

THE DAPM HANDOFF

September 2024



Dear Colleagues,

Welcome to the September 2024 issue of *The DAPM Handoff*! We have many achievements to celebrate this month, and I would like to highlight a few key accomplishments.

Dr. Eghbali and Dr. Medzikovic have published a landmark article in *Circulation* (Impact Factor 40), offering new insights and potential treatments for pulmonary hypertension. Meanwhile, Dr. Delaporte and Dr. Joosten have contributed an article to *JAMA* (Impact Factor 63), exploring the optimal strategy for managing patients on renin-angiotensin system inhibitors before surgery through the Stop-or-Not randomized clinical trial. This research addresses a critical issue we frequently encounter in our practice as anesthesiologists.

Since June, members of our department have been featured in nearly all the leading journals in our specialty, including *Anesthesiology*, *Anesthesia & Analgesia*, and the *British Journal of Anaesthesia*. Notably, the September issue of *Anesthesiology* showcased research conducted by our team on its cover. Additionally, Dr. Rajesh Kumar and Dr. Grégoire Ruffenach have both been awarded new R01 grants.

In the clinical setting, our Operating Rooms continue to be busy as we advance the frontiers of clinical care. This issue highlights the pioneering work of the Interventional Radiology team and Dr. Dane Saksa, who performed the first-ever Hepzato kit procedure at UCLA.

Finally, we celebrate our Department's commitment to education with Dr. Lindsay Brown receiving the Teacher of the Year Award.

Please read on for the following highlights:

- HumAnes of UCLA profiles of Drs. Eileen Nguyen and Colby Tanner
- Egg Retrieval Q&A: Why Should it Matter to Anesthesiologists and Other Healthcare Professionals? By Dr. Theodora Wingert
- Bioinformatics & Perioperative Analytics introduces Health Data Dialogue: A Conversation Series
- Health & Well-being Hollywood Hike on October 27
- Publications Spotlights

All the best,

HumAnes of UCLA



Eileen Nguyen, MD, PhD
CA-1 Resident Physician

"Several amazing mentors have shown me the joy of doing science to answer compelling questions in medicine, which inspired my decision to become a physician-scientist."

[Meet Eileen](#)



Colby Tanner, MD
Assistant Clinical Professor

"I really enjoy developing good working relationships with residents, surgeons, and nurses so that when I come to work, I feel like I'm among friends."

[Meet Colby](#)

FEATURE STORIES



Lindsay Brown, MD, Selected As Teacher of the Year

By Lisa Lewis, MS

[Read the story](#)

Egg Retrieval Q&A: Why Should it Matter to Anesthesiologists and Other Healthcare Professionals?

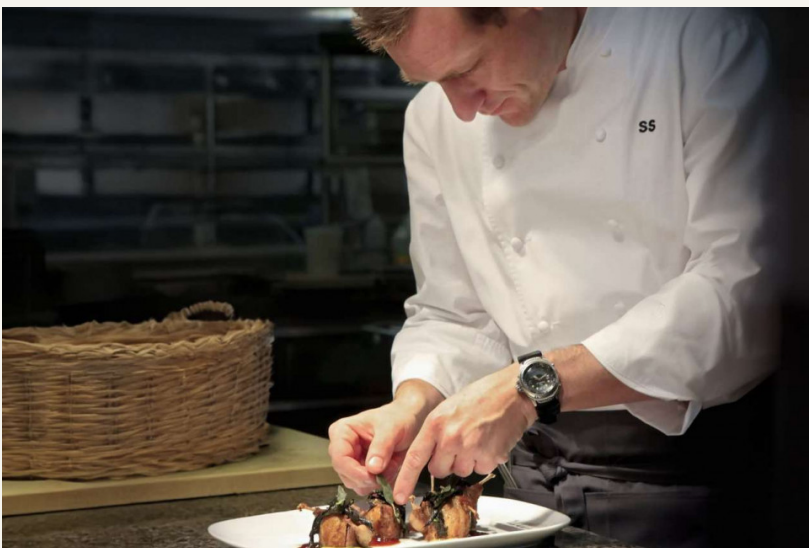


[Read the story](#)

DAPM IN THE NEWS

Novel Procedure Helps Treat Renowned Chef's Rare Eye Cancer

"The introduction of the Hepzato Kit represents a cutting-edge and promising development in addressing this challenging condition." **Dr. Dane Saksa**, Director of Non-operating Room Anesthesia



[Read the story](#)

UCLA Leadership in Anesthesiology Track Highlighted in *The ASA Monitor*

"Leadership in Anesthesiology: Skills Development at the Resident Level"

By **Mishan Rambukwella, MD, MBA**, and **Kathy Cazares, MD, MBA**

[Read the story](#)

UCLA Health Anesthesiology & Perioperative Medicine



ASA Monitor-Residents' Review

Leadership in Anesthesiology – Skills Development at the Resident Level

Mishan Rambukwella, MD, MBA
CA-3 Resident Physician

Kathy Cazares, MD, MBA
CA-3 Resident Physician

"Leadership development opportunities will not only allow residents to become leaders in the perioperative space and in health care systems at large, but also empower them to engage in advocacy, decrease levels of burnout, and ultimately increase their personal agency and fulfillment."





**Maxime Cannesson, MD, PhD Leads ASA's New
Center for Perioperative Medicine**

[Read the story](#)



RESEARCH SPOTLIGHT



Rajesh Kumar, PhD,
Receives \$2.8 Million NIH R01 Grant for
"Brain Metabolites and Temperature
Changes in Obstructive Sleep Apnea
Adults"



Grégoire Ruffenach, PhD,
Receives \$1.97 Million NIH R01 Grant for
"ZFP36, an RNA Binding Protein that
Regulates DNA Repair and Cell
Proliferation in Pulmonary Arterial
Hypertension"



UCLA-led Study Unveils New Insights For Pulmonary Hypertension

DAPM researchers **Medzikovic, Sun, Ruffenach, Aryan, Li, Umar, and Eghbali** and team offer new insights into this incurable, often-fatal disease and suggest potential new ways to treat it.

[Read the news release](#)

Amélie Delaporte, MD, and
Alexandre Joosten, MD, PhD,
are co-authors of a major

JAMA publication,
"Continuation vs
Discontinuation of Renin-
Angiotensin System
Inhibitors Before Major
Noncardiac Surgery."

[Read the publication](#)

UPCOMING EVENTS

ANESTHESIOLOGY 2024

Oct 18 - 21, 2024

[Everything you need to plan](#)

Health Data Dialogue:

A Conversation Series

[Listen to the 3-minute trailer](#)

Global Health Pathway Residents, Drs.
Dikran Nalbandian and Kathy Cazares, and
Dr. Marc Iravani travel to Ethiopia in
September

19th International Symposium on Blood
Substitutes
Nov 14 - 18, 2024

[Event Information](#)

[View the DAPM Events Calendar](#)

AWARDS & GRANTS

K. Elliott Higgins III, MD, Carla Gonzalez, Jose Carcamo Hernandez, EP, MS
David Geffen School of Medicine 2024 Cultural North Star in Action Grant
Wellness Lockers

Varina Clark, MD, and Betelehem Asnake, MD
ASA Committee on Professional Diversity Mentoring Grant
"ImpACT: Implementation and Assessment of a Global Health Curriculum for Trainees in a
Resource-limited Setting"

Ali Salehi, MD

Louis Saddic, MD, PhD

Michael Wolfe, MD

Division of Cardiothoracic
Surgery Excellence in
Cardiothoracic
Anesthesiology Award

Division of Cardiothoracic
Surgery Excellence in
Cardiothoracic
Anesthesiology Award

Division of Cardiothoracic
Surgery Excellence in
Critical Care Medicine
Award

NEW LEADERSHIP APPOINTMENTS

Jason Lee, MD, has been selected to serve on the Medical Education Committee for UCLA David Geffen School of Medicine. He joins **John Shin, MD**, who has been serving on the Medical Education Committee since 2023.

WELCOME TO DAPM!

**Jonathan Dillow, DNP,
CRNA**

Alexandra Gueli, CRNA

Daniel Lee, MD

Ido Neuman, MD

Maziar Nourian, MD



Mariah Walker, CRNA

RECENT DAPM PUBLICATIONS

Lejla Medzikovic, PhD, Wasila Sun, Grégoire Ruffenach, PhD, Laila Aryan, Min Li PhD, Soban Umar, MD, PhD, Mansoureh Eghbali, PhD: Integrative Multiomics in the Lung Reveals a Protective Role of Asporin in Pulmonary Arterial Hypertension. *Circulation*.

Alexandre Joosten, MD, PhD, Amélie Delaporte, MD: Continuation vs Discontinuation of Renin-Angiotensin System Inhibitors Before Major Noncardiac Surgery: The Stop-or-Not Randomized Clinical Trial. *JAMA*.

Adrian Arrieta, Douglas Chapski, PhD, Todd Kimball, PhD, Thomas Vondriska, PhD: Circadian control of histone turnover during cardiac development and growth. *Journal of Biological Chemistry*.

Matthew Fischer, MD, MS, Adrian Arrieta, PhD, Marina Angelini, PhD, Elizabeth Soehalim, BS, Douglas Chapaski, PhD, Richard Shemin, MD, Thomas Vondrisk, PhD, Riccardo Olcese, PhD: Decreased Left Atrial Cardiomyocyte Fibroblast Growth Factor 13 Expression Increases Vulnerability to Postoperative Atrial Fibrillation in Humans. *Journal of the American Heart Association*.

Bhaswati Roy, PhD, Rajesh Kumar, PhD: Brain gray matter changes in children at risk for sudden unexpected death in epilepsy. *Pediatric Research*.

Elliott Higgins III, MD, Maxime Cannesson, MD, PhD: The Dark Side of the Moon: Awe and Our Well-Being. *Anesthesia & Analgesia*.

Maxime Cannesson, MD, PhD: Comparison of Differences in Cohort (Forward) and Case Control (Backward) Methodologic Approaches for Validation of the Hypotension Prediction Index. *Anesthesiology*.

Sophia Poorsattar, MD: The Year in Electrophysiology: Selected Highlights From 2023. *Journal of Cardiothoracic and Vascular Anesthesia*.

Michael LoBasso, MD: Perioperative Dexamethasone in Diabetic Patients: A Systematic Review and Meta-Analysis of Randomized, Placebo-Controlled Trials. *Anesthesia & Analgesia*.

Grégoire Ruffenach, PhD, Soban Umar MD, PhD, Mansoureh Eghbali, PhD: "Dissecting the Lung Transcriptome of Pulmonary Fibrosis-associated Pulmonary Hypertension". American Journal of Physiology. *Lung Cellular and Molecular Physiology*.

Maxime Cannesson, MD, PhD: Introducing ASA's New Center for Perioperative Medicine. *The ASA Monitor*.

Nicolas Massaly, PhD: Pannexin-1 channel inhibition alleviates opioid withdrawal in rodents by modulating locus coeruleus to spinal cord circuitry. *Nature Communications*.

Matthew Fischer, MD, MS, Ji Youn Youn, PhD, Jennifer Scovotti, Tristan Grogan, MS, Hua Cai, MD, PhD: Perioperative Changes in Plasma Nitrite and IL-6 Levels Predict Postoperative Atrial Fibrillation (POAF) and Acute Kidney Injury (AKI) after Cardiac Surgery. *Antioxidants*.

Brittany Burton, MD, MHS, MAS, Maxime Cannesson, MD, PhD: The Difficulty Implementing Evidence-Based Practice in the Perioperative Setting. *Anesthesia & Analgesia*.

Lisa Lee, MD: Six Years of Quality Improvement in Pectus Excavatum Repair: Implementation of Intercostal Nerve Cryoablation and ERAS Protocols for Patients Undergoing Nuss Procedure. *Journal of Pediatric Surgery*.

Jason Batten, MD: American Society of Transplant Surgeons Normothermic Regional Perfusion Standards: Ethical, Legal, and Operational Conformance. *Transplantation*.

Sandra Sacks, MD, MEd: Pathophysiology and Management of Chest Wall Pain after Surgical and Non-Surgical Local Therapies for Lung Cancer. *JTO Clinical and Research Reports*.

Sandra Sacks, MD, MEd: Top Ten Tips Palliative Care Clinicians Should Know Before Their Patient Undergoes Surgery. *Journal of Palliative Medicine*.

Ziva Cooper, PhD: Acute effects of cannabigerol on anxiety, stress, and mood: a double-blind, placebo-controlled, crossover, field trial. *Scientific Reports*.

Maxime Cannesson, MD, PhD, Alexandre Joosten, MD, PhD: Restrictive versus Decision Support Guided Fluid Therapy During Major Hepatic Resection Surgery: A Randomized Controlled Trial. *Anesthesiology*.

Maxime Cannesson, MD, PhD, Alexandre Joosten, MD, PhD: Assisted Fluid Management and Sublingual Microvascular Flow During High-Risk Abdominal Surgery: A Randomized Controlled Trial. *Anesthesia & Analgesia*.

Maxime Cannesson, MD, PhD: Clinical Knowledge and Reasoning Abilities of AI Large Language Models in Anesthesiology: A Comparative Study on the American Board of Anesthesiology Examination. *Anesthesia & Analgesia*.

Yuhan Zhang, Hua Cai, MD, PhD: Clinical characteristics of a COVID-19 cohort treated at UCLA Ronald Reagan Medical Center during the breaking phase of the pandemic: A retrospective study. *Redox Biology*.

Mishan Rambukwella, MD, MBA, Kathy Cazares, MD, MBA: Leadership in Anesthesiology – Skills Development at the Resident Level. *The ASA Monitor*.

Daniel Cole, MD: 30-Day Mortality Goal Starts with Consistent Nomenclature. *The ASA Monitor*.

Jane Moon, MD: Origins of ASA and the American Board of Anesthesiology. *The ASA Monitor*.

Jane Moon, MD: Sir Arthur Conan Doyle, MD: Champion of Medical Realism. *Anesthesiology*.

DAPM SOCIAL MEDIA SPOTLIGHT

ucla_anesthesiology: What a great summer for UCLA Physiology Outreach Program mentors and students! 🧪 The UCLA Physiology Outreach Program provides high school students in Los Angeles with the opportunity to experience experimental research firsthand in UCLA laboratories. From UCLA DAPM, the Eghbali, Olcese, Ottolia and Vondriska labs all participated.

WELLNESS CORNER



Join us for a hike to the Hollywood Sign!

October 27 at 10:00 am


Meeting Point: Hollywood Sign via Innsdale Drive

What to Bring: Comfortable shoes, water, and excitement

[Click this link for more information.](#)

RSVP Here

We appreciate you and thank you to those who participated in the **Summer Beach Walk!** We offer similar activities as an opportunity for community engagement and to enjoy well-deserved time outdoors.



NATIONAL PHYSICIAN SUICIDE AWARENESS DAY
September 17, 2024

Your well-being matters. If you or anyone you know is experiencing signs of mental health distress, please reach out to the resources below:

988 SUICIDE & CRISIS LIFELINE
If you or someone you know needs support now, call or text **988** or chat **988lifeline.org**
Scan here for 988lifeline.org

Physician Support Line is a national, free, and confidential support line service made up of volunteer psychiatrists to provide peer support for physician colleagues
Physician Support Line (888) 409-0141
www.physiciansupportline.com

Stress and Depression Questionnaire & Anonymous Dialogue Program
WWW.UCLAWELLNESS.ORG
Please note: to receive immediate support, please contact one of the resources listed above. Live support is not offered via this program. Counselors typically respond within 24 hours.

Behavioral Wellness Center
Phone: (310) 825-9605
Email: bwc@mednet.ucla.edu
BWC serves DGSOM medical students, residents, fellows, and graduate students in Biosciences. After-hours crisis counseling is available by phone.

National Physician Suicide Awareness Day September 17, 2024

We are committed to supporting your mental health and breaking down the stigma associated with mental health care. Please see the [flyer](#) highlighting available resources.

If you feel lost or need help, please reach out and consider the mentioned resources. If you know someone who may need assistance, please listen and let them know they are not alone and consider directing them to seek help. Finally, we wish to share [Zoom backgrounds](#) to commemorate #NPSADay on September 17.

My 12-Week Journey with the BHIP

I'm really excited to share my 12-week journey with the BHIP Strength and Conditioning Program. This program is an amazing opportunity, especially for beginners, as the initial sessions are free and you get access to most UCLA facilities while participating! Additionally, BHIP offers sessions both in person and remotely three times a week, providing flexibility to fit your schedule. The 4-week nutrition assessment challenge was a real highlight, providing valuable insights into improving my diet and overall health.

The program is perfect for learning about proper exercise techniques and minimizing the risk of injury. You will learn how to do squats, deadlifts, lunges, rows, pushups, and more. The coaches are incredibly knowledgeable and supportive, making the experience really effective and enjoyable. Plus, they emphasize building habits for lifelong activity and offer ongoing program support to help integrate exercise seamlessly into your daily life.

It's also a fantastic way to connect with people from all across the campus. Whether you want to boost your fitness, improve your diet, or explore new ways to stay active, BHIP has something to offer for everyone.

If you're curious or want to learn more, I highly recommend checking it out!

Jose Hernandez Carcamo
Department of Anesthesiology, UCLA

Questions? Email BHIP



Editorial Team

Jane Moon, MD
Megan Lebre, MEd
Isabella Ramos
Linda Li, MD
Mansi Sheth, MD

[Read past issues](#)

Please refer to the following contacts for all related department requests:

- **Academic Personnel:** anesap@mednet.ucla.edu
- **Billing:** anesbilling@mednet.ucla.edu
- **Business:** anesbusinessoffice@mednet.ucla.edu
- **Clinical Research:** AnesthesiologyResearch@mednet.ucla.edu
- **Communications:** AnesthesiologyCommunications@mednet.ucla.edu
- **Contracts & Grants:** AnesContractsGrants@mednet.ucla.edu

As always, please reach out to your respective assistant for any support you may need.

