

# AMERICAN NEUROGASTROENTEROLOGY & MOTILITY SOCIETY ANNUAL MEETING



**August 11 – 13, 2023 • Fairmont Austin • Austin, TX**



## Clinical Course

Providing the best clinical care for our patients

**August 11, 2023**

## Scientific Program

Advancing patient care through cutting-edge research

**August 12–13, 2023** • begins August 11 • Welcome • Poster Session

**Abstract deadline: April 1, 2023**

## Clinical Course • Providing the best clinical care for our patients

### Friday, August 11, 2023

7:00 am–5:30 pm	<b>Registration</b>
7:00–8:00 am	Breakfast • <b>Visit Exhibits</b>
<b>7:50–8:00 am</b>	<b>Welcome</b> • <i>Reena Chokshi, G. Nicholas Verne</i>
<b>8:00–9:15 am</b>	<b>Session 1: Challenges and Opportunities in Esophagology</b> Moderators:
8:00 am	<b>How to better integrate manometry into the GERD evaluation</b> <i>Reena Chokshi</i>
8:15 am	<b>FLIP vs. HREM in pediatrics</b> <i>Eric Chiou</i>
8:30 am	<b>Globus: Functional, mechanical or both?</b> <i>Kerry Dunbar</i>
8:45 am	<b>Compassionate NGM care: Addressing DEI in your practice</b> <i>John Pandolfino</i>
9:00 am	<b>Discussion</b>
<b>9:15–10:15 am</b>	<b>Session 2: All the Latest Guidelines</b> Moderators:
9:15 am	<b>How do I apply ACG gastroparesis guidelines to my practice?</b> <i>Braden Kuo</i>
9:30 am	<b>How do I apply AGA bloating guidelines to my practice?</b> <i>Baha Moshiree</i>
9:45 am	<b>How do I apply AGA IBS-C guidelines to my practice?</b> <i>Lin Chang</i>
10:00 am	<b>Discussion</b>
10:15–10:45 am	Break • <b>Visit Exhibits</b>

Program continued

## Friday, August 11, 2023 continued

<b>10:45 am–12:00 pm</b>	<b>Session 3: All the Questions Patients Ask</b> Moderators:
10:45 am	<b>Will my Mediterranean/plant-based/low FODMAP diet fix everything?</b> <i>Kate Scarlata</i>
11:00 am	<b>I still have abdominal pain; is this MALS, SMA or twisted bowel?</b> <i>Rina Sanghavi</i>
11:15 am	<b>Which probiotics should I give my kid?</b> <i>Geoff Preidis</i>
11:30 am	<b>How does marijuana actually affect my gut?</b> <i>David Levinthal</i>
11:45 am	<b>Discussion</b>
<b>Parallel Lunches • Choose one • Visit Exhibits</b>	
12:00–1:00 pm	<b>Lunch • no speaker • Visit Exhibits</b>
12:00–1:00 pm	<b>Lunch Symposium • Visit Exhibits</b> <b>Speeding Up Gastroparesis: A journey through the past, present, and future of gastroparesis therapies</b> Moderator:
12:00 pm	<b>Time to redesign study design in gastroparesis?</b> <i>Brian Lacy</i>
12:15 pm	<b>Facts, fallacies, and the future of prokinetics (in gastroparesis)</b> <i>Linda Nguyen</i>
12:30 pm	<b>How and when to position surgical and pyloric intervention</b> <i>Jennifer Christie</i>
12:45 pm	<b>Panel Discussion</b>
1:10–2:10 pm	<b>ANMS Lifetime Achievement Award</b> Introduction: <i>G. Nicholas Verne</i> <b>Shanthi Srinivasan</b> <b>Functional Bowel Disorders: Dissecting mechanisms from the gut to the brain: New insights and future directions</b>
<b>2:10 pm– 3:10 pm</b>	<b>Session 4: Colon and Anorectal Health &amp; Evaluation</b> Moderators:
2:10 pm	<b>Treating IBS in IBD</b> <i>Brooks Cash</i>
2:25 pm	<b>When medical management is not enough: A pediatric colorectal surgeon's perspective</b> <i>Lily Cheng</i>
2:40 pm	<b>Anorectal evaluation in abuse survivors: Tips for clinicians</b> <i>Christine Jagielski</i>
2:55 pm	<b>Discussion</b>
3:10 pm	<b>Break • Visit Exhibits</b>

Program continued

## Friday, August 11, 2023 *continued*

<b>3:40 – 5:00 pm</b>	<b>Session 5: Innovation in Neurogastroenterology &amp; Motility</b> Moderators:
3:40 pm	<b>New gizmos and gadgets in the motility lab</b> <i>Afrin Kamal</i>
3:55 pm	<b>Digital Platforms in Behavioral Health</b> <i>Jessiy Salwen Deremer</i>
4:10 pm	<b>AI for the Esophagus</b> <i>Dusty Carlson</i>
4:25 pm	<b>Gravity and the gut: A hypothesis of irritable bowel syndrome</b> <i>Brennan Spiegel</i>
4:40 pm	<b>Discussion</b>
<b>5:00–6:00 pm</b>	<b>Women in Neurogastroenterology &amp; Motility Session</b> Moderator: <i>Lin Chang</i> Panel: <i>Baha Moshiree, Megan Riehl, Shanthi Srinivasan</i>  The goal of the session is to create a network of women pursuing a career in Neurogastroenterology and Motility (NGM) and develop programs to overcome systemic barriers, capture new opportunities, and grow leadership skills. This year, we are focusing on Career Development. Dr. Fasiha Kanwal will discuss her professional journey and lessons learned in research, clinical work, and leadership positions. This talk will be followed with a panel discussion with women investigators and clinicians in NGM.
5:00 pm	<b>Mix &amp; Mingle</b>
5:10 pm	<b>Welcome • Lin Chang</b>
5:15 pm	<b>Career Development</b> <i>Fasiha Kanwal, Baylor College of Medicine</i>
5:45 pm	<b>Panel Discussion</b>
6:00 pm	<b>Adjourn</b>
<b>6:00–7:30 pm</b>	<b>Welcome Reception • Poster Session</b>

## Scientific Program • Advancing patient care through cutting-edge research

### Saturday, August 12, 2023

7:00 am–5:00 pm	<b>Registration</b>
7:00–8:00 am	Breakfast • <b>Visit Exhibits</b>
<b>7:50–8:00 am</b>	<b>Welcome • Beverley Greenwood-Van Meerveld, G. Nicholas Verne</b>
<b>8:00–9:00 am</b>	<b>Distinguished Investigator Award for Women in Neurogastroenterology</b> Introduction: <i>G. Nicholas Verne</i> • Moderator: <i>Linda Nguyen</i> <b>Beverley Greenwood-Van Meerveld</b> <b>Stress as a Risk Factor for Visceral Pain in Adulthood: What have we learned from animal models?</b>
<b>9:00–10:30 am</b>	<b>Basic Advances Making an Impact in Understanding GI Pathophysiology</b> Moderators: <i>John Pandolfino, G. Nicholas Verne</i>
9:00 am	<b>Gut feelings: Mechanosensing in the gastrointestinal tract</b> <i>Arthur Beyder</i>

Program continued

**Saturday, August 12, 2023** continued

9:20 am	<b>Enteric nervous system in neonatal necrotizing enterocolitis</b> <i>Shanthi Srinivasan</i>	
9:40 am	<b>Are we close to targeting enteric glia in gastrointestinal diseases and motility disorders?</b> <i>Fievos Christofi</i>	
10:00 am	<b>Abstract Speaker 1</b>	
10:15 am	<b>Abstract Speaker 2</b>	
10:30 am	Break • Visit Exhibits	
<b>11:00 am–12:30 pm</b> <b>Parallel Sessions 1 &amp; 2</b>	<b>Parallel Session 1</b> <b>Bioelectric Medicine: Its role in neurogastroenterology</b> Moderator: <i>David Levinthal</i>	<b>Parallel Session 2</b> <b>Bugs in the Gut: How does the microbiome alter gut function?</b> Moderator: <i>Kristen Smith-Edwards</i>
11:00 am	<b>Ambulatory electrogastrography recording</b> <i>David Kunkel</i>	<b>Changes in the gut microbiome following SARS–CoV-2 and development of post-infectious IBS</b> <i>Shreya Raja</i>
11:20 am	<b>Gastric electrical stimulation in children with severe nausea and vomiting</b> <i>Neetu Puri</i>	<b>Manipulating the microbiome to treat GI disease</b> <i>Eamonn Quigley</i>
11:40 am	<b>Stimulating the gut from near and far: Future directions for neuromodulation of gut function</b> <i>Jiande Chen</i>	<b>Bugs beyond the bowel: The microbiome–gut–brain axis</b> <i>Melanie Gareau</i>
12:00 pm	<b>Abstract Speaker 1</b>	<b>Abstract Speaker 1</b>
12:15 pm	<b>Abstract Speaker 2</b>	<b>Abstract Speaker 2</b>
<b>12:30–2:00 pm</b>	<b>Lunch • Poster Session • Visit Exhibits</b>	
<b>2:00–3:30 pm</b> <b>Parallel Sessions 3 &amp; 4</b>	<b>Parallel Session 3</b> <b>Food as Friend and Foe? The complex connection between eating behaviors, diet restriction &amp; the gut–brain–microbiome axis</b> Moderator: <i>Laurie Keefer</i>	<b>Parallel Session 4</b> <b>The Brain in the Gut: New frontiers in enteric nervous system biology</b> Moderator: <i>Julia Ganz</i>
2:00 pm	<b>Shared pathophysiological mechanisms between gastrointestinal motility disorders and disordered eating: Chicken or the egg?</b> <i>Miranda van Tilburg</i>	<b>Cellular and molecular mechanisms of postnatal enteric neurogenesis</b> <i>Jaime Belkind-Gerson</i>
2:20 pm	<b>Psychological and quality of life considerations in the dietary management of functional gastrointestinal &amp; motility disorders</b> <i>Helen Murray</i>	<b>Sensing microbial signals through enteric and vagal neuronal pathways</b> <i>Lihua Ye</i>
2:40 pm	<b>Impact of intermittent fasting behaviors on the gut–brain–microbiome axis: Are there implications for gastrointestinal motility disorders?</b> <i>Arpana Gupta</i>	<b>Applications of single-cell sequencing technology to the enteric nervous system</b> <i>Richard Guyer</i>
3:00 pm	<b>Abstract Speaker 1</b>	<b>Abstract Speaker 1</b>
3:15 pm	<b>Abstract Speaker 2</b>	<b>Abstract Speaker 2</b>
3:30–4:00 pm	Break • Visit Exhibits	

Program continued

## Saturday, August 12, 2023 continued

4:00–5:45 pm <b>Parallel Sessions 5 &amp; 6</b>	<b>Parallel Session 5</b> <b>How Does the Vagus Link Brain–Gut Disorders and Trauma?</b> Moderator: <i>Katja Kovacic</i>	4:00–5:45 pm <b>Parallel Sessions 5 &amp; 6</b>	<b>Parallel Session 6</b> <b>Immune and Microbial Dysregulation in DGBI and GI Dysmotility</b> Moderator: <i>Greg Sayuk</i>
4:00 pm	<b>Traumatic stress disrupts vagal regulation: Insights into brain–gut disorders through the polyvagal theory</b> <i>Stephen Porges</i>	4:00 pm	<b>Gastroparesis: Idiopathic or immunopathic?</b> <i>William Hasler</i>
4:30 pm	<b>Vagus neurostimulation: Using electrons to replace drugs</b> <i>Kevin Tracey</i>	4:25 pm	<b>Functional dyspepsia and foregut eosinophilia</b> <i>Maria Vazquez Roque</i>
5:00 pm	<b>Brainstem response to auricular vagal nerve stimulation</b> <i>Roberta Sclocco</i>	4:50 pm	<b>Contribution of luminal mediators to pain in DGBI</b> <i>Alan Lomax</i>
5:30 pm	<b>Panel Discussion</b>	5:15 pm	<b>Abstract Speaker 1</b>
5:30 pm		5:30 pm	<b>Abstract Speaker 2</b>
6:00–7:30 pm <b>Parallel Theme Symposiums</b>	<b>Parallel Theme Symposium</b> <b>Hands-On Neurogastroenterology &amp; Motility Procedures &amp; Case Discussions</b> Adult • Pediatric • non-CME • light refreshments Moderator: <i>Jason Baker and Reena Chokshi</i>	6:00–7:30 pm <b>Parallel Theme Symposiums</b>	<b>Parallel Theme Symposium</b> <b>TBA</b> Moderator:
<ul style="list-style-type: none"> <li>• An interactive, hands-on session with experts who will demonstrate and interpret difficult cases, recording annotations, standard protocols, and equipment functionality.</li> <li>• Vendors will display anorectal and esophageal manometry and pH impedance. Each vendor will pose 3 to 5 equipment-related questions.</li> <li>• A raffle will be held and a prize will be awarded to the entry with the highest number of correct answers.</li> </ul>			

## Sunday, August 13, 2023

7:00–10:00 am	<b>Registration</b>
7:00–8:00 am	Breakfast • <b>Visit Exhibits</b>
8:00–9:00 am	<b>W. Jerry Dodds, MD and Sushil K. Sarna, PhD Lectureship</b> Introduction: <b>Gary Mawe</b> <b>Serotonin: Lately it occurred to me, what a long, strange trip it's been</b>
9:00–10:00 am	<b>Plenary Abstract Session</b> Moderators:
9:00 am	<b>Speaker 1 – top scored abstract</b>
9:15 am	<b>Speaker 2 – top scored abstract</b>
9:30 am	<b>Speaker 3 – top scored abstract</b>
9:45 am	<b>Speaker 4 – top scored abstract</b>
10:00–10:30 am	Break • <b>Visit Exhibits</b>

## Sunday, August 13, 2023 *continued*

10:30 am–12:00 pm	<b>Distinguished Lectures</b> <i>Moderators: Jose Garza, G. Nicholas Verne</i>
10:30 am	<b>Vagal control of gastric functions: Diet, development, and is it all our mother's fault?</b> <i>Kirsteen Browning</i>
11:00 am	<b>Disorders of gut–brain interaction: A journey across the lifespan</b> <i>Miguel Saps</i>
11:30 am	<b>Curing fecal incontinence</b> <i>Satish Rao</i>
12:00 pm	<b>Adjourn</b>



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