

the RECORDER

American Neurogastroenterology and Motility Society

Spring 2014 • Volume 3 • Number 1

The President's Message



Lin Chang, MD

Several exciting new activities are taking place, in addition to our traditional ones. The Council's main endeavor has been the development of a strategic plan for ANMS. We began this process over a year ago and are now beginning to implement some of the activities. I will outline these below.

New activities

Among the new activities is a research initiative to increase collaborative studies and funding, which we hope will lead to a request for application (RFA) by the NIH. The focus of the research is biomarkers for irritable bowel syndrome (IBS). President-Elect John Wiley is leading this initiative and will provide updates as progress is made. Another priority that arose from our strategic plan is to reinvigorate the mentoring program for our junior faculty. To this end, we plan to form a Junior Faculty Committee. It will be overseen by Ronnie Fass and Beverley Greenwood-Van Meerveld and led by ANMS junior faculty members who will create and promote new programs that focus on career development. We also recognize the importance of pediatric gastroenterology in our society and will initiate a Pediatric GI Committee. We are open to recommendations for committee members and we welcome ideas for programs for these two new committees.

Outreach to other disciplines, health care providers, and GI societies is another priority of our strategic plan. Related to this goal, I would like to welcome our new members from the Mexican Association of Gastroenterology (MAG). ANMS will be participating with MAG at their National Congress Meeting in Cancun, Mexico, November 15–19, 2014. ANMS and MAG are collaborating on a “hot topics” symposium at this meeting.

ANMS is involved in two other new activities I would like to share with you. As some of you may know, the GI Fellowship Training Programs will be under a new accreditation system in graduate

medical education starting July 2014. The ACGME has mandated the Next Accreditation System (NAS) to ensure that trainees are competent in entrustable professional activities (EPAs) and reach competency milestones. There will be 13 EPAs in GI. ANMS has been working with representatives from the other GI societies, AGA, ACG, AASLD, and ASGE to develop the EPAs. Prakash Gyawali and John Pandolfino have worked diligently in this endeavor. There are plans to simultaneously publish this information in the five societies' respective journals in the coming months, including *Neurogastroenterology and Motility*. The second endeavor is the selection of a conference on IBS, developed by my esteemed ANMS colleagues, Michael Camilleri, Margaret Heitkemper, and John Wiley, and me, as the next AGA Freston single topic conference in 2015. We are thrilled about this and hope you will all attend.

Our educational conferences, which have been a long-standing ANMS trademark activity, have been very successful and well-regarded. Last year was no exception. Over 400 registrants attended the ANMS Postgraduate Course and Scientific Meeting, held in Huntington Beach, CA in September. Among the highlights were Dr. Tachi Yamada's inspiring ANMS Tripuraneni Oration, *Managing the challenges of the future: Lessons from global health*, the breadth of research and clinical presentations, and the venue.



Lin Chang presents the **ANMS Tripuraneni Oration Award** to Tadataka (Tachi) Yamada, Executive Vice-President, Chief Medical & Scientific Officer, Takeda Pharmaceuticals.

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Publication

The Recorder is published twice a year.

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We also hosted the 10th Annual Young Investigator Forum in Huntington Beach in September 2013. The Forum was conducted by Greg Sayuk, chair, Brennan Spiegel, co-chair, and two faculty participants, Shanthi Srinivasan and Lukas Van Oudenhove. Fifteen young investigators participated in this exclusive and superb mentor-mentee program and walked away with fresh ideas and hopefully inspired to be future leaders.



Young Investigator Forum (in alphabetical order): T Angeli, W Boesmans, G de Lartigue, A Erdogan, P Hughes, Y Jiang, A Johnson, D Kendig, P Lu, H Ly, B Nezami, J Noelting, A Pauwels, G Sayuk, B Spiegel, S Srinivasan, L Tran, L Van Oudenhove, N Weltens.

Our 2014 Postgraduate Course on Gastrointestinal Motility and Neurogastroenterology in Clinical Practice will be held in Baltimore, Maryland on Friday, July 25 to Sunday, July 27. John Pandolfino, chair of the Organizing Committee, has worked proficiently with the ANMS Education Committee and John Clarke and his colleagues at Johns Hopkins University to plan a course with state-of-the-art lectures and live demonstrations. Greg Sayuk has graciously agreed to continue as chair of the Young Investigator Forum. This forum provides a unique opportunity for young investigators to get one-on-one mentoring in a small group setting. Skills related to scientific presentations, research grant writing, and career planning are developed in consultation with accomplished faculty in neurogastroenterology.

As a society, we reflect on a phenomenal history, and envision an exciting future. I would like to convey my deepest thanks to all ANMS members who have dedicated their time and effort to the society and also to our sponsors who have supported our programs. It has been an honor to serve as the President of ANMS and I look forward to continuing to work with all of you to achieve our goals. I hope to see you at our ANMS reception on Monday, May 5 during Digestive Disease Week (see time and location on page 5). Congratulations to all ANMS members who had their symposium proposals accepted into the DDW program and also to those who had abstracts selected for presentation!



Research Committee



Gary Mawe

This past year, the ANMS Research Committee received 13 outstanding grants for research support. After careful appraisal, two grants of \$30,000 were awarded. The research grants continue to be a feature of our society's efforts to support the career development of our junior investigators, and we plan to fund two more grants in 2015.

The success of the ANMS Research Grant program was underscored by the results of a recent survey of former awardees that was conducted to ensure that this program is meeting the needs of our junior investigators. Of the 10 former awardees who were contacted, 8 returned the surveys and they were in unanimous support of the program. To date, 12 publications have been supported by these grants, and the ANMS was acknowledged on each. In response to the input from the former awardees, we are expanding the duration of the award to two years. Unfortunately due to budget constraints, the total amount received by each awardee will remain the same at this time.

2014 ANMS Research Grant Awardees

Basic Science

Laurent Gautron, PhD, Assistant Professor
University of Texas Southwestern Medical School, Dallas, USA
Anti-obesity actions of vagal afferents stimulation in the mouse

Clinical Science

Allen Lee, MD, Assistant Professor, University of Vermont, USA
The role of inflammation, immune activation and altered serotonin signaling in the pathogenesis of functional dyspepsia survival

2015 ANMS Research Grant Program

Submission deadline: November 7, 2014

Award start date: January 2015

For more information: www.motilitysociety.org.

Membership Committee



Ronnie Fass

The committee is evaluating avenues to increase the number of society members and to retain current members. Membership is expanding through international opportunities and by reaching out to people who use US-based motility equipment. We are asking our members if the society is meeting their expectations.

Clinical Practice Committee



Adil Bharucha

The Clinical Practice and Education Committees under the stewardship of Adil Bharucha and John Pandolfino organized the highly successful 2013 Postgraduate Clinical Course, held in Huntington Beach, CA in September. The 2014 Postgraduate Course will be in Baltimore, July 25–27. **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. For more information, visit www.motilitysociety.org. The Clinical Practice Committee is facilitating the development of ANMS Guidelines and Position Papers on management of oropharyngeal dysphagia, biofeedback therapy, and the effect of aging on GI functions. The Committee is also updating the registry of centers that offer motility tests.

Education Committee



John Pandolfino

John Pandolfino and his committee members Lucinda Harris, Benson Massey, Hayat Mousa, Yehuda Ringel, and Brennan Spiegel are finalizing the 2014 Postgraduate Clinical Course to be held in July. They are also reviewing venues and planning programs for the 2015 and 2016 meetings. Suggestions for locations are welcome. The ANMS proposal on IBS was selected for the 2015 AGA Freston single topic conference.

Clinical Training Program This program has been an important vehicle for ANMS core values. We have trained 125 trainees across North America since 2006 and we will be training 25 fellows during the next year. The program plans to add Northwestern University and Johns Hopkins, for a total of 13 centers of excellence. A Reunion Gala is being planned for the 2016 meeting. **Young Investigator Forum** Fifteen young investigators will participate in the 11th Young Investigator Forum in July in Baltimore, MD. The committee comprises Gregory Sayuk, *Chair*; Braden Kuo, *Co-Chair*; Beverley Greenwood-Van Meerveld, and Shanthi Srinivasan. **Patient Education** ANMS patient education brochures describe 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 may download handouts free from www.motilitysociety.org.

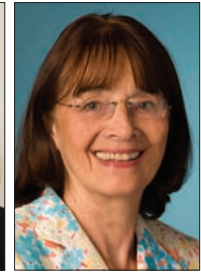
Journal Management Committee



Michael Camilleri



Beverley Greenwood-Van Meerveld



Yvette Taché

The Committee met in Orlando at DDW in 2013. Submissions to *Neurogastroenterology and Motility* continue to rise, with most from the US and Europe. Time to decision has declined from 32 to 24 days. ANMS members receive monthly eTOCs. The committee discussed eTOCs, impact factor, and the review process; specifically, prescreening manuscripts from non-English speaking countries for readability and scientific focus. Arjan Bredenoord and Sylvie Bradesi were appointed as associate editors in January 2013. A journal app is expected in 2014. The next meeting will be in Chicago at DDW 2014.



Outline of the ANMS Strategic Plan

This strategic plan will serve as our “Guiding Principles” and will define our Core Values, Purpose, Vision and Mission. At our Council’s annual retreat in January 2013, we spent a substantial amount of time and effort on developing a strategic plan. Outgoing, incoming, and current Council members and officers completed pre-strategic planning questions about our mission, core values, goals, accomplishments, and areas of improvement. In addition, our President-Elect John Wiley surveyed other senior leaders in our field for their input. At the retreat, we had a healthy and engaged discussion. A newly revised mission statement, core values, and goals and objectives were established by our Council. They can be found on our website: www.motilitysociety.org. The strategic planning executive committee, comprised of Lin Chang, John Wiley, Keith Sharkey, and Margaret Heitkemper, drafted a strategic planning and implementation document. This document was reviewed and discussed by our Council members at the annual Council retreat in January 2014.

Mission Statement

To be the multidisciplinary society leading the field of neurogastroenterology by fostering excellence in research, education, training, and patient care.

Neurogastroenterology encompasses the study of brain, gut, and their interactions with relevance to the understanding and management of GI motility and functional GI disorders.

Core Values

- Excellence
- Honesty, Integrity, Objectivity, Transparency
- Professional Sustainability
- Respect of Scholarly Diversity
- Innovation

Goals and Objectives

- To provide evidence-based management in neurogastroenterology motility and functional GI disorders based on the best clinical science to enhance cost effective care of patients
- To enhance the understanding of the fundamental mechanisms in neurogastroenterology, and its translation to improved health outcomes.
- To be a guild for clinical aspects of neurogastroenterology
- To establish boards in neurogastroenterology

Initiatives

At the January 2014 retreat, the Council discussed new initiatives and other ideas that were created from the strategic plan. See details in following text.

1. Research opportunities and funding

- Collaborative research initiative to strategize on ways to enhance collaborative research and funding for neurogastroenterology. John Wiley is currently leading this effort.
- Mini research sabbaticals to give ANMS members the opportunity to learn new research techniques and enhance research collaborations.

2. Junior Faculty Development

Formation of a new Junior Faculty Committee. Ideas include incorporation of separate workshops dedicated to young faculty into the annual meeting, a summer fellowship program, a grant proposal mentoring program, and increased grant funding to junior faculty.

3. Outreach Programs

The goals of outreach are to increase our membership and to increase visibility of ANMS and neurogastroenterology and motility in general.

- Work with other non-U.S. GI societies, such as the Canadian Association of Gastroenterology and the Mexican Association of Gastroenterology (MAG), to have ANMS give neurogastroenterology lectures or a symposium at their conferences, and also to collaborate on combined programs. ANMS is participating with MAG at the National Congress Meeting in Cancun, November 15–19, 2014. ANMS and MAG are collaborating on a “hot topics” symposium at this meeting.
- Reach out to societies and organizations of other disciplines and health care providers, such as nurse practitioners and physician assistants, to engage them in ANMS membership and educational programs in neurogastroenterology.

4. Pediatric GI Committee within ANMS

The Council agreed to establish a Pediatric GI committee to promote education, patient care, and research in pediatric neurogastroenterology and motility.

5. Engagement of the four ANMS interest groups

ANMS has 4 interest groups: 1) epidemiology, behavioral, psychosocial; 2) clinical trials, health outcomes; 3) peripheral neuroenteric; and 4) central neuroenteric. There should be a balance of representation of these interest groups on the Council and in our conference programs. ANMS is also exploring ways for each group to initiate independent activities and programs.



Upcoming Meetings • DDW 2014 • Baltimore, USA • Guangzhou, China

4th Annual ANMS Reception at DDW

All are invited!

6:30–8:00 pm

Monday, May 5, 2014

InterContinental Chicago, Seville East (Lobby Level)

Visit ANMS Booth #3110 • DDW Exhibit Hall

DDW Proposals

The ANMS Research Committee wishes to thank the ANMS members for submitting five proposals for DDW research symposia and state-of-the-art lectures. All will be presented at DDW. See **Neurogastroenterology and Motility Section highlights** on page 8.

Register Now July 25–27, 2014



KU MEDICAL CENTER
The University of Kansas

This educational activity is co-provided/co-sponsored by American Neurogastroenterology and Motility Society and University of Kansas Medical Center Continuing Education.

9th Postgraduate Course on
Gastrointestinal Motility & Neurogastroenterology
in Clinical Practice

11th Young Investigator Forum

Baltimore Marriott Waterfront Hotel, Baltimore, Maryland



Endorsed by the AGA Institute

Meeting Preregistration: fee discount if registered **before June 2, 2014**

Hotel Reservation Deadline: **July 3, 2014 by 6:00 pm EST**

Meeting Highlights

Current & new innovations in GI motility presented by world experts

- Normal physiology & pathophysiology
- Symptoms
- Motility tests – focus on applications in clinical practice
- Treatment options
- Illustrative case-based presentations will highlight tests and management options
- Meet-the-professor luncheon
- Small group sessions will allow participants to meet faculty and motility lab directors for informal, focused, topical discussions
- Basic science lectures will feature what's new in our understanding of neurogastroenterology and motility
- Workshops on clinically relevant hot topics

Live demonstrations will bring the motility lab to the conference room: esophageal manometry, impedance testing, wireless motility capsule, anal ultrasound, and high-definition manometry.

Workshops and case-based learning for all levels: physicians, nurses, technicians, & gastroenterology fellows

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

ANMS Tripuraneni Oration

Gerald F. Gebhart, PhD

Professor and Director of the Center for Pain Research
University of Pittsburgh

Communications From the Interior – A Visceral Pain Primer

www.motilitysociety.org



Upcoming Meeting • Guangzhou, China

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. *Note:* Due to a recent turn of events, the meeting has been moved from Bangkok, Thailand to Guangzhou, China.

For more information visit: www.fnm2014.org



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

We were pleased to begin this year by presenting three \$40,000 grants for research into idiopathic gastroparesis. After review of applications from investigators all over the world, Leo K. Cheng, Ph.D., Braden Kuo, M.D., and Richard W. McCallum, M.D. were chosen to receive the grants. We are grateful to our Selection Committee members – Kenneth L. Koch, M.D., Henry P. Parkman, M.D., Pankaj J. Pasricha, M.D., J. Patrick Waring, M.D., and William E. Whitehead, Ph.D., Committee Chair – for their time and careful consideration in selecting our grant recipients. These grants were made possible by donations and funds raised through our grassroots arm, the Digestive Health Alliance (DHA). The dedicated supporters through DHA are working hard to make a difference for those with functional GI and motility disorders.

You are each invited to join us for our annual DHA Advocacy Day in Washington, D.C. on June 23–24, 2014. Share your perspective as we meet with Congressional representatives on Capitol Hill to educate them about functional GI and motility disorders and critical needs for increased research funding support. Register now for DHA Advocacy Day at www.dha.org/advocacy2014. (Or if you prefer to take part from home, join our Call-In Day on June 17, 2014. Find out more at www.dha.org/advocacy2014-call.)

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

Visit www.iffgd.org

ANMS Committees

Clinical Practice

Chair: Adil Bharucha

Co-Chair: Benson Massey

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

Education

Chair: John Pandolfino

Co-Chair: Brennan Spiegel

Members: Lucinda Harris, Benson Massey, Hayat Mousa, Yehuda Ringel

Finance and Fund Raising

Chair: Lin Chang

Co-Chair: John Wiley

Member: Ronnie Fass

Journal Management

Michael Camilleri, Beverley Greenwood-Van Meerveld, Yvette Taché

Liaison

Chair: Satish Rao

Co-Chair: Margaret Heitkemper

Membership

Chair: Ronnie Fass

Co-Chair: Keith Sharkey

Members: Simon Gibbons, Baharak Moshiree, Jose Remes

Pharma, Industry, and FDA

Chair: John Wiley

Co-Chair: Beverley Greenwood-Van Meerveld

Members: Michael Camilleri, Lin Chang, William Chey

Research

Chair: Gary Mawe

Co-Chair: Catia Sternini

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



**ANMS Meetings 2013
Huntington Beach, CA**

Friends and colleagues at the opening reception.



Participants learned about the latest basic science and clinical research in poster and oral sessions.

**ANMS Council Members at the
Annual Retreat 2014**

Back row (left to right): K Sharkey, C Di Lorenzo, M Heitkemper, B Naliboff, B Massey, A Bharucha, B Spiegel, J Pandolfino, R Fass.
Front row (left to right): S Rao, C Sternini, L Chang, L Ennis, B Greenwood-Van Meerveld.



Sponsors

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

Ferring Pharmaceuticals, Inc., Forest Research Institute, Given Imaging, Ironwood Pharmaceuticals, Inc., Lexicon Pharmaceuticals, Inc., Mederi Therapeutics, Medtronic, Inc., Prometheus Laboratories, Inc., Rome Foundation Inc., Salix Pharmaceuticals, Inc., Shire, Sucampo Pharmaceuticals, Inc., and Takeda Pharmaceuticals North America.

Exhibitors

ANMS sincerely thanks our exhibitors for participating in the 2013 meetings and sharing in the excitement. Commonwealth Laboratories, Forest Pharmaceuticals, Inc. & Ironwood Pharmaceuticals, Inc., Given Imaging, Inc., Mederi Therapeutics, Medical Measurement Systems, Medtronic, Inc., PBM Pharmaceuticals, Prometheus Laboratories Inc., Rome Foundation, Salix Pharmaceuticals, Inc., Sandhill Scientific, Inc., Takeda Pharmaceuticals U.S.A., and The International Foundation for Functional Gastrointestinal Disorders (IFFGD).



Neurogastroenterology & Motility Sessions at DDW 2014

This year the Neurogastroenterology & Motility section has planned the following invited symposia and research fora.
View the program at <http://www.gastro.org/about-aga/council-sections/neurogastroenterology-motility>

Saturday, May 3, 2014

8:00 AM – 9:30 AM

AGA Research Forum

Microflora and the ENS: Evolving Concepts

10:00 AM – 11:30 AM

AGA Research Forum

Functional Bowel Disease: Pathophysiology and Molecular Mechanisms

10:00 AM – 11:30 AM

AGA Research Forum

Gastroparesis and Gastric Motility

2:00 PM – 3:30 PM

AGA Clinical Symposium

Neuroimmune Signaling in Irritable Bowel Syndrome

2:00 PM – 3:30 PM

AGA Clinical Symposium

Little Brain-Big Brain: Enteric Neuronal Correlates of Neurological Disease

4:00 PM – 5:30 PM

AGA Clinical Symposium

Mechanisms of ENS Plasticity

Sunday, May 4, 2014

8:00 AM – 9:30 AM

AGA Clinical Symposium

Diagnostic and Therapeutic Challenges in Esophageal Disorders

8:00 AM – 5:00 PM

AGA Research Forum

Enteric Neurobiology/Stem Cells

8:00 AM – 9:30 AM

AGA Research Forum

Brain and Gut Axis

8:00 AM – 9:30 AM

AGA Research Forum

Enteric Neurobiology: Cell and Molecular Biology

10:00 AM – 11:30 AM

AGA Clinical Symposium

NGM at the Cutting Edge: Invited Speaker Forum

10:00 AM – 11:30 AM

AGA Research Forum

Oropharyngeal Dysphagia

2:00 PM – 3:30 PM

AGA Research Forum

Novel Therapeutic Insights

2:00 PM – 3:30 PM

AGA Research Forum

Pathways to Dysfunction

Monday, May 5, 2014

6:30 AM – 7:45 AM

AGA Focused Clinical Update • Ticket required

Small Intestinal Bacterial Overgrowth

8:00 AM – 9:30 AM

AGA Clinical Symposium

Enteric Neuromuscular Control Mechanisms in Health and Disease

8:00 AM – 9:30 AM

AGA Research Forum

The Genetic Basis for Irritable Bowel Syndrome

10:00 AM – 11:30 AM

AGA Research Forum

Novel Physiologic and Diagnostic Approaches

12:30 PM – 2:00 PM

AGA Curbside Consultant • Ticket required

Difficult Abdominal Pain

2:00 PM – 3:30 PM

AGA Clinical Symposium

Fecal Incontinence: Unmet Needs and Future Directions

2:00 PM – 3:30 PM

AGA Research Forum

Functional Bowel Disease: Clinical Trials

2:00 PM – 3:30 PM

AGA Neurogastroenterology & Motility Distinguished Abstract Plenary

Distinguished Abstract Plenary Session

Tuesday, May 6, 2014

8:00 AM – 5:00 PM

AGA Research Forum

New Approaches to Anorectal Disorders

8:00 AM – 9:30 AM

AGA Research Forum

Pain and Nociception

10:00 AM – 11:30 AM

AGA Clinical Symposium

Non-Obstructive Small Bowel Dysmotility: The Neglected Syndrome in Neurogastroenterology

2:00 PM – 3:30 PM

AGA Research Forum

Functional Bowel Disease: Risk Factors and Epidemiology