

Dear Colleagues,

It is once again a great pleasure to share the latest edition of the DAPM Handoff with you. Every two months, before releasing the issue to our broader community, I take time to review its content—and each time I am both amazed and inspired by what you are accomplishing. This month is no exception. The issue reflects everything we strive for as a Department: Excellence across all dimensions of academic medicine, grounded in camaraderie and humanism.

This month, I encourage you to pay particular attention to the outstanding research productivity of our colleagues. Research is central to our identity as a Department and as a community. We would not be who we are without a strong research program—supported by dedicated faculty, trainees, and staff. Even amid significant challenges, our research mission has never been more impactful. This success reflects not only the exceptional talent within our Division of Molecular Medicine and across our research programs, but also the culture that each of you helps to build: one that values and sustains the vital work of our researchers. This is the culture we are committed to.

Please read on for the following highlights:

- Spotlight on the Division of Cardiothoracic Anesthesiology
- HumAnes of UCLA Profiles: Quenesha Caballero and David Boldt
- Residency Graduation and Retirement Celebration
- Nicole Nguyen, MD, receives DGSOM Excellence in Teaching with Humanism Award
- Mingxia Giu, MD, PhD, published in Cell: "Co-development of mesoderm and endoderm enables organotypic vascularization in lung and gut organoids"
- · A warm welcome to new DAPM members
- Invitation to complete Fall Well-Being and Burnout Survey

Finally, please take a moment to check that your user profile contact details are accurate in <u>C8</u> Health.

Maxime Cannesson, MD, PhD

Chair, Department of Anesthesiology & Perioperative Medicine at UCLA

FEATURE ARTICLE

HumAnes of UCLA

Quenesha Caballero Senior Quality & Safety Programs Administrator

Meet Quenesha >



David Boldt, MD, MS
Clinical Professor and Division Chief,
Trauma and Adult Multi Specialty
Anesthesiology

Meet David >

DAPM CELEBRATIONS



Class of 2025 Residency Graduation

Read the article >



Retirement Celebration Honoring Drs. Kiai, Olcese, Ottolia, Rosenbaum, and Ruffalo

Read the article >

ORIGINAL ARTICLES



Inaugural Gratitude & Good Outcomes
Grand Rounds
By Megan Lebre, MEd

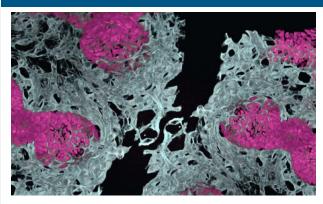


CRNA Annual Rafting Trip

By Debbie Paris Teho, MSN, CRNA

Read the article >

DAPM IN THE NEWS



Dr. Mingxia Gu and team create first minilungs with built-in blood vessels By Linda Wang, UCLA Health

Read article >



Article on LA hospitals during historic wildfires features Dr. Philip Levin and Dr.

Johnathan Pregler

By Pamela Schumacher, MS, CCMP, ASA
Monitor

Read the article >



Dr. Maxime Cannesson and Dr. Stephanie Lam publish paper on preoperative fasting By Enrique Rivero, UCLA Health

Read article >



A bedside sound bath in the operating room? Featuring Huy Vo, MSN, CRNA

By Sandy Cohen, UCLA Health

Read the article >

Dr. Nicole Nguyen receives DGSOM Excellence in Teaching with Humanism Award

Read the article >



uclahealth and ucla
Original audio

uclahealth • 1w
Clear communication is the foundation
of accessible care. Dr. Cecilia Canales
(@ucla_anetheoilogy), along with
colleagues, is leading efforts to break
down language barriers in health care
through research, training and

Shaped by her own experiences growing up, she's expanding certified interpreter services, the number of multilingual clinicians and culturally adapted resources to serve a diverse population. "Health care is about connection. When we communicate effectively, we can deliver better outcomes for everyone," says Dr. Canales.

In 2024 alone, our interpretation services supported patients in 112 languages. Read more at link in bio.

Video spotlight on breaking language barriers features DAPM members

Watch on UCLA Health Instagram >

Dr. Canales discusses new study findings on postoperative outcomes of overweight patients

Read the article >

Article on medical errors and Al featuring
Dr. Daniel Cole
By David Cox, NBC News

Read the article >

RESEARCH HIGHLIGHTS

Mingxia Giu, MD, PhD: <u>Co-development of</u> mesoderm and endoderm enables organotypic vascularization in lung and gut organoids. *Cell*.

Mete Civelek, PhD: Adipocyte-specific Krüppellike factor 14 overexpression confers sex-biased protection from weight gain on a high-fat diet. Physiological Reports.

Bhaswati Roy, PhD, and Rajesh Kumar, PhD:
Blood-Brain Barrier Dysfunction in Adults With
Heart Failure. Journal of Neuroimaging.

Mohammad Reza Hatamnejad, MD, MPH, Lejla Medzikovic, MD, Ateyeh Dehghanitafti, MD, Bita Rahman, Arjun Vadgama, Mansoureh Eghbali, PhD: Role of Gut Microbial Metabolites in Ischemic and Non-Ischemic Heart Failure. International Journal of Molecular Sciences.

Jacques Neelankavil, MD, selected as a thoracic section editor for the *Journal of Cardiothoracic and Vascular Anesthesia*.

Mete Civelek, PhD, presented "Systems Genetics of Sex Differences in Vascular Cell Gene Regulation" at the Gordon Research Conference on Vascular Cell Biology.

Dr. Civelek was also a guest on the Office Hours with Dr. Liz Wayne podcast to explore how our genes shape health. You can listen to the conversation by clicking the link: Listen to episode

FACULTY DEVELOPMENT & CAREER ADVANCEMENT

- Faculty Development & Career Advancement (FDCA) and Faculty Affairs announced expanded mentoring support for faculty of all ranks.
- Revised <u>DAPM Mentoring Process</u> is now available on C8.
- New Mentor Dashboard shows available mentors and their areas of mentoring expertise.
 Faculty can use this dashboard to search for new primary career mentors, or to form a mentoring network in support of their goals. Faculty interested in mentoring others can submit their information using the Mentor Intake & Update Form.
- Drs. Antongiorgi, Van de Wiele, and Whittington are also available to mentors for consultation and can provide resources and additional sponsorship.
- All of these new resources can be accessed in the <u>Mentor</u> and <u>Mentee</u> Toolkits on C8.

UPCOMING EVENTS

Peer Support Training Thursday, September 18 | 4:30 PM

This virtual session is part of our quarterly series and will repeat content from the previous session. Participants will receive a well-being bundle and Peer Support Team badge buddy.

Sign-up here >

Women in Anesthesiology Meeting October 10 | 6:00pm - 9:00pm

PDr. Theodora Wingert and Dr. Lindsay Brown at this year's Women in Anesthesiology Meeting ahead of ASA in San Antonio.

Why you should attend >

ANESTHESIOLOGY 2025 October 10 - 14

ASA is right around the corner! Stay tuned for a special DAPM @ ASA webpage featuring our department members' sessions.

DAPM Milestone Recognition Event Wednesday, October 29

Join us as we celebrate the individual achievements and milestones of our team members. This event is a collaborative effort between the Well-being and FDCA teams to

honor personal growth, professional accomplishments, and the unique contributions that make our workplace thrive.

View the DAPM Events Calendar

WELCOME TO DAPM!
Mete Civelek, PhD
Ryan Kuresa, CRNA
Joseph Szokol, MD, FASA
Vanessa Henke, MD
Jason Batten, MD, MA
Christopher Lee, MD
Yasmine Habli, MD
Welcome to the Class of 2029 Resident Physicians!

EXTENDED DAPM FAMILY

Maziar Nourian, MD, and his wife welcomed their first baby, Darya Nourian, on May 26, 2025.

AWARDS & GRANTS

Nicole Nguyen, MD
Excellence in Teaching
with Humanism Award and
Resident of the Quarter
Award

Natalia MacDougall, MSN,
CRNA
2025 Second Quarter Top
CRNA

George Lee, MD
Resident Educator of the
Quarter Award

Olivia Diaz

UCLA HSI Fellow and

UCLA Bedari Kindness
Institute Fellowship:

"Restorative Practices in
Academic Medicine"

Mete Civelek, PhD
American Heart
Association: International
Visiting Professorship
Award

Yue-Ming Huang, EdD,
MHS, FSSH
UCLA Bedari Kindness
Institute Fellowship: "Can
Practicing Conversations
with Al-iHELP Virtual
Patient Simulations
Increase Empathy and
Compassionate
Communication Skills?"

Cecilia Canales, MD, MPH, MS, and Yue-Ming Huang, EdD, MHS, FSSH Teaching & Learning Center Tier 3 Catalyst Grant (Educational Innovation Grants Program) "Al Training Workshop"

RECENT DAPM PUBLICATIONS

Sandra Sacks, MD, Hayley Osen, MD, Jessica Kuo, MD, & Joshua Sadik, MD. Book Chapters in Interventional Palliative Pain Procedures for Cancer Patients. Springer.

Nancy Boulos, MD, MPH, Amelie Delaporte, MD, Stephane Besada, MD, Ryan Bakhit, DO, MHS, Aline Toukhtarian, MD, Ido Neuman, MD, MPH, Daniel Pearce, MBBS, Maziar Nourian, MD, Tristan Grogan, David Boldt, MD, Maxime Cannesson, MD, PhD, Alexandre Joosten, MD: Patient preference for intraoperative opioid use and early recovery after noncardiac surgery:

protocol for a randomised factorial design trial of opioid-free versus opioid-based anaesthesia (the PERFECT trial). BJA Open.

Amelie Delaporte, MD, David Boldt, MD, Tristan Grogan, Maxime Cannesson, MD, PhD, Alexandre Joosten, MD, PhD: <u>Investigating the effectiveness of an intraoperative decision support guided fluid therapy intervention on postoperative outcome of high-risk patients undergoing high-risk abdominal surgery: protocol for an international multicentre stepped-wedge cluster-randomised implementation trial. *BJA Open*.</u>

Brittany Burton, MD, MAS, MHS: <u>In Response</u>. *Anesthesia & Analgesia*.

Maxime Cannesson, MD, PhD, Daniel Cole, MD: Emerging Technology and the Future of Perioperative Care: Perspectives and Recommendations From the 2023 Stoelting Conference of the Anesthesia Patient Safety Foundation. Anesthesia & Analgesia.

Marisa Hernandez-Morgan, MD, MA, MPP, Andrew Disque, MD, & Jacques Neelankavil, MD: SGLT2 Inhibitors: Increasing Benefits, Continued Concerns. Journal of Cardiothoracic and Vascular Anesthesia.

Alexandre Joosten, MD, PhD: Intra-operative haemodynamic monitoring and management of adults having noncardiac surgery: A statement from the European Society of Anaesthesiology and Intensive Care. European Journal of Anaesthesiology.

Lisa K Lee, MD: A Single-Center Descriptive Analysis of Interventions for Hypotension in Children: A Retrospective Cohort Study. Pediatric Anesthesia.

Alexandre Joosten, MD, PhD, & Amelie Delaporte, MD: <u>Preoperative Cardiovascular Risk and Postoperative Outcomes by Renin-Angiotensin System Inhibitor Use: A Secondary Analysis of a Randomized Clinical Trial.</u> *JAMA Cardiology.*

Emily Methangkool, MD, MPH: <u>Incivility in the Operating Room: What Is the Harm?</u> *Journal of Cardiothoracic and Vascular Anesthesia.*

Alexandre Joosten, MD, PhD: Risk factors for in-hospital postoperative complications and 6-month graft survival after liver transplantation: A multicenter cohort study. *Liver Transplantation*.

Reed Harvey, MD, Andrew Disque, MD, Sophia Poorsattar, MD, Marisa Hernandez-Morgan MD, Jonathan Ho, MD, Jacques Neelankavil MD: Concomitant Percutaneous Coronary Intervention During Transcatheter Aortic Valve Implantation: New Literature Supports Clinical Benefit. Journal of Cardiothoracic and Vascular Anesthesia.

Jonathan Jahr, MD, PhD, FASA and Rubie Choi: Expanded Access Use of Sanguinate Saves Lives: Over 100 Cases Including 14 Previously Published Cases. Anesthesia Research.

Alexandre Joosten, MD, PhD: Pain intensity after robotic-assisted urological surgery: the PAIROU study an international prospective cohort study. Anaesthesia Critical Care & Pain Medicine.

Eilon Gabel, MD and Valiollah Salari: Postoperative acute kidney injury is associated with persistent renal dysfunction: a multicentre propensity-matched cohort study. BJA Open.

Bi Mo, MD, MPH, Jerry Markar, MD: Cognitive Bias in Action: Delayed Diagnosis of Thoracic Meningioma Mimicking Lumbosacral Radiculopathy-A Case Report. *Clinical Case Reports*.

Philip Levin, MD, FACHE, FASA: <u>Patient Understanding of Health Care Practitioner Titles—A California Survey.</u> *Dermatologic Surgery.*

Alexandre Joosten, MD, PhD: The effects of maximizing stroke volume versus maintaining preoperative resting cardiac index on oxygen delivery, oxygen consumption, and microcirculatory tissue perfusion in patients having major abdominal surgery: The exploratory randomized CUSTOM trial. J Clinical Anesthesiology. Journal of Clinical Anesthesia.

Bi Mo, MD, MPH, Sandra Sacks, MD, MEd, Jerry Markar, MD: Peripheral Neuromodulation and Opioid Sparing Strategies for Mitigating Perioperative Pain in the Stabilization and Hardware Removal of Complex Trimalleolar Fractures: A Case Report. Clinical Case Reports.

Ashley Oliver, MD, MA: <u>Applying a health equity lens to the perioperative anesthetic management for coronary artery bypass grafting.</u> Cardiovascular Revascularization Medicine.

Sophia Poorsattar, MD: <u>The Year in Perioperative Echocardiography: Selected Highlights from 2024.</u> *Journal of Cardiothoracic and Vascular Anesthesia.*

Mansi Sheth, MD, Christine Nguyen-Buckley, MD, Christopher Wray, MD: Intracardiac thrombosis and its management during liver transplantation: international, multi-center, case-control study. International Journal of Surgery.

Victor Xia, MD: <u>Predicting postoperative trauma-induced coagulopathy in patients with severe injuries by machine learning.</u> *Scientific Reports.*

Hua Cai, MD, PhD: Novel and superior treatment of pulmonary hypertension with netrin-1 derived, modified and improved small peptides. Redox Biology.

Mingxia Giu, MD, PhD: Engineering blood-brain barrier microphysiological systems to model Alzheimer's disease monocyte penetration and infiltration. *Biomaterials Science*.

Michela Ottolia, PhD: Regulation of Na/Ca exchange by cytoplasmic protons modifies intracellular calcium dynamics and the cardiac response to ischemia. *PNAS*.

Christine Nguyen-Buckley, MD: The Liver Transplant Anesthesiology Fellowship Training Paradigm Across the United States: Looking for the Next Steps in Quality Education. Clinical Transplantation.

Jason Batten, MD, MA: <u>Clinicians' Perceptions About Institutional Factors in Moral Distress</u>
<u>Related to Potentially Nonbeneficial Treatments</u>. *JAMA Network Open*.

Jason Batten, MD, MA: Exploring How Claims of "Suffering" are Operationalized in Pediatric Critical Care. Journal of Pain and Sympton Management

Salvatore Daddario, MD: Simulation to Improve Medical Student Understanding of Doulas' Role. *ASME.*

Sophie Kupiec-Weglinsk, MD: An Extended Bout of Kaluresis. American Journal of Medicine.

Abraham Correa-Medina, MD: Biased regulation of protein synthesis and hypoxic death by a conditional raptor mutation. *CelPress.*

Abraham Correa-Medina, MD: <u>Social determinants of health in pediatric chronic postsurgical pain research.</u> *PAIN.*

Lucine M. Torosian, BS: SAAAPM: Representing Academic Anesthesiology. ASA Monitor.

Maxime Cannesson MD, PhD, & Alexandre, Joosten, MD, PhD: <u>Statistical Analysis and Reporting of Cardiac Output Method Comparison Studies (COMPARE) Statement.</u> Anesthesiology.

Tina Yu, MD and Brittany Burton MD, MHS, MAS: <u>Trends in Neuraxial Labor Analgesia</u> <u>Utilization: Comment.</u> Anesthesiology.

Jack Buckley, MD: <u>Keeping Patients Safe During Emergency Tracheostomy Management.</u> *APSF Newsletter.*

Daniel J. Pearce, MBBS: <u>Target Selection Signals Causally Influence Human Perceptual Decision-Making.</u> *The Journal of Neuroscience.*

Sandra Sacks, MD. Hayley Osen, MD, Jessica Kuo, MD, Joshua Sadik, MD: <u>Interventional Palliative Pain Procedures for Cancer Patients.</u> Interventional Oncology A Multidisciplinary Approach to Image-Guided Cancer Therapy

K. Elliott Higgins, III MD: When Words Falter: How Occupational III-Being Disrupts Communication and Connection. ASA Monitor.

Daniel Cole, MD: Rethinking Intraoperative EEG: A Lens Into a Deeper Understanding of the Aging Brain. The ASA Monitor.

Julia Klein, MD and Jane Moon, MD: <u>Establishing Physician-Led Anesthesiology: The Extraordinary Legacy of Emery Rovenstine</u>, MD. *The ASA Monitor*.

Cecilia Canales, MD, MPH, MS, Stephanie-Dee Sarovich, Ashley Oliver, MD, MA, Robert Whittington, MD, Maxime Cannesson, MD, PhD: Information and Counseling Gaps on Perioperative Neurocognitive Disorders Among Older Adults. Journal of the American Geriatrics Society.

Daniel J. Pearce, MBBS: <u>CLOX and neurotox: Utility of the clock drawing task in monitoring for immune effector cell-associated neurotoxicity syndrome following chimeric antigen receptor T-cell therapy</u>. British Journal of Haematology.

Johnathan Pregler, MD: Controlled Substances in the OR: A National Survey of Anesthesiologists' Practices and Perceptions. ASA Monitor.

Cecilia Canales, MD, MPH, MS, Tristan Grogan, MS, Victor Duval, MD, Robert Whittington, MD, Maxime Cannesson, MD, PhD: Body Mass Index and Postsurgical Outcomes in Older Adults.

JAMA Network Open.

Mete Civelek, PhD: <u>The Genetics of Health: Science, Ethics, and Engineering - A Conversation with Dr. Mete Civelek.</u> Office Hours Podcast with Dr. Liz Wayne.

Stephanie Lam, DO and Maxime Cannesson, MD, PhD: No association between preprocedural fasting and witnessed pulmonary aspiration: A systematic review and meta-analysis. Surgery.

Lorraine Lubin, MD, Tiffany Williams, MD, PhD, Sophia Poorsattar, MD, Ravi Gadasally, Jonathan Ho, MD, Tristan Grogan, MS, Reed Harvey, MD, Jure Marijic, MD, Jacques Neelankavil, MD: ANH in Complex Cardiac Surgery: A Prospective Randomized Study. International Journal of Blood Transfusion.

Brittany Burton MD, MHS, MAS: <u>Race</u>, <u>Ethnicity</u>, and <u>Antiemetic Management</u>: <u>Reply</u>. *Anesthesiology*.

Maxime Cannesson, MD, PhD, and Alexandre Joosten, MD, PhD: <u>Statistical Analysis and Reporting of Cardiac Output Method Comparison Studies (COMPARE) Statement.</u> *Anesthesiology.*

Jane Moon, MD: Ketamine: Taming the Tiger, Detaching the Mind. Anesthesiology.

Marc Iravani, MD, Jane Moon, MD: <u>Scopolamine and Galantamine: Resisting Circe's Charms</u>. *Anesthesiology*.

BIOINFORMATICS & PERIOPERATIVE ANALYTICS

We would like to extend a warm welcome to the inaugural members of the DAPM Resident Informaticist Track: **Austin Du**, **MD**, **and Lori Laddaran**, **MD**.

The DAPM Resident Informaticist Track is an educational initiative aimed at providing a comprehensive, longitudinal training experience for anesthesiology residents who are interested in health informatics throughout their three years of residency. Participants will work closely with faculty and staff in the DAPM Division of Bioinformatics and Perioperative Analytics to build expertise and become the next generation of leaders in health information technology and innovation.

Key topics covered include database querying and analysis, result reporting and visualization, EHR user optimization and change management, health IT governance and leadership, as well as emerging areas such as machine learning and artificial intelligence. Residents are expected to complete a Capstone Project that applies these skills and leverages the robust clinical and IT resources we have here at DAPM.

Please join us in congratulating Dr. Du and Dr. Laddaran as they embark on this exciting journey to advance the future of health informatics! If you have any questions or suggestions regarding the Resident Informaticist Track, please contact Dr. Zhi Dong at xxdong@mednet.ucla.edu.

QUALITY & PATIENT SAFETY

We still have work to accomplish to achieve compliance with the removal of PPE when leaving the OR areas:

- If you have your mask loose around your neck, please remove the mask or place it appropriately over your airway.
- Please remove any disposable head

coverings when leaving the area.

Thank you for your help with this important regulatory requirement!

HEALTH & WELL-BEING

Beach Volleyball and **Dodgers Game** were great events. Thank you for joining us and stay tuned for fall announcements!

Dr. Elliott Higgins shares the origin of the Wellbeing Influencers Survey for Healthcare (WISH) on the **Caring Greatly Podcast**.

Listen now >

Jose Hernandez Carcamo shares his experiences with UCLA Recreation, including BHiP!

Read more >

Fall Well-Being & Burnout Survey – Your Voice Matters.

This fall, DAPM will launch its annual Well-being and Burnout Survey. Your anonymous input is essential to help us improve team well-being and advance research in this area.

Highlights:

- Open to all department members—trainees, faculty, CRNAs, researchers, and staff
- IRB-approved and fully anonymous
- Quick to complete (10–30 minutes)
- Optional raffle entry available after completion
- Trainees will be invited to a brief follow-up survey

Stay tuned for the launch date—we're looking forward to hearing from you!

Spotlight on Emotional Distress after Challenging Clinical Events

This month, we are highlighting a powerful and recently published qualitative study that clarifies the emotional toll of high-stakes clinical work for anesthesiologists:

Burns CJ, Marzoughi M, Sinko L, et al. <u>"The pain and suffering are just too great for me to manage"</u>: A qualitative study of emotional distress among anesthesiologists after challenging clinical events. *Anesthesiology.* Epub ahead of print. July 17, 2025. doi:10.1097/ALN.000000000000005660

Why it matters: Anesthesiologists often manage intense clinical situations. This study helps clarify the clinical, contextual, and patient-related risk factors that contribute to emotional distress, helping identify how support may be triaged and targeted to those who most need it. We invite you to read it and share your reflections!

INCLUSIVE EXCELLENCE

September is **Women in Medicine Month**, recognizing the contributions of women physicians, residents, and medical students who are advancing equity in health care. You can explore opportunities for advocacy, policy, and education through the <u>AMA Women in Medicine Month site</u>. We also invite you to join the <u>DAPM Womxn in Anesthesia Listserv</u>, a space for womxn in our department to connect with one another, share and receive mentorship, highlight upcoming events, and offer support for the unique needs of all womxn in our community.

UCLA Health's Affinity Group - La Comunidad invites you to celebrate with us September 15 through October 15!

We are proud to celebrate Hispanic, Latino & Latinx Heritage Month with programming that uplifts and honors our community. Guided by this year's theme, "Somos LA: Honoring our roots, our power and our future," we recognize the invaluable contributions of our Hispanic, Latino, and Latinx students, trainees, staff, and faculty who help drive UCLA Health's mission forward and champion health equity.

Learn More About Events >

CONTACT US

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Read past issues

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

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





