

**47th Annual Seminar of The American Academy of
Cardiovascular Perfusion - Webcast
Hilton St. Petersburg Bayfront
February 4-7th, 2026**

Wednesday, February 4th, 2026

5:30 pm – 7:00 pm **AI, New Technology and Education Pro/Con Debates**
Moderator: Allison Weinberg
Progressive Education Model (AI/VR) - Edward Delaney vs
Traditional Education Model (Didactic/Clinical) - Edward Darling

What is the Appropriate Level of Education?
MS (Adam Fernandez) vs Certificate (Deborah Adams)

Thursday, February 5th, 2026

7:00 am – 7:45 am Historical Video Presentation
7:45 am – 9:30 am **Special Scientific Panel Session – Adult Congenital Surgery:
An Aging Single Ventricle, How Do We Handle Them?**
Moderators: Karen Jones and Robert Grimmer
Surgical Considerations and Correction - Katsuhide Maeda, MD, PhD
Anesthesia Care Plan – Manchula Navaratnam, MD
Perfusion Management – Gerald Broniec, CCP, RRT-ACCS, CES-A
ICU Intensivist Care Plan - Aaron G. DeWitt, MD
Panel Discussion

9:30 am – 11:30 am **Fireside Chats**
Pediatric Practice Developments
The Education & Precepting of Our Future Colleagues

11:30 am – 12:30 pm Lunch (Historical Presentations)

12:30 pm – 2:30 pm **Special Scientific Panel Session – Healthcare Economics with
Industry Partners**
Industry Partners and the Economics of Cardiac Surgical Supplies
Moderators: William Riley and William DeBois

2:30 pm – 3:00 pm Historical Presentation and Break

2:50 pm - 5:00 pm **Scientific Paper Session**

LONG-TERM CLINICAL OUTCOMES AND COMPARATIVE FINANCIAL
CONSIDERATIONS OF SINGLE DOSE CARDIOPLEGIC SOLUTIONS IN CORONARY
ARTERY BYPASS GRAFTING
Orhan Eren Gunerter¹, Abducelil Yildirim¹, Kevin McCusker², William Nicotra³,
Serdar Gunaydin¹
Medical Park Hospital-Turkey¹, Lawrence Technical University-MI², St Clair Hospital-PA³

THE IMPACT OF PROTAMINE ON ACT
Aneri Patel, Nancy Torres, Ashley Fellows, Julie Collins, Allison Weinberg
Rush University Medical Center, Chicago, IL

AN EXPLORATION IN THE UTILIZATION OF VISUAL AIDS IN PERFUSION
EDUCATION: A RANDOMIZED CONTROL TRIAL
Allison Weinberg, Kelly Russell, Marisa Michi, Madison Walny
Rush University Medical Center, Chicago, IL

PEDIPERFORM DATABASE ANALYSIS OF HLHS LESION PATIENTS REGARDING
THE PREOPERATIVE, INTRAOPERATIVE AND POSTOPERATIVE CARE PLAN OF
THE NORWOOD PROCEDURE WITH COMPARISON OF ALL PLN CENTERS
Richard Melchior, Justin Farr, Tami Rosenthal
Children's Hospital of Philadelphia

MISSION TRINIDAD: TIPS, TRIALS & TRIBULATIONS.
Bharat Datt
CanAmerica Cardiopulmonary

ANALYSIS OF MICRONANOPLASTIC ACCUMULATION IN PATIENTS POST
CARDIOPULMONARY BYPASS
Vedashree Meher¹, Raymond Wong¹, Toshinobu Kazui² and Tally Largent-Milnes¹
¹Perfusion Sciences Graduate Program, Department of Pharmacology, University of
Arizona; ²Department of Surgery, University of Arizona

HYPOTENSION DURING CARDIOPLEGIA ADMINISTRATION: PLAUSIBLE ORIGINS
IN A VAGALLY MEDIATED CARDIAC DEPRESSOR REFLEX
Michael Vespe, MS, CCP
Mount Sinai Hospital, New York, NY

Friday, February 6th, 2026

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| 7:00 am – 7:45 am | Historical Video Presentation |
| 7:45 am – 9:30 am | Special Scientific Panel Session – Current State of NRP
<i>Moderators: Kathryn Gray DeAngelis and Mark Martin</i>
NRP - How to measure outcomes and develop best practice - <i>Frederick Hill</i>
Physiology of NRP and reperfusion injury/recovery - <i>Murphy Rayle</i>
Ethical Considerations on NRP from a Clerical POV- <i>Mark Martin</i>
Gift Of Life Video - Story from Parents of a Donor advocating
for NRP (<i>Courtesy of Kathryn DeAngelis</i>)
Panel Discussion |
| 9:30 am – 11:30 am | Fireside Chats
Current State of the States
Errors and Terrors |
| 11:30 am – 1:00 pm | Historical Video Presentation and Lunch |
| 1:00 pm – 2:45 pm | Special Scientific Panel Session – Innovative Pediatric Practice & Translational Research
<i>Moderator: Ronald Gorney and Justin Farr</i>
The Wisdom of LTOWB: Transforming Information and Knowledge into
Meaningful Pediatric Practice - <i>Isaac Chinnappan</i>
Three-Region Perfusion for Norwoods and Aortic Surgery
- <i>Richard Ginther</i>
Neurometabolic optical monitoring for brain-directed management of ECLS
- <i>Tiffany Ko, PhD</i>
Acute Heart Failure and Care Considerations - <i>Katsuhide Maeda, MD, PhD</i>
Panel Discussion |
| 2:45 pm – 3:15 pm | Historical Video Presentation and Break |

3:15 pm – 5:00 pm

Memorial Session

Introduction—Allison Weinberg

Charles C. Reed Memorial Lecture

Jeremiah Grisham, Chief Master Sergeant (Retired), USAF

Thomas G. Wharton Memorial Lecture

Richard Melchior, President, AACP

Saturday, February 7th, 2026

7:00 am – 7:45 am

Historical Video Presentation

7:45 am – 10:00 am

Scientific Paper Session

DECREASED SEROTONIN TRANSPORTER ACTIVITY IN THE MITRAL VALVE
CONTRIBUTES TO DEGENERATIVE MITRAL REGURGITATION

Vivian Moreno, Dr. Giovanni Ferrari (Department of Surgery, Columbia University
Irving Medical Center, New York, NY) and Dr. Robert J. Levy (Department of
Pediatrics, The Children's Hospital of Philadelphia, PA).

DOES RACE EFFECT THE PREVELANCE OF ATELECTASIS AFTER
CARDIOPULMONARY BYPASS?

Nadine Kadadu

Rush University Medical Center, Chicago, IL

MATHEMATICAL MODEL FOR BLOOD EXCHANGE DURING CARDIOPULMONARY
BYPASS TO MINIMIZE DONOR BLOOD EXPOSURE IN PATIENTS WITH BLOOD-
BORNE PATHOLOGIES

AnnMarie Marquis, Bruce Searles, Edward Darling

State University of New York Upstate Medical University

POST-MENOPAUSAL WOMEN AND ACUTE KIDNEY INJURY FOLLOWING
CARDIOPULMONARY BYPASS

Bailey Reitsma, Charleston Robinson, Allison Weinberg, Julie Collins

Rush University Medical Center, Chicago, IL

QUANTIFYING CARDIAC SURGICAL ACCESS THROUGH SPATIAL DRIVE-
TIME MODELING

Alyssa Hickerson, Will Sydzyik, Nishad Pandya, Scott C. Sanderson

University of Nebraska Medical Center

SURVEY OF UNITED STATES DE-AIRING TECHNIQUES IN ADULT
CARDIAC SURGERY

Mira Makanji, Erin Doherty

Caleb Lange Emory University

CAN VIRTUAL REALITY SERVE AS A STRESS-INOCULATION TOOL IN
CARDIOPULMONARY BYPASS TRAINING?

Tommy Nguyen, Paul Ingrassia, Jordan Hope, Edward Delaney,

Robert I. Gluck

Hofstra University, Hempstead, New York

10:00 am –12:00 pm

Fireside Chats

NRP

Team Dynamics