



ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

ANNUAL MEETING 2023



April 13-15, 2023
Final Program

Contents

Thursday, April 13, 2023	3
AUA Council President’s Welcome	3
Scientific Advisory Board Oral Session I	3
Break	3
Educational Advisory Board Panel I: Reaching the Peak: Innovating Education Models Using Deliberate Practice for Skill Acquisition	4
Moderated Poster Session A	4
EAB and LAB Awards and Networking Lunch Session	4
Break	5
Host Program: University of Colorado School of Medicine	5
Break	6
Leadership Advisory Board Panel I: Is it Reverse Discrimination or is it Privilege? – There’s NO Place for Either in Academic Medicine	6
Moderated Poster Session B	6
Member Submitted Programming: Mock Study Section	6
Junior Faculty - Networking Opportunity	7
President’s Reception at the Denver Art Museum	7
Friday, April 14, 2023	7
Women in Academic Anesthesiology Networking Session	7
Educational Advisory Board Panel II: Reflective Practice	7
Break	8
Leadership Advisory Board Panel II: Mentorship Session: Physician Leadership in Health Care Systems - Coaching for Success	8
Moderated Poster Session C	8
AUA Business Meeting, ASA Update, and Lunch	8
Break	8
Scientific Advisory Board Oral Session II	9
Moderated Poster Session E	9



ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

ANNUAL MEETING 2023



April 13-15, 2023
Final Program

FAER Session	9
President’s Panel: Interfaces of Quantum Physics and Biology.....	9
Aligned Session with IARS, AUA and SOCCA: <i>Anesthesia & Analgesia</i> Sponsored Journal Symposium: Moving the Needle: Strategies for Reducing Healthcare Disparities and Increasing Health Equity	10
Saturday, April 15, 2023.....	10
IARS, AUA and SOCCA Aligned Meeting Day	10



ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

ANNUAL MEETING 2023



April 13-15, 2023
Final Program

Thursday, April 13, 2023

AUA Council President's Welcome

8:00 am – 8:05 am MT

Room Location: Capitol 1-4, Level 4

*George A. Mashour, MD, PhD,
University of Michigan Medical School, Ann Arbor, MI*

Scientific Advisory Board Oral Session I

8:05 am – 9:00 am MT

Room Location: Capitol 1-4, Level 4

Moderator: C. David Mintz, MD, PhD, Johns Hopkins Medicine, Baltimore, MD

- | | |
|-------------------|---|
| 8:05 am- 8:18 am | <p>Margaret Wood Resident Research Award
<i>An immune signature of Surgical Site Infections (SSI), a retrospective study with a novel machine learning pipeline for biomarker identification</i>
<i>Amélie Cambriel</i>
<i>Stanford University, Stanford, CA</i></p> |
| 8:18 am – 8:31 am | <p>Junior Faculty Research Award for Clinical Science
<i>Gut microbiota is associated with postoperative delirium in patients</i>
<i>Laura Zhang, MD, PhD</i>
<i>Massachusetts General Hospital/Harvard Medical School, Boston, MA</i></p> |
| 8:31 am – 8:44 am | <p>Junior Faculty Research Award for Laboratory Science
<i>Ischemic Post-Conditioning Increases Rate of Return of Spontaneous Circulation after Cardiac Arrest in Diabetic Rats</i>
<i>Matthew Barajas, MD</i>
<i>Vanderbilt University Medical Center, Nashville, TN</i></p> |
| 8:44 am – 8:57 am | <p>Top Oral Abstract
<i>Lung entropic hysteresis: The concept of retained energy in mechanically ventilated ARDS patients</i>
<i>Aiman M. Suleiman, MD, MSc</i>
<i>Beth Israel Deaconess Medical Center, Boston, MA</i></p> |

Break

9:00 am – 9:30 am MT

Room Location: Capitol Foyer, Level 4



ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

ANNUAL MEETING 2023



April 13-15, 2023
Final Program

Educational Advisory Board Panel I: Reaching the Peak: Innovating Education Models Using Deliberate Practice for Skill Acquisition

9:30 am – 10:30 am MT

Room Location: Capitol 1-4, Level 4

Moderator: Teresa A. Mulaikal, MD, FASE, Columbia University Medical Center, New York, NY

- | | |
|---------------------|---|
| 9:30 am – 9:55 am | Motion Sensing
<i>John Mitchell, MD</i>
<i>Henry Ford Health, Michigan State University CHM, Detroit Michigan</i> |
| 9:55 am – 10:20 am | Mastery-Based Learning
<i>Heather Ballard, MD</i>
<i>Lurie Children's Hospital, Chicago IL</i> |
| 10:20 am – 10:30 am | Moderated Discussion and Q&A |

Moderated Poster Session A

10:30 am – 11:30 am MT

Room Location: Centennial A-D, Level 3

EAB and LAB Awards and Networking Lunch Session

11:30 am – 12:30 pm MT

Room Location: Capitol 5-7, Level 4

- | | |
|---------------------|---|
| 11:30 am – 11:35 am | Presenting EAB Awards: <i>Ticha Munda, M.D., M.Res., University of Rochester Medical Center Rochester, NY and Arthur Calimaran, MD, Cleveland Clinic, Cleveland, OH</i> |
| | 2023 EAB Innovation Award Winner: <i>Matthew McEvoy, MD, Vanderbilt University Medical Center, Nashville, TN</i> |
| | 2022 EAB Innovation Award Winner: <i>Jed T. Wolpaw, MD, Med, Johns Hopkins Medicine, Baltimore, MD</i> |
| | 2022 EAB Research Award Winner: <i>John D. Mitchell, MD, Henry Ford Health, Detroit, MI</i> |
| 11:35 am – 11:45 am | Presenting LAB Awards: <i>Maya Hastie, MD, EdD, Columbia University, New York, NY and Tracey Straker, MD, MS, MPH, CBA, FASA, Montefiore Medical Center, Bronx, NY</i> |
| | 2023 LAB Mentoring Award Winner: <i>Jeanine Wiener-Kronish, MD, Massachusetts General Hospital, Boston, MA</i> |





ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

ANNUAL MEETING 2023



April 13-15, 2023
Final Program

2023 LAB IDEAL Award Winner: *Odinakachukwu Ehie, MD, FASA, University of California San Francisco, San Francisco, CA*

2023 LAB IDEAL Award Winner: *Tracey Straker, MD, MS, MPH, CBA, FASA, Montefiore Medical Center, Bronx, NY*

11:45 am – 11:50 am Lisa Wise Faberowski Endowment
George A. Mashour, MD, PhD, University of Michigan Medical School, Ann Arbor, MI

11:50 am – 12:30 pm Networking Lunch
eSAS Facilitators: *Jamie Privratsky, MD, PhD, Duke University Medical Center, Durham, NC, Bradley Fritz, MD, MSCI, Washington University in St. Louis, St. Louis, MO and Kimberly Rengel, MD, Vanderbilt University Medical Center*

EAB Facilitators: *Ticha Munda, M.D., M.Res., University of Rochester Medical Center Rochester, NY and Arthur Calimaran, MD, Cleveland Clinic, Cleveland, OH*

SAB Facilitators: *Ben Palanca, MD, PhD, MSCI, Washington University School of Medicine, St. Louis, MO and C. David Mintz, MD, PhD, Johns Hopkins Medicine, Baltimore, MD*

LAB Facilitators: *Kate Schenning, MD, MPH, MCR, Oregon Health and Science University, Portland, OR, Maunak Rana, MD, University of Chicago Medicine, Chicago, IL, Shahla Siddiqui, MD, MS, FCCM, Beth Israel Deaconess Medical Center, Boston, MA, and Maria Bustillo, MD, Weill Cornell Medicine, New York, NY*

Break

12:30 pm– 1:00 pm MT

Room Location: Capitol Foyer, Level 4

Host Program: University of Colorado School of Medicine

1:00 pm – 2:00 pm MT

Room Location: Capitol 1-4, Level 4

Moderator: *Vesna Jevtovic-Todorovic, MD, PhD, MBA, FASA, University of Colorado School of Medicine, Aurora, CO*

1:05 pm – 1:40 pm Multi-Year Project to Advance Orbital Mechanics and Monitoring, Artificial Intelligence, and Hypersonics
Marcus J. Holzinger, PhD, Associate Professor University of Colorado Boulder, Boulder, CO

1:40 pm – 2:00 pm Moderated Discussion and Q&A



Sessions approved for ABA MOCA 2.0® Patient Safety CME credit.



ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

ANNUAL MEETING 2023



April 13-15, 2023
Final Program

Break

2:00 pm – 2:30 pm MT

Room Location: Capitol Foyer, Level 4

Leadership Advisory Board Panel I: Is it Reverse Discrimination or is it Privilege? – There's NO Place for Either in Academic Medicine

2:30 pm – 3:30 pm MT

Room Location: Capitol 1-4, Level 4

Moderator: Tracey Straker, MD, MS, MPH, CBA, FASA, Albert Einstein College of Medicine, Montefiore Medical Center, Bronx, NY

2:30 pm – 2:45 pm	Reverse Discrimination in Academic Medicine – Fact or Fiction <i>Valerie Armstead, MD, FAAP, DABA</i> <i>Lewis Katz School of Medicine, Philadelphia, PA</i>
2:45 pm – 3:00 pm	Privilege in Academic Medicine – Fact or Fiction <i>Odinakachukwu Ehie, MD, FASA</i> <i>University of California San Francisco, San Francisco, CA</i>
3:00 pm – 3:15 pm	The Happy Medium – Can We Achieve Understanding About Equity in Academic Medicine? <i>Olobukola Nafiu, MD, MS</i> <i>Nationwide Childrens Hospital, Columbus, OH</i>
3:15 pm – 3:30 pm	Moderated Discussion and Q&A

Moderated Poster Session B

3:30 pm – 4:30 pm MT

Room Location: Centennial A-D, Level 3

Member Submitted Programming: Mock Study Section

4:30 pm – 5:30 pm MT

Room Location: Capitol 1-4, Level 4

Moderators: Jamie Privratsky, MD, PhD, Duke Health, Durham, NC and Michael Andreae, MD, Penn State Health, Hershey, PA

Michael Andreae, MD
Penn State Health, Hershey, PA

Eric Gross, MD, PhD
Stanford Medical Center, Stanford, CA



ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

ANNUAL MEETING 2023



April 13-15, 2023
Final Program

*Natalia Strunnikova, PhD, MHS
National Institute of Neurological Disorders and Stroke (NINDS), Bethesda, MD*

Junior Faculty - Networking Opportunity

5:30 pm – 6:30 pm MT
Room Location: Hotel Lobby Bar

Mentors:

*Jeffrey Kirsch, MD, University of Washington, Seattle, WA
C. David Mintz, MD, PhD, Johns Hopkins University, Baltimore, MD
George Mashour, MD, PhD, University of Michigan, Ann Arbor, MI
Warren Sandberg, MD, PhD, Vanderbilt University Medical Center, Nashville, TN*

President's Reception at the Denver Art Museum

7:00 pm – 9:30 pm MT

Friday, April 14, 2023

Women in Academic Anesthesiology Networking Session

7:30 am – 8:30 am MT
Room Location: Capitol 5-7, Level 4

Moderators: Jeanine P. Wiener-Kronish, MD, Massachusetts General Hospital, Boston, MA and Odmara Barreto Chang, MD, PhD, University of California San Francisco, San Francisco, CA

*Kathryn E. Glas, MD, MBA
University of Arizona, Tucson, Tucson, AZ*

*Jaleesa A Jackson, MD
University of Arkansas for Medical Sciences, Little Rock, AR*

Educational Advisory Board Panel II: Reflective Practice

8:45 am – 9:45 am MT
Room Location: Capitol 1-4, Level 4

Moderator: Jeffrey Berger, MD, MBA, FASA, George Washington University, Washington, DC

*8:45 am – 9:05 am Richard H. Blum MD, MSA, FAAP
Boston Children's Hospital, Harvard Medical School, Boston, MA*



ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

ANNUAL MEETING 2023



April 13-15, 2023
Final Program

9:05 am – 9:25 am *Daniel Saddawi-Konefka, MD, MBA*
Massachusetts General Hospital, Boston, MA

Break

9:45 am – 10:15 am MT
Room Location: Capitol Foyer, Level 4

Leadership Advisory Board Panel II: Mentorship Session: Physician Leadership in Health Care Systems - Coaching for Success

10:15 am – 11:15 am MT
Room Location: Capitol 1-4, Level 4
Moderator: Maya Jalbout Hastie, MD, Columbia University, New York, NY

10:15 am – 11:05 am *Donna Lynne, DrPH*
Chief Executive Officer, Denver Health, Denver, CO

11:05 am – 11:15 am *Moderated Discussion and Q&A*

Moderated Poster Session C

11:15 am – 12:15 pm MT
Room Location: Centennial A-D, Level 3

AUA Business Meeting, ASA Update, and Lunch

Room Location: Capitol 5-7, Level 4
12:15 pm– 1:15 pm MT

12:20 pm – 12:25 pm *Welcome*

12:20 pm – 12:35 pm *ASA Update*
Randall Clark, MD, FASA
Children’s Hospital Colorado, Aurora, CO

12:30 pm – 1:15 pm *AUA Business Meeting*

Break

1:15 pm– 1:45 pm MT
Room Location: Capitol Foyer, Level 4



ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

ANNUAL MEETING 2023



April 13-15, 2023
Final Program

Scientific Advisory Board Oral Session II

1:45 pm – 2:45 pm MT

Room Location: Capitol 1-4, Level 4

Moderators: Jiapeng Huang MD, PhD, FASA, FASE, University of Louisville, Louisville, KY, and Frederic T. Billings, IV, MD, Vanderbilt University School of Medicine, Nashville, TN

1:45 pm – 1:58 pm

Resident Travel Award

The causes of hypoxemia and their relative contribution in COVID-19 respiratory failure: a combined Multiple Inert Gas Elimination Technique and Dual-Energy Computed Tomography study

Mattia Busana, MD

University Medical Center Goettingen, Goettingen, Germany

1:58 pm – 2:11 pm

Junior Faculty Perioperative Medicine Research Award (Award supported by Dr. Y.S. Prakash, MD, PhD)

Rectus femoris muscle cross-sectional area measured by ultrasound is associated with postoperative recovery metrics following deceased-donor kidney transplantation

Nicholas Mendez, MD

University of California, San Francisco, San Francisco, CA

2:11 pm – 2:24 pm

Top Oral Abstract 2

The influence of intraoperative opioid administration on postoperative pain and opioid requirements

Laura A. Santa Cruz Mercado, MD

Beth Israel Deaconess Medical Center, Boston, MA

Moderated Poster Session E

2:45 pm – 3:45 pm MT

Room Location: Centennial A-D, Level 3

FAER Session

3:45 pm – 4:00 pm MT

Room Location: Capitol 1-4, Level 4

Speaker: James Eisenach, MD, Wake Forest School of Medicine, Winston-Salem, NC

President's Panel: Interfaces of Quantum Physics and Biology

4:00 pm – 5:00 pm MT

Room Location: Capitol 1-4, Level 4

Moderator: George A. Mashour, MD, PhD, University of Michigan Medical School, Ann Arbor, MI

Professor Ted Goodson, PhD

University of Michigan, Ann Arbor, MI



ASSOCIATION OF UNIVERSITY ANESTHESIOLOGISTS

ANNUAL MEETING 2023



April 13-15, 2023
Final Program

**Aligned Session with IARS, AUA and SOCCA: *Anesthesia & Analgesia* Sponsored Journal Symposium:
Moving the Needle: Strategies for Reducing Healthcare Disparities and Increasing Health Equity**

6:30 pm – 7:30 pm MT
Room Location: Centennial E-H, Level 3

Welcome Reception with IARS, AUA and SOCCA
7:30 pm – 9:30 pm MT
Room Location: Centennial Foyer, Level 3

Saturday, April 15, 2023

IARS, AUA and SOCCA Aligned Meeting Day