



44th Annual Regional Anesthesiology & Acute Pain Medicine Meeting

April 11-13, 2019 | Caesar's Palace | Las Vegas, Nevada
#ASRASpring19



Wednesday, April 10, 2019

4:00 - 6:00 PM Pre-Registration in Foyer

Thursday, April 11, 2019

Session	Refresher Courses	Interactive Session	Interactive Sessions	Workshops	Workshops	Workshops	Workshops	Moderated ePosters A	Moderated ePosters B	
Hotel Room Name	Julius 12	Julius 7	Julius 2	Julius 19	Julius 21	Julius 17	Julius 16	Patrician	Tribune	
7:00 AM	Registration and Breakfast in Foyer									
7:15 AM	Registration and Breakfast in Foyer									
7:30 AM	Registration and Breakfast in Foyer									
7:45 AM	Registration and Breakfast in Foyer									
8:00 AM	Welcome and Opening Addresses									
8:15 AM	Refresher Course Regional Anesthesia: Anatomical Updates		IS-01 Ask the Experts Interactive Session	TICKET WS-01 Interactive Demonstration Workshop	TICKET WS-02 Interactive Demonstration Workshop	TICKET WS-03 Comprehensive Workshop		MP-01a Moderated ePosters	MP-01b Moderated ePosters	
8:30 AM										
8:45 AM				Practice Management Portfolio Case Scenarios: Part 1	Blocks for the Knee Joint: iPack, Adductor, Sciatic Nerve	Blocks for Shoulder and Clavicle Surgery	Truncal-Paravertebral Blocks			
9:00 AM										
9:15 AM										
9:30 AM										
9:45 AM	Break and Refreshments in Foyer									
10:00 AM	Refresher Course Regional Anesthesia: Beyond the Basics		IS-02 Ask the Experts Interactive Session	TICKET WS-04 Interactive Demonstration Workshop	TICKET WS-05 Interactive Demonstration Workshop		TICKET WS-06 Hands-On Workshop	MP-02a Moderated ePosters	MP-02b Moderated ePosters	
10:15 AM			Resident Jeopardy				Blocks of the Breast and Thorax (includes high-fidelity simulation)			
10:30 AM					Blocks of the Lower Limb for Surgery Below the Knee	Blocks for the Lower Arm and Hand				
10:45 AM										
11:00 AM										
11:15 AM										
11:30 AM										
11:45 AM										
12:00 PM	Lunch on Own									
12:15 PM	Lunch on Own									
12:30 PM	PBLD Luncheon Augustus 1									
12:45 PM	PBLD Luncheon Augustus 1									
1:00 PM	PBLD Luncheon Augustus 1									
1:15 PM	Lunch on Own									
1:30 PM	Special Session Best of Meeting Abstracts			TICKET WS-07 Interactive Demonstration Workshop	TICKET WS-08 Interactive Demonstration Workshop	TICKET WS-09 Comprehensive Workshop	TICKET WS-10 Hands-On Workshop	MP-03a Moderated ePosters	MP-03b Moderated ePosters	
1:45 PM										
2:00 PM				Introduction to Ultrasound of the Spine	Thinking Outside of the Box: Regional Anesthesia for Cardiac, Thoracic, and Vascular Surgery	Upper Extremity Blocks	Blocks of the Breast and Thorax (includes high-fidelity simulation)			
2:15 PM	Refresher Course Opioid Epidemic: Defining the Problem									
2:30 PM										
2:45 PM										
3:00 PM										
3:15 PM										
3:30 PM	Break and Refreshments in Foyer									
3:45 PM	Refresher Course Opioid Epidemic: The Acute Pain Physician Bending the Curve		IS-04 Ask the Experts Interactive Session	TICKET WS-11 Interactive Demonstration Workshop	TICKET WS-12 Interactive Demonstration Workshop		TICKET WS-37 Interactive Demonstration Workshop	TICKET MP-04a Moderated ePosters	MP-04b Moderated ePosters	
4:00 PM										
4:15 PM				Practice Management Portfolio Case Scenarios: Part 2	Blocks of the Abdominal Wall (TAP, TFP, QLB, Ilio-inguinal)	Ultrasound for Thoracic and Lumbar Neuraxial Blocks		Blocks for the Knee Joint: iPack, Adductor, Sciatic Nerve		
4:30 PM										
4:45 PM										
5:00 PM										
5:15 - 6:30 PM	Wine and Bubbly Networking Reception and Exhibit Hall Grand Opening Exhibit Hall									



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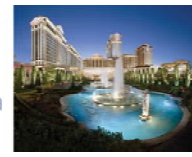
Friday, April 12, 2019

Session	Parallel Sessions A	Parallel Sessions B	Interactive Sessions	Workshops	Workshops	Workshops	Workshops	Moderated ePosters A	Moderated ePosters B	
Hotel Room Name	Julius 12	Julius 7	Julius 2	Julius 19	Julius 21	Julius 17	Julius 16	Patrician	Tribune	
7:00 AM										
7:15 AM	Non-CME Ancillary Event by Avanos (breakfast included)									
7:30 AM										
7:45 AM		Getting Started Breakfast, Exhibition, ePosters, ASRA Chat Room, Internet Café in Exhibit Hall								
8:00 AM	PS-01a Parallel Session	PS-01b Parallel Session	IS-04 Ask the Experts Interactive Session	TICKET WS-13 Interactive Demonstration Workshop	TICKET WS-14 Interactive Demonstration Workshop	TICKET WS-15 Comprehensive Workshop		MP-05a Moderated ePosters	MP-05b Moderated ePosters	
8:15 AM	From the Upside-Down: Regional Anesthesia as Seen from the Other Side (PMP)	Managing Failure and Complications in Regional Anesthesia	Managing the Opioid Free Anesthetic	Advanced Blocks of the Upper Extremity	Blocks for Shoulder and Clavicle Surgery	Lower Extremity Blocks				
8:30 AM										
8:45 AM										
9:00 AM										
9:15 AM										
9:30 AM	Break in Exhibit Hall Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café									
9:45 AM							TICKET WS-16 Hands-On Workshop			
10:00 AM							Continuous Nerve Blocks for the Upper Extremity	MP-06a Moderated ePosters	MP-06b Moderated ePosters	
10:15 AM	PS-02a Parallel Session	PS-02b Parallel Session	IS-05 Ask the Experts Interactive Session	TICKET WS-17 Interactive Demonstration Workshop	TICKET WS-18 Interactive Demonstration Workshop					
10:30 AM	Lessons to Improve your Practice	Moving Joint Surgery into the Future	Chronic Pain Techniques Useful for Acute Pain Management	Blocks for Breast Surgery	Blocks for the Hip and Proximal Lower Extremity					
10:45 AM										
11:00 AM										
11:15 AM										
11:30 AM										
11:45 AM	Break in Exhibit Hall Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café									
12:00 PM	Non-CME Ancillary Event by B. Braun Medical (lunch included)									
12:15 PM										
12:30 PM										
12:45 PM	Lunch on Own									
1:00 PM	Special Session ASA and ESRA Presidential Updates Julius 12									
1:15 PM										
1:30 PM										
1:45 PM	PS-03a Parallel Session	PS-03b Parallel Session	IS-06 Ask the Experts Interactive Session	TICKET WS-19 Interactive Demonstration Workshop	TICKET WS-20 Interactive Demonstration Workshop	TICKET WS-21 Special Session Workshop	TICKET WS-22 Hands-On Workshop	MP-07a Moderated ePosters	MP-07b Moderated ePosters	
2:00 PM	Alternatives to Opioids	ASRA/ESRA Panel: ERAS Protocols from Around the World	Talk to a Surgeon Without the Blue Drape	Blocks of the Abdominal Wall	Ultrasound for Neuraxial Blockade in Difficult Anatomy	PoCUS: Point-of-Care Ultrasound for the Regional Anesthesiologist	Continuous Nerve Blocks for the Lower Extremity			
2:15 PM										
2:30 PM										
2:45 PM										
3:00 PM										
3:15 PM	Break in Exhibit Hall Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café									
3:30 PM	New Member Meet & Greet in ASRA Chat Room									
3:45 PM										
4:00 PM	PS-04a Parallel Session	PS-04b Parallel Session	IS-07 Ask the Experts Interactive Session	TICKET WS-23 Interactive Demonstration Workshop	TICKET WS-24 Interactive Demonstration Workshop		TICKET WS-38 Interactive Demonstration Workshop	TICKET MP-08a Moderated ePosters	MP-08b Moderated ePosters	
4:15 PM	Intersection Between Chronic and Acute Pain Services	Ambulatory Surgery and Regional Anesthesia	Teaching the Teachers in Regional Anesthesiology: Application of Recent Scientific Advances	New Blocks on the Block	Head and Airway Blocks	Blocks for Breast Surgery				
4:30 PM										
4:45 PM										
5:00 PM										
5:15 PM										
5:30 - 6:30 PM	Resident/Fellow and Fellowship Directors Meet and Greet Pompeian Ballroom									



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Saturday, April 13, 2019

Session	Parallel Sessions A Award Lunch	Parallel Sessions B	Interactive Sessions	Workshops	Workshops	Workshops	Workshops	Moderated ePosters A	Moderated ePosters B
Hotel Room Name	Julius 12	Julius 7	Julius 2	Julius 19	Julius 21	Julius 17	Julius 16	Patrician	Tribune
7:00 AM	Non-CME Ancillary Event by Acacia Pharma (breakfast included)								
7:15 AM									
7:30 AM									
7:45 AM	Getting Started Breakfast, Exhibition, ePosters, ASRA Chat Room, Internet Café in Exhibit Hall								
8:00 AM	PS-05a Parallel Session POCUS SIG	PS-05b Parallel Session Pediatric Regional Anesthesia SIG	IS-08 Ask the Experts Interactive Session Improving Success in Research: Practical Advice for Publication Success	TICKET WS-25 Interactive Demonstration Workshop Continuous Blocks for the Chest and Abdomen	TICKET WS-26 Interactive Demonstration Workshop Advanced Blocks for Anterior Knee Surgery	TICKET WS-27 High-Fidelity Simulation Workshop Crisis Management for the Regional Anesthesiologist	TICKET WS-28 Resident/Fellow Workshop Ultrasound Principles: Lower Extremity, Upper Extremity, and Truncal Anatomy	MP-09a Moderated ePosters	MP-09b Moderated ePosters
8:15 AM									
8:30 AM									
8:45 AM									
9:00 AM									
9:15 AM	Break in Exhibit Hall Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café								
9:30 AM									
9:45 AM									
10:00 AM						TICKET WS-29 High-Fidelity Simulation Workshop Crisis Management for the Regional Anesthesiologist			
10:15 AM	PS-06a Parallel Session Novel Blocks: Evidence Based or Flights of Fancy	PS-06b Parallel Session Obstetric Regional Anesthesia	IS-09 Ask the Experts Interactive Session How I Do It: PoCUS and Fascial Plane Blocks (TAP, Rectus, ES, QL)	TICKET WS-30 Interactive Demonstration Workshop Introduction to POCUS: Lung, Diaphragm, Gastric and IVC	TICKET WS-31 Interactive Demonstration Workshop Pediatric Regional Anesthesia			MP-10a Moderated ePosters	MP-10b Moderated ePosters
10:30 AM									
10:45 AM									
11:00 AM									
11:15 AM									
11:30 AM	Excellence in ASRA Awards Luncheon Julius 12 TICKET								
11:45 AM									
12:00 PM									
12:15 PM									
12:30 PM									
12:45 PM									
1:00 PM									
1:15 PM	PS-07a Parallel Session Acute Pain Management's Role in Improving Long Term Outcomes	PS-07b Parallel Session Personalized Medicine and Machine Learning in Acute Pain Management		TICKET WS-39 Interactive Demonstration Workshop Introduction to POCUS: Lung, Diaphragm, Gastric and IVC	TICKET WS-33 Interactive Demonstration Workshop Open Scanning Session for Pediatric Regional Anesthesia	TICKET WS-34 Interactive Demonstration Workshop Masterclass: Block Tricks for Experts by Experts	TICKET WS-32 Interactive Demonstration Workshop The New Blocks on the Block	TICKET MP-11a Moderated ePosters	MP-11b Moderated ePosters
1:30 PM									
1:45 PM									
2:00 PM									
2:15 PM									
2:30 PM	Break and Refreshments in Foyer								
2:45 PM									
3:00 PM	PS-08a Parallel Session Interactive Session: Controversies in Regional Anesthesia	PS-08b Parallel Session Education in Regional Anesthesia SIG: The Modern Learner		TICKET WS-35 Interactive Demonstration Workshop Open Scanning Session for Adult Regional Anesthesia: Stump the Chump!	TICKET WS-36 Interactive Demonstration Workshop Masterclass: Continuous Peripheral Nerve Blockade	TICKET WS-40 Interactive Demonstration Workshop Advanced Blocks of the Upper Extremity	TICKET WS-41 Interactive Demonstration Workshop Blocks of the Abdominal Wall	TICKET MP-12a Moderated ePosters	MP-12b Moderated ePosters
3:15 PM									
3:30 PM									
3:45 PM									
4:00 PM									
4:15 PM	Session Adjournment and Free Time								
4:30 PM									
7:00 - 10:00 PM	Annual Meeting Celebration: A Night at the Omnia TICKET								



Main Meeting - Thursday, April 11, 2019

7:00 am - 7:45 am	Registration and Breakfast in Foyer		Foyer
7:45 am - 8:15 am	Welcome and Opening Addresses		Julius 12
7:45 am	Meeting Chair Welcome	Rajnish Gupta, MD	
8:00 am	ASRA Presidential Address: The Path Forward	Asokumar Buvanendran, MD	
	Refresher Course	Moderator:	
8:15 am - 9:45 am	Regional Anesthesia: Anatomical Updates	Jaime Baratta, MD	Julius 12
8:15 am	What We Have Learned about the Anatomy of the Nerve	Brian Sites, MD	1.50 credits
8:45 am	Optimal Needle Placement for Regional Anesthesia and Analgesia	Jean-Louis Horn, MD	
9:15 am	Panel Discussion and Open Forum		
9:45 am - 10:00 am	Break and Refreshments in Foyer		Foyer
	Refresher Course	Moderator:	
10:00 am - 12:00 pm	Regional Anesthesia: Beyond the Basics	Jaime Baratta, MD	Julius 12
10:00 am	Single-Shot vs. Continuous Catheters on Reducing Opioid Consumption	Gregory Liguori, MD	2.00 credits
10:35 am	How Do You Prolong a Block without a Catheter?	Brian Williams, MD	
11:05 am	Outcomes from RA: Beyond the PACU	Edward Mariano, MD	
11:35 am	Panel Discussion and Open Forum		
12:00 pm - 1:30 pm	Lunch On Own		
or			
12:15 pm - 1:15 pm	Problem-Based Learning Discussions (PBLD) Lunch		Augustus 1
	Open to all, \$90 ticket required, lunch included, see list		1.00 credit
	Special Session	Moderator:	
1:30 pm - 2:15 pm	ASRA Research Update and Best of Meeting Abstracts	Stavros Memtsoudis, MD	Julius 12
1:30 pm	ASRA Research Committee Chair Update	Stavros Memtsoudis, MD	non-CME
1:45 pm	Abstract 6582: Chloroprocaine vs. Prilocaine for Spinal Anesthesia in Day-Case Knee Arthroscopy: A Double-Blind Randomized Trial		
1:50 pm	Abstract 6973: A Non-Inferiority Trial of Ultrasound Guided Bilateral Rectus Sheath Block with Multimodal Analgesia Versus Intrathecal Morphine in Gynaecological Oncology Surgery		
1:55 pm	Abstract 7368: Lidocaine Infusion During Hip Arthroplasty Modulates the Surgical Immune Response and Decreases Postoperative Pain		
2:00 pm	Abstract 6562: Comparison of 3 Perioperative Analgesic Approaches for Patients Undergoing Major Lower Extremity Amputation		
2:05 pm	Abstract 6751: The Effect of Perioperative IV Acetaminophen Administration on Intraoperative and Postoperative Opioid Use and Pain Scores in Minimally Invasive Spine Surgery		
2:10 pm	Adjournment and Transition to Next Session		
	Refresher Course	Moderator:	
2:15 pm - 3:30 pm	Opioid Epidemic: Defining the Problem with the US Surgeon General	Asokumar Buvanendran, MD	Julius 12
2:15 pm	Introduction	Asokumar Buvanendran, MD	1.25 credits
2:30 pm	Opioid Epidemic: Perspectives from the Surgeon General	Jerome Adams, MD, MPH	
3:10 pm	Panel Discussion and Open Forum		
3:30 pm - 3:45 pm	Break and Refreshments in Foyer		Foyer
	Refresher Course	Moderator:	
3:45 pm - 5:15 pm	Opioid Epidemic: The Acute Pain Physician Bending the Curve	Asokumar Buvanendran, MD	Julius 12
3:45 pm	Perioperative Opioids in Adolescents and Susceptibility to Addiction	Christine Greco, MD	1.50 credits
4:05 pm	Impact of Modern Multimodals on Opioid Reduction	Asokumar Buvanendran, MD	
4:25 pm	Optimizing the Perioperative Pain Management of Patients in an Opioid World	Chad Brummett, MD	
4:45 pm	Panel Discussion and Open Forum		
	Special Event		
5:15 pm - 6:30 pm	Wine and Bubbly Networking Reception and Exhibit Hall Grand Opening		Exhibit Hall
	Free to all attendees, guest tickets \$30, 21 and over only		



Main Meeting - Friday, April 12, 2019

7:00 am - 7:45 am	Non-CME Ancillary Event by Avanos (breakfast included) 'Long-Acting' Local Anesthetics: Why They Fall Short		Julius 12
7:30 am - 8:00 am	Getting Started Breakfast, Exhibition, ePosters, ASRA Chat Room, Internet Café		Exhibit Hall
8:00 am - 9:30 am	PS-01a Parallel Session (PMP) From the Upside-Down: Regional Anesthesia as Seen from the Other Side	Moderator: Alexandru Visan, MD	Julius 12
8:00 am	C-Suite: Pros/Cons of Regional Anesthesia as a Value to Health Care Economics	Neil Ravitz, MD	1.50 credits
8:15 am	Anesthesiologist's View: The Impact of Regional Anesthesia in Advancing Pain Management for Knee and Hip Replacement Surgery	Sandra Kopp, MD	
8:30 am	Surgeon's Opinion: How Choice of Anesthesia Affects Outcomes and Recovery	Mark I. Froimson, MD, MBA	
8:45 am	Patient's Perspective: What Does the Patient Hear about the Risks and Benefits of Regional	Margaret Venable	
9:00 am	Panel Discussion and Open Forum		
8:00 am - 9:30 am	PS-01b Parallel Session Managing Failure and Complications in Regional Anesthesia	Moderator: Joseph Neal, MD	Julius 7
8:00 am	Management of Nerve Injury	Danielle Ludwin, MD	1.50 credits
8:20 am	Rebound Pain after Regional Anesthesia	Colin McCartney, MBChB, PhD	
8:40 am	Failed Blocks/Catheters Especially at Home	Glenn Woodworth, MD	
9:00 am	Panel Discussion and Open Forum		
9:30 am - 10:15 am	Break in Exhibit Hall Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café		Exhibit Hall
10:15 am - 11:45 am	PS-02a Parallel Session (PMP) Lessons to Improve Your Practice	Moderator: Kamen Vlasskov, MD	Julius 12
10:15 am	Impact of the Changing Healthcare Law on your Practice	Edward Mariano, MD	1.50 credits
10:35 am	Survive and Thrive: Building and Growing your Regional Practice (Private Practice and Academic)	Alexandru Visan, MD	
10:55 am	Dealing with Variable Competence within your Group	Sanjay Sinha, MD	
11:15 am	Panel Discussion and Open Forum		
10:15 am - 11:45 am	PS-02b Parallel Session Moving Joint Surgery into the Future	Moderator: Gregory Liguori, MD	Julius 7
10:15 am	ERAS Protocol for Hip Fracture (Include Multimodal, Opioid Minimization, Femoral Block/Cath)	Jaime Baratta, MD	1.50 credits
10:35 am	TKA and THA in the Outpatient Arena	Katharine Fleischmann, MD	
10:55 am	Moving Shoulder Arthroplasty Away from the Hospital	Anthony Romeo, MD	
11:15 am	ASRA Guidelines: Tranexamic Acid in Total Joint Arthroplasty	Stavros Memtsoudis, MD	
11:35 am	Panel Discussion and Open Forum		
12:00 pm - 12:45 pm	Non-CME Ancillary Event by B. Braun Medical (lunch included) Fast Track Spinal Anesthesia: A New Kid in Town		Julius 12
or			
11:45 am - 1:00 pm	Lunch On Own		
1:00 pm - 1:45 pm	Special Session ASA and ESRA Presidential Updates	Moderator: Asokumar Buvanendran, MD	Julius 12
1:00 pm	ASA Presidential Update	Linda Mason, MD	0.75 credits
1:30 pm	ESRA Presidential Update	Alain Delbos, MD	
1:40 pm	Adjournment and Transition to Next Session		
1:45 pm - 3:15 pm	PS-03a Parallel Session Alternatives to Opioids	Moderator: David Provenzano, MD	Julius 12
1:45 pm	Cannabinoids: Utilization for Inpatient/Outpatient Care	Adrianne Wilson-Poe, PhD	1.50 credits
2:05 pm	ASRA Guidelines: Use of Intravenous Ketamine Infusions for Acute Pain	Eric Schwenk, MD	
2:25 pm	Cryoneurolysis and Percutaneous Peripheral Nerve Stimulation	Brian Ilfeld, MD	
2:45 pm	Panel Discussion and Open Forum		
1:45 pm - 3:15 pm	PS-03b Parallel Session ASRA/ESRA Panel: ERAS Protocols from Around the World	Moderator: Asokumar Buvanendran, MD	Julius 7
1:45 pm	Regional Anesthesia and ERAS: The European Experience	Alain Delbos, MD	1.50 credits
2:05 pm	Regional Anesthesia and Acute Pain Management in a Nationalized Health System	Amit Pawa, MD	
2:25 pm	Green Anesthesia: Lessons from an International Perspective	Timur Ozelsel, MD	
2:45 pm	Panel Discussion and Open Forum		



3:15 pm - 4:00 pm	Break in Exhibit Hall and New Member Meet and Greet		Exhibit Hall
	Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café		
4:00 pm - 5:30 pm	PS-04a Parallel Session Intersection Between Chronic and Acute Pain Services	Moderator: David Provenzano MD	Julius 12
4:00 pm	Management of the Opioid Tolerant Patient in Acute Pain	T. Kyle Harrison, MD	1.50 credits
4:20 pm	Preoperative Psychological Intervention	Chad Brummett, MD	
4:40 pm	Managing the Acute Pain Patient with Spinal Cord Stimulator or Intrathecal Pump	Marc Huntoon, MD	
5:00 pm	Panel Discussion and Open Forum		
4:00 pm - 5:30 pm	PS-04b Parallel Session Ambulatory Surgery and Regional Anesthesia	Moderator: Danielle Ludwin, MD	Julius 7
4:00 pm	Shoulder and Elbow Replacements in Less than 24 Hours	Nabil Elkassabany, MD	1.50 credits
4:20 pm	Chloroprocaine for Catheter Infusions	Giorgio Veneziano, MD	
4:40 pm	Strategies for Financial and Logistical Efficiency for a Regional Program in an Ambulatory Surgery	Brian Williams, MD	
5:00 pm	Panel Discussion and Open Forum		
5:30 pm - 6:30 pm	Special Event Resident/Fellow and Fellowship Directors Meet and Greet		Pompeian Ballroom
	Complimentary to Residents/Fellows and Fellowship Directors		

Main Meeting - Saturday, April 13, 2019

7:00 am - 7:45 am	Non-CME Ancillary Event by Acacia Pharma (breakfast included) Postoperative Nausea and Vomiting (PONV): Impact on Clinical, Economic, and Patient Satisfaction Outcomes		Julius 12
7:30 am - 8:00 am	Getting Started	Exhibit Hall	Exhibit Hall
	Breakfast, Exhibition, ePosters, ASRA Chat Room, Internet Café		
8:00 am - 9:30 am	PS-05a Parallel Session PoCUS SIG	Moderator: Jan Boublik, MD	Julius 12
8:00 am	PoCUS Applications that Are Useful in My Practice: Case Discussion	Richelle Kruisselbrink, MD	1.50 credits
8:20 am	Integrating PoCUS to Residency Training and Anesthesia Practice	Anahi Perlas, MD	
8:40 am	Medico-Legal and Certification Aspects of PoCUS	Stephen Haskins, MD	
9:00 am	Panel Discussion and Open Forum		
8:00 am - 9:30 am	PS-05b Parallel Session Pediatric Regional Anesthesia SIG	Moderator: Santhanam Suresh, MD	Julius 7
8:00 am	Sonographic Imaging of the Neuraxis	Christine Greco, MD	1.50 credits
8:20 am	Updates on Caudal Catheters	Karen Boretsky, MD	
8:40 am	Update on Pediatric Regional Anesthesia Safety Data	Santhanam Suresh, MD	
9:00 am	Panel Discussion and Open Forum		
9:30 am - 10:15 am	Break in Exhibit Hall		
	Refreshments, Exhibition, ePosters, ASRA Chat Room, Internet Café		
10:15 am - 11:45 am	PS-06a Parallel Session Novel Blocks: Evidence Based or Flights of Fancy	Moderator: Jeffrey Gadsden, MD	Julius 12
10:15 am	How to Block the Knee without Blocking the Knee	Sandra Kopp, MD	1.50 credits
10:35 am	Chest Wall Blocks	Robert Maniker, MD	
10:55 am	Abdominal Wall Blocks	Stuart Grant, MD	
11:15 am	Panel Discussion and Open Forum		
10:15 am - 11:45 am	PS-06b Parallel Session Obstetric Regional Anesthesia	Moderator: Christopher Wu, MD	Julius 7
10:15 am	The Anticoagulation Debate and the Impact of the New Guidelines	Lisa Leffert, MD	1.50 credits
10:35 am	Spinal Sonography in the Obstetric Patient	Barys Ihnatsenka, MD	
10:55 am	Programmed Intermittent Bolus vs. Bolus vs. Continuous Infusion for Obstetric Epidurals	Ronald George, MD	
11:15 am	Panel Discussion and Open Forum		
11:45 am - 1:15 pm	Special Event Excellence in ASRA Awards Luncheon	Moderator: Asokumar Buvanendran, MD	Julius 12
11:45 am	Buffet Lunch Service (lunch tickets: \$10 member, \$20 non-member)		0.75 credits
12:00 pm	Carl Koller Memorial Research Grant Update	Gina Votta-Velis, MD, PhD	
12:10 pm	Introduction to 2019 Gaston Labat Award Recipient	Daniel Warren, MD	
12:15 pm	Gaston Labat Lecture: Auld Lang Syne	Joseph Neal, MD	
1:00 pm	Adjournment and Move to Next Session		

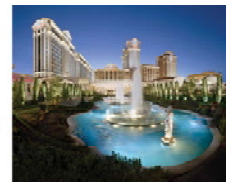


1:15 pm - 2:45 pm		PS-07a Parallel Session Acute Pain Management's Role in Improving Long Term Outcomes	Moderator: Rebecca Johnson, MD	Julius 12
1:15 pm		Does RA Impact Functional Recovery after Joint Surgery after the Immediate Postop Period?	Brian Sites, MD	1.50 credits
1:35 pm		Choices in the Operating Room: Do they Effect the Development of Chronic Pain?	Oscar de Leon-Casasola, MD	
1:55 pm		Perioperative RA in Prevention of Cancer Recurrence: The Latest Data	Sandra Kopp, MD	
2:15 pm		Panel Discussion and Open Forum		
1:15 pm - 2:45 pm		PS-07b Parallel Session Personalized Medicine and Machine Learning in Acute Pain Management	Moderator: Rajnish Gupta, MD	Julius 7
1:15 pm		Postsurgical Pain Syndromes: Can we Predict who will Develop Them?	Kristin Schreiber, MD	1.50 credits
1:35 pm		Leveraging Machine Learning to Personalize Acute Pain Management	Patrick Tighe, MD	
1:55 pm		Primer on Machine Learning: Utilization of Large Data Set Analyses to Individualize Pain Management	David Edwards, MD	
2:20 pm		Panel Discussion and Open Forum		
2:45 pm - 3:00 pm		Break and Refreshments in Foyer		Foyer
3:00 pm - 4:30 pm		PS-08a Parallel Session Interactive Session: Pro/Con Controversies in Regional Anesthesia	Moderator: Danielle Ludwin, MD	Julius 12
		To Block or Not to Block: Trauma/Compartment Syndrome, Preexisting Nerve Injury, Spinal Hardware, Indwelling Pumps, and Stimulators		1.50 credits
3:00 pm		- Pro	Katharine Fleischmann, MD	
3:15 pm		- Con	Ralf Gebhard, MD	 
3:30 pm		- Rebuttals (5 minutes each)		
		Awake vs. Asleep Blocks: Have We Learned Anything from Pediatric Regional Anesthesia?		
3:40 pm		- Pro: Asleep Blocks	Santhanam Suresh, MD	
3:55 pm		- Con: Asleep Blocks	Michael Barrington, MD	
4:10 pm		- Rebuttals (5 minutes each)		
4:20 pm		Panel Discussion and Open Forum		
3:00 pm - 4:30 pm		PS-08b Parallel Session Education in Regional Anesthesia SIG: The Modern Learner	Moderator: Brian Sites, MD	Julius 7
3:00 pm		Social Media	Ronald George, MD	1.50 credits
3:20 pm		Just in Time Learning: eLearning	Ankeet Udani, MD	 
3:40 pm		Dealing with the Information Firehose	Edward Mariano, MD	
4:00 pm		Panel Discussion and Open Forum (questions via Twitter and Meeting App)	Colin McCartney, MBChB, PhD	
4:30 pm - 7:00 pm		Session Adjournment and Free Time		
7:00 pm - 10:00 pm		Special Event ASRA Annual Meeting Celebration: A Night at the Omnia		Omnia Nightclub
		Tickets: \$50 member, \$75 non-member, 21 and over only		



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Problem Based Learning Discussions (PBLD) Thursday, April 11, 2019, 12:15-1:15 pm

(open to all, \$90, lunch included)

1.00 credit each, Augustus 1 Ballroom

PBLD-01	Managing the Chronic Pain Patient in the Acute Pain Service	Christopher Wu, MD	
PBLD-02	Assessment and Management of Neurologic Deficits	Daneille Ludwin, MD	
PBLD-03	Do Patients Need a Nerve Catheter: Experience with Perineural Buprenorphine and Other Adjuvants	Brian Williams, MD	
PBLD-04	How Do I Get Started with PoCUS at My Hospital?	Anahi Perlas, MD	
PBLD-05	Teaching the Teachers: How to Use Modern Education Science to Improve Your Teaching	Brian Allen, MD	
PBLD-06	I'm Scared to Do Blocks on Kids: Are They Really Necessary?	Santhanam Suresh, MD	
PBLD-07	Regional Anesthesia Alternatives to Epidurals for Cardiac and Thoracic Surgery: The Value of Fascial Plane Blocks	Hesham Elsharkawy, MD	
PBLD-08	What's the Best Anesthetic for Breast Cancer Surgery?	Amit Pawa, MD	
PBLD-09	Strategies to Managing an Effective Home Catheter Program in Private Practice	Glenn Woodworth, MD	
PBLD-10	Contract Negotiation Tips with Your Group and Hospital	Neil Ravitz, MD	
PBLD-11	ACOs, MACRA/MIPs and Regional Anesthesia: How to Survive and Prosper	Alexandru Visan, MD	
PBLD-12	What Do I Need to Start Up a New Acute Pain Service?	Sanjay Sinha, MD	
PBLD-13	How to Make your Practice Financially Viable: Alternative Payment Models	Kamen Vlassakov, MD	
PBLD-14	Strategies in Dealing with Patients on Maintenance Methadone or Buprenorphine Having Surgery	Jaime Baratta, MD	
PBLD-15	Best Practices for Managing Physician Burnout in a Fast-Paced Practice	Brian Harrington, MD	
PBLD-16	Is Social Media Safe? Navigating the Minefields of Twitter, Facebook, LinkedIn, etc.	Eric Schwenk, MD	
PBLD-17	How Do I Handle a Surgeon that Is Absolutely Against Regional Anesthesia?	Jean-Louis Horn, MD	
PBLD-18	Prevention of Post-Amputation Pain by Regional Anesthesiologists and Acute Pain Specialists: How Your Tools Intersect with the Basic Science	Kristin Schreiber, MD	
PBLD-19	How to Evaluate Respiratory Distress After an Upper Extremity Block	Jan Boublik, MD	 
PBLD-20	Should Non-Anesthesiologists be Performing Regional Anesthesia?	Rebecca Johnson, MD	



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Workshops - Thursday, April 11, 2019

(additional fee, physicians only)

8:15 am - 12:00 pm	Morning Workshop Coordinator	Lauren Steffel, MD		
8:15 am - 9:45 am	WS-01 Interactive Demonstration Workshop (\$155) Blocks for the Knee Joint	Lead: Michael Barrington, MD		Julius 19
	iPack Infiltration Block of the Knee Adductor Canal Block and its Variants Sciatic Nerve Block Approaches for the Knee Joint	Faculty: Glenn Woodworth, MD	Associate Faculty: Kwesie Kwofie, MD	1.50 credits
8:15 am - 9:45 am	WS-02 Interactive Demonstration Workshop (\$155) Blocks for Shoulder and Clavicle Surgery	Lead: Vincent Chan, MD		Julius 21
	Interscalene, Upper Trunk, Superficial Cervical Plexus, Supraclavicular Indications, Patient Selection, Side Effects, and Complications	Faculty: Danielle Ludwin, MD Eric Schwenk, MD		1.50 credits
8:15 am - 12:00 pm	WS-03 Comprehensive Workshop (\$395) Truncal-Paravertebral Blocks	Lead: Ki Jinn Chin, MBBS		Julius 17
	Comprehensive Review of All Truncal Blocks Thoracic Epidural and Paravertebral Intercostal Blocks Plane Blocks (TAP, TFP, QLB), Ilio-Inguinal Block Indications, Patient Selection, Side Effects, and Complications	Faculty: Nabil Elkassabany, MD Hesham Elsharkawy, MD James Green, MBBS Timur Ozelsel, MD		3.75 credits
10:00 am - 11:30 am	WS-04 Interactive Demonstration Workshop (\$155) Blocks for the Lower Limb for Surgery Below the Knee	Lead: Ralf Gebhard, MD		Julius 19
	Adductor Canal, Popliteal Sciatic, Ankle Blocks Proximal Approaches for Below Knee Surgery Indications, Patient Selection, Side Effects, and Complications	Faculty: De Tran, MD	Associate Faculty: Rodney Gabriel, MD	1.50 credits
10:00 am - 11:30 am	WS-05 Interactive Demonstration Workshop (\$155) Blocks for the Lower Arm and Hand	Lead: Santhanam Suresh, MD		Julius 21
	Supraclavicular, Infraclavicular, Axillary Musculocutaneous, Intercostobrachial, Serratus Anterior Blocks Indications, Patient Selection, Side Effects, and Complications	Faculty: Patrick Tighe, MD	Associate Faculty: Wael Ali Sakr Esa, MD	1.50 credits
10:00 am - 12:00 pm	WS-06 Hands-On Workshop (\$265) Blocks of the Breast and Thorax (includes high-fidelity simulation)	Lead: Barys Ihnatsenka, MD		Julius 16
	Thoracic Epidurals, Thoracic Paravertebral, Intercostal Blocks Pec Blocks, Serratus Plane Blocks	Faculty: Robert Maniker, MD	Associate Faculty: Linda Le-Wendling, MD Uma Shastri, MD Yury Zasimovich, MD	2.00 credits
1:30 pm - 5:15 pm	Afternoon Workshop Coordinator	Christopher Wu, MD		
1:30 pm - 3:00 pm	WS-07 Interactive Demonstration Workshop (\$155) Introduction to Ultrasound of the Spine	Lead: Ban Tsui, MD		Julius 19
	Assessment of Midline using Ultrasound Evaluation of Transverse Process, Lamina, and Interspaces	Faculty: Ronald George, MD	Associate Faculty: Eellan Sivanesan, MD	1.50 credits
1:30 pm - 3:00 pm	WS-08 Interactive Demonstration Workshop (\$155) Thinking Outside of the Box: Regional Anesthesia for Cardiac, Thoracic, and Vascular Surgery	Lead: Kamen Vlasskov, MD		Julius 21
	Cardiac Surgery: PVB/Intercostal/Brachial/Cervical Blocks Thoracic Outlet Syndrome Surgery: PVB/Intercostals/Cervical Plexus Blocks, Variations and Modifications Carotid Endarterectomies Treatment of Persistent Ventricular Tachycardia, VT Storm, Angina Pectoris: Cervical Sympathetic Blocks, etc.	Faculty: Francis Salinas, MD	Associate Faculty: Wael Ali Sakr Esa, MD	1.50 credits
1:30 pm - 5:15 pm	WS-09 Comprehensive Workshop (\$395) Upper Extremity Blocks	Lead: Edward Mariano, MD		Julius 17
	Comprehensive Review of the Blocks of the Upper Extremity Block at the Roots, Block at the Trunks and Divisions Block at the Cords, Peripheral Nerve Blocks Conjoint Tendon Axillary, Elbow, and Wrist	Faculty: Jean-Louis Horn, MD Rebecca Johnson, MD Steven Orebaugh, MD Timur Ozelsel, MD		3.75 credits
1:30 pm - 3:30 pm	WS-10 Hands-On Workshop (\$265) Blocks of the Breast and Thorax (includes high-fidelity simulation)	Lead: Barys Ihnatsenka, MD		Julius 16
	Thoracic Epidural, Thoracic Paravertebral Blocks, Pec Blocks, Serratus Plane Blocks	Faculty: David Edwards, MD Lauren Steffel, MD	Associate Faculty: Linda Le-Wendling, MD Yury Zasimovich, MD	2.00 credits



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3:45 pm - 5:15 pm	WS-11 Interactive Demonstration Workshop (\$155) Blocks of the Abdominal Wall Low Thoracic Paravertebral Blocks, ESP Abdominal Plane Blocks (TAP, TFP, QLB), Ilio-inguinal Blocks Rectus Sheath Blocks	Lead: Sanjay Sinha, MD Faculty: De Tran, MD	Associate Faculty: Uma Shastri, MD	Julius 19 1.50 credits
3:45 pm - 5:15 pm	WS-12 Interactive Demonstration Workshop (\$155) Ultrasound for Thoracic and Lumbar Neuraxial Blocks Ultrasound-Assisted Thoracic Epidural Ultrasound Assisted Lumbar Epidural and Spinal Anesthesia	Lead: Ki Jinn Chin, MD Faculty: Brian Sites, MD	Associate Faculty: Lu Cai, MD	Julius 21 1.50 credits
3:45 pm - 5:15 pm	WS-37 Interactive Demonstration Workshop (\$155) Blocks for the Knee Joint iPack Infiltration Block of the Knee Adductor Canal Block and its Variants Sciatic Nerve Block Approaches for the Knee Joint	Lead: Michael Barrington, MD Faculty: T. Kyle Harrison, MD Sandra Kopp, MD	Associate Faculty: Neal Mehta, MD	Julius 16 1.50 credits

Workshops - Friday, April 12, 2019

(additional fee, physicians only)

8:00 am - 11:45 am	Morning Workshop Coordinator	Rebecca Johnson, MD		
8:00 am - 9:30 am	WS-13 Interactive Demonstration Workshop (\$155) Advanced Blocks of the Upper Extremity Novel Variants of the Brachial Plexus Block: Retroclavicular, Costoclavicular, Suprascapular, Axillary Nerve Suggested Approaches in Challenging Anatomy	Lead: Brian Sites, MD Faculty: Vincent Chan, MD David Edwards, MD		Julius 19 1.50 credits
8:00 am - 9:30 am	WS-14 Interactive Demonstration Workshop (\$155) Blocks for Shoulder and Clavicle Surgery Interscalene, Upper Trunk, Superficial Cervical Plexus, Supraclavicular Indications, Patient Selection, Side Effects, and Complications	Lead: Katharine Fleischmann, MD Faculty: Timur Ozelsel, MD	Associate Faculty: Hari Kalagara, MD	Julius 21 1.50 credits
8:00 am - 11:45 am	WS-15 Comprehensive Workshop (\$395) Lower Extremity Blocks Comprehensive Review of All Blocks of the Lower Extremity Lumbar Plexus and its Branches Sciatic Nerve and its Branches Blocks for the Hip, Knee, Ankle and Foot Indications, Patient Selection, Technique, Side Effects, and Complications	Lead: Francis Salinas, MD Faculty: Ralf Gebhard, MD Brian Harrington, MD Andres Missair, MD De Tran, MD		Julius 17 3.75 credits
9:45 am - 11:45 am	WS-16 Hands-On Workshop (\$265) Continuous Nerve Blocks for the Upper Extremity Techniques of CPNB Placement for the Upper Extremity Various Equipment and Catheter Types Ultrasound Scanning on Live Models Practice Catheter Insertion on Meat Models Indications, Patient Selection, Side Effects, and Complications	Lead: Ban Tsui, MD Faculty: Vincent Chan, MD Robert Maniker, MD Steven Orebaugh, MD Anahi Perlas, MD	Associate Faculty: Jeffrey Frohock, MD Kwesi Kwofie, MD	Julius 16 2.00 credits
10:15 am - 11:45 am	WS-17 Interactive Demonstration Workshop (\$155) Blocks for Breast Surgery PECS 1 and PECS 2 Blocks Serratus Anterior Block Erector Spinae and PVB Blocks	Lead: Amit Pawa, MD Faculty: Patrick Tighe, MD	Associate Faculty: Uma Shastri, MD	Julius 19 1.50 credits
10:15 am - 11:45 am	WS-18 Interactive Demonstration Workshop (\$155) Blocks for the Hip and Proximal Lower Extremity Lumbar Plexus and its Branches Parasacral and Proximal Sciatic	Lead: Eric Schwenk, MD Faculty: Jeffrey Gadsden, MD	Associate Faculty: Brian Allen, MD	Julius 21 1.50 credits
1:45 pm - 5:45 pm	Afternoon Workshop Coordinator	Andrew Hall, MD		
1:45 pm - 3:15 pm	WS-19 Interactive Demonstration Workshop (\$155) Blocks of the Abdominal Wall Low Thoracic Paravertebral Blocks, ESP Abdominal Plane Blocks (TAP, TFP, QLB), Ilio-inguinal Blocks Rectus Sheath Blocks	Lead: Jeffrey Gadsden, MD Faculty: Vivian Ip, MD	Associate Faculty: Brian Allen, MD	Julius 19 1.50 credits
1:45 pm - 3:15 pm	WS-20 Interactive Demonstration Workshop (\$155) Ultrasound for Neuraxial Blockade in Difficult Anatomy Ultrasound of the Spine in the Orthopedic and Obstetric Patient with Obesity Scoliosis, Spinal Surgery, and Degenerative Disease	Lead: Ki Jinn Chin, MD Faculty: David Edwards, MD	Associate Faculty: Brinda Kamdar, MD	Julius 21 1.50 credits



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1:45 pm - 5:30 pm	WS-21 Special Session Workshop (\$395) PoCUS: Point-of-Care Ultrasound for the Regional Anesthesiologist Introductory Lectures Covering Airway, Lung/Diaphragm, Gastric, FAST, and IVC Ultrasound. Station Rotations (5): 1. Airway, 2. Lung, 3. Diaphragm, 4. Gastric, 5. eFAST/IVC	Lead: Jan Boublik, MD Faculty: Carlos Brun, MD James Green, MBBS Stephen Haskins, MD Richelle Krusselbrink, MD	Julius 17 3.75 credits
1:45 pm - 3:45 pm	WS-22 Hands-On Workshop (\$265) Continuous Nerve Blocks for the Lower Extremity Techniques of Nerve Block Catheter Placement for the Lower Extremity Various Equipment and Catheter Types Ultrasound Scanning on Live Models Practice Catheter Insertion on Meat Models Indications, Patient Selection, Side Effects, and Complications	Lead: Vincent Chan, MD Faculty: Ralf Gebhard, MD Stuart Grant, MD Sandra Kopp, MD Robert Maniker, MD	Julius 16 2.00 credits
4:00 pm - 5:30 pm	WS-23 Interactive Demonstration Workshop (\$155) The New Blocks on the Block Retrolaminar, Erector Spinae iPack Costoclavicular, Retroclavicular	Lead: Jeffrey Gadsden, MD Faculty: Francis Salinas, MD	Julius 19 1.50 credits
4:00 pm - 5:30 pm	WS-24 Interactive Demonstration Workshop (\$155) Head and Airway Blocks Ultrasound use for Airway Blocks Airway Blocks (SLN, Glossopharyngeal and Transtracheal)	Lead: David Edwards, MD Faculty: Jean-Louis Horn, MD	Julius 21 1.50 credits
4:00 pm - 5:30 pm	WS-38 Interactive Demonstration Workshop (\$155) Blocks for Breast Surgery PECS 1 and PECS 2 Blocks Serratus Anterior Block Erector Spinae and PVB Blocks	Lead: Hesham Elsharkawy, MD Faculty: Steven Orebaugh, MD Lauren Steffel, MD	Julius 16 1.50 credits

Workshops - Saturday, April 13, 2019

(additional fee, physicians only)

8:00 am - 11:45 am	Morning Workshop Coordinator	Colin McCartney, MBChB, PhD	
8:00 am - 9:30 am	WS-25 Interactive Demonstration Workshop (\$155) Continuous Blocks for the Chest and Abdomen Thoracic and Lumbar PVB Plane Blocks of the Chest Wall Plane Blocks of the Abdominal Wall	Lead: Amit Pawa, MD Faculty: Vivian Ip, MD	Julius 19 1.50 credits
8:00 am - 9:30 am	WS-26 Interactive Demonstration Workshop (\$155) Advanced Blocks for Anterior Knee Surgery Lumbar Plexus Obturator iPack	Lead: Jean-Louis Horn, MD Faculty: Nabil Elkassabany, MD	Julius 21 1.50 credits
8:00 am - 9:45 am	WS-27 High-Fidelity Simulation Workshop (\$265) Crisis Management for the Regional Anesthesiologist Utilize Immersive Simulation to Address Regional Anesthetic and Acute Pain Emergencies Practice their Crisis Management Skills Discuss Various Approaches to Managing Emergencies	Lead: T. Kyle Harrison, MD Faculty: Cynthia Shum, RN, DNP Ankeet Udani, MD	Julius 17 1.75 credits
8:00 am - 11:30 am	WS-28 Resident/Fellow Workshop (\$30) Ultrasound Principles: Lower Extremity, Upper Extremity, and Truncal Anatomy Basic Overview of Ultrasonography and Nerve Block Technique Overview of Interscalene, Supraclavicular, Infraclavicular and Axillary Nerve Overview of Femoral, Adductor Canal, Infragluteal Sciatic, Popliteal Sciatic, and Ankle Blocks Introduction to PoCUS Overview of Rectus Sheath, TAP, QL, and ES Blocks	Lead: Carrie Guheen, MD Andrew Hall, MD	Julius 16 3.25 credits
10:00 am - 11:45 am	WS-29 High-Fidelity Simulation Workshop (\$265) Crisis Management for the Regional Anesthesiologist Utilize Immersive Simulation to Address Regional Anesthetic and Acute Pain Emergencies Practice their Crisis Management Skills Discuss Various Approaches to Managing Emergencies	Lead: T. Kyle Harrison, MD Faculty: Carlos Brun, MD Cynthia Shum, RN, DNP Ankeet Udani, MD	Julius 17 1.75 credits



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10:15 am - 11:45 am	WS-30 Interactive Demonstration Workshop (\$155) Introduction to PoCUS: Lung, Diaphragm, Gastric, and IVC Lung/Diaphragm Gastric IVC	Lead: Stephen Haskins, MD Faculty: Anahi Perlas, MD Ban Tsui, MD	Julius 19 1.50 credits
10:15 am - 11:45 am	WS-31 Interactive Demonstration Workshop (\$155) Pediatric Regional Anesthesia Most Useful Blocks for Pediatric Anesthesia Tricks and Pitfalls for Regional in the Pediatric Patient Indications, Patient Selection, Technique, Side Effects, and Complications	Lead: Santhanam Suresh, MD Faculty: Karen Boretsky, MD Georgio Veneziano, MD	Julius 21 1.50 credits
1:15 pm - 4:30 pm	Afternoon Workshop Coordinator	Richelle Krusselbrink, MD	
1:15 pm - 2:45 pm	WS-39 Interactive Demonstration Workshop (\$155) Introduction to PoCUS: Lung, Diaphragm, Gastric, and IVC Lung/Diaphragm Gastric IVC	Lead: Stephen Haskins, MD Faculty: Jan Boublik, MD Ban Tsui, MD Associate Faculty: Hari Kalagara, MD	Julius 19 1.50 credits
1:15 pm - 2:45 pm	WS-32 Interactive Demonstration Workshop (\$155) The New Blocks on the Block Retrolaminar, Erector Spinae iPack Costoclavicular, Retroclavicular	Lead: Stuart Grant, MD Faculty: Amit Pawa, MD Glenn Woodworth, MD Associate Faculty: Brian Allen, MD Linda Le-Wendling, MD Neal Mehta, MD	Julius 16 1.50 credits
1:15 pm - 2:45 pm	WS-33 Interactive Demonstration Workshop (\$155) Open Scanning Session for Pediatric Regional Anesthesia Visit with Pediatric Regional Anesthesia Experts and Ask the Questions You've Always Wanted to Ask Explore Different Approaches to Pediatric Regional Anesthesia with Live	Lead: Karen Boretsky, MD Faculty: Christine Greco, MD Georgio Veneziano, MD	Julius 21 1.50 credits
1:15 pm - 2:45 pm	WS-34 Interactive Demonstration Workshop (\$155) Masterclass: Block Tricks for Experts by Experts For Experienced Practitioners Discover the Tips and Tricks You Need to Take Your Practice to the Next Explore Alternative Techniques and How to Deal with Challenging Anatomy	Lead: Vincent Chan, MD Faculty: Hesham Elsharkawy, MD Jeffrey Gadsden, MD Gregory Liguori, MD Daniel Warren, MD	Julius 17 1.50 credits
3:00 pm - 4:30 pm	Open Scanning Session for Adult Regional Anesthesia: Stump the Chump! Have a burning question for our experts? Want to get a little more hands on experience for a specific block with a pro? Our faculty can help you improve your skills and refine your technique before you head back home to your	Lead: Nabil Elkassabany, MD Faculty: Stuart Grant, MD Brian Harrington, MD	Julius 19 1.50 credits
3:00 pm - 4:30 pm	WS-36 Interactive Demonstration Workshop (\$155) Masterclass: Continous Peripheral Nerve Blockade Not for the faint of heart! This is for those of you who've already done a lot of peripheral catheters and are ready to turn it up to 11! Discuss alternative approaches, equipment, and tricks for the difficulty anatomy when dealing with peripheral nerve catheters.	Lead: Steven Orebaugh, MD Faculty: Ki Jinn Chin, MD Ban Tsui, MD	Julius 21 1.50 credits
3:00 pm - 4:30 pm	WS-40 Interactive Demonstration Workshop (\$155) Advanced Blocks of the Upper Extremity Novel Variants of the Brachial Plexus Block: Retroclavicular, Costoclavicular, Suprascapular, Axillary Nerve Suggested Approaches in Challenging Anatomy	Lead: James Green, MBBS Faculty: Vivian Ip, MD Robert Maniker, MD Associate Faculty: Lu Cai, MD	Julius 17 1.50 credits
3:00 pm - 4:30 pm	WS-41 Interactive Demonstration Workshop (\$155) Blocks of the Abdominal Wall Low Thoracic Paravertebral Blocks, ESP Abdominal Plane Blocks (TAP, TFP, QLB), Ilio-inguinal Blocks Rectus Sheath Blocks	Lead: Sanjay Sinha, MD Faculty: Andres Missair, MD Lauren Steffel, MD Associate Faculty: Hari Kalagara, MD Neal Mehta, MD	Julius 16 1.50 credits



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Ask the Experts Interactive Sessions Thursday, April 11, 2019

8:15 am - 9:45 am	IS-01 Ask the Experts Interactive Session (PMP) Practice Management Portfolio Case Scenarios: Part 1 Real Practice Scenario Simulator Session Feasibility of a Joint Program in Your Practice Feasibility of a Comprehensive Pain Management Program in Your Healthcare System What is Your Current Leverage in Negotiating Bundle Payments?	Moderator: Alexandru Visan, MD David Provenzano, MD Sanjay Sinha, MD Kamen Vlassakov, MD Neil Ravitz, MD	Julius 2 1.50 credits
10:00 am - 12:00 pm	IS-02 Ask the Experts Interactive Session Resident Jeopardy A fun way for residents to interact with our faculty and show off how much they know!	Moderator: Carrie Guheen, MD Ronald George, MD Stuart Grant, MD Andrew Hall, MD	Julius 7 2.00 credits
3:45 pm - 5:15 pm	IS-03 Ask the Experts Interactive Session (PMP) Practice Management Portfolio Case Scenarios: Part 2 Contract Negotiation and Strategies on Success During your First Job Moving from Academic to Private Practice Anesthesiology Determining Acute Pain Service Costs and Revenues	Moderator: Kamen Vlassakov, MD Stavros Memtsoudis, MD David Provenzano, MD Alexandru Visan, MD	Julius 2 1.50 credits

Ask the Experts Interactive Sessions Friday, April 12, 2019

8:00 am - 9:30 am	IS-04 Ask the Experts Interactive Session Managing the Opioid Free Anesthetic Advanced Utilization of Multimodal Anesthetics in the Operating Room Collaboration with Surgeons for Opioid-free Management Convincing your Colleagues to Move away from Opioids Can a Patient who is Unconscious Feel Pain or are we just Treating Sympathetics?	Moderator: Eric Schwenk MD Christine Greco, MD Gregory Liguori, MD Kristin Schreiber, MD	Julius 2 1.50 credits
10:15 am - 11:45 am	IS-05 Ask the Experts Interactive Session Chronic Pain Techniques Useful for Acute Pain Management Fluoroscopy for Acute Pain Procedures such as Epidurals Nerve Stimulation for Acute Pain Multimodal Intrathecal Infusions Other Chronic Pain Procedures that Acute Pain Physicians Should be Learning	Moderator: Marc Huntoon, MD Oscar de Leon-Casasola, MD Samer Narouze, MD David Provenzano, MD	Julius 2 1.50 credits
1:45 pm - 3:15 pm	IS-06 Ask the Experts Interactive Session Talk to a Surgeon Without the Blue Drape Discuss the Pros/Cons of Regional Anesthesia from a Surgeon's Perspective Where is Orthopedic Surgery Moving in the Next 20 Years and How Do We Keep Up?	Moderator: Katharine Fleischmann, MD Mark I. Froimson, MD, MBA Anthony Romeo, MD	Julius 2 1.50 credits
4:00 pm - 5:30 pm	IS-07 Ask the Experts Interactive Session Teaching the Teachers in Regional Anesthesiology: Application of Recent Scientific Advances Performance Based Assessment Implications of a Accredited Fellowship Program in Regional and Acute Pain How to Safely Teach Novices Ultrasound Guided Techniques	Moderator: Stuart Grant, MD Colin McCartney, MBChB, PhD Ankeet Udani, MD Glenn Woodworth, MD	Julius 2 1.50 credits

Ask the Experts Interactive Sessions Saturday, April 13, 2019

8:00 am - 9:30 am	IS-08 Ask the Experts Interactive Session Improving Success in Research: Practical Advice for Publication Success Panel Discussion and Open Forum How Do I Get Grants for Acute Pain and Regional Anesthesia Studies? Where Should I Look? Is Everything in Ultrasound Guided Techniques already Published? Is there Anything Left? Clinical versus Bench Research Advanced Data Analytics, Machine Learning, and Artificial Intelligence in Research	Moderator: Rebecca Johnson, MD Chad Brummett, MD Brian Ilfeld, MD Patrick Tighe, MD Gina Votta-Velis, MD	Julius 2 1.50 credits
10:15 am - 11:45 am	IS-09 Ask the Experts Interactive Session How I Do It: PoCUS and Fascial Plane Blocks (TAP, Rectus, ES, QL) Call for Videos: Challenges, Pearls, and Cases Show us your best technique or tips for how you do different PoCUS procedures Show us what you know and some new tips for success in fascial plane blocks BE CREATIVE!	Moderator: Brian Harrington, MD Michael Barrington, MD Hesham Elsharkawy, MD Danielle Ludwin, MD	Julius 2 1.50 credits



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Moderated ePoster Sessions *(non-CME)*

Thursday	Patrician	Track A Moderator	Tribune	Track B Moderator
8:15 am - 9:45 am	MP-01a	Amit Pawa, MD	MP-01b	Kristin Schreiber, MD
10:00 am - 12:00 pm	MP-02a	T. Kyle Harrison, MD	MP-02b	Stavros Memtsoudis, MD
1:30 pm - 3:30 pm	MP-03a	Gregory Liguori, MD	MP-03b	Georgio Veneziano, MD
3:45 pm - 5:15 pm	MP-04a	Marc Huntoon, MD	MP-04b	Oscar de Leon-Cassasola, MD
Friday				
8:00 am - 9:30 am	MP-05a	Chad Brummett, MD	MP-05b	Christopher Wu, MD
10:15 am - 11:45 am	MP-06a	Adrienne Wilson-Poe, MD	MP-06b	Lauren Steffel, MD
1:45 pm - 3:15 pm	MP-07a	Andres Missair, MD	MP-07b	Lisa Leffert, MD
4:00 pm - 5:30 pm	MP-08a	Karen Boretsky, MD	MP-08b	Christine Greco, MD
Saturday				
8:00 am - 9:30 am	MP-09a	Jaime Baratta, MD	MP-09b	Katharine Fleischmann, MD
10:15 am - 11:45 am	MP-10a	Ki Jinn Chin, MBBS	MP-10b	Andres Missair, MD
1:15 pm - 2:45 pm	MP-11a	Ronald George, MD	MP-11b	Barys Ihnatsenka, MD
3:00 pm - 4:30 pm	MP-12a	Wael Ali Sakr Esa, MD	MP-12b	Brian Iffeld, MD

Exhibit Hall ePoster Facilitators *(non-CME)*

Thursday	Facilitator Screens 1-3	Facilitator Screens 4-6	Facilitator Screens 7-9	Facilitator Screens 10-12	Facilitator Screens 13-14
5:15 pm - 6:00 pm	Reception- EXP Steven P. Cohen, MD	EXP Jeffrey Frohock, MD	EXP Glenn Woodworth, MD	EXP Marc Huntoon, MD	EXP Lisa Leffert, MD
6:00 pm - 6:30 pm	Reception - EXP Carlos Brun, MD	EXP Brinda Kamdar, MD	EXP Kristin Schreiber, MD	EXP Chad Brummett, MD	EXP Vivian Ip, MD
Friday					
7:30 am - 8:00 am	Breakfast - EXP Michael Barrington, MD	EXP Andrew Hall, MD	EXP Marc Huntoon, MD	EXP Gina Votta-Velis, MD	EXP Ankeet Udani, MD
9:30 am - 10:15 am	AM Break- EXP Lisa Leffert, MD	EXP Wael Ali Sakr Esa, MD	EXP Brian Williams, MD	EXP Gina Votta-Velis, MD	EXP Georgio Veneziano, MD
3:15 pm - 4:00 pm	PM Break- EXP Eellian Sivanesan, MD	EXP Carrie Guheen, MD	EXP Sanjay Sinha, MD	EXP Gregory Liguori, MD	EXP Patrick Tighe, MD
Saturday					
7:30 am - 8:00 am	Breakfast- EXP Francis Salinas, MD	EXP Eric Schwenk, MD	EXP David Provenzano, MD	EXP Steven Orebaugh, MD	EXP Neal Mehta, MD
9:30 am - 10:15 am	AM Break- EXP Barys Ihnatsenka, MD	EXP Asokumar Buvanendran, MD	EXP Oscar de Leon-Casasola, MD	EXP Hari Kalagara, MD	EXP Gina Votta-Velis, MD