



# the RECORDER

American Neurogastroenterology and Motility Society

Spring 2013 • Volume 2 • Number 1

## The President's Message



Lin Chang, MD

I would like to acknowledge and thank Satish Rao for his leadership as ANMS President and a very successful past two years. I would also like to congratulate our incoming elected officers and Council members. John Wiley, who has served as our Treasurer, is now President-Elect. Carlo Di Lorenzo is our Secretary, and Ronnie Fass is our new Treasurer. New Council members include Benson Massey, John Pandolfino, Keith Sharkey, and Catia Sternini. I would like to extend a sincere thanks to our Past Presidents Michael Camilleri and Emeran Mayer and Council members Tony Bauer, Jiande Chen, Shin Fukudo, Jim Galligan, Richard McCallum, Magnus Simrén, Helen Raybould, and Reza Shaker for their dedication and contributions to ANMS.

### Our accomplishments

Many exciting changes are taking place during my first year as President of ANMS. It has been two years since ANMS merged with the Functional Brain Gut Research Group (FBG), and therefore it has been timely to develop a strategic plan for our merged society. Changes in research funding and health care are significantly impacting the viability and sustainability of our field and will continue to do so in the future. At our Council's Annual Retreat in January we spent a substantial amount of time and effort on the developing a strategic plan. Outgoing, incoming, and current Council members and officers answered

questions about our mission, core values, goals, accomplishments, and areas of improvement. President-Elect John Wiley surveyed other senior leaders in our field for their input. We had a healthy and engaged discussion at the Retreat. A newly revised mission statement, core values and goals, and objectives were established. These can be found on our web site [www.motilitysociety.org](http://www.motilitysociety.org). A strategic planning executive committee comprised of John Wiley, Keith Sharkey, Margaret Heitkemper, and myself is drafting a strategic planning and implementation document. We will share this with members after review and discussion by our Council.

We have organized the 2013 Postgraduate Clinical Course, Scientific Meeting, and Young Investigator Forum, which will take place on September 20–22, 2013 in Huntington Beach, California. Our past meetings have been valuable and well received. State-of-the-art lectures on a broad range of topics will be relevant to functional gastrointestinal and motility disorders. Our Young Investigator Forum supports our commitment to mentoring young investigators who will become the leaders in our field. The Postgraduate Clinical Course will take place on the first day of the meeting and will be followed by the Scientific Meeting, which will take place over two-and-a-half days. For more information, see page 5 and our web site [www.motilitysociety.org](http://www.motilitysociety.org). I hope to see you all there!

Our society can reflect on a phenomenal history as it meets the challenges of an exciting future. I am very much looking forward to serving our members through the next two years and ensuring that ANMS continues to achieve its goals.

### ANMS Council Members at the Annual Retreat 2013



Left to right: Ronnie Fass, John Wiley, Michael Camilleri, Josephine Camilleri, Hannah Camilleri



Left to right: Carlo Di Lorenzo, Satish Rao

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## Officers

**Lin Chang, MD**  
*President*

**John Wiley, MD**  
*President-Elect*

**Carlo Di Lorenzo, MD**  
*Secretary*

**Ronnie Fass, MD**  
*Treasurer*

**Adil E. Bharucha, MD**  
*Councilor*

**Beverley Greenwood-Van Meerveld, PhD**  
*Councilor*

**Margaret Heitkemper, RN, PhD**  
*Councilor*

**Benson Massey, MD**  
*Councilor*

**Gary M. Mawe, MD**  
*Councilor*

**Bruce Naliboff, PhD**  
*Councilor*

**John Pandolfino, MD**  
*Councilor*

**Keith Sharkey, PhD**  
*Councilor*

**Brennan Spiegel, MD, MSHS**  
*Councilor*

**Catia Sternini, MD**  
*Councilor*

**Satish S. C. Rao, MD, PhD**  
*Immediate Past President*

**Nancy Norton**  
*Ex Officio*

**Lori Ennis**  
*Executive Director*

## Publication

The Recorder is published twice a year.

### Contact and Submissions:

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Left to right: Beverley Greenwood-Van Meerveld, Catia Sternini



Left to right: Henry Parkman, Adil Bharucha

## ANMS Council Members at the Annual Retreat 2013



Left to right: Keith Sharkey, Lori Ennis



Left to right: Ronnie Fass, John Wiley, Michael Camilleri, Josephine Camilleri, Henry Parkman, Adil Bharucha, Bruce Naliboff, Benson Massey



Left to right: Gary Mawe, Carlo Di Lorenzo, Satish Rao, Dwight Van Meerveld, Beverley Greenwood-Van Meerveld, Catia Sternini, Keith Sharkey, Lori Ennis



Left to right: Lin Chang, Carlo Di Lorenzo



Left to right: Margaret Heitkemper, Bruce Naliboff



## Research Committee



Gary Mawe

The Research Committee chaired by Gary Mawe received several outstanding grants for research support. After careful appraisal, one grant of \$30,000 was awarded. The research grants will be a permanent feature of our society's efforts to support research. Two more grants will be awarded in 2014.

### Grant Awardee 2013

**Brian Gulbransen**, Michigan State University, USA

*The impact of enteric glial calcium responses on enteric neuron survival*

### 2014 ANMS Research Grant Program

**Submission deadline:** November 8, 2013

**Award start date:** January 2014

For more information: [www.motilitysociety.org](http://www.motilitysociety.org).

## Membership Committee



Ronnie Fass

consistent with members' expectations.

The Membership Committee chaired by Ronnie Fass is hard at work engaging with members and assessing current and future needs. Various avenues are being explored to markedly increase the number of paying ANMS members. The committee is also evaluating opportunities to increase the number of international members. We are also working to improve membership benefits

## Clinical Practice Committee



Adil Bharucha

The Clinical Practice and Education Committees under the stewardship of Adil Bharucha and John Pandolfino organized the 2013 Postgraduate Clinical Course to be held on September 20, 2013 in Huntington Beach, CA. **Guideline Pocket Cards** are evidence-based and algorithmic clinical decision-making reference tools that cover diagnosis and treatment options. The cards provide an excellent, quick overview of IBS, chronic constipation, gastroparesis, and dysphagia. Review them at **ANMS Booth #810** at DDW. For more information: [www.motilitysociety.org](http://www.motilitysociety.org).

The Clinical Practice Committee is also facilitating the development of ANMS Guidelines and Position Papers on Management of Oropharyngeal Dysphagia, Biofeedback Therapy, and the Effect of Aging on GI functions.

## Education Committee



John Pandolfino

The Education Committee led by John Pandolfino is planning the 2014 Postgraduate Clinical Course to be held in July 2014.

### Clinical Training Program

We have trained 116 fellows across North America since this program began in 2006 and we expect to train another 20 in the coming year. The program directors met at ACG 2012 to update lecture slides and test questionnaires. The addition of Washington University makes a total of eleven ANMS Centers of Excellence.

**Young Investigator Forum** Fifteen young investigators will participate in the 10th Young Investigator Forum in September in Huntington Beach, California.

**Patient Education** The ANMS patient education brochures are authoritative tools describing various motility procedures and common topics, including achalasia, anal fissure, biofeedback therapy, constipation, GERD, gastroparesis, fecal incontinence, IBS, manometry (anorectal, colonic, and esophageal), esophageal pH monitoring test, and chronic intestinal pseudo-obstruction. They are available at a nominal price. ANMS members can download handouts free from [www.motilitysociety.org](http://www.motilitysociety.org).

## Journal Management Committee



Michael Camilleri



Beverley Greenwood-Van Meerveld



Yvette Taché

The Journal Management Committee met on September 6th, 2012 in Bologna, Italy. *Neurogastroenterology and Motility* continues to thrive. The key to the success is the very respectable journal impact factor – currently 3.414. The time to first decision has fallen from 32 to 27 days. The number of submissions has risen again during the past year and two Associate Editors were added to help with the increasing number of submissions – Sylvie Bradesi and Albert Bredenoord. Editors are Gianrico Farrugia, Magnus Simrén, and Gary Mawe. Current issues being addressed by the editors are the significant number of papers (25% in 2011) receiving no citations, the transition to online-only publication in 2014, and the introduction of a new Periodic Industry section.



## 2012 Meeting Highlights • Chicago, IL • Leuven, Belgium



**7th Postgraduate Course** held on July 27–29, 2012 in Chicago was organized by Adil Bharucha, John Pandolfino, and Satish Rao. The course was well received by over 300 attendees. The CME survey showed that the participants found the meeting to be very informative; they enjoyed the diverse line-up of speakers and were particularly impressed by the live demonstrations. Post-meeting survey results indicated that changes in practice performance were successful for 90% of physicians, nurses, and health care professionals who attended. In addition, 97% indicated that this meeting had a positive impact on their patient care.

Professor Nick Read from Sheffield, UK delivered the 3rd ANMS Tripuraneni Oration entitled *Irritable Bowels, Past, Present, and Future*. The highlights of the meeting included several new live demonstrations of motility procedures that had never been presented live and an outstanding program. A new feature was the Patient–Physician Forum, which involved one half day educating, informing, listening, learning, and interacting with patients and patient support groups. This Forum was very well received.

Our 9th Young Investigator Forum, held simultaneously, had fifteen participants who were chosen based on their scientific achievements. The Young Investigator Forum faculty Max Schmulson, *Chair*, Gregory Sayuk, *Co-Chair*, Kirsteen Browning, and Baharak Moshiree interacted closely with the young investigators. The comments of the participants reflected the high points of this interaction: “getting ideas on what directions to take my research by talking with not only faculty but also with the other speakers on the program,” “beneficial experience meeting other professionals, presenting research, learning about mentorship, and career advancement and being able to participate in the clinical course too,” and “personalized format, and meeting others in the field”.

We would like to thank Forest Research Institute (a subsidiary of Forest Laboratories, Inc. and Ironwood Pharmaceuticals), Salix, SmartPill, Takeda Pharmaceuticals North America, GlaxoSmithKline, Given Imaging, Shire, Lexicon Pharmaceuticals, Medtronic, Inc., Medical Measurement, Prometheus Laboratories, Inc, Rome Foundation, Sandhill Scientific, and Tranzyme, Inc. for supporting this meeting.

**Little Brain Big Brain (LBBB)** AMMS council approved support of the LBBB 2012 meeting with an unrestricted grant of \$10,000. The 13th LBBB meeting was held on September 4–5, 2012 in Leuven, Belgium, immediately before the Joint International Neurogastroenterology and Motility meeting in Bologna, Italy. Lukas Van Oudenhove, Werend Boesmans, Ricard Farre, and Pieter Janssen, organized this very successful meeting.



Young scientists “who showed the most potential in the field” were invited to present their latest findings. They came from all over the world – 9 from USA/Canada, 15 from Europe, 5 from Australia/New Zealand, and 1 from Brazil.

Keeping the great tradition of LBBB in mind, the meeting was set up as a forum for young investigators to propose and discuss novel ideas in neurogastroenterology. This structure provides a constructive learning environment where participants can gain understanding of the breadth of research in the field. The meeting also serves as an informal gathering for participants to meet peers and potential collaborators who have technological and intellectual tools unavailable in their own institutions.

The positive feedback from participants suggests that this meeting launches many fruitful collaborations. There is no doubt that LBBB boosts the careers of the next generation of leaders in neurogastroenterology, thereby maintaining and advancing the vigor of the field. The next LBBB meeting will be held prior to the joint international meeting of the Federation of Neurogastroenterology and Motility in Bangkok, Thailand, according to the conditions for future support set by ANMS.



*Upper row, left to right:* Leela Avula, Gemma Mazzuoli, Tanja Babic, Malvyne Derkinderen, Werend Boesmans, Niall Hyland, Jill Hoffman, Yvonne Ritze, Tanya Little, Stephen Kentish, Guillaume De Lartigue, Takanobu Okamoto, Pieter Janssen, Simona Agostini, Roeland Buckinx, Azucena Perez-Burgos, Maria Vicario Perez, Patrick Hughes, Yeong Yeh Lee.

*Lower row, left to right:* Jaime Foong, Ricard Farre, Arthur Beyder, Lee Tran, Madusha Peiris, Claude Botha, Peng Du, Lukas Van Oudenhove Missing: Enrique Coss-Adame, Renata Pereira Caldeira, Heiko De Schepper, Carla Cirillo, Jakub Fichna, David Bulmer, Sung Jin Hwang



## Upcoming Meetings • DDW • Huntington Beach, CA • Bangkok, Thailand

### 3rd Annual ANMS Reception at DDW

*All are invited!*

6:30–8:00 pm

Monday, May 20, 2013

Orchid Room, Peabody Hotel, Orlando, FL

Visit ANMS Booth #810 • DDW Exhibit Hall

**DDW Proposals** Thank you to ANMS members for submitting proposals for DDW research symposia and state-of-the-art lectures. The ANMS Research Committee received fourteen proposals. Of these, six will be presented at DDW symposia sponsored by Neurogastroenterology and Motility.

See **DDW program highlights** on pages 7 & 8.

## Save the Date Huntington Beach, CA • September 20–22, 2013



### Preregistration discount by July 15th

[www.motilitysociety.org](http://www.motilitysociety.org)

### Meeting Highlights

#### Postgraduate Course

- Focus on applications of GI motility tests in clinical practice
- Workshops for different levels: physicians, nurses, technicians, and gastroenterology fellows
- Case-based learning for physicians, nurses, and gastroenterology fellows

This course will familiarize and update participants on current indications, methodology, interpretation, and proper use of clinical GI motility tests. The pathophysiology and treatment of GI motility and functional bowel disorders will be discussed in depth.

#### Scientific Meeting

- **ANMS Tripuraneni Oration** entitled *Managing the Challenges of the Future: Lessons From Global Health*, **Tadataka Yamada**, Executive Vice-President, Chief Medical & Scientific Officer, Takeda Pharmaceuticals.
- **State-of-the-art lectures** on hot topics in neurogastroenterology & motility
- **Oral and poster scientific presentations** on cutting-edge research

The scientific meeting will address many cutting-edge research areas, from clinical to translational and basic aspects of neurogastroenterology and functional GI disorders.

**Topics will include** mechanisms of visceral pain, genetic and epigenetic approaches, role of gut microbiota, food sensitivities and intolerances, patient-reported outcomes, and biomedical informatics.

**Disease areas that will be discussed include** esophageal disorders, functional dyspepsia, gastroparesis, irritable bowel syndrome, chronic constipation, and fecal incontinence.

**Participants will learn more about current and novel therapeutic approaches** for these conditions including the role of acid-suppressants, prokinetics, probiotics, dietary interventions, visceral analgesics, secretagogues, guanylate cyclase C agonists, and other novel and emerging therapies, as well as devices.

#### Young Investigator Forum

Fifteen investigators were chosen from the highest scoring submitted abstracts to participate in this unique one-on-one mentoring program.



## Upcoming Meeting • Bangkok

### Federation of Neurogastroenterology and Motility

The Federation of Neurogastroenterology and Motility (FNM, formerly NGM), our new international umbrella organization, will host the joint international motility meeting every two years. The Federation includes three full members – the American Neurogastroenterology and Motility Society, the European Society of Neurogastroenterology and Motility, and the Asian Neurogastroenterology and Motility Association – and two associate members – Australasian Neurogastroenterology and Motility Association and Sociedad Latinoamericana de Neurogastroenterología (SLNG). The Asian society will host the next international meeting on September 5–7, 2014 in Bangkok, Thailand.

For more information visit: [www.fnm2014.org](http://www.fnm2014.org)



Siam Paragon, Bangkok, Thailand

## News from the International Foundation for Functional Gastrointestinal Disorders (IFFGD)

### We need your help

The **Functional Gastrointestinal and Motility Disorders Research Enhancement Act** has been reintroduced in the House of Representatives with bipartisan support as bill number H.R. 842. In addition to raising critical awareness of functional GI and motility disorders and the needs of patients, passage of H.R. 842 will grant the NIH new authority to initiate research projects; establish a Centers of Excellence Program in this area; coordinate research activities with the Department of Defense and the VA; and call on the FDA to improve review of treatments for FGIMDs. IFFGD has set up an action alert for people to contact their Representative about H.R. 842 at: [www.iffgd.org/HR842action](http://www.iffgd.org/HR842action). It will only take a couple of minutes; the letter is already prepared and you can edit it if you like. We look forward to working with you to help The Functional Gastrointestinal and Motility Disorders Research Enhancement Act become law!

### IFFGD Seeking Grant Applications

IFFGD is seeking applications for three grants of \$40,000 each in direct costs for innovative research related to idiopathic gastroparesis. Applicants must have completed an MD, PhD, or equivalent degree. Deadline for submitting applications is September 3, 2013. Details and application forms are online at [www.iffgd.org/gp-grants](http://www.iffgd.org/gp-grants).

**Thank you** for your continued support of IFFGD, and your work on behalf of patients.

## ANMS Committees

### Clinical Practice Billing and Coding

**Chair:** Adil Bharucha

**Vice-Chair:** Benson Massey

**Members:** Deborah Bethards, Carlo Di Lorenzo, C. Prakash Gyawali, William Hasler, John Wo

### Education

**Chair:** John Pandolfino

**Vice-Chair:** Brennan Spiegel

**Members:** Lucinda Harris, Hayat Mousa, Yehuda Ringel

### Finance and Fund Raising

**Chair:** Lin Chang

**Vice-Chair:** John Wiley

**Member:** Ronnie Fass

### Journal Representatives

Michael Camilleri, Beverley Greenwood-Van Meerveld

Yvette Taché

### Liaison

**Chair:** Satish Rao

**Vice-Chair:** Margaret Heitkemper

### Membership

**Chair:** Ronnie Fass

**Vice-Chair:** Keith Sharkey

**Members:** Simon Gibbons, Baharak Moshiree, Jose Remes

### Pharma, Industry, and FDA

**Chair:** John Wiley

**Vice-Chair:** Beverley Greenwood-Van Meerveld

**Members:** Michael Camilleri, William Chey

### Research

**Chair:** Gary Mawe

**Vice-Chair:** Catia Sternini

**Members:** Kirsteen Browning, Tony Lembo, Ravi Mittal, Bruce Naliboff, Greg Sayuk



## Neurogastroenterology & Motility Section Symposia at DDW 2013

To view the Neurogastroenterology & Motility Program at DDW 2013 go to  
<http://www.gastro.org/about-aga/council-sections/neurogastroenterology-motility>

### Saturday, May 18, 2013

2:00 PM – 3:30 PM

AGA Translational Symposium

#### **The Intestinal Microbiome and the Gut-Brain Axis**

**Sponsored by:** Neurogastroenterology and Motility, Growth, Development and Child Health, Intestinal Disorders, Hormones, Transmitters, Growth Factors & Their Receptors, Nutrition & Obesity

*Chairs:* Eamonn M. Quigley, Purna C. Kashyap

#### **Overview of the intestinal microbiome – concepts, measures and techniques for evaluation**

James Versalovic

#### **How the microbiota can affect intestinal function**

Giovanni Barbara

#### **How the microbiota can impact brain function and behavior**

Premysl Bercik

#### **Targeting the microbiome in the treatment of GI disorders**

Yehuda Ringel

4:00 PM – 5:30 PM

#### **Neurogastroenterology & Motility Distinguished Abstract Plenary and Business Meeting**

*Moderators:* Henry P. Parkman, Pankaj J. Pasricha

### Sunday, May 19, 2013

10:00 AM – 11:30 AM

AGA Translational Symposium

#### **Esophageal Pathophysiology: Better Understanding and Treatment of Dysphagia and Chest Pain**

**Sponsored by:** Neurogastroenterology and Motility, Esophageal, Gastric & Duodenal Disorders, Imaging & Advanced Technology

*Chairs:* Guy E. Boeckstaens, Reza Shaker

#### **Novel diagnostic strategies to understand esophageal function and dysfunction**

John E. Pandolfino

### Sunday, May 19, 2013 *continued*

#### **Longitudinal muscle: forgotten half of the esophageal muscle – it's function and dysfunction**

Ravinder K. Mittal

#### **Novel therapeutic options for nonobstructive dysphagia and chest pain**

Ronnie Fass

#### **Esophageal hypersensitivity: detection and how to treat?**

Qasim Aziz

### Monday, May 20, 2013

2:00 PM – 3:30 PM

AGA Translational Symposium

#### **New Treatments for Nausea and Vomiting**

**Sponsored by:** Neurogastroenterology and Motility, Clinical Practice, Esophageal, Gastric & Duodenal Disorders, Growth, Development and Child Health

*Chairs:* Richard W. McCallum, Kenneth L. Koch

#### **5HT-3 receptor antagonists for nausea and vomiting – oral, intravenous, ODT, and transdermal**

William L. Hasler

#### **Emerging and experimental approaches to nausea**

Pankaj J. Pasricha

#### **Cannabinoid receptors: function and therapeutic implications for nausea**

Keith A. Sharkey

#### **Acupuncture, acupressure, acustimulation for nausea**

Jiande Chen

*continued next page*



## Neurogastroenterology & Motility Section Symposia at DDW 2013 *continued*

### Monday, May 20, 2013 *continued*

4:00 PM – 5:30 PM

AGA Translational Symposium

#### Enteric Neuropathology

**Sponsored by:** Neurogastroenterology and Motility, Growth, Development and Child Health, Immunology, Microbiology & Inflammatory Bowel Diseases, Imaging & Advanced Technology

*Chairs:* Henry P. Parkman, Greger Lindberg

#### Importance of enteric neuropathology

Pankaj J. Pasricha

#### Obtaining tissue: surgical, endoscopic and minimally invasive techniques

Elizabeth Rajan

#### Evaluation of full-thickness biopsy specimens: processing, special stains, evaluation

Gianrico Farrugia

#### Clinical applications: who to biopsy and what to do with the results

Roberto De Giorgio

### Tuesday, May 21, 2013

10:00 AM – 11:30 AM

AGA Translational Symposium

#### Intestinal visceral pain in irritable bowel syndrome

**Sponsored by:** Neurogastroenterology and Motility, Clinical Practice, Growth, Development and Child Health

*Chair:* Lin Chang

#### Pathophysiology of visceral pain

Michael Camilleri

#### Animal & preclinical models of visceral hyperalgesia

L. Ashley Blackshaw

#### Translational investigation of visceral hyperalgesia

Adrian Miranda

#### Therapies for visceral pain in IBS

William D. Chey

2:00 PM – 3:30 PM

AGA Translational Symposium

#### Bile acids in disorders of lower GI function

**Sponsored by:** Neurogastroenterology and Motility

*Chairs:* Magnus Simrén, Michael Camilleri

#### Bile acids: synthesis, physicochemical properties, enterohepatic circulation

Alan F. Hoffman

#### Bile acid malabsorption: causes, pathophysiology and clinical presentations

Julian R. Walters

#### Bile acids as targets for therapy in functional and motility disorders

Michael Camilleri

### Employment Opportunities

The Division of Gastroenterology and Hepatology at MetroHealth Medical Center, Case Western Reserve University offers academic positions in GI Motility for candidates with either MD or PhD. Those interested in more information are requested to contact Ronnie Fass, MD at [rfass@metrohealth.org](mailto:rfass@metrohealth.org) or Jane Knowles at 216-778-7381.

### Sponsors

ANMS sincerely acknowledges the generous support of all our sponsors over the past year.

AB Diagnostics, LLC, Forest Research Institute (a subsidiary of Forest Laboratories, Inc. and Ironwood Pharmaceuticals), Given Imaging, Inc., Mederi Therapeutics, Inc., Prometheus Laboratories, Inc., Rhythm Pharmaceuticals, Inc., Rome Foundation, Takeda Pharmaceuticals International, Inc., U.S. Region, Theravance, Inc.