



**NESPRS Preliminary Program for the  
2021 Virtual Annual Meeting**

**Saturday, June 5, 2021**

- 8:00AM                      Opening Remarks – President - Richard T. Silverman, MD
- 8:05AM                      Welcome – Vice President / Program Chair – Bernard T. Lee, MD

**Scientific Session A**

Long Papers [7-Minute Papers / 3-Minute Discussion]      **General Topic – Reconstructive Surgery**

† Joseph E. Murray, M.D., Award Competition – PART I

**Moderator: Henry C. Hsia, MD**

- 8:10AM – 8:20AM    #1              A Variant of the Lateral Upper Arm Lymphatic Pathway: A Risk Factor for the  
Development of Breast Cancer Related Lymphedema  
Melisa D. Granoff, BA
- 8:20AM – 8:30AM    #2              Characteristics of Neurotization During Breast Reconstruction: Perioperative  
Outcomes Using the American College of Surgeons National Surgical Quality  
Improvement Program  
Elizabeth Laikhter, BA
- 8:30AM – 8:40AM    #3              Assessment of Financial Conflicts of Interest Related to the Use of Dermal  
Substitutes in Burn Management  
Jacob Radparvar, BS
- 8:40AM – 8:50AM    #4              Impact of Prehospital Mode of Arrival on Time to Digital Revascularization  
and Patient Outcomes  
Thomas J Martin, BA
- 8:50AM – 9:00AM    #5              Results of Rigid Sternal Fixation of Symptomatic Sternal Nonunion After Median  
Sternotomy in Cardiac Surgery  
Brian Jao, MD

**Scientific Session B**

Long Papers [7-Minute Papers / 3-Minute Discussion]      **General Topic – Basic Science & Education**

† Joseph E. Murray, M.D., Award Competition – PART II

**Moderator: David W. Mathes, MD**

- 9:00AM – 9:10AM    #6              Inducible Mouse Strain Expresses a Gain-of-Function Allele of MAP2K1  
Christopher L. Sudduth, MD

9:10AM – 9:20AM #7 Matrix Metallopeptidases and Tissue Inhibitor Matrix Metalloproteinase 1  
Dysregulation in Pressure Ulcer Wound Fluids of Smokers  
Kaiti Duan, BS

9:20AM – 9:30AM #8 Plastic Surgery Residency Training in Gender Affirmation Surgeries:  
A National Survey Study  
Shirley Shue, MD

~~9:30AM – 9:40AM #9 Examining the Intersections of Brain and Face Development~~  
~~Janina Kueper, MD PAPER WITHDRAWN~~

9:30AM – 9:40AM #10 Updated National Trends in Neonatal Mandibular Distraction Gleaned from  
the 2016 Kids' Inpatient Database: Pros and Cons of Using "Big Data" in  
Plastic Surgery Research  
SeungJu Oh, BA

### **Special Guest Lecturer**

9:40AM - 10:30AM The Reconstructive Ladder - Is It Still Relevant in 2021?  
David W. Mathes, MD – Special Guest Lecturer

10:30AM – 10:45AM ASAPS Update – William P. Adams, Jr., MD – ASAPS President

**10:45AM – 10:55AM SHORT COFFEE BREAK**

### **Scientific Session C**

Long Papers [7 Minutes]

**General Topic – Basic Science**

Moderator: **Joyce K. McIntyre, MD**

10:55AM – 11:02AM #11 Use of Absorbable Antibiotic beads in Implant-Based Breast Reconstruction  
Wayne K. Stadelmann, MD, FACS

11:02AM – 11:09AM #12 3D-Printed Muscle Surrogate for Slow Delivery of Growth Factors for Treating  
Muscle Injuries  
Indranil Sinha, MD

11:09AM – 11:16AM #13 Loss of Aryl Hydrocarbon Receptor Translocator Impairs Physiologic Response  
to Endurance Exercise in Old Mice  
Mehran Karvar, MD

11:16AM – 11:23AM #14 Generation of Animal Models For Arteriovenous and Capillary Malformations  
Patrick J. Smits, PhD

11:23AM – 11:35AM --- **DISCUSSION** ---

