the Texas Heart Institute Fellow’s Lecture Series on February 6, 2017.

Erin Gottlieb, MD presented a workshop titled, “Breakthrough Communication” at the Texas Children’s Hospital Breakthrough Communication Conference on February 23, 2017.

Erin Gottlieb, MD presented a lecture titled, “Williams Syndrome” at the Pediatric Cardiovascular Anesthesiology Conference on February 16, 2017.

Erin Williams, MD presented a lecture titled, “Anesthesia Out of the Operating Room” at the Pediatric Anesthesiology Resident Lecture on February 16, 2017.

Jeffrey Widelitz, MD presented a lecture titled, “Anesthesia and Orthopedic Surgery” at the Pediatric Anesthesiology Resident Lecture Series on February 20, 2017.

Kenneth L. Wayman, MD, presented a lecture titled, “Ambulatory Anesthesia” at Pediatric Anesthesiology Resident Lecture Series on February 17, 2017.


Laura Ryan, MD presented a lecture titled, “The Child with a Difficult Airway” at the Pediatric Anesthesiology Resident Lecture Series on February 10, 2017.

Nihar Patel, MD presented a lecture titled, “Anesthesia for Ear Nose and Throat Procedures” at the Pediatric Anesthesiology Resident Lecture Series on February 27, 2017.

Nihar Patel, MD presented a problem based learning discussion titled, “Pediatric Trauma Oral Board” at the Baylor College of Medicine Senior Seminar Lecture Series on February 21, 2017.

Nihar Patel, MD presented a lecture titled, “Intro to Pediatric Anesthesia I” at the Pediatric Anesthesiology Resident Lecture Series on February 13, 2017.

Pablo Motta, MD presented a lecture titled, “Tendencias en el Manejo Inotrópico en el Paciente Congénito” at the XXXVIII Reunion Anual Guadalajara in Guadalajara, Mexico, on February 2, 2017.

Pablo Motta, MD presented a lecture titled, “Optimización Hemodinámica con Ecografía en Cirugía no Cardíaca” at the XXXVIII Reunion Anual Guadalajara in Guadalajara, Mexico, on February 2, 2017.

Pablo Motta, MD presented a lecture titled, “Evaluación de la Inestabilidad Hemodinámica” at the XXXVIII Reunion Anual Guadalajara in Guadalajara, Mexico, on February 2, 2017.

Premeal Trivedi, MD presented a lecture titled, “Introduction to Critical Care” at the Pediatric Anesthesiology Resident Lecture Series on February 8, 2017.

Premeal Trivedi, MD presented a lecture titled, “Two Wrongs Don’t Make a Right: Perioperative Management of cCTGA” at the Pediatric Cardiovascular Anesthesiology Conference on February 23, 2017.

Priscilla Garcia, MD presented a problem based learning discussion titled, “Neurosurgery in the Pediatric Trauma Patient” at the Pediatric Anesthesiology Resident Lecture Series on February 3, 2017.


Rahul Baijal, MD presented a lecture titled, “Introduction to Pediatric Anesthesiology” at the Pediatric Anesthesiology Resident Lecture Series on February 14, 2017.

Titilopemi Aina, MD presented a lecture titled, “Preop/Post Anesthesia Care Unit” at the Pediatric Anesthesiology Medical Student Lecture Series on February 7, 2017.

Titilopemi Aina, MD presented a lecture titled, “Pediatric Airway” at the Pediatric Anesthesiology Resident Lecture Series on February 2, 2017.

Titilopemi Aina, MD presented a workshop titled, “Mini Airway Workshop” at the Texas Children’s Hospital Global Health Lecture in Malawi, Africa on February 2, 2017.

Titilopemi Aina, MD presented a lecture titled, “Post Anesthesia Care Unit” at the Texas Children’s Hospital Global Health Lecture in Malawi, Africa on February 2, 2017.

Tony Felberg, MD presented a problem based learning discussion titled, “Pediatric Trauma” at the Anesthesiology Morning Report for Texas Children’s Hospital Global Health Lecture in Malawi, Africa on February 24, 2017.

Wanda C. Miller-Hance, MD presented a lecture titled, “Transesophageal Echocardiography for Adult Congenital Heart Disease” at the Texas Heart Institute Cardiovascular Fellow’s Conference on February 13, 2017.

AWARDS/RECOGNITION/VISITORS

We were excited to host Saundra Curry, MD, Professor of Anesthesiology, Columbia University Medical Center, as a Visiting Professor on February 23rd and 24th, 2017. Dr. Curry is a Professionalism lecturer at multiple American Society of Anesthesiologists meetings and other forums and the Director of Medical Student Education and an American Board of Anesthesiology Oral Examiner. She presented a problem based learning discussion titled, “Creating a Culture of Professionalism in Your Department” and a lecture and discussion titled, “Still Not Being Respected at Work? Professionalism and How It Affects You” to our faculty, fellows, and nursing staff, and clinical rotators, such as medical students, anesthesiology residents, and student nurse anesthetists.
April 2017

PUBLICATIONS/PRESENTATIONS

Emad Mossad, MD and Premal Trivedi, MD, presented a problem based learning discussion titled, “Fontan Conversion” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 2, 2017.


Evelyn C. Mónico, MD, Zoel A. Quiñónez, MD; Eric Vu, MD and Patrice Wilson, MD presented a SPPM titled, “Pilot study of PECS I and II block for Intracardiac Device Placement” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 2, 2017.

Wanda C. Miller-Hance, MD and Pablo Motta, MD presented a workshop (coordinator and speaker) titled, “Transesophageal Echocardiography” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 2, 2017.

Dean B. Andropoulos, MD, MHCM presented a panel discussion titled, “Ask the Experts” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 2, 2017.

Chris D. Glover, MD and Nihar V. Patel, MD presented a workshop titled, “Advanced Ultrasound Guided Regional Anesthesia” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 2, 2017.

Zoel Quinonez, MD and David F. Vener, MD presented a problem based learning discussion titled, “Full Head, Full Heart: A Neonate with Vein of Galen Malformation” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 3, 2017.

Kenneth M. Brady, MD presented a lecture titled, “Cerebral Autoregulation and Blood Pressure in the Neonate: How low can you go?” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 3, 2017.

Brent E. Schakett, MD presented an abstract titled, “Cerebral Ateriovenous (AV) Malformation Resection in a 14-Year-Old Female with Abnormal Coagulation Factors” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 3, 2017.


Premal Trivedi, MD presented a workshop titled, “Advanced Techniques for Peripheral Vascular Access” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 3, 2017.


Erin A. Gottlieb, MD and Pablo Motta, MD presented a case series presentation titled, “AAOCA Case Series Presentation” Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 2, 8, 4, 2017.

Carlos Javier Campos Lopez, MD, FAAP, Wanda C. Miller-Hance, MD, Watcha, Mehernoor F., MD; and Olutoyin Olutoye, MD, M.Sc., FAAP moderated a Walk Around Poster/Discussion Session at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 4, 2017.

Evelyn C. Mónico, MD, Zoel A. Quiñónez, MD, Eric Vu MD and Patrice Wilson, MD moderated a Walk Around Poster/Discussion Session titled, “Pilot study of PECS I and II block for Intracardiac Device Placement” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 4, 2017.

Henry Huang, MD, Brian Tinch, MD and Kimberly Hunter, CRNA presented an abstract titled, “Anesthetic Challenge in a case of Propionic Acidemia” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 4, 2017.

Rahul Baijal, MD presented a workshop titled, “A Practical Approach to Creating a Pediatric Perioperative Surgical Home” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 4, 2017.

Adam C. Adler, MD, Lisa Caplan, MD, and Wanda C. Miller-Hance, MD presented a workshop titled, “Point of Care Ultrasound” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 4, 2017.

Arvind Chandrakantan, MD presented the posters titled, “Absolute Heart Rate (Preop to Postop) is Predictive of Emergence Delirium”, “Post-discharge Opioid Use in Healthy Ambulatory Children”, “TcCO2 Rather Than EtCO2 is a Superior Measure of PvCO2 in the Infant Population” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 4, 2017.

Ann Ng, MD. Catherine Seipel, MD, Megha Kanjia, MD presented a poster titled, “Use of Remifentanil in Pompe Disease: A Different Approach in Changing Disease Process” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 4, 2017.


Lauren Lobbaugh, MD presented a problem based learning discussion titled, “How to get an “A” for a Nuss Procedure: Management of Arrhythmias, Arrests, Allergies, and Analgesia” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 4, 2017.

Ashraf Resheidat, MD, Tamra Baker, CRNA presented a poster titled, “Undiagnosed Congenital Tracheal Stenosis in Patients with Congenital Heart Disease” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 4, 2017.

Emad Mossad, MD, Ashraf Resheidat, MD presented a poster titled, “Perioperative Management of Hypertension Following the Ross Procedure (Pulmonary Autograft) in Pediatrics, a Retrospective Analysis” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 4, 2017.

Nathan Jones, CRNA presented a problem based learning discussion titled “Risky Business: Managing Post-tonsillectomy Hemorrhage in an Uncooperative Autistic Patient” at the Allied Health Session at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 5, 2017.

Rhonda Martone, CRNA presented a lecture titled, “Oh No-Not the Cardiac Cath Lab Again!” at the Allied Health Session at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 5, 2017.

Stuart R. Hall, MD moderated Session III “Who Wants to be a Millionaire?” at the Society for Pediatric Anesthesia, Pediatric Anesthesiology Spring 2017 Meeting in Austin, Texas on March 5, 2017.

Amber Rogers, MD presented a lecture titled, “Choice of Anesthetic Techniques” at the Pediatric Anesthesia Medical Student Lecture Series on March 8, 2017.


Carlos Rodriguez, MD presented a workshop titled, “Woodlands PACU Rodeo 2017Airway Workshop” at the Texas Children’s Hospital Woodlands Campus, Post Anesthesia Care Unit Rodeo Lecture Series on March 15, 2017.

Catherine Seipel, MD presented a lecture titled, “Intravenous and Inhaled Anesthetics” at the Pediatric Anesthesiology Medical Student Lecture Series on March 23, 2017.

Catherine Seipel, MD presented a lecture titled, “Woodlands Post Anesthesia Care Unit Rodeo Airway Management and Emergencies” and a workshop titled, “Woodlands Post Anesthesia Care Unit Rodeo Airways Skills 2017” at the Texas Children’s hospital Woodlands Campus, Post Anesthesia Care Unit Rodeo Lecture Series on March 15, 2017.


Safety of antifibrinolytics in cranial vault reconstructive surgery: a report from the pediatric craniofacial collaborative group. Goobie SM, Cladir FP, Glover CD, Huang H, Reddy SK, Fernandez AM, Zurakowski D, Stricker PA; the Pediatric Craniofacial Collaborative Group...


David Mann, MD presented a workshop titled, “Ethics Small Group” at the Baylor College of Medicine Medical Student Ethics Course on March 10, 17, 24, 31, 2017.

David Mann, MD presented a workshop titled, “Clinical Ethics Rounds” at the Baylor College of Medicine Medical Student Ethics Course on March 28, 2017.

David Mann, MD presented a Problem Based Learning Discussion titled, “Autonomy to Consent” at the Pediatric Anesthesiology Resident Lecture Series on March 13, 2017.

David Mann, MD presented a Problem Based Learning Discussion titled, “Ventriculoperitoneal Shunt” in a Baby with Alobar Holoprosencephaly, in hospice care: REALLY?!” at the Society for Pediatric Pain Medicine 4th Annual Meeting on March 13, 2017 in Austin, Texas.

David Vener, MD presented a lecture titled, “Sedation and Analgesia for Cardiac Patients” at the Johns Hopkins All Children’s Hospital Cardiac Educational Conference in Kingston, Jamaica on March 12, 2017.

David Young, MD presented a workshop titled “Pediatric Advanced Life Support” at the Texas Children’s Hospital, Pediatric Advanced Life Support Lecture Series on March 7, 14, 2017.

David Young, MD presented a lecture titled, “Trauma” at the Pediatric Anesthesiology Resident Lecture Series on March 31, 2017.

David Young, MD presented a lecture titled, “Pediatric Advanced Life Support” at the Pediatric Anesthesiology Resident Lecture Series on March 31, 2017.

David Young, MD presented a workshop titled, “Perioperative Simulation” at the Texas Children’s Hospital Simulation Center on March 29 and 30, 2017.

Elisha Peterson, MD presented a lecture titled, “Pediatric Post Anesthesia Care Unit” at the Pediatric Anesthesiology Resident Lecture Series on March 17, 2017.

Emad B. Mossad, MD and Premal Trivedi, MD presented a problem based learning discussion titled, “Fontan Conversion Surgery” at the Congenital Cardiac Anesthesia Society Annual Meeting in Austin, Texas on March 2, 2017.

Premal Trivedi, MD presented a lecture titled, “Perioperative Management of Congenitally Corrected TGA” at the Congenital Cardiac Anesthesia Society Annual Meeting in Austin, Texas on March 2, 2017.


Julia Chen, MD presented a lecture titled, “Neuromuscular Blocking Agents” at the Pediatric Anesthesiology Medical Student Lecture Series on March 3, 29, 2017.

Karla Wyatt, MD presented a lecture titled, “Congenital Anomalies and Developmental Delay” at the Pediatric Anesthesiology Resident Lecture Series on March 16, 2017.

Katrin Campbell, MD presented a problem based learning discussion titled, “Sickle Cell Disease and the Pediatric Patient” at the Pediatric Anesthesiology Resident Lecture Series on March 23, 2017.

Kenneth Wayman, MD presented a problem based learning discussion titled, “Burns” at the Pediatric Anesthesiology Resident Lecture Series on March 27, 2017.

Kenneth Wayman, MD presented a lecture titled, “Financial Basics for Medical Students” at the Pediatric Anesthesiology Medical Student Lecture Series on March 31, 2017.

Kenneth Wayman, MD presented a lecture titled, “Perioperative Pain Management and Pain Medications” at the Pediatric Anesthesiology Medical Student Lecture Series on March 6, 2017.

Laura Ryan, MD presented a workshop titled, “Airway Management” at the Pediatric Anesthesiology Medical Student Lecture Series on March 2, 2017.

Lisa Caplan, MD presented a lecture titled, “Pediatric Anesthesia Simulator” at the Pediatric Anesthesiology Simulation on March 2, and 29, 2017.


Pablo Motta, MD presented a lecture titled, “Anesthesia for Ventricular Assist Device Placement” at the Pediatric Cardiovascular Anesthesiology Conference on March 9, 2017.

Wanda C. Miller-Hance, MD presented two lectures titled, “Percutaneous Pacemaker” and “Anesthetic Implications and Long QT Syndrome”; and sat on a panel titled “Round Table-Pulmonary Hypertension and Cardiovascular Diseases”
at the 2017 Mexican Society of Pediatric Anesthesia in Chiapas, Mexico on March 24, 2017.

Wanda C. Miller-Hance, MD presented a lecture titled, “Tetralogy of Fallot and Transposition of the Great Arteries” at the Baylor College of Medicine, Senior Seminar Lecture Series on April 7, 2017.

May 2017

PUBLICATIONS/PRESENTATIONS


Adam Adler, MD presented a lecture titled, “Management of a Patient With Goldenhar Syndrome” at Texas Children’s Hospital, Department of Surgery Quality and Improvement Grand Rounds on April 14, 2017.

Adam Adler, MD presented a lecture titled, “Perioperative Point of Care Ultrasound – Imaging at a Theater Near You!” at Baylor College of Medicine, Department of Surgery Grand Rounds on April 12, 2017.

Ali Hassanpour, MD presented a lecture titled, “Normal/Abnormal Physical and Psychological Development” at the Pediatric Anesthesiology Resident Lecture Series on April 21, 2017.

Amber Rogers, MD presented a lecture titled “Choice of Anesthetic Technique” at the Pediatric Anesthesiology medical student lecture series on April 5, 2017 and April 27, 2017.

Arvind Chandrakantan, MD presented a lecture titled, “Malignant Hyperthermia” at the Pediatric Anesthesiology Medical Student Lecture Series on April 10, 2017.

Catherine Seipel, MD presented a lecture titled, “Gastroenterology and Hepatic Keywords” at the Pediatric Anesthesiology Resident Lecture Series on April 24, 2017.

Catherine Seipel, MD presented a lecture titled, “Inhaled and Intravenous Anesthetics” at the Pediatric Anesthesiology Medical Student Lecture Series on April 13, 2017.

Catherine Seipel, MD presented a lecture titled, “Neonatal Surgical Emergencies” at the Pediatric Anesthesiology Resident Lecture Series on April 10, 2017.

David Mann, MD presented a workshop titled, “Baylor College of Medicine Clinical Ethics Rounds” at the Baylor College of Medicine, Medical Student Ethics Course on April 3 – 5, 2017.

David Young, MD presented a workshop titled, “Maintenance of Certification in Anesthesiology Program Simulation Pilot” at the Maintenance of Certification in Anesthesiology Program Simulation Pilot at Texas Children’s Hospital on April 22, 2017.

David Young, MD presented a workshop titled, “Peer Coaching: How to Promote a Life-Long Collaborative Culture in Medical Education” at the Society for Education in Anesthesia 32nd Spring Meeting on April 26, 2017 in Jacksonville, Florida.

David Young, MD presented a workshop titled, “Creating Effective Objective Structured Clinical Examinations for your Residency Program” at the Society for Education in Anesthesia 32nd Spring Meeting on April 26, 2017 in Jacksonville, Florida.

David Young, MD presented a workshop titled, “In Situ Simulation” at the In Situ Simulation Lecture Series on April 19, 2017.

Imelda Tjia, MD presented a lecture titled, “Difficult Conversations” at the From Burnout to Brilliance Physician Wellness Symposium in Austin, Texas on April 1, 2017.

Imelda Tjia, MD presented a workshop titled, “Burnout to Brilliance” at the From Burnout to Brilliance Physician Wellness Symposium in Austin, Texas on April 1, 2017.

Imelda Tjia, MD presented a poster titled, “Transformational Leadership and Career Sustainability” at the From Burnout to Brilliance Physician Wellness Symposium in Austin, Texas on April 1, 2017.

Imelda Tjia, MD presented a workshop titled, “Resident Orientation” at the Pediatric Anesthesiology Residency Orientation on April 3, 2017.

Kenneth Wayman, MD presented a lecture titled, “Anesthetic Positioning and Monitors” at the Pediatric Anesthesiology Medical Student Lecture Series on April 19, 2017.

Laura Ryan, MD presented a lecture titled, “The Child with a Difficult Airway” at the Pediatric Anesthesiology Resident Lecture Series on April 7, 2017.


Miguel Prada, MD presented a lecture titled, “Fluids and Electrolytes” at the Pediatric Anesthesiology Resident Lecture Series on April 20, 2017.

Miguel Prada, MD presented a lecture titled, “Fluids and Electrolytes 1” at the Pediatric Anesthesiology Resident Lecture Series on April 17, 2017.

Pablo Motta, MD presented a lecture titled, “Tendencias del Manejo Inotrópico en el Paciente Pediatrico” at the Hospital Pereira Rosell Grand Rounds in Montevideo Uruguay on April 10, 2017.

Pablo Motta, MD presented a workshop titled, “Focus Assessed Transthoracic Echocardiography” at the Simposio Internacional de Anestesia Pediatrica, Hospital Garrahan in Buenos Aires Argentina on April 7, 2017.

Pablo Motta, MD presented a lecture titled, “Anestesia Para Cirugia no CV en Pacientes Con Patologia CV Congenita” at the Simposio Internacional de Anestesia Pediatrica, Hospital Garrahan in Buenos Aires Argentina on April 7, 2017.

Pablo Motta, MD presented a lecture titled, “Tendencias en el Manejo Inotrópico en Cardiopatías Congénitas” at the Simposio Internacional de Anestesia Pediatrica, Hospital Garrahan in Buenos Aires Argentina on April 7, 2017.

Pablo Motta, MD presented a lecture titled, “Evaluación de la Inestabilidad Hemodinámica” at the Simposio Internacional de Anestesia Pediatrica, Hospital Garrahan in Buenos Aires Argentina on April 7, 2017.

Pablo Motta, MD presented a lecture titled, “Critical Communications for Early Exubation” at the Simposio Internacional de Anestesia Pediatrica, Hospital Garrahan in Buenos Aires Argentina on April 7, 2017.

Premeal Trivedi, MD presented a lecture titled, “Simulation for Maintenance of Certification in Anesthesiology Credentialing” at the Texas Children’s Hospital, Simulation for Maintenance of Certification in Anesthesiology on April 22, 2017.

Premeal Trivedi, MD presented a lecture titled, “Choose Your Own Adventure: Lessons Learned from Recent Cases” at the Pediatric Cardiovascular Anesthesiology Fellows Conference on April 6, 2017.

Priscilla Garcia, MD presented a lecture titled, “Postop Opioids” at the Pediatric Anesthesiology medical Student Lecture Series on April 14, 2017.

Priscilla Garcia, MD presented a lecture titled, “Regional Anesthesia” at the Pediatric Anesthesiology Medical Student Lecture Series on April 12, 2017.


Thomas Shaw, MD presented a lecture titled, “Pursuing a Career in Medicine” at the Doctor’s Day Minority Outreach
Titilopemi Aina, MD presented a lecture titled, “Preop Assessment/Post Anesthesia Care Unit” at the Pediatric Anesthesiology Medical Student Lecture Series on April 3rd and 26, 2017.

Titilopemi Aina, MD presented a lecture titled, “Pediatric Airway” at the Pediatric Anesthesiology Resident Lecture Series on April 6, 2017.

Titilopemi Aina, MD presented a lecture titled, “Anesthesia for Premature Infants” at the Pediatric Anesthesiology Resident Lecture Series on April 14, 2017.

William Waldrop, MD presented a lecture titled, “Journal Club” at the Pediatric Anesthesiology Fellows Conference on April 25, 2017.

William Waldrop, MD presented a lecture titled, “Malignant Hyperthermia” at the Pediatric Critical Care Lecture Series on April 18, 2017.

**June 2017**

**PROGRESS TOWARD GOALS/OBJECTIVES**

Pediatric Anesthesiology held an Insights Discovery Training for faculty. This training course helps individuals gain a deeper insight of themselves and of their colleagues to make the most of the relationships that affect them in the workplace. Faculty who attended are self-aware and equipped with tools for better communication. We plan to coordinate another session in the upcoming fall season to give opportunity to those that were unable to attend in May 2017.

**PUBLICATIONS/PRESENTATIONS**


Air Embolism during Cardiac Catheterization and the Role for Anesthesia Use of Bedside Ultrasound. Adler AC. Anesthesiology. 2017 May 31. [Epub ahead of print]


Adam Adler, MD presented a lecture titled, “Perioperative Point Care Ultrasound: Why, How and Me?” Part 1 on 05/09/2017 and Part 2 on 05/30/2017 at the Pediatric Anesthesiology Faculty and Fellows Conference.

Amber Rogers, MD presented a problem based learning discussion titled, “Ketofol” at the Society for Pediatric Sedation 2017 Annual Conference in Orlando, Florida on 5/24/2017.

Amber Rogers, MD presented a workshop titled, “Nitrous Oxide” at the Society for Pediatric Sedation 2017 Annual Conference in Orlando, Florida on 5/23/2017.

Amber Rogers, MD presented a lecture titled, “Quality Dashboard in Sedation Service Lines” at the Society for Pediatric Sedation 2017 Annual Conference in Orlando, Florida on 5/22/2017.

Amber Rogers, MD presented a workshop titled, “Society for Pediatric Sedation Provider Course” at the Society for Pediatric Sedation 2017 Annual Conference in Orlando, Florida on 5/21/2017.

Arvind Chandrakantan, MD presented a lecture titled, “Malignant Hyperthermia” at the Pediatric Anesthesiology Medical Student Lecture Series on 05/08/2017.

Arvind Chandrakantan, MD presented a lecture titled, “Anesthesia for Fetal Surgery” at the Pediatric Anesthesiology Medical Student Lecture Series on 05/17/2017.

Carlos Campos, MD presented a problem based learning discussion titled, “Anestesia para Cirugia Bariatrica” at the Master en Anestesiologia Pediatria on 05/30/2017.

Carlos Rodriguez, MD presented a workshop titled, “Post Anesthesia Care Unit Rodeo 2017” at the Texas Children’s Hospital Post Anesthesia Care Unit Rodeo Lecture Series on 05/19/2017.

Carlos Rodriguez, MD presented a lecture titled, “Malignant Hyperthermia Lectures” at the Diagnostic Imaging Nursing Lecture on 05/15/2017.

Catherine Seipel, MD presented a workshop titled, “Airway Workshop - Post Anesthesia Care Unit Rodeo 2017” at the Texas Children’s Hospital Post Anesthesia Care Unit Rodeo 2017 on 05/19/2017.

Catherine Seipel, MD presented a lecture titled, “Post Anesthesia Care Unit Rodeo 2017” at the Texas Children’s Hospital Post Anesthesia Care Unit Rodeo 2017 on 05/19/2017.

Catherine Seipel, MD presented a lecture titled, “Inhaled and Intravenous Anesthetics” at the Pediatric Anesthesiology Medical Student Lecture Series on 05/22/2017.

David Mann, MD presented a lecture titled, “Ethics, Medicolegal Issues, and Professionalism in Anesthesia” at the Pediatric Anesthesiology Resident Lecture Series on 05/22/2017.

David Young, MD presented a workshop titled, “MOCA Simulation Course” at the UTSW MOCA Simulation Course on 05/24/2017.

David Young, MD presented a lecture titled, “Simulation Update” at the Pediatric Anesthesiology Fellows Conference on 05/16/2017.

David Young, MD presented a workshop titled, “Pilot MOCA Simulation Course” at the Pilot MOCA Simulation Course on 05/13/2017.

David Young, MD presented a workshop titled, “In Situ Simulation” at the In Situ Simulation Lecture Series on 05/02/2017 and 05/11/2017.

Emad Mossad, MD presented a lecture titled, “Rheumatic Fever” at the Pediatric Cardiovascular Anesthesiology Fellows Conference on 05/11/2017.

Eric Vu, MD presented a lecture titled, “Blood Pressure Management in Hypoplastic Left Heart Syndrome After Stage 1 Palliation: Determination of an ST Instability-Dependent Optimal Blood Pressure” at the International Anesthesia Research Society 2017 Meeting in Washington, DC, on 05/07/2017.

Eric Vu, MD presented a lecture titled, “Blood Pressure Management in Hypoplastic Left Heart Syndrome After Stage 1 Palliation: Determination of an ST Instability-Dependent Optimal Blood Pressure” at the Association of University Anesthesiologists 2017 Meeting in Washington, DC, on 05/07/2017.

Erin Gottlieb, MD presented a workshop titled, “Breakthrough Communication” at the Texas Children’s Hospital Breakthrough Communication Lecture Series on 05/15/2017 and 05/31/2017.

Erin Williams, MD presented a lecture titled, “Anesthesia Out of the Operating Room” at the Pediatric Anesthesiology Medical Student Lecture Series on 05/24/2017.

Imelda Tjia, MD presented a workshop titled, “Resident Orientation” at the Pediatric Anesthesiology Resident Orientation on 05/01/2017.

Karla Wyatt, MD presented a lecture titled, “Congenital Anomalies and Developmental Delay” at the Pediatric Anesthesiology Resident Lecture Series on 05/18/2017.

Karla Wyatt, MD presented a lecture titled, “STEM: From Attrition to Excellence” at the Delta Sigma Theta Incorporated - May Week at Syracuse University on 05/06/2017.

Kathleen Chen, MD presented a lecture titled, “Anesthesia for Pediatric ENT Surgery” at the Pediatric Anesthesiology Resident Lecture Series on 05/15/2017.

Kathleen Chen, MD presented a lecture titled, “Pedicratic ENT and Eye Surgery” at the Pediatric Anesthesiology Medical Student Lecture Series on 05/11/2017.

Kenneth Brady, MD presented a lecture titled, “Bench to Bedside Development of a Monitor of Autoregulation” at The Johns Hopkins University, The Johns Hopkins Hospital, Baltimore, Maryland on 05/06/2017.

Kenneth Wayman, MD presented a lecture titled, “Positioning and Anesthetic Monitors” at the Pediatric Anesthesiology Medical Student Lecture Series on 05/31/2017.
Kenneth Wayman, MD presented a problem based learning discussion titled, “Ambulatory Anesthesia” at the Pediatric Anesthesiology Resident Lecture Series on 05/05/2017.

Laura Ryan, MD presented a workshop titled, “Airway Management” at the Texas Children’s Hospital Post Anesthesia Care Unit Rodeo Lecture Series on 05/19/2017.

Laura Ryan, MD presented a lecture titled, “Post Anesthesia Care Unit Rodeo” at the Texas Children’s Hospital Post Anesthesia Care Unit Rodeo Lecture Series on 05/19/2017.

Lisa Caplan, MD presented a simulation scenario titled, “Pre MOCA Simulation” at the Texas Children’s Hospital Simulation Center Lecture Series on 05/13/2017.

Megha Kanjia, MD presented a lecture titled, “Medication Wastage” at the Baylor College of Medicine Grand Rounds Lecture Series on 05/17/2017.

Megha Kanjia, MD presented a lecture titled, “Reducing Medication Wastage in the OR” at the Pediatric Anesthesiology Quality Improvement Lecture Series on 05/17/2017.

Megha Kanjia, MD presented a lecture titled, “Unplanned Intraoperative Extubations” at the Texas Children’s Hospital Fellows Research Day on 05/19/2017.

Michelle Dalton, MD presented a lecture titled, “Anesthesia for Pediatric Ophthalmic Surgery” at the Pediatric Anesthesiology Resident Lecture Series on 05/19/2017.

Miguel Prada, MD presented a lecture titled, “Nephrology Pearls for the Pediatric Anesthesiologist” at the Pediatric Anesthesiology Resident Lecture Series on 05/19/2017.

Priscilla Garcia, MD presented a workshop titled, “MOCA Pilot Simulation Course” at the MOCA Pilot Simulation Course at the Texas Children’s Hospital Simulation Center on 05/13/2017.

Priscilla Garcia, MD presented a lecture titled, “Opioids/Post-Operative Pain” at the Pediatric Anesthesiology Medical Student Lecture Series on 05/12/2017.

Priscilla Garcia, MD presented a lecture titled, “Regional Anesthesia” at the Pediatric Anesthesiology Medical Student Lecture Series on 05/10/2017.

Priscilla Garcia, MD presented a problem based learning discussion titled, “Neurotrauma in the Pediatric Patient” at the Pediatric Anesthesiology Resident Lecture Series on 05/10/2017.

R. Blaine Easley, MD presented a lecture titled, “Making Decisions for Hemodynamic Support in Pediatric Patients” at the Pediatric Cardiovascular Anesthesiology Fellows Conference on 05/04/2017.

Titilopemi Aina, MD presented a lecture titled, “Preop & PACU” at the Pediatric Anesthesiology Medical Student Lecture Series on 05/25/2017.

Titilopemi Aina, MD presented a lecture titled, “Anesthetic Monitoring & Positioning” at the Pediatric Anesthesiology Medical Student Lecture Series on 05/19/2017.

Titilopemi Aina, MD presented a lecture titled, “Board Review Keywords - Hematology” at the Pediatric Anesthesiology Resident Lecture Series on 05/10/2017.

Titilopemi Aina, MD presented a lecture titled, “Patient safety - Disclosure of Medical Errors” at the Pediatric Anesthesiology Resident Lecture Series on 05/10/2017.

July 2017

PROGRESS TOWARD GOALS/OBJECTIVES

The Pediatric Anesthesiology, Perioperative and Pain Medicine, Arthur S. Keats Division of Pediatric Cardiovascular Anesthesiology played a vital role in helping the Texas Children’s Heart Center achieve the #1 ranking for Cardiology and Cardiac Surgery in the 2017-18 U.S. News and World Report Best Children’s Hospitals rankings. This is an incredible team accomplishment, and as Dr. Fraser noted in his remarks announcing the ranking, could not have been achieved without the best CV Anesthesia Division in the country. Surgical outcomes were heavily weighted in these rankings, as were volume, scope of services, quality practices, education, and research efforts. Thanks to Emad Mossad for his outstanding leadership of the Division since 2008, growing the anesthesiologist faculty from 4 to now over 15, and to Saeed Yacoub for leading our team of CV CRNAs, who tirelessly work with the physicians to provide the highest quality of anesthetic care, in the most complex cardiac patients in any institution.

PUBLICATIONS/PRESENTATIONS


Amber Rogers, MD presented a lecture titled, “Choice of Anesthetic Technique” at the Pediatric Anesthesiology Medical Student Lecture Series on June 13, 2017.

Arvind Chandrakantan, MD presented a lecture titled, “Malignant Hyperthermia” at the Pediatric Anesthesiology Medical Student Lecture Series on June 5, 2017.

Asafra Resheidat, MD presented a case discussion at the Children’s Hospital of San Antonio, Pediatric Anesthesiology Monthly Case Discussion on June 5, 2017.


Catherine Seipel, MD presented a lecture titled, “Inhaled and Intravenous Anesthetics” at the Pediatric Anesthesiology Medical Student Lecture Series on June 8, 2017.

David Vener, MD presented at the Pediatric Cardiovascular Anesthesiology Quality Conference on June 22, 2017.

David Young, MD presented a workshop titled, “American Board of Anesthesiology Junior Editor Question Development” at the American Board of Anesthesiology Basic Exam Development on June 27, 2017.

David Young, MD presented a lecture titled, “Trauma” at the Pediatric Anesthesiology Resident Lecture Series on June 8, 2017.

David Young, MD presented a lecture titled, “Pediatric Advance Life Support” at the Pediatric Anesthesiology Resident Lecture Series on June 5, 2017.

Elisa Peterson, MD presented a lecture titled, “Pediatric Post Anesthesia Care Unit” at the Pediatric Anesthesiology Resident Lecture Series on June 1, 2017.


Katrín Campbell, MD presented a problem based learning discussion titled, “Sickle Cell Disease and the Pediatric Surgical Patient” at the Pediatric Anesthesiology Resident Lecture Series on June 15, 2017.


Laura Ryan, MD presented a problem based learning discussion titled, “Craniofacial Anesthesia” at the Pediatric Anesthesiology Resident Lecture Series on June 19, 2017.

Melanie McKissack, MD presented a workshop titled, “Airway Workshop” at Texas Children’s Hospital, West Campus on June 23, 2017.

Rahul Baijal, MD presented a lecture titled, “Pediatric Organ Transplant” at the Pediatric Anesthesiology Resident Lecture Series on June 19, 2017.

Rahul Baijal, MD presented a problem based learning discussion titled, “Integrated Problem Solving” at the Pediatric Anesthesiology Resident Lecture Series on June 6, 13, and 19, 2017.

Titilopemi Aina, MD presented a lecture titled, “Anesthesia for Thoracic Surgery” at the Pediatric Anesthesiology Residency Lecture Series on June 29, 2017.

Toni Felberg, MD presented a lecture titled, “NICU-OR Handoff: A Systems-wide Collaborative” at the Texas Children’s Hospital Woodlands Campus, Quality and Outcomes Committee Meeting on June 26, 2017.

August 2017

PROGRESS TOWARD GOALS/OBJECTIVES

Dean B. Andropoulos, MD, MHCM, presented at Surgery Grand Rounds on 7/7/2017. The title of his presentation was, “Update on the Department of Anesthesiology, Perioperative and Pain Medicine”. He spoke on topics related to Departmental Organization, Department Growth, Recognitions and Awards, Strategic Goals, FDA Safety Announcement, and the Fetal Anesthesia Team.

PUBLICATIONS/PRESENTATIONS

David Mann, MD presented a lecture titled, “Neuromuscular Blocking Drugs” at the Pediatric Anesthesiology Resident Lecture Series on 7/31/2017.

David Vener, MD participated on a panel titled “Anesthesia and Coagulation Factors” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/17/2017.

David Vener, MD participated on a panel titled “Anesthesia Innovations” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/20/2017.

David Vener, MD presented a lecture titled, “Congenital Cardiac Anesthesia Society Database” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/20/2017.


Emad B. Mossad, MD presented a lecture titled, “Anesthesia for Children on MCS” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/20/2017.

Emad B. Mossad, MD presented a lecture titled, “Neurodevelopmental Outcomes and Anesthesia” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/19/2017.

Emad B. Mossad, MD participated in on a panel titled, “Bleeding and Coagulation” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/19/2017.

Emad B. Mossad, MD presented a lecture titled, “Hospital Course and Neurodevelopmental Outcome” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/19/2017.

Emad B. Mossad, MD presented a lecture titled, “Hospital Course and Neurodevelopmental Outcome” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/19/2017.

Emad B. Mossad, MD presented a lecture titled, “Congenital Anomalies and Developmental Delay” at the Pediatric Anesthesiology Resident Lecture Series on 7/27/2017.

Kathleen Chen, MD presented a lecture titled, “Anesthesia for ENT and Eye Surgery” at the Pediatric Anesthesiology Medical Student Lecture Series on 7/6/2017.

Kim Nguyen, MD presented a workshop titled, “Ultrasound Image Capture and Storage in the Operating Room” at the Texas Children’s Hospital Perioperative Anesthesia Rodeo on 7/28/2017.

Miguel Prada, MD presented a lecture titled, “Fluids and Electrolytes 1” at the Pediatric Anesthesia Resident Lecture Series on 7/13/2017.

Miguel Prada, MD presented a lecture titled, “Sedation for the Renal Fellow” at the Pediatric Anesthesia Renal Fellows Orientation Boot Camp on 7/18/2017.


Titiolopemi Aina, MD presented a lecture titled, “Normal and Abnormal Physical and Psychological Development” at the Pediatric Anesthesiology Resident Lecture Series on 7/31/2017.

Titiolopemi Aina, MD presented a lecture titled, “Preop/Post-Anesthesia Care Unit” at the Pediatric Anesthesiology Resident Lecture Series on 7/5/2017.

Titiolopemi Aina, MD presented a lecture titled, “Airway” at the Pediatric Anesthesiology Medical Student Lecture Series on 7/7/2017 and at the Pediatric Anesthesiology Resident Lecture Series on 7/10/2017.

Titiolopemi Aina, MD presented a problem based learning discussion titled, “Anesthesia for Premature Babies” at the Pediatric Anesthesiology Resident Lecture Series on 7/24/2017.

Toni Felberg, MD presented a lecture titled, “Stericycle” at the Anesthesia Rodeo at Texas Children’s Hospital, Feigin Center on 7/28/2017.


Wanda C. Miller-Hance, MD presented a lecture titled, “Congenital Cardiac Anesthesia Society Membership” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/20/2017.

Wanda C. Miller-Hance, MD presented a lecture titled, “Anesthetic Considerations in Congenital Heart Disease” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/20/2017.

Wanda C. Miller-Hance, MD presented a lecture titled, “Surgery and Anesthesia Bridging Together Session” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/20/2017.

Wanda C. Miller-Hance, MD presented a lecture titled, “Pearls and Pitfalls of Providing Sedation and Anesthesia for Patients with Congenital Heart Disease” at the 7th World Congress of Pediatric Cardiology and Cardiac Surgery in Barcelona, Spain on 7/19/2017.

September 2017

PROGRESS TOWARD GOALS/OBJECTIVES

Texas Children’s Hospital, Pediatric Anesthesiology, Perioperative and Pain Medicine in collaboration with University of Texas Health Science Center at Houston, Department of Anesthesiology coordinated and hosted the Texas Children’s Hospital, 6th Annual Ultrasound Guided Advanced Regional Anesthesia and Focus Assessed TTE Workshop. The course took place on August 5, 2017 at the Texas Children’s Hospital, Mark Wallace Tower 3rd floor Conference Room, and the Post
Anesthesia Care Unit. Several of our pediatric anesthesiologists and pediatric anesthesiologists from the University of Texas, Health Science Center at Houston were the course instructors. Congratulations to our faculty Course Directors Nihar Patel, MD, Chris Glover, MD, and Jeff Widelitz, MD.

Our faculty and fellows attended a professionalism lecture by James R. Walker, DNP, CRNA, FNAP, FAAN, Director and Associate Professor, DNP Program, Baylor College of Medicine. His lecture was titled, “Substance Abuse Disorder & Anesthesia Providers” and presented at the Pediatric Anesthesiology Fellows and Faculty Conference on 8/29/2017.

**PUBLICATIONS/PRESENTATIONS**

**Amber Rogers, MD** presented a lecture titled, “Choice Anesthetic Technique” at the Pediatric Anesthesiology Medical Student Lecture Series on 8/10/2017.

**Adam Alder, MD** presented a lecture titled, “Caudal Blocks” at the American Academy of Pediatrics, National Toolbox for Education on 8/8/2017.

**Ali Hassanpour, MD** presented a workshop titled, “Quadratus Lumborum and Lumbar Plexus Blocks” at the 2017 Ultrasound Workshop at Texas Children’s Hospital on 8/5/2017.

**Ali Hassanpour, MD** presented a lecture titled, “Paravertebral Blocks” at the 2017 Ultrasound Workshop at Texas Children’s Hospital on 8/5/2017.

**Arvind Chandrakantan, MD** presented a lecture titled, “Anesthesia for Fetal Surgery” at the Pediatric Anesthesiology Medical Student Lecture Series on 8/24/2017.

**Arvind Chandrakantan, MD** presented a lecture titled, “Malignant Hyperthermia” at the Pediatric Anesthesiology Monthly Pediatric Anesthesia Quality Improvement Conference on 8/22/2017.

**Blaine Zelisko, MD** presented a workshop titled, “Upper Extremity Blocks” at the Texas Children’s Hospital, Regional Block Conference on 8/5/2017.

**Blaine Zelisko, MD** presented a lecture titled, “Upper Extremity Blocks” at the Texas Children’s Hospital, Regional Block Conference on 8/5/2017.

**Carlos Campos, MD** presented a lecture titled, “Neuromuscular Sclerosis and Cardiac Arrest” at the Pediatric Anesthesia Monthly Pediatric Anesthesia Quality Improvement Conference on 8/22/2017.

**Catherine Seipel, MD** presented a lecture titled, “Inhaled and Intravenous Anesthetics” at the Pediatric Anesthesiology Medical Student Lecture Series on 8/17/2017.

**Chris Glover, MD** presented a lecture titled, “Understanding Pain - The Utility or Futility of Perioperative Pain Management” at the Texas Children’s Surgical Fellows Conference on 8/20/2017.

**Dean Andropoulos, MD, MHCM** presented a lecture titled, “The FDA Warning about Anesthesia and Sedation in Young Children: How Does it Affect My Patients?” at the Pediatric Grand Rounds on 8/11/2017.


**Evelyn Monico, MD** presented a lecture titled, “Opioids/Postoperative Pain Management” at the Baylor College of Medicine Medical Student Lecture Series on 8/27/2017.

**Evelyn Monico, MD** presented a lecture titled, “Regional Anesthesia” at the Baylor College of Medicine Medical Student Curriculum on 8/27/2017.

**Jeff Widelitz, MD** presented a workshop titled, “Truncal Blocks” at the Texas Children’s Hospital Ultrasound Guided Regional Anesthesia Workshop on 8/5/2017.

**Jeff Widelitz, MD** presented a lecture titled, “Ultrasound Guided Lower Extremity Blockade” at the Texas Children’s Hospital Ultrasound Guided Regional Anesthesia Workshop on 8/5/2017.

**Jeff Widelitz, MD** presented a lecture titled, “Anesthesia of Orthopedic Surgery” at the Texas Children’s Hospital Ultrasound Guided Regional Anesthesia Workshop on 8/24/2017.

**Julia Chen, MD** presented a lecture titled, “Neuromuscular Blocking Agents” at the Pediatric Anesthesiology Medical Student Lecture on 8/5/2017.

**Kathleen Chen, MD** presented a lecture titled, “Anesthesia for ENT Surgery” at the Pediatric Anesthesiology Lecture Curriculum on 8/14/2017.

**Kathleen Chen, MD** presented a lecture titled, “Anesthesia for ENT and Eye Surgery” at the Pediatric Anesthesiology Medical Student Lecture Series on 8/4/2017.

**Ken Wayman, MD** presented a lecture titled, “Financial Basics for Medical Students” at the Pediatric Anesthesiology Medical Student Lecture Series on 8/7/2017.

**Laura Ryan, MD** presented a workshop titled, “Femoral, Fascia Iliaca, Saphenous Blocks” at the Texas Children’s Hospital Regional Anesthesia Workshop on 8/5/2017.

**Laura Ryan, MD** presented a Lecture titled, “Child with a Difficult Airway” at the Pediatric Anesthesiology Resident Lecture Series on 8/7/2017.

**Lisa Caplan, MD** presented a workshop titled, “FATE” at the 6th Annual Texas Children's Hospital Perioperative Ultrasound Workshop on 8/5/2017.

**Premal Trivedi, MD** presented a workshop titled, “FATE Hands-On Workshop” at the 6th Annual Texas Children’s Perioperative Ultrasound Workshop on 8/5/2017.

**Priscilla Garcia** presented a problem based learning discussion titled, “Neurotrauma” at the Pediatric Anesthesiology Resident Lecture Series on 8/10/2017.

**Titiolopemi Aina, MD** presented a workshop titled, “Pediatric Anesthesia” at the Pediatric Anesthesiology Medical Student Lecture Series on 8/2/2017.


**Wanda C. Miller-Hance, MD** presented a workshop titled, “Focused Assessment Transthoracic Echocardiography” at the 6th Annual Texas Children’s Hospital Perioperative Ultrasound Workshop on 8/5/2017.

**Wanda C. Miller-Hance, MD** presented a lecture titled, “Focused Assessment Transthoracic Echocardiography” at the 6th Annual Texas Children’s Hospital Perioperative Ultrasound Workshop on 8/5/2017.

**William Waldrop, MD** presented a lecture titled, “Fellowship Director’s Lunch” at the Pediatric Anesthesiology Fellowship Director’s Lunch on 8/4/2017.
William Waldrop, MD presented a lecture titled, “Constructing an Engaging Problem Based Learning Discussion” at the Pediatric Anesthesiology Fellows and Faculty Conference on 8/1/2017.

Zoel Quinonez, MD presented a lecture titled, “Desaturation After Premedication” at the Pediatric Cardiovascular Anesthesia Conference on 8/24/2017.

October 2017

PROGRESS TOWARD GOALS/OBJECTIVES

The Texas Society of Anesthesiologists is a voluntary, non-profit association of 3300 members whose purpose is to advance, promote and support the practice of the medical specialty of Anesthesiology in the State of Texas. The TSA provides CME programs; advocates at the legislative, regulatory and legal arenas; and through its representation at the American Society of Anesthesiologists, Texas Medical Association and American Medical Association it insures that TSA’s voice is heard at the state and national levels. Several of our faculty attended and presented various lectures, presentations, and posters at the 2017 Texas Society of Anesthesiologists Annual Meeting on September 7 – 10, 2017 in San Antonio, Texas.

PUBLICATIONS AND PRESENTATIONS

Amber Rogers, MD presented a workshop titled, “Adult Moderate Sedation in Interventional Radiology” at the Texas Children’s Hospital, Interventional Radiology Registered Nurse Education Conference on 9/12/2017.

Amber Rogers, MD presented a Lecture titled, “Choice of Anesthetic Techniques” at the Texas Children’s Hospital, Pediatric Anesthesiology Medical Student Lecture Series on 9/6/2017.

Arvind Chandrakantan, MD presented a lecture titled, “Chronic intermittent hypoxia and hypercarbia affect neuronal function” at CAQ-CTSP the on 9/28/2017.


Carlos Rodriguez, MD presented a workshop titled, “Physician Assistant Fellows Airway Workshop” at the Baylor College of Medicine, Physician Assistant Fellows conference on 9/13/2017.

Carlos Rodriguez, MD presented a lecture titled, “Physician Assistant Fellows Airway Lecture” at the Texas Children’s Hospital, Physician Assistant Fellows Airway Lecture MWT conference on 9/13/2017.


David Young, MD presented a workshop titled, “American Board of Anesthesiology Oral Boards” at the American Board of Anesthesiology, Oral Boards in Raleigh, North Carolina on 9/22/2017.

David Young, MD presented a workshop titled, “Insitu Simulation” at the Texas Children's Hospital, Insitu Simulation Conference on 9/21/2017.

David Young, MD presented a workshop titled, “Fellows Simulation” at the Texas Children’s Hospital, Simulation Conference on 9/20/2017.

David Young, MD presented a workshop titled, “Fellows Simulation” at the Texas Children’s Hospital, Simulation Conference on 9/19/2017.

David Young, MD presented a workshop titled, “Texas Fellow Bootcamp” at the Texas Children’s Hospital, 1st Annual Texas Fellow’s Bootcamp on 9/16/2017.

David Young, MD presented a workshop titled, “Pediatric Advanced Life Support” at the Texas Children’s Hospital, Pediatric Advanced Life Support Lecture Series on 9/12/2017.

David Young, MD presented a lecture titled, “Trauma” at the Pediatric Anesthesiology Resident Lecture Series on 9/15/2017.

David Young, MD presented a workshop titled, “Pediatric Advanced Life Support” at the Pediatric Anesthesiology Resident Lecture Series on 9/14/2017.

Elisha Peterson, MD presented a lecture titled, “Post Anesthesia Care Unit” at the Pediatric Anesthesiology Resident Lecture Series on 9/25/2017.


Emad Mossad, MD presented a lecture titled, “One Lung Ventilation on Children” at the Beijing Children's Hospital Grand Rounds on 9/14/2017 in Beijing, China.

Emad Mossad, MD presented a problem based learning discussion titled, “One Lung Ventilation on Children” at Chengdu General Hospital, in Chengdu, China on 9/12/2017.

Emad Mossad, MD presented a lecture titled, “Emperor New Clothes” at Chengdu General Hospital, in Chengdu, China on 9/12/2017.


Eric Vu, MD presented a workshop titled, “Fellows Bootcamp: Vascular Access” at the Texas Children’s Hospital, 1st Annual Texas Fellow’s Bootcamp on 9/16/2017.

Eric Gottlieb, MD presented a lecture titled, “Quality Improvement Project Example” at the Pediatric Anesthesiology Fellows Quality Improvement Lecture Series on 9/21/2017.

Eric Gottlieb, MD presented a lecture titled, “Motivation vs. Resistance” at the Pediatric Anesthesiology Fellows Quality Improvement Lecture Series on 9/21/2017.

Eric Gottlieb, MD presented a lecture titled, “Coagulation Update” at the Pediatric Cardiovascular Anesthesiology Conference Series on 9/21/2017.

Eric Gottlieb, MD presented a problem based learning discussion titled, “Introduction to Patient Safety Multidisciplinary Session” at the Baylor College of Medicine, Introduction to Patient Safety Meeting on 9/19/2017 and 9/12/2017.

Eric Gottlieb, MD presented a workshop titled, “Breakthrough Communication” at the Pediatric Anesthesiology Fellows Quality Improvement Lecture Series on 9/12/2017.

Evelyn Monico, MD presented a lecture titled, “Anesthesia Out of the Operating Room” at the Pediatric Anesthesiology Resident Lecture Series on 9/28/2017.

Evelyn Monico, MD presented a problem based learning discussion titled, “Addressing Pain with Integrative Medicine at a Large Freestanding Children’s Hospital” at the American Public Health Association in Atlanta, Georgia on 9/22/2017.


Imelda Tija, MD presented a workshop titled, “Pediatric Anesthesiology Fellows Quality Improvement Lecture Series” at the Pediatric Anesthesiology Fellows Quality Improvement Lecture Series on 9/28/17 and 9/21/2017.


Imelda Tija, MD presented a workshop titled, “Pediatric Anesthesiology Fellows Quality Improvement Lecture Series” at the Pediatric Anesthesiology Fellows Quality Improvement Lecture Series on 9/28/17 and 9/21/2017.

Imelda Tija, MD presented a lecture titled, “Resident Orientation” at the Pediatric Anesthesiology Resident Orientation, on 9/6/2017.
Jamel Lowery, MD presented a lecture titled, “Quality Improvement” at the Advanced Quality Improvement Fellowship Conference on 9/15/2017.

Jamie Sinton, MD presented a lecture titled, “Transfusions & CV Pharmacology” at the Pediatric Anesthesiology Resident Lecture Series on 9/27/2017.


Jamie Sinton, MD presented a lecture titled, “General Surgery” at the Pediatric Anesthesiology Resident Lecture Series on 9/18/2017.

Jamie Sinton, MD presented a workshop titled, “Intravenous Access” at the Texas Children’s Hospital, Texas Children’s Hospital, 1st Annual Texas Fellow’s Bootcamp on 9/16/2017.

Jeffrey Widelitz, MD presented a workshop titled, “Lower Extremity Regional Anesthesia” at the Texas Children’s Hospital, 1st Annual Texas Fellow’s Bootcamp on 9/16/2017.

Karla Wyatt, MD presented a workshop titled, “Regional Anesthesia” at the Texas Children’s Hospital, 1st Annual Texas Fellow’s Bootcamp on 9/16/2017.

Katrin Campbell, MD presented a lecture titled, “Initiating a Quality Improvement Project” at the Pediatric Anesthesiology Fellows Quality Improvement Lecture Series on 9/21/2017.

Laura Ryan, MD presented a workshop titled, “Airway Management Workshop” at the Texas Children’s Hospital, 1st Annual Texas Fellow’s Bootcamp on 9/16/2017.

Laura Ryan, MD presented a lecture titled, “Craniofacial Anesthesia” at the Pediatric Anesthesiology Resident Lecture Series on 9/8/2017.

Lauren Lobaugh, MD presented a lecture titled, “Failure Modes Effects Analysis” at the Pediatric Anesthesiology Fellows Quality Improvement Lecture Series on 9/28/2017.

Lauren Lobaugh, MD presented a lecture titled, “Pediatric Advanced Life Support” at the Texas Children’s Hospital Simulation Lecture Series on 9/12/2017.


Lisa Caplan, MD presented a workshop titled, “Pediatric Anesthesia” at the Texas Children’s Hospital, 1st Annual Texas Fellow’s Bootcamp on 9/16/2017.

Lisa Caplan, MD presented a lecture titled, “Ventricular Septal Defect” at the Pediatric Cardiovascular Anesthesiology Conference on 9/14/2017.


Lisa Caplan, MD presented a panel titled, “Pediatric Anesthesia Ask the Experts” at the Texas Society of Anesthesiologists 2017 Annual Meeting on 9/9/2017 in San Antonio, Texas.

Lisa Heyden, MD presented a workshop titled, “Difficult Airway Workshop” at the Difficult Airway Workshop on 9/16/2017.

Matthew James, MD presented a lecture titled, “Quality Matters” at the Pediatric Anesthesiology Fellow’s Quality Improvement Lecture Series on 9/21/2017.

Miguel Prada, MD presented a workshop titled, “Airway” at the Texas Children’s Hospital, 1st Annual Texas Fellow’s Bootcamp on 9/16/2017.


Premal Trivedi, MD presented a workshop titled, “Difficult Vascular Access/Difficult Airway Workshops” at the Texas Children’s Hospital, 1st Annual Texas Fellow’s Bootcamp on 9/16/2017.

Premal Trivedi, MD presented a lecture titled, “Atrioventricular Septal Defects” at the Pediatric Cardiovascular Anesthesiology Conference on 9/28/2017.

Priscilla Garcia, MD presented a workshop titled, “Simulation Instructor” at the Fellows and Perioperative Services Simulation Conference on 9/19/2017.


Titilopemi Aina, MD presented a lecture titled, “Preop/Post Anesthesia Care Unit” at the Pediatric Anesthesiology Medical Student Lecture Series on 9/28/2017.

Titilopemi Aina, MD presented a lecture titled, “Anesthesia for General Surgery II” at the Pediatric Anesthesiology Resident Lecture Series on 9/21/2017.

Titilopemi Aina, MD presented a lecture titled, “Chronic Pain” at the Pediatric Anesthesiology Resident Lecture Series on 9/7/2017.

Toni Felberg, MD presented a lecture titled, “Key Driver Diagrams” at the Pediatric Anesthesiology Fellow’s Quality Improvement Conference on 9/21/2017.


William Waldrop, MD presented a lecture titled, “Fellowship Director’s Lunch” at the Pediatric Anesthesiology Fellowship Director’s Lunch meeting on 9/29/2017.

William Waldrop, MD presented a workshop titled, “Fellows Simulation Scenarios” at the Fellows Simulation Scenarios Lecture Series on 9/19/2017.

William Waldrop, MD presented a workshop titled, “Pediatric Advanced Life Support” at the Pediatric Anesthesiology Fellows Pediatric Advanced Life Support Certification course on 9/12/2017.


November 2017

PROGRESS TOWARD GOALS/OBJECTIVES

Sixteen of our of our anesthesiologists and fellows attended the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting in Boston, MA on 10/21/2017 – 10/25/2017; and the Society for Pediatric Anesthesia 31st Annual Meeting, in Boston, MA on 10/20/2017. Our anesthesiologists served in various roles such as committee members, presenters of workshops or lectures, or moderators.

We are excited to announce this year’s Pediatric Anesthesiology Match. This is an outstanding class of fellows to continue the long tradition of excellence from our department. Our Matched fellows who will start in the summer of 2018 are: Tamar Ellatery MD, Chicago IL; Mackenzie Green MD, Houston
TX; Karen Jones, Stanford CA; Kayla McGrath MD, Springfield MA; Katherine McPherson MD, Houston TX; Elizabeth Rossman-Beel, Houston TX; Michael Yim MD, Davis CA. A special thank you to R. Blaine Easley, MD; David Young, MD; and Nicholas Carling, MD for the screening of applicants and Davelyn Smith, our Education Coordinator for her incredible administrative efforts in support of our education programs.

**PUBLICATIONS AND PRESENTATIONS**

Ali Hassanpour, MD presented a problem based learning discussion titled, “Morbidly Obese, Aggressive Child in MRI” at the Pediatric Anesthesiology Faculty and Fellow Conference on 10/10/2017.  
Amber Rogers, MD presented a lecture titled, “Four Phases of a Quality Improvement Project” at the Pediatric Anesthesiology Fellows Quality Improvement Lecture Series on 10/12/2017.  
Carlos Campos, MD presented a lecture titled, “How can we avoid Immunosuppression in Colorectal Surgery” at the 88th Annual Argentinian Congress of the Surgery Society in Buenos Aires, Argentina on 10/10/2017.  
Chris Glover, MD presented a lecture titled, “PA’s guide PCA and Pain” at the Texas Children’s Hospital, Woodlands Campus, Physician’s Assistant Lecture Series on 10/02/2017.  
Erin Gottlieb, MD presented a workshop titled, “Breakthrough Communication” at the Breakthrough Communication Conference, Greenspoint Center for Women and Children on 10/5/2017.  
Evelyn Monico, MD presented a lecture titled, “Pain Teaching for new NP during IPS Week” at the Pain Pearls on the Fly Conference on 10/03/2017.  
Evelyn Monico, MD presented a problem based learning discussion titled, “Chronic Pain Teaching” at the Chronic Pain Training of Nurse Practitioner S. Ersig, on 10/02/2017.  
Evelyn Monico, MD presented a lecture titled, “Introduction to the Neurobiology of Chronic Pain” at the Physical Medicine and Rehabilitation Resident Lecture Series on 10/02/2017.  
Evelyn Monico, MD presented a lecture titled, “Introduction to Pediatric Chronic Pain” at the Physical Medicine and Rehabilitation Fellows Lecture Series on 10/02/2017.  
Helena Hippard, MD presented a lecture titled, “Quality Improvement Conference” at the Surgical Grand Rounds on 10/13/2017.  
Imelda Tija, MD presented a workshop titled, “Resident Orientation” at the Pediatric Anesthesiology Resident Orientation Series on 10/2/2017.  
Imelda Tija, MD presented a workshop titled, “Quality Improvement” at the Pediatric Anesthesiology Fellow Quality Improvement Lecture Series on 10/12/2017 and 10/5/2017.  
Imelda Tija, MD presented a lecture titled, “Root Cause Analysis” at the Pediatric Anesthesiology Fellow Quality Improvement Lecture Series on 10/12/2017.

Imelda Tija, MD presented a lecture titled, “Introduction to Quality Improvement: Resident Curriculum” at the Baylor College of Medicine, Resident Quality Improvement Curriculum Lecture Series on 10/11/2017.  
Imelda Tija, MD presented a lecture titled, “The Mechanics of PDSA Cycles” at the Pediatric Anesthesiology Fellow Quality Improvement Lecture Series on 10/05/2017.  
Jamie Sinton, MD presented a lecture titled, “Cyanosis” at the Pediatric Cardiovascular Anesthesiology Fellow and Faculty Conference on 10/12/2017.  
Karla Wyatt, MD presented a lecture titled, “Congenital Anomalies and Developmental Delay” at the Pediatric Anesthesiology Resident Lecture Series on 10/06/2017.  
Kathleen Chen, MD presented a lecture titled, “Anesthesia for ENT and Eye Surgery” at the Pediatric Anesthesiology Medical Student Lecture Series on 10/02/2017.  
Laura Ryan, MD presented a problem based learning discussion titled, “Child with a Difficult Airway” at the Pediatric Anesthesiology Resident Lecture Series on 10/09/2017.  
Lisa Caplan, MD presented a panel titled, “Pediatric Regional and Neuraxial Anesthesia” at the Pediatric Anesthesiology Journal Club on 10/03/2017.  
Mega Kanjia, MD presented a workshop titled, “Lean-1” at the Lean 1 Lecture Series, Texas Children’s Hospital on 10/03/2017.  
Mega Kanjia, MD presented a workshop titled, “Pareto Charts and Quality Improvement” at the Pediatric Anesthesiology Fellows Quality Improvement on 10/05/2017.  
Michelle Dalton, MD presented a lecture titled, “Regional Anesthesia” at the Pediatric Anesthesiology Resident Lecture Series on 10/05/2017.  
Nihar Patel, MD presented a lecture titled, “Pain Mechanisms and Pathways” at the Baylor College of Medicine Medical Student Lecture Series on 10/4/2017.  
Pablo Motta, MD presented a lecture titled, “Pharmacokinetics during CBP in Pediatric Patients” at the ICCVA 16th International Congress in Cardiothoracic and Vascular Anesthesia in Rio Brazil on 10/5/2017.  
Pablo Motta, MD presented a panel titled, “Heart and Lung Transplantation” at the ICCVA 16th International Congress in Cardiothoracic and Vascular Anesthesia in Rio Brazil on 10/6/2017.  
Priscilla Garcia, MD presented a lecture titled, “Spread the Change” at the Pediatric Anesthesiology Fellows Quality Improvement Conference on 10/12/2017.  
Titilopemi Aina, MD presented a workshop titled, “Pediatric Airway Management” at the Pediatric Anesthesiology Resident Lecture Series on 10/02/2017.  
David Mann, MD presented a lecture titled, “Anesthesia for a Hypoplastic Left Heart Syndrome Parturient” (Presented in Spanish) at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting in Boston, MA on 10/21/2017.  
Carlos Campos, MD presented a lecture at the Medically Challenging Case Presentation Sessions titled, “Laparoscopic Surgery on an infant with unrepaired Double Right Ventricle and Severe Pulmonary Stenosis” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting in Boston, MA on 10/21/2017.  
Zhe Amy Fang, MD presented a lecture at the Medically Challenging Case Presentation Sessions titled, “Stent
Placement in a Neonate with Obstructed Supracardiac Total Anomalous Pulmonary Venous Return” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting in Boston, MA on 10/21/2017.

**Julie S. Schakman, MD; Ammar Yamani, MD** presented a lecture titled, “Management of a Child with Prader-Willi Syndrome and Malignant Hyperthermia for Adonionsilectomy” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting in Boston, MA on 10/21/2017.

**David Mann, MD** presented a lecture titled, “You Can’t Make Me; When Assent is Necessary” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting in Boston, MA on 10/22/2017 and 10/24/2017.

**Dean Andropoulos, MD** presented a lecture titled, “Point of Care: Novel Use of Ultrasonography in Everyday Pediatric Anesthesia Practice” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting, in Boston, MA on 10/22/2017.


**Kim Phuong Nguyen, MD and Nihar V. Patel, MD** presented a workshop titled, “Advanced Pediatric Ultrasound Regional Anesthesia” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting, in Boston, MA on 10/22/2017.


**David Mann, MD** presented a lecture titled, “He’s 15 and Needs this Operation. But, He’s DNR; Now What?” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting, in Boston, MA on 10/22/2017 and 10/24/2017.


**David Young, MD** presented a lecture titled, “How to Design and Moderate an Effective Problem-Based Learning Discussion” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting, in Boston, MA on 10/23/2017.

**David Mann, MD** presented a lecture titled, “Anesthesia for a Hypoplastic Left Heart Syndrome Parturient” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting, in Boston, MA on 10/23/2017.


**David Young, MD** presented a lecture titled, “Effective Disclosure of a Medical Error after Using Advanced Trauma Life Support (ATLS) to Manage a Pediatric Trauma Patient” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting, in Boston, MA on 10/24/2017.

**Lisa Chan, MD** presented a lecture titled, “Your Attention Please- Distractions in the Operating Room” at the American Society of Anesthesiologists Anesthesiology, 2017 Annual Meeting, in Boston, MA on 10/24/2017.

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**December 2017**

**PUBLICATIONS AND PRESENTATIONS**

**Carlos Campos, MD** presented 3 lectures at the Mexican Society of Trauma Anesthesiology Annual Meeting, in Mexico titled “Pediatric Anesthesia During Trauma”, “Monitoring during Pediatric Anesthesia and Trauma”, and “Volume Replacement During Pediatric Anesthesia and Trauma”.

**Carlos Campos, MD** presented a lecture titled, Anesthetic Management of Congenital Cardiac Patients for Non Cardiac Surgery on 11/20/2017 and 11/23/2017.

**Michelle Dalton, MD** presented a lecture titled, “Anesthesia for the Endocrine System” at the Pediatric Anesthesiology Resident Lecture Series on 11/3/2017.

**Michelle Dalton, MD** presented a lecture titled, “Regional Anesthesia” at the Pediatric Anesthesiology Resident Lecture Series on 11/16/2017.


**Pablo Motta, MD** presented a lecture titled, “Cardiac Pacemakers and Defibrillators” at the Baylor College of Medicine Medical Student Senior Seminar on 11/10/17.


**Ashraf Resheidat, MD** presented a lecture titled, “Tetralogy of Fallot” at the Pediatric Cardiovascular Anesthesiology Fellow and Faculty Conference on 11/2/2017.

**Amber Rogers, MD** presented a lecture titled, “Choice of Anesthetic Techniques” at the Pediatric Anesthesiology Medical Student Lecture Series on 11/3/2017.

**Amber Rogers, MD** presented a lecture titled, “Choice of Anesthetic Techniques” at the Pediatric Anesthesiology Medical Student Lecture Series on 11/3/2017.


**Caitlin Sutton, MD** presented a lecture titled, “Fluid Management and Blood Therapy” at the Pediatric Anesthesiology Medical Student Lecture Series on 11/6/2017.

**Caitlin Sutton, MD** presented a lecture titled, “Informed Consent for the Obstetric Anesthesiologist” at the Student Registered Nurse Anesthetist for Obstetric Anesthesia Orientation at Ben Taub Hospital, Department of Anesthesiology, Baylor College of Medicine.

**M. Blaine Zelisko, MD** presented a workshop titled, “Upper Extremity Blocks” at the Baylor College of Medicine, Senior Seminar Lecture Series on 11/7/2017.