



DACC Newsletter Spring 2019

The University of Chicago
Department of Anesthesia & Critical Care



AT THE FOREFRONT
UChicago
Medicine

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FROM THE CHAIRMAN'S DESK



Chairman's Welcome

Dear DACC family:

The end of an academic year is always bittersweet. We say good-bye to our freshly graduated residents and fellows. We wish them well as they take their first steps in independent practice but are sad to see them leave after being part of our close-knit DACC family here in Hyde Park.

Bonds that were forged over several years and many nights and weekends are strong and hopefully will last forever. As a department, we truly appreciate that our residents entrusted us with their education and, as they say in the airline industry, we know there are other choices. So thank you for choosing us and choosing the University of Chicago.

On the other hand, June and July are also the time when we welcome our new residents and fellows. It is an exciting time, seeing our new trainees take the first steps either as freshly minted doctors or as CA-1s in their first days in the operating room.

The first half of 2019 was an exciting period for our department.

NIH-funding

In the recently released report of the 2018 NIH-funding data from the Blue Ridge Institute, our department climbed 12 ranks (from #46 to #34) and increased NIH-funding from \$355,000 (2017) to more than \$1.3M (2018). This is a tremendous accomplishment and makes us very proud about the future of our academic mission. And our projections for 2019 look even better!

New Appointments

Dr. Jihye Ha followed Dr. Stephen Cohn as medical director of DCAM and she has made great strides in her first few months. We have recruited **Dr. Julio Gonzales-Sotomayor** as inaugural chief of the Section of Regional Anesthesia and Acute Pain Management. He had a similar role at OHSU where he built a renowned regional anesthesia and acute pain management program.

Accolades

Our department had another period of wonderful accomplishments with several faculty members winning major awards. **Dr. Tom Cutter** received the **Distinguished Service Award** from the **Society for Ambulatory Anesthesia (SAMBA)**. **Dr. Michael O'Connor** received the **Hilmar Burchardi Research Award** given jointly by the **Society of Critical Care Anesthesiologists (SOCCA)** and the **Society of Critical Care Medicine (SCCM)**. Dr. David Glick received the **John D. Arnold, MD Mentor Award** from **The University of Chicago Pritzker School of Medicine** yet again. Congratulations!

At the 2019 Annual Meeting of the American Society of Anesthesiologists, **Dr. Jerry Klafta** will receive the **ASA Excellence in Education Award**, the most prestigious award in education in our specialty. This award is an incredible honor for Jerry and our department. It highlights the decades-long investment in, support and respect of education in our department by the previous department chairs, Dr. Michael Roizen and Dr. Jeffrey Apfelbaum. If you attend the 2019 ASA meeting in Orlando this year, please make sure to attend the award ceremony and our alumni reception and congratulate Jerry on this remarkable honor.

Initiatives for the next academic year

We will continue to invest heavily in our academic mission. We are in the process of recruiting two outstanding laboratory-based scientists (either MD/PhD or PhD) into our department. We have built a **clinical research core** that is led by our newly recruited clinical research manager Al McAuley to support DACC in its expansion of investigator-initiated and industry-sponsored clinical trials.

In addition, we are currently recruiting a **section chief of pediatric anesthesia**, an important position that aligns well with the substantial investments UCM made in pediatric cardiac surgery.

Alumni & Friends Activities

On Friday, **August 23, 2019**, we will launch our first annual **Ovassapian Lecture** to honor Dr. Andy Ovassapian and offer our alumni an opportunity to come to Chicago and visit their old “home.” **Dr. Michael Roizen**, former chair and now chief wellness officer at the Cleveland Clinic has agreed to be our inaugural speaker! Please join us for this wonderful opportunity to visit us. Detailed invite to follow.



Our annual alumni meeting at the ASA will be held on Saturday, Oct 19 in Orlando. Details will be sent out in due time. Please also consider joining us for our annual Drake Conference Dec 6-8, 2019 here in Chicago. It is always special, and Dr. Avery Tung and his team go to great lengths to create an exciting program.

Thank you for your continued support of our department. We are really trying hard to be the best academic department we can be. Have a great summer!

Peter
Peter Nagele, MD, MSc
Professor and Chairman
July 2019

University of Chicago Anesthesia & Critical Care Presents.....

ANDRANIK OVASSAPIAN LECTURE

Featuring: Michael F. Roizen, M.D.

“Why 6+2 is the Best Thing for You, Your Family, Your Patients, Your Health System and Your Country and How to Keep Your Brain Young Till it Happens.”

WHEN

**August 23, 2019
4:30 p.m.**

WHERE

**Center for Care and Discovery
7th Floor Board Room**



Michael F. Roizen, M.D.
Chief Wellness Officer, Cleveland Clinic
Former Chairman, University of Chicago, Dept. of Anesthesia & Critical Care

BEKER FELLOWSHIP

PHOTO COURTESY OF BERNARDO E. BEKER, MD



Bernardo and Marti Beker visiting Machu Picchu in Peru.

Our heartfelt thanks and appreciation to Bernardo and Marti Beker for endowing two generous and transformative gifts to the University of Chicago Department of Anesthesia and Critical Care, which will advance training and research in the department. The Bernardo E. Beker, MD Clinical Anesthesia Fellowship Fund is focused on supporting training at the University of Chicago for anesthesiologists educated or practicing in Uruguay. The Donald W. Benson, MD, fund will advance research and education in the Department of Anesthesia and Critical Care. Dr. Beker is a former Chief Resident and University of Chicago Residency Graduate, and Dr. Benson, former Chairman of Anesthesiology, was Dr. Beker's mentor. In Dr. Beker's words, "We're going to help advance the knowledge of anesthesiologists from Uruguay and the United States and pay our respects to Dr. Benson for how transformative he was in my life."

Picture and summary adapted from original article by Laura Ramos Hegwer: :

<https://issuu.com/medicineonthemidway/docs/medicineonthemidway-fall2016?e=3882289/40790228>

GRADUATION 2019



Anesthesiology Residency Graduation 2019 at the Quadrangle Club at the University of Chicago!

Graduating Residents:

Hassan Aboumerhi, MD
 Danisa Daubenspeck, DO
 Robert Farney, MD
 Evan Goodman, MD
 Grant Heydinger, MD
 Silas Joseph, MD
 Logan Kinch, MD
 Tristan Levey, MD
 Tiffany Lin, MD
 Patrick Mulligan, MD
 Shayna Patel, MD
 Heena Pranav, MD
 Syed Raza, MD
 Ashley Reed, MD
 Ashley Sarver, MD
 Scott Stevens, MD
 Keegan Stombaugh, MD
 Ari Tallen, MD

Graduating Fellows

David Arnolds, MD – OB Anesthesiology
 Anna Budde, MD – Critical Care

James Chen, MD – Critical Care
Laura Gonzalez, MD – Cardiothoracic Anesthesia
John Henry Harrison, MD - Cardiothoracic Anesthesia
Ahmad Khattab, DO – Pain Medicine
Alan Schurle, MD – Critical Care
Bradley Silva, MD – Pain Medicine
Aisha Sozzer, MD – Pediatric Anesthesia



PAIN FELLOWSHIP CELEBRATION



Ahmad Khattab, Magda Anitescu, and Brad Silva celebrate the last day of pain fellowship

MATCH RESULTS 2019 – RISING CA-3 RESIDENTS



Patrick Lee: Regional anesthesia/acute pain medicine at **Oregon Health & Science University**



Natalie Simak: Regional anesthesia/acute pain medicine at **University of Illinois — Chicago**



Michael Davenport: Regional anesthesia/acute pain medicine at **University of Pittsburgh**



Jordan Knox: Regional anesthesia/acute pain medicine at **Wake Forest University**



Dan Fischer: Regional anesthesia/acute pain medicine at **Brigham & Women's Hospital**



Sunny Basu: Critical care medicine at **University of Chicago**



Sachin Mehta: Cardiac anesthesiology and critical care medicine at **Duke University**



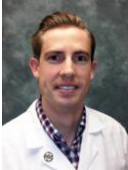
Tristan Freiling: Cardiac anesthesiology at **University of Chicago**



Eric Johnson: Cardiac anesthesiology at **University of Miami/Jackson Memorial Hospital**



Tom Wilson: Cardiac anesthesiology at **Cedars Sinai**



Keegan Stombaugh: Cardiac anesthesiology at **University of Chicago** (to follow his CCM fellowship here next year)

We now look forward to the pain medicine and pediatric anesthesiology match this fall!

INCOMING FACULTY

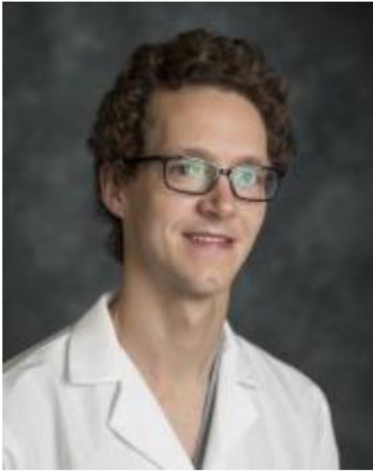


X

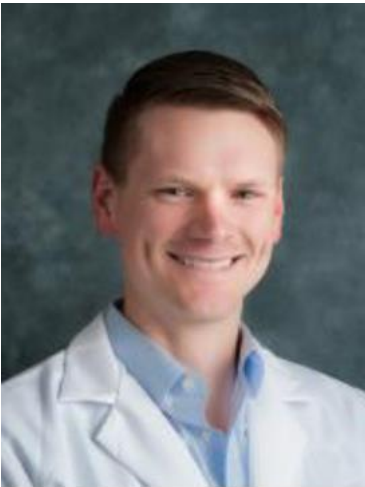
Julio Gonzalez-Sotomayor, Associate Professor. Dr. Gonzalez-Sotomayor was born and raised in Concepcion, Chile. He recently joined the DACC as an Associate Professor after spending 15 years in Portland, Oregon. In 1993, he completed his residency in Anesthesiology at the Pontificia Universidad Católica de Chile, Santiago, Chile, and in 2001, he completed a 2-year long fellowship in Pain Medicine and research training in pain mechanisms at the Johns Hopkins University School of Medicine, Baltimore, Maryland. He later received a certificate in Human Investigations (HIP) at Oregon Health and Science University, Portland, Oregon. His current position is section chief of the Regional Anesthesia and Acute Pain Service. His weekly work is divided between the operating room, the regional anesthesia service and the inpatient pain service. He is interested in Global Health and has participated in medical mission trips to Ethiopia. Julio is fluent in Spanish, English and French. His hobbies include hiking, bicycling, scuba diving, and traveling around the world.



Michael Coppes, Assistant Professor. Dr. Coppes received his M.D. from University of Chicago Pritzker School of Medicine, Chicago, IL. He completed his internship at Northshore Hospital and residency in anesthesia at Brigham and Women's Hospital. Dr. Coppes completed his Pain Medicine fellowship at the Brigham and Women's Hospital as well.



David Arnolds, MD, Assistant Professor. Dr. Arnolds grew up in Chicago, attended Williams College for his undergraduate degree, and then returned to Chicago to complete his combined MD/PhD degrees at the University of Chicago. Dr. Arnolds completed his anesthesia residency and obstetric anesthesia fellowship at University of Chicago, and he is excited to be starting his career as faculty in the Department!



Alan Schurle, MD, Assistant Professor. Dr. Schurle was born, raised, and attended college in Kansas where he completed undergraduate degrees in Chemistry and English. He joins the faculty after completing medical school, residency, and fellowship in critical care medicine at the University of Chicago. He looks forward to providing anesthesia in the ORs and working in the ICU.

ALUMNI CORNER – WHERE ARE THEY NOW?



Steven Bradley, M.D., 2018 graduate - stationed aboard the USNS Comfort off the coast of Costa Rica. He's on a 5-month humanitarian aid mission in South America. Steven is the Anesthesia Department Head. They have 4 Anesthesiologists and 4 CRNAs on the mission. Their first stops were in Ecuador and Peru where they performed over 100 surgeries at each stop.



Adarsh Patel –

Adarsh attended Univ. of Illinois College of Medicine before beginning his categorical residency at the Univ. of Chicago, Anesthesiology residency in July, 2007. After completing his residency, Adarsh then completed a Pain Medicine fellowship in DACC. He joined the anesthesia group at Rush Copley Medical Center in Aurora, IL. In July, 2019, Adarsh will have been with the practice for seven years. He participates in all types of cases from joints, craniotomies, cardiac, pediatrics to labor. In addition, Adarsh spends a couple days per week in pain clinic. Adarsh has been a regular attendee at the annual Pain Summit meeting hosted by DACC for city-wide fellowship programs every February.



When he's not working, he attends concerts, visits other countries (just recently went to Vietnam and Japan), enjoys craft beer and cycling. Adarsh still resides in the South Loop and enjoys trying menus at all the new places in the city.

RESEARCH SPOTLIGHT

Q and A with Dr. Sajid Shahul, MD, MPH, Professor and Vice Chair for Clinical Research.

Dr. Shahul is the author of over sixty research articles and is a mentor to countless faculty, residents, and medical students in the Department of Anesthesia and Critical Care.

Q: What made you become interested in research?

Dr. Shahul: Generation of new knowledge, improvement of outcomes for patients. Our research group discovered the first biomarkers for preeclampsia that predict postpartum cardiac dysfunction. Now we are working on an animal model for postpartum cardiac dysfunction.

Q: What is the most surprising aspect of your research?

Dr. Shahul: It is highly addictive, interesting, very, very hard work, and it continues to keep me very interested in the work that I do. As you dive deeper, the new knowledge that comes out and the application of that new knowledge makes research very interesting and fun`.

Q: What advice would you give to people looking to start a research career?

Dr. Shahul: Four items: 1) seek out mentors to refine and to develop your idea 2) research is hard work, so plan on hard work from the beginning to fruition of the project 3) from the beginning, think about the next project down the line. This means that each project will give you a basis for your next work 4) tap into existing resources that are available like the Institute for Translational Medicine at the University of Chicago

Q: What has made you so successful?

Dr. Shahul: Ideas and having a team of people, mentoring. My mentors helped by constantly refining my idea, helping me develop strong endpoints, opening doors for me.

Q: What do you like most about the University of Chicago Department of Anesthesia and Critical Care?

Dr. Shahul: The commitment towards research and the ability to work with junior investigators to help their careers.



RESIDENT SPOTLIGHT



Hassan Aboumerhi, MD, CA-3 rotated in Vietnam as a Society for Education in Anesthesia Fellow for Health Volunteers Overseas. Throughout the 4 weeks, Dr. Aboumerhi gave a series of daily lectures to the anesthesiology department, ranging from Anaphylactic Shock, to Pulmonary Hypertension, to Turbulent Flow Gas Density. The following is adapted from Dr. Aboumerhi's lecture to the department.

Q: Why Vietnam?

Dr. Aboumerhi: I wanted an immersive experience, an urban experience. The estimated global health deficit in 2013 is 17.4 million providers and Vietnam is no exception. It is a country that is rich in history, but has been devastated by historic events, including the Indochina war, Vietnam war, and the effects of Agent Orange.

Q: What was the hospital system like?

Dr. Aboumerhi: Vietnam has an Old French system of medicine which is very specialized, if a patient needed a different specialty they transferred to a different hospital. For example, for trauma cases, the orthopedics hospital only did orthopedic trauma, which was a challenge. The hospital floor had 6 patients per room, and one nurse for 3 rooms during the day, one nurse for 6 rooms at night. Next to the orthopedics hospital was a hospital for tropical diseases sponsored by Oxford. The hospital ER-like much of the hospital – was very busy and could even be dangerous. If someone falls asleep while waiting they may get robbed.

Q: What was it like to work in Vietnam for the anesthesiologists?

Dr. Aboumerhi: An anesthesiologist makes \$1000/month, rent is \$50/month. Vietnam does not develop its own cars so a car costs 3x what it does here because of customs.

A lot of anesthesiologists have to moonlight to make ends meet. Since it is a communist country, most leaders in the hospital have to be a member of the communist party, and an individual has to be invited to be a member of the communist party.

The hierarchy within the medical staff at the hospital was difficult to address, because it was much more structured than the hierarchy I have seen elsewhere.

Q: What were the operating rooms like?

Dr. Aboumerhi: Each room had a designated category of cases, e.g. for an ‘upper limb’ room, no lower limb surgeries would go into that room. This was a safety measure in reaction to a wrong site surgery.

A large bulk of what we saw was motorcycle accidents. Guns aren’t allowed in Vietnam, but we did see some knife incidents at the trauma hospital. We did not have platelets available. We did blood typing at the bedside. The anesthesiologists were very skilled at regional given that it is an orthopedics hospital. We did spinals without an introducer, but it was easier because most patients weighed around 50 kg. With a regional technique, the patient didn’t get additional sedation – partly cost but partly also patient expectation. A very hierarchical system – the doctors told the patients that they didn’t need sedation and the patients went along.

Q: What kind of supplies did the anesthesiologists have?

Dr. Aboumerhi: One FOB, one Glidescope in hospital. No succinylcholine, no phenylephrine, no neostigmine, no sugammadex, no dantrolene. Because no phenylephrine was available, they were a lot more careful and slower with inductions – only gave a little bit of propofol at a time.

If patient needed IV morphine or ketamine, or needed an epidural, they would have to go to the ICU.

Q: What is the food in Vietnam like?

Dr. Aboumerhi: Vietnamese food is delicious – lots of cilantro and basil.

DEPARTMENT EVENTS



Residents, Faculty, and CRNAs had a great time paddling on the Chicago River as part of a Department Kayaking Event!

CA-2 RETREAT

BY JUNAID NIZAMUDDIN, MD, PROGRAM DIRECTOR



On Saturday, May 4 we held a senior resident retreat for our rising senior residents. The first half of the day was devoted to preparation for CA3 year — we had lively discussions during a senior resident panel and a coordinator panel. During the second half of the day we held sessions preparing our residents for life beyond residency — with a panel on private practice (with some familiar faces!), Joe Szokol giving a talk on contracts & negotiation and Aalok Kacha giving a talk on financial literacy.

Match 2019-2020 Results

March 15, 2019

CA-1 Class of 2020

Categorical PG-1, 2019:

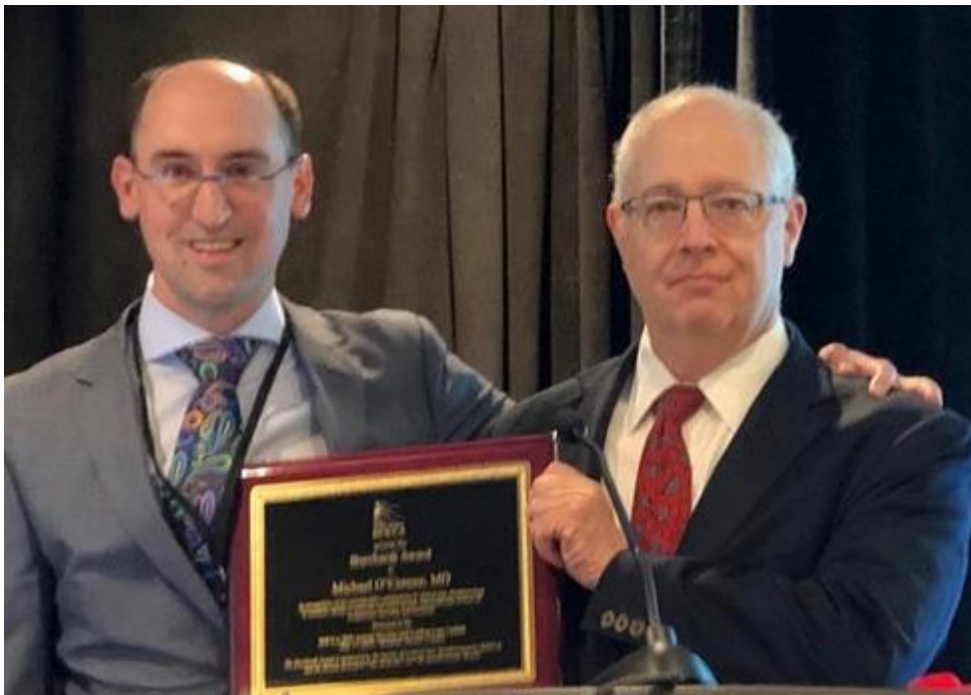
<p>Ali Arastu Univ. of Michigan, Ann Arbor, MI</p>		<p>Katherine Barnes Univ. of Illinois, Chicago, IL</p>	
<p>Gabrielle Frisenda Univ. of Queensland, Australia</p>		<p>Robert Hughey Univ. of Chicago, Chicago, IL</p>	
<p>Michael Larsen Indiana University, Indianapolis, IN</p>		<p>Maggie Smith Univ. of Wisconsin, Madison, WI</p>	
<p>Vidhan Srivastava Univ. of Missouri, Kansas City, M</p>		<p>Eric Sweeney Univ. of Iowa, Iowa City, IA</p>	

Advanced, CA-1, 2019:

<p>Osman Alam Univ. of Virginia, Charlottesville, VA</p>		<p>Thomas Bielawiec Univ. of Illinois, Chicago, IL</p>	
<p>Candice Cuppini Southern Illinois University, Springfield, IL</p>		<p>Rami Kalash Northeast Ohio University, Rootstown, OH</p>	
<p>Max Korzec Southern Illinois University, Springfield, IL</p>		<p>David Lyubashevsky New York Medical College, Valhalla, NY</p>	
<p>Kishan Patel Ohio State University, Columbus, OH</p>		<p>Joanna Peng Northeast Ohio, Rootstown, OH</p>	
<p>Milton Shapiro Sackler School of Medicine, Israel</p>		<p>Nathan Yu Northeast Ohio University, Rootstown, OH</p>	

SOCCA presents Michael O'Connor, M.D., Professor with Research Award –

Michael O'Connor, DACC Professor and Director of the Adult ICUs, also past SOCCA president and longtime ASA thought leader, was awarded the Burchardi Research Award, a prestigious joint honor through SOCCA and the Society of Critical Care Medicine



DACC Alumni, Mark Nunnally, M.D., presents Dr. O'Connor with research award at the 2019 SOCCA annual meeting.

<https://www.sccm.org/Member-Center/Awards/Burchardi-Award>

DACC Alumni reunite at SOCCA Meeting –



From left to right – Aalok Kacha (DACC Faculty), Vivek Moitra (Alumni), Sarah Pai (Alumni), Michael O'Connor (DACC Faculty), Chris Choukalas (back, Alumni), Jarva Chow (front, DACC Faculty), Avery Tung (DACC Faculty), Mark Nunnally (Alumni), Allison Dalton (DACC Faculty) and Joseph Guenzer (Alumni)

UCHICAGO MEDICINE PERFORMS BACK TO BACK ORGAN TRANSPLANTS

January 4, 2019

Written By

Ashley Heher - from <https://www.uchicagomedicine.org/forefront/transplant-articles/2019/january/uchicago-medicine-performs-historic-back-to-back-triple-organ-transplants>

Two 29-year-old patients from Michigan and Illinois are recovering following back-to-back triple-organ transplants to replace their failing hearts, livers and kidneys, marking a first in U.S. health care history.

The two surgeries, which lasted more than 17 and 20 hours each from Dec. 19 to 21, were performed by a team at the University of Chicago Medicine. According to federal statistics, this marked the **first time** a U.S. hospital has ever performed more than one of these complex procedures within one year, much less within 27 hours. These cases are the 16th and 17th time this type of triple-organ transplant has been performed in this country.

With the addition of these two cases, no other institution in the world has performed more of these procedures. UChicago Medicine also performed heart-liver-kidney transplants in 1999, 2001, 2003 and 2011.

CURRENT GRANTS

Dr. Peter Nagele, Professor and Chairman of the Department of Anesthesiology and Critical Care, received a grant from the American Foundation For Suicide Prevention for the project “Adjunctive Nitrous Oxide for Acute Suicidal Ideation in Unipolar Depressed Hospitalized Patients”

Dr. Peter Nagele, Professor and Chairman of the Department of Anesthesiology and Critical Care, received a grant from the Brain and Behavior Research Foundation for the project “Inhaled Nitrous Oxide for Treatment-Resistant Depression: Optimizing Dosing Strategies”

Dr. Peter Nagele, Professor and Chairman of the Department of Anesthesiology and Critical Care, received a grant from the National Institute of Mental Health for the project “NMDA Receptor Antagonist Nitrous Oxide Targets Affective Brain Circuits”

Dr. Peter Nagele, Professor and Chairman of the Department of Anesthesiology and Critical Care, received a grant from the National Institute of Health for the project a “Novel Strategy for Perioperative Beta-Blocker Therapy”

Dr. Sajid Shahul, Professor of Anesthesia and Vice Chair for Clinical Research received a R21 grant from the NIH. Acute respiratory distress syndrome (ARDS) accounts for 10% of admissions and 30% of mortality in intensive care units. Despite extensive basic and clinical research, hospital mortality for patients with ARDS remains as high as 45%. Major reasons for the lack of effective therapies include the lack of tools for predicting which patients will develop ARDS and the difficulty of differentiating ARDS from other causes of pulmonary edema like congestive heart failure (CHF). Because of such diagnostic uncertainty, fewer than half of ARDS cases are recognized, and ARDS-specific therapies are underutilized by 25% worldwide. Using plasma samples from the Fluid and Catheter Treatment Trial (a randomized controlled trial of liberal versus conservative fluid management) in patients with ARDS, and the Treatment of Preserved Cardiac Function Heart Failure with an Aldosterone Antagonist trial (a randomized trial of spironolactone in patients with heart failure with preserved ejection fraction), we will in AIM 1 determine how well serum Siglec-9 distinguishes between ARDS and CHF and in AIM 2 Correlate Siglec-9 levels with ARDS severity and clinical outcomes. The results of this work have tremendous potential to enable earlier diagnosis, treatment, and prognostic assessment of patients with ARDS.

Dr. Magdalena Anitescu received a grant from Medtronic for training for the University of Chicago Pain Management Fellowship

Dr. Daniel S. Mc Gehee received a grant from the National Institute on Drug Abuse for “Neural mechanisms underlying Nicotine Withdrawal”

Dr. Ming Xu received a grant from National Institute of Alcohol Abuse and Alcoholism for “A Novel cutaneous gene therapy for combating alcohol use disorder”

Dr. Daniel S. Mc Gehee received a grant from National Institute of Neurologic Disorders & Stroke for Mechanisms underlying GLP-1 receptor mediated relief of Parkinson’s disease symptoms

Dr. Sajid Shahul received a grant from National Heart, Lung, and Blood Institute for the project “Siglec 9 for the diagnosis of ARDS”

Dr. Daniel Rubin received a grant from the National Eye Institute for the project “Risk factor analysis of perioperative visual loss”

Dr. Anna Clebone is a co-investigator for the grant “Crisis management cognitive aid to improve team coordination: a multi-centre simulation study.” from the Australian and New Zealand College of Anaesthetists.

CONTRIBUTIONS TO MEDICINE & SCIENCE

Peter Nagele MD published the article “European Society of Anesthesiology Task Force on Nitrous Oxide: A Narrative Review of Its Role in Clinical Practice” in the British Journal of Anesthesia, May 2019. [Article Here](#)

Peter Nagele MD published the article “High-Sensitivity Cardiac Troponin After Cardiac Stress Test: A Systematic Review and Meta-Analysis” in the Journal of the American Heart Association, March 2019. [Article Here](#)

Peter Nagele MD published the article “Major Adverse Cardiac Events and Mortality Associated with Electroconvulsive Therapy: A Systematic Review and Meta-Analysis” in Anesthesiology, January 2019. [Article Here](#)

Peter Nagele MD published the article “High-Sensitivity Cardiac Troponin T Increases After Stress Echocardiography.” In Clinical Biochemistry, January 2019. [Article Here](#)

Journal of Cardiothoracic and Vascular Anesthesia featured article in November, 2018 “Intraoperative Use of Nondepolarizing Neuromuscular Blocking Agents During Cardiac Surgery and Postoperative Pulmonary Complications: A Prospective Randomized Trial.” Authored by DACC Faculty, **Rebecca Gerlach MD, Sajid Shahul MD, and Mark Chaney, MD** [Article Here](#)

DACC Faculty **Avery Tung MD and Sajid Shahul MD** authored the article “Association of antepartum blood pressure levels and angiogenic profile among women with chronic hypertension” in the journal Pregnancy Hypertension [Article Here](#)

Dalia Elmofty MD was published in the British Journal of Pain, February 2019, with the article “Do Not Follow the Bone, Follow the Nerve Ultrasound Guided Stellate Ganglion Block: A Reconfirmation” [Article Here](#)

DACC Faculty **Robert Fong, MD and Jimmy Xie, MD** were published in the March, 2019 issue of PLoS One for their article “[A pilot study showing that repeated exposure to stress produces alterations in subsequent responses to anesthetics in rats.](#)” [Article Here](#)

Aalok Kacha MD, Sarah Nizamuddin MD, Junaid Nizamuddin MD and Sajid Shahul MD were published in the December, 2018 issue of the Journal of Cardiovascular and Vascular Anesthesia with the article “Clinical Study Designs and Sources of Error in Medical Research”. [Article Here](#)

Keith Ruskin MD published the article “In-Flight Medical Emergencies: Who, What, and How Many?” in the January 2019 issue of Anaesthesia Intensive Care. [Article Here](#)

Keith Ruskin MD published the article “Helicopter Air Ambulance Services” in the April 2019 issue of Current Opinion in Anesthesiology. [Article Here](#)

Alina Lazar MD and Magda Anitescu, MD were published in the journal Pain Medicine in March 2019 with the article “Delayed Diagnosis of an Acute Epidural Hematoma Due to MRI Artifact from Reinforced Catheter” [Article Here](#)

Alina Lazar, MD and Magda Anitescu, MD were published in the journal Pain Medicine in April 2019 with the article “Cephalad Migration of an Epidural Catheter in an Infant After Thoracotomy.”

[Article Here](#)

Junaid Nizamuddin MD, Mohammed Minhaj MD MBA, Sarah Nizamuddin MD, Avery Tung MD, and Sajid Shahul MD published the article “Hypertensive Diseases of Pregnancy Increase Risk of Readmission With Heart Failure: A National Readmissions Database Study” in the May 2019 issue of Mayo Clinic Proceedings. [Article Here](#)

Anna Clebone MD and Avery Tung MD published the article “Matching Design to Use: A Task Analysis Comparison of Three Cognitive Aid Designs Used During Simulated Crisis Management” in the June 2019 issue of the Canadian Journal of Anesthesia. [Article Here](#)

Junaid Nizamuddin MD and Avery Tung MD published the article “Intensivist Staffing and Outcome In the ICU: Daytime, Nighttime, 24/7” in the April 2019 issue of Current Opinion in Anesthesiology. [Article Here](#)

Anna Clebone MD published the article “Transfusion Reactions and Cognitive Aids” in the January 2019 issue of Current Opinion in Anesthesiology. [Article Here](#)

Anna Clebone MD published the article “Development and Usability Testing of the Society for Pediatric Anesthesia Pedi Crisis Mobile Application” in the December 2018 issue of Anesthesia and Analgesia. [Article Here](#)

Dan Rubin MD published the article “Big Data Research in Neuro-Ophthalmology: Promises and Pitfalls” in the January 2019 issue of Journal of Neuro-Ophthalmology. [Article Here](#)

Dan Rubin MD and Avery Tung MD published the article “Introduction of A Mobile Adverse Event Reporting System Is Associated With Participation in Adverse Event Reporting” in the Jan/Feb 2019 issue of the American Journal of Medical Quality. [Article Here](#)

Sajid Shahul MD and Avery Tung MD published the article “The Hidden Value of Ultrasound” in the December 2018 issue of Anesthesia and Analgesia. [Article Here](#)

Avery Tung MD published the article “Procedural Challenges During Intubation in Patients With Oropharyngeal Masses: A Prospective Observational Study” in the March 2019 issue of Anesthesia and Analgesia. [Article Here](#)

Magdalena Anitescu MD and David Dickerson, MD published the article "The impact of psychiatric comorbidities on patient-reported surgical outcomes in adults treated for the median arcuate ligament syndrome." in the November, 2018 issue of the Journal of Vascular Surgery. [Article Here](#)

Magdalena Anitescu MD and David Dickerson, MD published the article “Postoperative continuous adductor canal block for total knee arthroplasty improves pain and functional recovery: A randomized clinical trial.” In the Journal of Clinical Anesthesia, June 2018 [Article Here](#)

Jeffrey Apfelbaum, MD and Daniel Rubin, MD published the article “Practice Advisory for Perioperative Visual Loss Associated with Spine Surgery” in 2019 in Anesthesiology. [Article Here](#)

Jeffrey Apfelbaum, MD published the article “The American Society of Anesthesiologists Practice Parameter Methodology” in 2019 in *Anesthesiology*. [Article Here](#)

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Chun-Su Yuan, Yu-Zhen Zhang, Jiawei Zhang, Ling Tan, Zhining Xia, Chong-Zhi Wang, Lian-Di Zhou, Qihui Zhang and Chun-Su Yuan published the article “Preparation and evaluation of temperature and magnetic dual-responsive molecularly imprinted polymers for the specific enrichment of formononetin.” In the *Journal of Separation Science* in June 2018. [Article Here](#)

CRNA UPDATE

We are excited to announce that 6 new CRNAs have joined us at DACC!!

Rosie Zangas
Brittany Brownlee
Derek Fiedler
Amanda Anderson
Michelle Gilhooly
Catherine Janhunnen

We are also continuing our ongoing departmental research projects. **Jamie Applegate and Nada Williamson** are working on an O2 tank project that is responsible for tracking any ICU or floor bed that comes to the OR without an O2 tank and/or O2 holder. This group also keeps track of tanks that arrive empty.

Congratulations to **Katie Attarpour and Liz Dixon** for publishing the book chapter “Pediatric Fluid Management and Infusion” in the book “Pediatric Anesthesia Illustrated” from Oxford University Press, edited by Anna Clebone and Barbara Burian with series editors Keith Ruskin and Barbara Burian

Due to the initiation of trauma care, the addition of new service lines, and an increased request for anesthesia resources, we also have expanded the number of CRNA positions available and are now actively recruiting new CRNAs! Please send inquiries to: janderson19@dacc.uchicago.edu

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Our department's vision – to become one of the leading academic anesthesiology departments in the nation – is ambitious, but achievable. Quite simply, every gift makes a difference, and every gift, regardless of size, is appreciated.

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Please type in “Department of Anesthesia and Critical Care” in the text box when making gifts online. Your contributions – regardless of size – will have a huge impact on the success of our department. Thank you!

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INAUGURAL ANDRANIK OVASSAPIAN LECTURE
SPEAKER: DR. MICHAEL ROIZEN
CHICAGO, ILLINOIS

SATURDAY OCTOBER 19, 2019
ANNUAL ASA ALUMNI GATHERING
ORLANDO, FLORIDA

FRIDAY - SUNDAY DECEMBER 6-8, 2019
33RD ANNUAL CONFERENCE ON CHALLENGES FOR CLINICIANS
THE DRAKE HOTEL, CHICAGO, ILLINOIS