



International Parkinson and Movement Disorder Society

# Moving Along

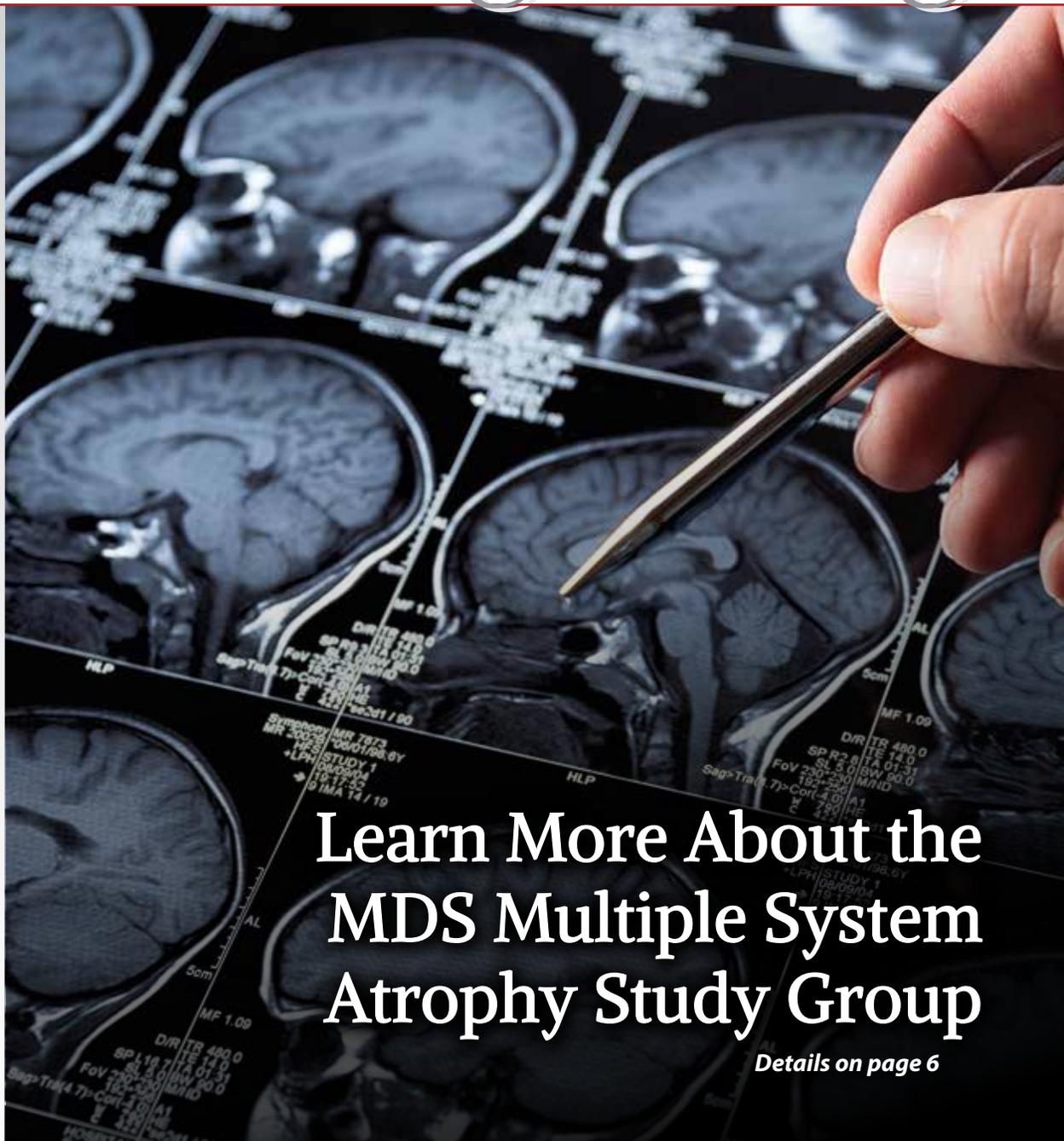
## In This Issue

Join MDS for the 19th International Congress in San Diego!

MDS Website Milestones: One Year Later

New Online Education: Device-Aided Medical Therapies for Parkinson's Disease

Highlights from the 4th AOPMC in Pattaya, Thailand



## Learn More About the MDS Multiple System Atrophy Study Group

Details on page 6

JUNE 14-18  
2015



SAN DIEGO, CA, USA



19TH  
INTERNATIONAL  
CONGRESS OF  
PARKINSON'S DISEASE  
AND MOVEMENT DISORDERS

Non-Profit Org.  
US Postage  
PAID  
Permit No.  
Milwaukee, WI

International Parkinson and Movement Disorder Society  
555 East Wells Street, Suite 1100  
Milwaukee, WI 53202-3823 USA



International Parkinson and  
Movement Disorder Society  
Asian & Oceanian Section

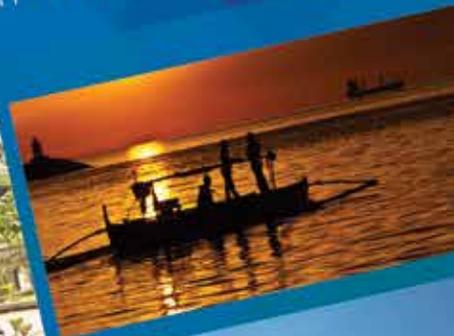


1999  
MOVEMENT DISORDER SOCIETY  
OF THE PHILIPPINES, INC.

# Save the Date

5<sup>th</sup> Asian and Oceanian Parkinson's Disease  
and Movement Disorders Congress

March 11-13, 2016 • MANILA, PHILIPPINES



## Important Dates:

Abstract Submission Opens: **July 1, 2015**

Registration and Housing Opens: **September 25, 2015**

Abstract Submission Closes: **September 30, 2015**



[www.movementdisorders.org/AOPMC2016](http://www.movementdisorders.org/AOPMC2016)



International Parkinson and  
Movement Disorder Society

#### OFFICERS

##### President

Matthew B. Stern, MD

##### President-Elect

Oscar S. Gershanik, MD

##### Secretary

Francisco Cardoso, MD, PhD

##### Secretary-Elect

Claudia Trenkwalder, MD

##### Treasurer

Christopher Goetz, MD

##### Treasurer-Elect

David John Burn, MD, FRCP

##### Past-President

Günther Deuschl, MD

#### INTERNATIONAL EXECUTIVE COMMITTEE

Paolo Barone, MD, PhD

Bastiaan Bloem, MD, PhD

Murat Emre, MD

Susan Fox, MRCP (UK), PhD

Victor Fung, MBBS, PhD, FRACP

Etienne Hirsch, PhD

Beom S. Jeon, MD, PhD

Michael S. Okun, MD

Anthony H.V. Schapira, DSc, MD

Mark A. Stacy, MD

International Parkinson and  
Movement Disorder Society  
International Secretariat  
555 East Wells Street, Suite 1100  
Milwaukee, Wisconsin 53202-3823  
USA  
Tel: +1 414-276-2145  
Fax: +1 414-276-3349  
info@movementdisorders.org  
www.movementdisorders.org

# Moving Along

## Table of Contents

- 4 Editorial: Carlo Colosimo, MD and Mark Stacy, MD
- 5 President's Letter: Matthew B. Stern, MD, MDS President
- 6 Feature Story: MDS Multiple System Atrophy Study Group
- 7,10 Society Announcements
- 8 International Congress
- 13 European Section: Olivier Rascol, MD, PhD, MDS-ES Chair
- 17 Asian and Oceanian Section: Louis Tan, FRCP, MDS-AOS Chair
- 20 Pan American Section: Jorge Juncos, MD, MDS-PAS Chair
- 23 MDS Education Calendar

## Letters to the Editors Your Comments and Questions Are Always Welcome

### Editorial Policy

As part of its democratic commitment, MDS welcomes the input of all its members about the features and articles that appear in this newsletter. Have a comment or question? Each issue will include responses in the "Letters to the Editor" section. All materials submitted become the property of MDS.

### Address your communications to:

Editor: *Moving Along*  
International Parkinson and Movement  
Disorder Society  
555 East Wells Street, Suite 1100  
Milwaukee, WI 53202-3823 USA  
Tel: +1 414-276-2145 • Fax: +1 414-276-3349  
E-mail: info@movementdisorders.org



Welcome to the first 2015 edition of *Moving Along*!

In the feature story, we continue to highlight the activities and mission of the MDS Study Groups, with an article by Prof. Gregor K. Wenning, Chair of the MDS Multiple System Atrophy (MSA) Study Group.

In his final letter as President, Dr. Matthew Stern provides an overview of the upcoming MDS election process and encourages all members to participate in this important activity for the Society. As editors, we would like to thank Dr. Stern for his leadership and support during his term these last two years. We would also like to thank the outgoing MDS Regional Section Chairs, Olivier Rascol (MDS-ES), Louis Tan (MDS-AOS) and Jorge Juncos (MDS-PAS) for their always timely contributions to this publication.

We invite everyone to attend the upcoming International Congress, taking place in San Diego from June 14-18 at the Manchester Grand Hyatt. Dr. Victor Fung, Chair of the Congress Scientific Program Committee, provides an overview of the scientific topics being presented at the International Congress; and Prof. Irene Litvan, Chair of the Congress Local Organizing Committee, provides options for all attendees to make the most out of the great attractions San Diego has to offer.

Lastly, look for contributions from the MDS Website Editors, marking one year since the redesign of the website, and the Health Professional (Non-Physician) Special Interest Group, as well as overviews of the MDS Rating Scales Program and the new online educational activity, Device-Aided Therapies in Parkinson's Disease. As always, we feature summaries from live educational courses from the various Regional Sections, including the 4th AOPMC in Pattaya, Thailand, "Alpha-Synuclein: The Gateway to Parkinsonism" in Innsbruck, and the first ever North American MDS-PAS School for Young Neurologists, held in Atlanta this past February. All of these resources and educational offerings are valuable benefits for MDS members and professionals worldwide.

We hope you enjoy this issue of *Moving Along* and look forward to seeing you in San Diego!



Carlo Colosimo, MD



Mark Stacy, MD

## Coffee Break CME

**REGISTRATION RATES**  
MDS Members: Free Non-Members: \$50 per module

**FOR MORE INFORMATION CONTACT:**  
MDS International Secretariat  
Email: [education@movementdisorders.org](mailto:education@movementdisorders.org)  
Phone: +1 (414) 276-2145

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

  
International Parkinson and Movement Disorder Society

Coffee Break CME is supported by an unrestricted educational grant from Teva Pharmaceuticals Ltd. and Novartis.

**NEW MODULES!**

- PARKINSON'S DISEASE MODULE 4:  
*IPD Deep Brain Stimulation*
- PARKINSON'S DISEASE MODULE 5:  
*IPD Premotor stage*
- PARKINSON'S DISEASE MODULE 6:  
*IPD Early treatment*
- PARKINSON'S DISEASE MODULE 7:  
*IPD Genetics*
- PARKINSON'S DISEASE MODULE 8:  
*IPD Motor Fluctuations*

**OTHER COFFEE BREAK CME MODULES:**

- TREMOR MODULE 1:  
*Essential, Kinetic, Postural, and Rest Tremors*
- TREMOR MODULE 2:  
*Cerebellar, Cortical, Dystonic, Holmes\*, Orthostatic, and Primary Writing Tremors*
- TREMOR MODULE 3:  
*FXTAS, Palatal, Peripheral Neuropathy Associated, Psychogenic, and Vocal Tremors*
- PARKINSON'S DISEASE MODULE 1:  
*PD and Dementia*
- PARKINSON'S DISEASE MODULE 2:  
*IPD Motor Symptoms*
- PARKINSON'S DISEASE MODULE 3:  
*IPD Non-Motor Symptoms*

The International Parkinson and Movement Disorder Society (MDS) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education (CME) for physicians. MDS designates each module in this educational activity for a maximum of 2.0 AMA PRA Category 1 Credits™.



In June 2015, the International Parkinson and Movement Disorder Society (MDS) will hold its biennial election at the Annual Business Meeting during the 19<sup>th</sup> International Congress of Parkinson's Disease and Movement Disorders in San Diego, CA, USA.

The election process is an essential component in the success of our Society. It is our responsibility to identify leaders who promote advances in our field and also provide vision and oversight of our Society to ensure its continued growth and success.

The election procedure is a multi-step process:

#### **January**

The Nominating Committee prepares a slate of candidates for each open Officer and International Executive Committee position in January of the election year.

#### **February-April**

A Call for Nominations is sent to all MDS members in February with the proposed slate of candidates. Each member has the opportunity to submit nominations for any additional individual he or she would like to stand for election. All additional nominations must be received by **April 17, 2015** and accompanied by a minimum of twenty-five letters of support from paid members of the Society.

#### **April-May**

By late April, the Nominating Committee and membership nominations will be combined to form the final ballot. Should you not have an opportunity to attend the Business Meeting during the International Congress on Tuesday, June 16, 2015 to vote, you can vote by Proxy Ballot, which has a return deadline of May 27, 2015 and will be mailed to you with your final ballot.

The Nominations Committee carefully considers many factors when selecting the slate of candidates who will represent the Society. This year's Nominating Committee included Chair, Werner Poewe, Günther Deuschl, Mark Hallett, Anthony Lang, Yoshikuni Mizuno, Philip Thompson and Jens Volkmann.

The criteria they used for assessing potential nominees for leadership positions in the MDS included:

1. Geographic diversity
2. Gender diversity
3. Special expertise and knowledge
4. Early as well as late career experience
5. Previous service in the MDS leadership (for Officer positions, a general guideline is that individuals serving at this level have served previously as committee, task force and/or regional section members, as chairs of one or more of these groups, and as members of the IEC. In the case of President-Elect, these individuals may also have had previous experience serving as an MDS Officer, i.e., Secretary or Treasurer)
6. Leadership/management skills
7. Discipline diversity (e.g. neurology, neurosurgery, basic science, etc.)

This election process ensures that MDS continues to be guided by a diverse group of individuals prepared to devote their efforts working for the betterment of the Society and the field of Movement Disorders. I hope you will participate in the election process. Your involvement is vital for the selection of an effective and innovative leadership which will contribute to the ongoing development and achievement of the Society.

With the conclusion of this election process, I would like to express my gratitude to the 2013-2015 MDS Officers, Drs. Francisco Cardoso, Claudia Trenkwalder, Christopher Goetz, David John Burn, Oscar Gershanik and Günther Deuschl, for their dedication and guidance in leading the Society with me for the past two years. Serving as MDS President has been a great honor and a tremendous experience. Together, we have accomplished much these last two years and have expanded our membership, worldwide educational portfolio and relationships with our foundation partners. We have new task forces dedicated to timely issues in our field and a pioneering leadership training program to help mentor tomorrow's leaders of our Society. We remain financially sound and are poised to support the innovative ideas that support our mission of worldwide education, research and awareness of Parkinson's disease and movement disorders. I look forward to handing over the gavel in San Diego to Oscar Gershanik, who I know will continue to lead the Society with great expertise and enthusiasm.

A handwritten signature in black ink that reads "Matthew B. Stern". The signature is fluid and cursive, with the first name being the most prominent.

Matthew B. Stern, MD  
MDS President, 2013-2015

## International Parkinson and Movement Disorder Society (MDS) Endorsed Multiple System Atrophy Study Group

— Gregor K. Wenning, MD, PhD, Professor of Clinical Neurobiology, Medical University of Innsbruck; Chair, MDS Multiple System Atrophy Study Group

Multiple system atrophy (MSA) is a rare and relentlessly progressive movement disorder with an estimated prevalence of 4 in every 100,000 people. There is currently no treatment available to significantly alleviate motor symptoms or to modify the natural course of the disease. In addition, there are no widely accepted recommendations on symptomatic treatment strategies available. Thus far, clinical MSA research has been limited by the low prevalence rate preventing individual research sites from studying sufficient patient numbers. Acknowledging this shortcoming, a coordinated effort at an international level is required to advance MSA research in terms of biomarker discovery, early diagnosis, definition of genetic underpinnings and translational drug development allowing the timely discovery of novel interventional therapies. These unmet research needs were identified by the founding members of the International Parkinson and Movement Disorder Society's MSA Study Group. The first step was to join forces of individual MSA study groups including the European MSA Study Group (EMSA-SG), the North American Autonomic Disorders Research Consortium (US-ADRC), the Japanese MSA Consortium (JAMSA-C) as well as Pan-American Consortium of Multiple System Atrophy (PANMSA).



As MSA is a rare disease, the small number of cases poses significant challenges when it comes to organizing clinical trials with a number of patients large enough to provide an adequate statistical power to detect the efficacy of target molecules. The development of a Global MSA Patient Registry, one of the major goals of our study group, will foster the resolution of these difficulties; it would be easier to assemble speedily a sizeable cohort of MSA patients willing and eligible to work with legitimate clinical researchers to test the best potential therapies on a worldwide scale.

We are currently in route to complete the set-up of the required infrastructure and we expect to enrol the first patients in early 2015. We believe, as has been the case with other rare disorders, the successful implementation of a Global MSA patient registry will improve collaborative research opportunities that ultimately benefit the MSA patients. In addition to using the Global MSA Registry patients as a channel for serious MSA clinical researchers to reach MSA

patients and recruit them on an international scale, the Global MSA Registry will also be used to relay well-founded research discoveries back to the MSA community. We encourage interested researcher to get in touch with us, to further extend the reach of the Global MSA Patient registry.

## MDS Website Milestones: One Year Later

— Hubert Fernandez, MD, Co-Editor, MDS Website; Head, Movement Disorders, Cleveland Clinic, Cleveland, OH, USA

— Susan Fox, MRCP (UK), PhD, Co-Editor, MDS Website; Associate Professor of Neurology, University, of Toronto, Toronto Western Hospital, Toronto, ON, Canada

Since the launch of the new website in April 2014, we have worked diligently to make sure our members are receiving the information and resources they need. The site saw more than one million page views last year, and here is just a sampling of what is available online:



- Themed bimonthly editions - Check it out under 'What's New!'
- A Conference Calendar with an extensive listing of international workshops and conferences for 2015 and 2016
- A growing Video Library which offers more than 1,600 movement disorders videos searchable by author, title or movement disorder keyword
- Quarterly E-Journal: *Movement Disorders-Clinical Practice* - Post your comments on select articles in each issue
- More than 700 podcast episodes of *Movement Disorders*
- Archived guest articles and research dating back to 2008
- Google Translate option for reading webpages in 80+ languages
- New "Oral History" interviews with MDS members

### We want to hear from you!

Do you have something you want to post or ideas for things you'd like to see on the MDS website? Whether it's a new research paper, upcoming conference, news from the field of movement disorders, a colleague's accomplishments, or a simple update from your region of the world, send it our way and we'll consider it for the Society's website.

For more information about the submission process, visit the News page of the website.

### MDS communities continue to connect members around the world

Our Facebook, Twitter, LinkedIn and YouTube channels continue to grow, connecting our members, friends and colleagues throughout the world. We encourage you to join one of the Society's interactive communities today and share your stories, photos, videos, updates, news, and more!

Visit the MDS website to connect with:

- More than 1,500 members on Facebook
- More than 2,800 Twitter followers
- More than 500 connections on LinkedIn
- More than 100 subscribers on YouTube

## Connect to the Movement Disorder Community Through the MDS Website



International Parkinson and Movement Disorder Society

### MDS Website Resources:

- Journals
- Online CME
- Video Library
- EBM Reviews
- Regional Section Updates
- Rating Scales
- MDS-UPDRS and UDysRS
- Online Training
- and much more!



Visit the MDS website today at [www.movementdisorders.org](http://www.movementdisorders.org)

# 19<sup>th</sup> International Congress of Parkinson's Disease and Movement Disorders Theme: Multi-System Proteinopathies: From Paradigm Shift to Therapy

— Victor Fung, MBBS, PhD, FRACP, Sydney, Australia; Chair, MDS Congress Scientific Program Committee



The 19<sup>th</sup> MDS International Congress of Parkinson's Disease and Movement Disorders is fast approaching! We look forward to welcoming you to the beautiful harbour city of San Diego from June 14-18, 2015 to see our distinguished faculty deliver cutting edge updates on clinical and scientific topics across the field of Parkinson's disease and movement disorders, but just as importantly to form

or renew friendships and collaborations with colleagues from around the globe. And when your mind needs some rest and rejuvenation, in the accompanying article Prof. Irene Litvan, Chair of the Congress Local Organizing Committee, has outlined some of the recreational highlights of San Diego.

At each annual MDS International Congress, the Congress Scientific Program Committee selects a theme that is highlighted throughout the meeting. The discovery of protein misfolding as one of the key pathological features of neurodegenerative disease, and subsequent observations on the ability of abnormal proteins to self-propagate and transmit disease, has led to successful disease-modifying treatment in animal models and the hope of human trials. This year's theme, "**Multi-System Proteinopathies: From Paradigm Shift to Therapy,**" will be showcased in two Plenary Sessions, seven Parallel Sessions, one Skills Workshop, two Video Sessions and one Teaching Course.

The 2015 International Congress of Parkinson's Disease and Movement Disorders is a very special event. It marks the 25th year anniversary of MDS Congresses, the first of which was held in Washington, D.C., in 1990. A number of sessions will contain highlights to commemorate this anniversary. The Therapeutic Plenary Sessions on Sunday will include historical perspectives on how changes in how we think about hypokinetic and hyperkinetic movement disorders over the last 25 years have shaped our treatment.

The Opening Plenary Session on Monday, June 15 will be the **Presidential Lectures**, which celebrate the contributions of Stanley Fahn (awarded to Günther Deuschl) and C. David Marsden (awarded to Jose Obeso). This will be followed by a very special highlight, Movement Disorders Grand Rounds, where the four clinical experts assessing the patients and discussing their cases will be Stanley Fahn, Joseph Jankovic, Andrew Lees and Eduardo Tolosa, who together with the late C. David Marsden founded The *Movement Disorder Society* in 1985.

Wednesday evening, June 17, will mark the 8th year of the **MDS Video Challenge**. Interesting and challenging cases chosen from around the world will be presented by fellows or junior MDS members representing their countries, and awards given to the best presentations. The cases will be discussed by a senior Panel of Experts who will enlighten the audience by demonstrating their diagnostic reasoning.

On Wednesday morning, MDS will be showcasing a new Plenary Session: **Breaking News in Movement Disorders**. Don't miss this session which will highlight major clinical and scientific breakthroughs and news that are hot off the press, and which were too recent to have been included on the program when it was finalized.

On Thursday, June 18, the final day of the Congress, the **Blue Ribbon Highlights** session will review the most important basic and clinical research findings presented by delegates during the course of the meeting. There are of course many more highlights for which there is insufficient space to mention specifically, but which are available to review in detail in the Scientific Program.

The CSPC has again strived to devise a program with broad appeal to clinicians, basic scientists, allied health professionals and trainees and we firmly believe there is something for everyone at the San Diego Congress. The MDS International Congress is one of the key *raison d'être* of MDS. Ultimately, its success is measured by the engagement and participation of its delegates and speakers, not the program.

We hope though that the program will serve as an irresistible scientific temptation and I look forward to seeing you all in San Diego in June!

## Make the most of the beaches, harbors and shopping districts while in San Diego for the 19<sup>th</sup> International Congress, June 14–18, 2015

— Irene Litvan, MD, San Diego, CA, USA; MDS International Congress Local Organizing Committee Chair

On behalf of the Congress Local Organizing Committee, we look forward to welcoming you to beautiful San Diego in June 2015.

The city is located at the southwest point of California. San Diego's beaches along the Pacific Ocean are usually buzzing with surfers, beach-goers and sightseers. In addition to beaches, San Diego has many interesting and easily accessible attractions such as the Gaslamp Quarter, Seaport Village, Balboa Park, San Diego Zoo, Old Town, SeaWorld, La Jolla Cove, Soledad Mountain, Coronado Island, and Cabrillo Point.

The Gaslamp Quarter is an excellent place to start your visit in San Diego. It is the historic heart of San Diego, where you will find many restaurants, bars, shops, and buildings with renovated 19th-century facades. Nearby locations of interest are the multi-level mall at Horton Plaza, Petco Park baseball stadium which is home to the San Diego Padres, the Convention Center, and Seaport Village.

From downtown, you can drive across the two-mile long Coronado Bay bridge or take a ferry to the isthmus of Coronado, a luxurious resort community with a naval station. The massive Victorian-style Hotel del Coronado situated on the beach will catch your eye, is well worth a visit for a stroll along the white-sandy beach, a drink at the outdoor bar overlooking the ocean, or shopping at some of the stores inside the hotel.

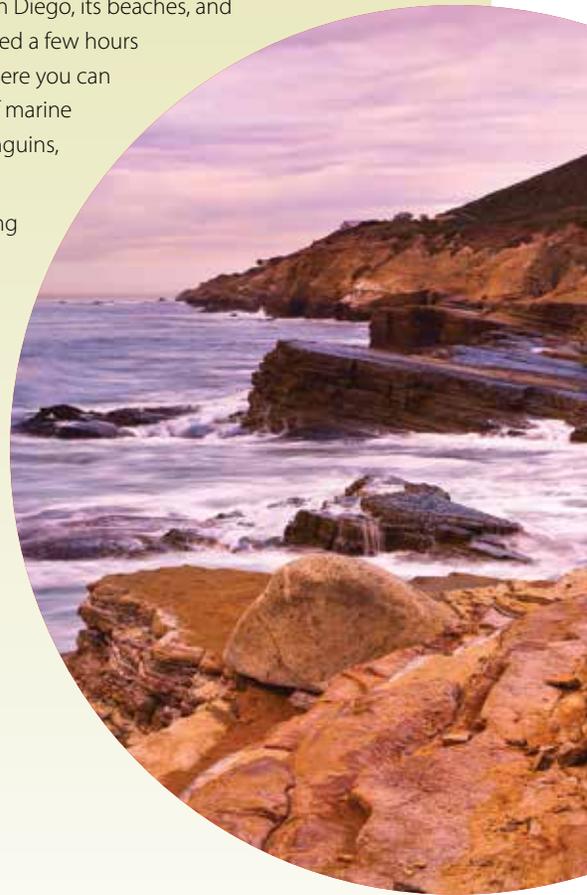
When you return from Coronado, stop at the Seaport Village where you will find diverse shops, restaurants and outdoor entertainment featuring live performances. From here, you can take a Seal Tour in which an amphibious vehicle takes you for a 90-minute, narrated ride through the streets before splashing into the San Diego harbor for a cruise. When you return to land, make your way to Balboa Park for a relaxing stroll or to visit the gardens, museums, and performance venues.

At Balboa Park you will be able to visit the Reuben H. Fleet Science Center, San Diego Natural History Museum and the Old Globe Theatre, modeled after the English venue where Shakespeare's plays were first performed. Adjacent to Balboa Park is the San Diego Zoo, which is home to thousands of animals representing over 800 species in beautifully landscaped enclosures that replicate their natural habitats.

From Balboa Park drive north about ten miles to visit the La Jolla Cove which is a protected marine reserve and one of California's most accessible diving locations. With an average depth of twenty feet, the 6000 acres of underwater park is also great for snorkeling. Ever-present are the spectacular, bright orange Garibaldi fish – California's official state fish and a protected species. Farther out are forests of giant California kelp and the 100-foot-deep La Jolla Canyon. At the nearby La Jolla Shores beach you can take a kayak tour to explore the coves. Before leaving the area enjoy a short stroll to Seal Beach where you can see seals and sea lions up close. Some of them might even pose for a (selfie) picture!

Nearby, at the top of Soledad Mountain, you can enjoy a panoramic view of San Diego, its beaches, and the ocean. You will need a few hours to enjoy SeaWorld where you can encounter a variety of marine animals including penguins, sharks, and whales.

San Diego is an exciting city offering diverse activities on land and at sea. We look forward to hosting the 19th International Congress and seeing you at the meeting in June!



## Device-Aided Medical Therapies in Parkinson's Disease: Online Educational Activity

*Device-Aided Medical Therapies in Parkinson's Disease* is a new online course series designed by a panel of worldwide specialists around the main practical issues involved in therapeutic treatments of Parkinson's disease. This course series, provided as ten separate modules, addresses issues such as identifying patients who may or may not benefit from the treatment, understanding the titration and the monitoring of clinical response, recognizing the main complications and managing them, and comparing these treatments with conventional oral dopaminergic therapies, as well as against each other. Modules are interactive online lectures which can be completed at the desired pace, and upon receiving a passing score, participants will obtain 1.0 AMA PRA Category 1 Credits™ for each module completed.

The management of the complicated Parkinson's disease (PD) patient is a frequent challenge in the practice of movement disorders. The widely available oral therapies present limitations for the management of advanced or complicated PD. In these circumstances, the use of continuous dopaminergic stimulation produced by pharmacological agents and deep brain stimulation is indicated. There is ample evidence of the benefit of these therapies, but there is an educational gap on practical aspects of their application, including worldwide availability, practical aspects of introduction and management, as well as therapeutic complications. This program aims at approaching this educational gap and increasing the competency and performance of the learner, with a targeted online course authored by experts and available to the world-wide audience through the internet. An overview of the modules is below:

- Module 1:** A practical comparison of apomorphine, long acting dopaminergic agents
- Module 2:** Indications and contraindications for the use of apomorphine, levodopa-carbidopa intestinal gel and DBS in PD
- Module 3:** The role of dopaminergic challenge tests before starting device aided therapy
- Module 4:** Practical aspects of performing dopaminergic challenge tests
- Module 5:** Introduction and starting & titrating continuous apomorphine infusion
- Module 6:** Starting and titrating enteral levodopa therapy
- Module 7:** Initial deep brain stimulation programming
- Module 8:** Introduction and complications of subcutaneous apomorphine injections and continuous infusions
- Module 9:** Complications of enteral levodopa
- Module 10:** Complications of deep brain stimulation

The International Parkinson and Movement Disorder Society (MDS) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education (CME) for physicians. MDS designates each module in this educational activity for a maximum of 1.0 AMA PRA Category 1 Credit.™



### Intended Audience

Neurologists, neurosurgeons, specialist nurses, and other health professionals.

### Registration Rates

MDS Members: Free  
Non-Members: \$50 per module

This course is sponsored by an unrestricted educational grant from Britannia and AbbVie.

### For more information:

[www.movementdisorders.org/MDS/Education/Latest-E-Learning/Device-Aided-Medical-Therapies.htm](http://www.movementdisorders.org/MDS/Education/Latest-E-Learning/Device-Aided-Medical-Therapies.htm)



MDS International Secretariat  
E-mail: [education@movementdisorders.org](mailto:education@movementdisorders.org)  
Phone: +1 (414) 276-2145

## MDS Rating Scales Program: Licensing, Online Training Programs and Translations

The International Parkinson and Movement Disorder Society (MDS) Rating Scales Program develops and maintains licensing and online training programs for MDS-owned rating scales. In the field of Movement Disorders, a rating scale is a diagnostic tool used to assess various movement disorders, their symptoms and severity. The rating scales allow medical professionals worldwide to be able to analyze the severity of these disorders in a standard and uniform way.

### MDS-Owned Rating Scales and Permissions

The two scales developed by MDS include The *Movement Disorder Society's* Unified Parkinson's Disease Rating Scale (MDS-UPDRS) and the Unified Dyskinesia Rating Scale (UDysRS). All other rating scales owned and licensed by MDS are those which have been published in the *Movement Disorders* journal, and scales for which MDS has obtained copyright and permission from the authors to license. Pharmaceutical companies, universities/non-profit institutions and individuals license these scales for clinical trials or research. By making these rating scales available and developing new scales, MDS works to improve patient care and the diagnosis of movement disorders, as well as increase the validity and reliability of research studies.

All institutions, foundations, pharmaceutical companies, or other bodies interested in using the MDS-UPDRS and UDysRS in any capacity other than individual patient care must receive official permission from MDS. Permission to use rating scales is free for individual use, but license fees may apply for government, non-profit or industry funded research studies.

For a complete list of MDS-owned rating scales and to request permission to use these scales, please visit the MDS website at:  
[www.movementdisorders.org/MDS/Education/Rating-Scales.htm](http://www.movementdisorders.org/MDS/Education/Rating-Scales.htm)



### MDS-UPDRS and UDysRS Online Training and Certificate Programs

MDS offers Online Training and Certificate Programs for both the MDS Unified Parkinson's Disease Rating Scale (MDS-UPDRS) and the Unified Dyskinesia Rating Scale (UDysRS). MDS strongly encourages all raters using the MDS-UPDRS or UDysRS to take the Online Training Program and Exercise. After watching a video-based training and successfully answering questions related to four case studies, the rater will receive an email confirmation indicating successful completion of the training program. The Online Training and Certificate Programs are an excellent way for health professionals to gain a full understanding of the MDS-UPDRS and UDysRS and be able to accurately apply them in clinical use.

### MDS-UPDRS and UDysRS Translation Programs

As part of the MDS Rating Scales Program, the Society offers an Official Translation Program for the two MDS developed rating scales, the MDS-UPDRS and UDysRS. The MDS Translation Teams actively develop new Official Translations of these scales and make them available on the MDS website and in the Online Training and Certificate Programs. Each Official Translation goes through a rigorous process, which include translation and back-translation, cognitive pre-testing and large-scale validation testing. Through this process, MDS Translation Teams are able to produce translations that stay true to form and keep the integrity of the original scale.

## Special Interest Group Update: Health Professionals (Non-Physician)

— Ruth Hagestuen, RN, MA, Minnetonka, MN, USA, Chair; Health Professionals (Non-Physician) Special Interest Group

The Health Professionals (Non-Physician) Special Interest Group (HP-SIG) of the International Parkinson and Movement Disorder Society (MDS) strives to enrich and broaden the scope of care, management, and research in the field of Movement Disorders through continuous dialogue, interaction, and collaboration of health professionals.

The HP-SIG provides a forum to establish an international interdisciplinary network of professionals in counseling, nursing, as well as rehabilitation and genetics in the field of Movement Disorders. The group started with just a few interested individuals in 2009 and has grown to well over 300 members today.

As the group continues to advance their initiatives, we are pleased to announce that 2015 brings many new and exciting changes for our group, but we're most proud of our increased visibility, educational offerings and initiatives, and growing momentum with the Society.

### Online Update

Find the Health Professionals (Non-Physician) SIG under QuickLinks of the new MDS website!



**Don't forget to check us out on Facebook!**  
Connect with other MDS Health Professionals!

### Education Update

In collaboration with the National Parkinson Foundation, the Health Professionals of MDS co-organized a successful Allied Team Training for Parkinson's Disease (ATTP) in San Diego, CA, USA in November of 2014.



#### Course Highlights from ATTP include:

- An interdisciplinary faculty of senior movement disorder specialists;
- A special focus on teams from different disciplines within the same institution;
- 3-days of interactive learning of building capacity for comprehensive interprofessional care in the treatment of Parkinson's disease; and
- A specialized session titled "Linking back to the workplace," whereby teams and individual participants made very specific plans for implementation of what they had learned at the close of the course.

The Health Professionals of MDS are currently exploring proposals for the 3rd Annual Allied Health Professional Summer School to be held later this fall. Details and information will be provided on the MDS website as it becomes available.

### Regional HP-SIG leadership groups meet throughout 2015 by section of the world!

Currently under development, these groups will meet quarterly, via teleconference to discuss thoughts, feedback, and expertise in regards to a broad range of topics, such as future educational and membership engagement activities for each respective region.



Pan American Section  
HP-SIG MDS-PAS  
Chair: Ruth Hagestuen



Asian & Oceanian Section  
HP-SIG MDS-AOS  
Chair: Victor McConvey



European Section  
HP-SIG MDS-ES  
Chair: Patrick Browne

Interested individuals are encouraged to email the International Secretariat at [ssurillo@movementdisorders.org](mailto:ssurillo@movementdisorders.org) to learn how to get involved with your section!

### Watch for International Congress Updates, coming soon!

This year, the HP-SIG of MDS will be offering two opportunities for networking at the International Congress to be held in San Diego, CA, USA, June 14-18, 2015. One opportunity will provide a panel of experts discussing development of inter professional networks of education and care; while the other will provide a full hour dedicated to interprofessional networking. Contact [ssurillo@movementdisorders.org](mailto:ssurillo@movementdisorders.org) for more information.

## MDS-European Section Letter from the Chair

— Olivier Rascol, MD, PhD, Professor of Clinical Pharmacology at Toulouse University Hospital, Toulouse, France; Chair, MDS-ES



For this first issue of *Moving Along* in 2015, I am pleased to look back on a highly successful year for the International Parkinson and Movement Disorder Society European Section (MDS-ES). The accomplishments of our Section rely on the participation of its membership, which reached an all-time high of over 1,600 members from 49 countries. The growing enthusiasm from members around Europe lead us to expand a number of programs this year that encourage scientific developments in our field and enhance the knowledge of Movement Disorders.

MDS-ES held 15 educational events in 2014, an increase from eight events in 2013, in addition to organizing collaborative education with the European Federation of Neurological Societies (EFNS) and the European Association of Nuclear Medicine (EANM). Educational programs have been held in Serbia, Hungary, Italy, Sweden, Spain, Portugal, Greece, Germany, Slovenia, Ukraine, Morocco, Russia, Udmurtia, Moldova and Bulgaria. I'm pleased to report that we reached an agreement with the newly formed European Academy of Neurology (EAN) which will enhance our ability to disseminate knowledge about Movement Disorders in Europe.

As the Section has grown, our ability to offer educational funding and other grant opportunities for our members have increased. Please see the side bar for further information about MDS-ES grant opportunities and I encourage you to take advantage of these opportunities.

I congratulate our 2015 Visiting Trainee grant recipients Valeria Sajin, Chisinau, Moldova (University of Lübeck, Germany); Ruxandra Joikits, Timisoara, Romania (IRCCS San Camillo, Italy); Kristina Lauckaite, Kaunas, Lithuania (King's College Hospital, United Kingdom); Vladimir Han, Kosice, Slovakia (University of Groningen, Netherlands); Sheila Klufio, Accra, Ghana (Newcastle University, United Kingdom). The goal of this grant program is to enable education, training and experience in movement disorders across the region and to foster long term links between medical training and research sites within Europe.

In closing, I would like to thank our Section Officers: Joaquim Ferreira, Anette Schrag, Pille Taba, Murat Emre, Carlo Colosimo and Werner Poewe whose hard work have contributed to our present success.

Olivier Rascol, MD, PhD  
Chair, MDS-ES

### MDS-ES Grant Opportunities

[www.movementdisorders.org/MDS/Regional-Sections/European-Section/MDS-ES-Leadership.htm](http://www.movementdisorders.org/MDS/Regional-Sections/European-Section/MDS-ES-Leadership.htm)

**Visiting Professor Program**, supports expert speakers for education and intellectual exchange

**Ambassador Program**, supports keynote speaker(s) at regional movement disorders or neurology meetings

**Developing World Education Grant**, supports local movement disorders education meetings/courses

**Visiting Trainee Grant**, supports applicants visit and study at a European Movement Disorders Center (application deadline: October 2015)

**Parkinson and Movement Disorder Curriculum**, presentations are available for organizations seeking an overview of movement disorders and a clinical approach to the evaluation and management of common movement disorders.

**Supported Meetings**, supports new and novel scientific meetings (application deadlines: December 1 and May 1)

## Sleep in Movement Disorders – Barcelona, Spain, January 30–31, 2015

— Alex Iranzo, MD, Hospital Clinico Barcelona, Barcelona, Spain

The Sleep in Movement Disorders course was successfully held this past January 30–31 2015, in Barcelona, Spain. This is the first edition of this course, which is projected to also take place in the near future in Innsbruck, Austria and Milan, Italy. The course took place at the Hospital Clinic of Barcelona and was attended by 38 participants. Participants came from Austria, Belgium, Estonia, Greece, Ireland, Italy, Mexico, Montenegro, Netherlands, Portugal, Russia, Slovakia, Spain, USA and Venezuela. There was an international faculty slate with four speakers from Barcelona (Prof. Tolosa, Dr. Santamaria, Dr. Gaig and Dr. Iranzo), two from Milan (Dr. Ferini-Strambi and Dr. Zucconi) and two from Austria (Dr. Hogl and Dr. Brandauer). The course discussed general sleep aspects, such as “Regulation of the Normal Sleep” and “How to take a Sleep for Clinical History.” It also covered

more specific aspects of sleep disorders in Parkinson’s disease, such as “REM Sleep Behavior Disorder,” “Insomnia” and “Hypersomnia.” Other topics included: “Restless Legs Syndrome in Parkinson’s disease” and “Vocal Cord Paralysis in Multiple System Atrophy.” Some of the highlights of the course were the multiple videos of patients presenting sleep disorders (restless legs syndrome, periodic leg Movements in sleep, cataplexy attacks, vocal cord paralysis, REM sleep behavior disorder, etc). In addition patients were invited to explain their sleep disorders during the talks. There were patients with Idiopathic Restless Legs Syndrome, Idiopathic REM sleep behavior disorder, Abdominal Restless Legs, Restless Legs Syndrome with Parkinson’s disease and also with the novel “Iglon5 parasomnia.”



*Thirty-eight participants attended the course from fifteen different countries.*

## MDS Educational Course Alpha-Synuclein: The Gateway to Parkinsonism – Innsbruck, Austria, February 11–13, 2015

— *Nadia Stefanova, MD, PhD, and Gregor K. Wenning, MD, PhD, Division of Neurobiology, Department of Neurology, Medical University of Innsbruck, Austria*

The International Parkinson and Movement Disorder Society supported the organization of the educational course, “Alpha-Synuclein: The Gateway to Parkinsonism”, held in Innsbruck, Austria, February 11–13, 2015 and hosted by the Department of Neurology (Director: Werner Poewe) of the Medical University of Innsbruck. The conveners Gregor K. Wenning and Nadia Stefanova with the support of the international advisory board, including Glenda Halliday, Poul Henning Jensen, Leonidas Stefanis, Philipp Kahle and Omar El-Agnaf, provided a multifaceted program that covered aspects ranging from clinical presentation, diagnosis, disease mechanisms to experimental therapies in alpha-synucleinopathies.

The meeting attracted over 160 participants - clinicians, scientists, researchers, industry partners, members of research fund-raisers and patients advocacy - from Europe, North America, Australia and Asia. The faculty included 35 well-renowned experts in the field that provided the baseline for active panel discussions over the three meeting days. The first day's sessions highlighted the role of genetics and environment linked to alpha-synuclein, advances in PD biomarkers and non-motor aspects of Parkinson's disease. The second day addressed intracellular disruption by alpha-synuclein, extracellular alpha-synuclein, and multiple system atrophy; while the third day discussed emerging therapies. During a poster session young research-

ers presented their on-going work in the field of alpha-synucleinopathies – both clinical and experimental – and benefited from lively interactions with experts in the field. Three young researchers (Maria Xilouri, Franziska Richter and Annelies Michiels) were awarded with poster prizes for their work. Among the supporters of the Synuclein Meeting in Innsbruck were the MSA Coalition, Affris, Teva, the Special Research Program “Cell signaling in chronic CNS disorders” F44 and the PhD Program “Signal Processing in Neurons” W1206 both granted by the Austrian Science Fund (FWF).

The participants' feedback has proven that the course was very successful and timely, the program and the faculty contributed to a form of “speed dating” with alpha-synuclein and its exciting role in the pathogenesis as well as in the therapeutic targeting in PD and MSA.

Certainly, a special feature of the meeting were the surrounding Alps covered with sparkling snow under the winter sun of Innsbruck. Many of the participants had a chance to enjoy a skiing experience in the place that twice sheltered the Winter Olympic Games in 1964 and 1976 (no injuries were reported!). For those who would rather go on with the scientific discussion and a glass of beer or wine, a variety of Tyrolian pubs provided warm and welcoming atmosphere. Altogether, the Alpha-Synuclein Meeting in Innsbruck was fun and successful!

### Impressions

— *Franziska Richter, DVM, PhD, University of Leipzig; Course Participant*

Based on the program and excellent faculty of the MDS course on “Alpha-Synuclein: The Gateway to Parkinsonism – Innsbruck”, I expected presentations from international experts with latest research updates. My expectations were exceeded not only by the quality of the presentations but also by the possibility to directly discuss with renowned faculty and junior scientists in my field of research. This greatly enhanced my learning experience, allowed valuable networking and kindled exciting collaborations. Having worked at UCLA for five years, I also appreciated meeting former colleagues, collaborators and friends in Innsbruck.

The conference started with an inspiring keynote lecture on Parkinson's disease by Andrew Lees, which was followed by presentations from neurologists, clinicians and geneticists - all renowned experts in their fields. The current definition of the clinical picture and the focus on early diagnosis and non-motor

aspects set the stage for the next two days where pathomechanisms related to alpha-synuclein and novel therapeutic strategies were discussed. As complex as the protein and the disease are, the research questions, and every discovery opens up new hypotheses. At times, diving deeper into this complexity can create uncertainty if there is progress towards understanding the mechanisms necessary to develop urgently required therapies for synucleinopathies. Bringing together scientists from different fields of neuroscience working on the same essential research topic made it possible to focus the current knowledge which allowed me to structure its breadth and to define future research goals. This has increased my focus on the most important questions to be tackled next. The organizers have done an outstanding job selecting the topics, the presenters, and the structure of the program. It became once again clear that only if clinical,

## Impressions CONTINUED FROM PAGE 15

in vivo and in vitro research is done in close collaboration we will make further progress in understanding synucleinopathies. Specifically, the studies on early diagnostics and biomarkers have to go hand in hand with developing and testing of novel disease-modifying therapeutics as both depend on each other.

During the poster session there was hardly time to take a break with the constant number of colleagues which were interested in discussing my research. I very much enjoyed this experience and the in-depth discussions that are possible if one attends a course together with scientists working in the same field of research, but

with focus on different aspects. For example, I learned a lot by discussing with researchers working on Multiple System Atrophy and to exchange experience and data in different animal models.

I would like to thank the organizers and MDS for the travel support and the award of an abstract prize, which gave me the chance to present my research in a short talk at the end of the course. I congratulate the organizers on this very successful course and I expect to attend future similar conferences given the rapid increase in knowledge in this important field of research.



*Some of the lecturers: (from left: Eliezer Masliah, Paolo Calabresi, Klaus Seppi, Roger Barker, David Burn, Patrik Brundin, Glenda Halliday, Nadia Stefanova, Michael Schlossmacher, Armin Giese, Gregor K. Wenning, Thomas Gasser, Kenneth Marek, Janice Holton, Takafumi Hasegawa, Jeffrey Kordower, Horacio Kaufmann).*



*The poster prize winners: Maria Xilouri, Franziska Richter, and Veerle Baekelandt.*

## MDS-Asian and Oceanian Section Letter from the Chair

— Louis Tan, FRCP, Senior Consultant Neurologist, National Neuroscience Institute, Singapore; Chair, MDS-AOS



The highlight of the last quarter of 2014 for the MDS-AOS was the 4<sup>th</sup> Asian and Oceanian Parkinson's Disease and Movement Disorders Congress (AOPMC) that was held in beautiful Pattaya, Thailand at the Pattaya Exhibition and Convention Hall from November 28-30, 2014. It was the largest AOPMC to date with more than 800 participants from over 30 countries. We are grateful for the hard-work, dedication and support of the following organizations, committees, and individuals for making the meeting a success:

• AOPMC Scientific Program Committee and Local Organizing Committee, led by Dr. Roongroj Bhidayasiri

- Thai Parkinson's Disease and Movement Disorders Society, led by Dr. Roongroj Bhidayasiri
- Neurological Society of Thailand, led by Dr. Somchai Towanabut
- AOPMC Oversight Committee and MDS-AOS Executive Committee for their support and leadership
- AOPMC Secretariat led by Anne McGhiey and Jenny Quebbeman

In addition to the many excellent plenary and parallel sessions at the AOPMC, one novel event for the Congress was the Video Tournament that was organized by a dedicated committee, led by Dr. Priya Jagota from Thailand. In this Video Tournament, 26 junior participants from eight countries were grouped into eight mixed teams comprising members from different countries. After a preliminary speed round where teams had to vie to be the fastest fingers on the buzzer to answer questions, four teams proceeded to the finals. In the final round, teams were asked to comment on various movement disorder videos presented by discussing their likely diagnosis, investigations and management. The winner of the Video Tournament was the team named as "The Restless" that consisted of Drs. Zheyu Xu (Singapore), Ee-Wei Lim (Singapore) and Ai-Huey Tan (Malaysia).

Another highlight of the Congress was the inaugural MDS-AOS Lectureships. We were honored to have Prof. Nobutaka Hattori present the Yoshikuno Mizuno Lecture, entitled "Pathogenesis of PD: mechanistic insights from gene functions of monogenic forms of PD" and Prof. Robert Iansek present the Philip Thompson Lecture, entitled "Comprehensive care in PD: are we ready yet?". We would also like to congratulate the Junior Awards winners who were Dr. Linda Oosterveld from Singapore/Netherlands (clinical research) and Dr. Norihito Uemura from Japan (basic science research).

Moving ahead, the MDS-AOS is already planning for the 5th AOPMC that will be held in Manila, Philippines, March 11-13, 2016. The scientific committee, led by Prof. Raymond Rosales and the local organizing committee, led by Dr. Dominic Jamora, together with the MDS Secretariat have commenced work for this meeting.

In addition, a Deep Brain Stimulation Course for Movement Disorders was held March 13-14, 2015 in Seoul, Korea under the leadership of Prof. Beom Jeon, as well as the China Continuing Education Classes for Parkinson's Disease and Movement Disorders in Hangzhou, China on April 11-12, 2015, under the leadership of Baorong Zhang. We look forward to the 2nd Middle East Camp for Parkinson's Disease, Movement Disorders and Neuromodulation that will take place in Dubai, UAE, on November 19-21, 2015, under the leadership of Dr. Jawad A. Bajwa,

We thank all members for your support of MDS-AOS and look forward to more exciting developments in the region for 2015.

With Best Regards,

Louis Tan, FRCP  
Chair, MDS-AOS

## 4th Asian and Oceanian Parkinson's Disease and Movement Disorders Congress – Pattaya, Thailand, November 28–30, 2014

— Roongroj Bhidayasiri, MD, FRCP, Associate Professor of Neurology, Chulalongkorn University Hospital, Bangkok, Thailand

The 4th Asian and Oceanian Parkinson's Disease and Movement Disorders Congress (4th AOPMC) was held in beautiful Pattaya, Thailand at the Pattaya Exhibition and Convention Hall (PEACH) from November 28–30, 2014. With guidance from the MDS-AOS Executive Committee, the AOPMC Oversight Committee, and the AOPMC Scientific Program Committee, the Local Program Committee designed a scintillating program that attracted more than 800 registrants from more than 30 countries in the region. Outstanding assets for the Congress included the world-class faculty, drawn from their international posts as well as from within the region.

The topics of the four Opening Symposia provided a glimpse of the range of topics that were to be covered at this Congress: "Balancing efficacy and adverse events of dopamine agonists in Parkinson's disease management"; "Complementing clinical examinations in targeting muscles for botulinum toxin injections"; "Practical tips for managing complications in advanced Parkinson's disease"; and "A holistic view of Parkinson's disease."

The opening ceremony that followed set the tone for the Congress by reviewing the history of the AOPMC, with a welcome from the Deputy Mayor of Pattaya and by words of support and reminders of our shared mission from the Presidents of the Neurological Society of Thailand (Dr. Somchai Towanabut), the Thai Parkinson's Disease and Movement Disorders Society (Dr. Roongroj Bhidayasiri), Chair of the MDS-AOS (Dr. Louis Tan) and the President-Elect of MDS (Dr. Oscar Gershanik). Thai dancers, accompanied by traditional instruments, provided the transition to the Welcome Reception.

There were 62 presentations by the faculty in Symposia, Parallel Sessions and Plenary Sessions on related topics. In line with the purpose of the 4th AOPMC, the Scientific Program focused on specific challenges faced by physicians practicing in the region when dealing with Parkinson's disease and movement disorders and updating the participants on the most current "best practices". Several presentations were specifically focused on the special challenges faced in

Asian and Oceanian region as the medical community responds to the needs of their patients with Parkinson's disease and other movement disorders.

Following are some of the regionally focused presentations in Plenary Sessions:

- "Pharmacological, surgical, and infusional therapies in Parkinson's disease: A closer look at the Asian-Oceanian data" by Shen-Yang Lim (Malaysia);
- "Asian complementary practices in the management of Parkinson's disease: Applications and evidence" by Beom Jean (South Korea)
- "The use of neurorestorative technologies in Parkinson's disease: Asian-Oceanian experiences" by Ryosuke Takahashi (Japan)
- "Common movement disorders in the Asian-Oceanian region" by Roongroj Bhidayasiri (Thailand)

The Plenary Sessions also included "Perspectives on Parkinson's disease: Past accomplishments and future possibilities;" in addition to the sessions noted above.

The Parallel Sessions covered a broad range of topics, including "Effective management of Parkinson's disease symptoms (motor and non-motor)"; Physiological studies in movement disorders"; Diagnostic clues from neuroimaging"; "Defrosting Parkinson's disease"; "Recognition and management of movement disorders conditions in general medical disease; and "Chorea in clinical practice".

Symposia also covered the following topics: "Optimizing Parkinson's disease Pharmacotherapy"; and "Maximizing the efficacy of botulinum toxin to restore facial symmetry in blepharospasm and hemifacial spasm."

There were 250 posters exhibited, which demonstrated the broad range of issues being investigated by clinicians in the region. Topics included: Nurses and allied health interventions; Ataxia; Surgical Therapy for Parkinson's disease; Huntington's disease: Sleep disorders in Parkinson's disease: Quality of Life and Caregiver's Burden in Parkinson's disease; Neuropharmacology in Parkinson's disease; Cognition in Parkinson's disease; Behavioral disorders; Secondary Parkinsonisms and Parkinsonism-plus; Surgical Therapy for Parkinson's disease; Tremor and several other areas of research.

The breadth and quality of research described in the posters indicated a lively interest in advancing the agenda of improving our understanding of Parkinson's disease and movement disorders and treatment practices in the region. Tours of the posters were conducted regularly and awards were given to the authors of the most outstanding research described in the posters.



## Deep Brain Stimulation for Movement Disorders – Seoul, Korea, March 13–14, 2015

— Prof. Beom Jeon, MD, PhD, Department of Neurology, Seoul National University Hospital, Seoul, Korea

The Deep Brain Stimulation for Movement Disorders course was successfully held March 13–14, 2015 in Seoul. This course was the first MDS-AOS organized Deep Brain Stimulation for Movement Disorders course in Korea. It instructed general neurologists and neurosurgeons on how to identify the cause of clinical problems in DBS-treated patients which result from either the underlying disease, inappropriate adjustment of medication and stimulation, or stimulation itself.

The two-day course consisted of presentations on the first day, followed by a live surgery demonstration on the second day, finishing with additional presentations. The presentations discussed not only Deep Brain Stimulation, but also the selection criteria for surgery, which is necessary to consult appropriate candidates and to refer these patients to surgical centers.

Forty-three participants attended the event, with the majority of participants coming from Korea and Hong Kong. Prof. Beom S. Jeon and Prof. Sun-Ha Paek served as the Course Directors. International faculty members included: Terry Coyne (Australia), Han Joon Kim (Korea), Kyung-Min Lee (Korea), and Peter Silburn (Australia).

The evaluation results following the course were very positive, with 58% of the participants stating that participation in this activity



enhanced their professional effectiveness and 58% stating that the science and medical knowledge advanced by this activity will ultimately enhance care of patients with Movement Disorders.

The course organizers would like to sincerely thank the faculty and support staff for their tremendous effort in making the first MDS-AOS DBS Education Course a success.

### Pattaya, Thailand CONTINUED FROM PAGE 18

In addition to an outstanding Scientific Program, with presentations by some of the leading experts in their respective fields of specialization, and posters describing the creative research taking place in the region, the 4th AOPMC was distinguished by:

- An Opening Ceremony which featured Thai dancers with the “world premier” of their performance and the accompanying music;
- A Video Tournament which tested the diagnostic acumen of the teams and the audience with participants from eight countries within the MDS-AOS region;
- The presentation of the Philip Thompson and the Yoshikuni Mizuno Lectureship Awards and the Junior Award Lectureships and the delivery of the prize-winning speeches.

- The active participation during the Question & Answer sessions by the registrants, indicating their high level of interest and commitment to the topics being considered.

The International Parkinson and Movement Disorder Society Asian and Oceanian Section (the Main Organizer) and the Thai Parkinson’s Disease and Movement Disorder Society (the Host Organizer) would like to once again thank the outstanding faculty, the delegates, the exhibitors, and the many staff of MDS and local agencies who worked so diligently to plan and to implement a very successful 4th AOPMC.

## MDS-Pan American Section Letter from the Chair

— Jorge L. Juncos, MD, Associate Professor of Neurology, Emory University, Atlanta, Georgia, USA; Chair, MDS-PAS



More than an update, this is my 'hasta pronto' letter as Chair of the Pan American Section of the International Parkinson and Movement Disorder Society. I look forward to serving the Society again in the future as it has been a privilege to have served as the "birth assistant" to this, the newest section of MDS. I am grateful to the members of the Executive

Committees and the Election Committee for their selfless work at helping the MDS-PAS grow and help raise the educational bar for its members through the excellent and expanded educational opportunities we have supported in the last five years. For these education programs we are particularly grateful to the MDS-PAS Education Committee and to its Chair, Dr. Irene Litvan who have done a yeoman's job encouraging, evaluating and helping to improve the courses offered by the MDS-PAS. On behalf of the MDS-PAS, I would also like to recognize the Society's secretariat staff and officers for their unyielding support. Without them this work would not have been possible. Our special gratitude goes to Ms. Nilda Toro, and to the direction provided by the Executive Director Ms. Anne McGhiey.

The MDS Officers are impressed with the progress this youngest section has made to catch up with the more established sections. We are the largest section with a very significant growth since its inception five years ago, with much of its growth coming from outside of the United States and Canada. Special kudos to Dr. Tony Lang, whose vision put the spark in the MDS-PAS; and to Drs. Deuschl, Stern and Gershanik, whose guidance and support as Chairs and Chairs-Elect of MDS have helped steer this very large ship through the occasional turbulence. Finally, we are pleased that the leadership of the MDS-PAS will remain in good hands. At the next International Congress in San Diego, Prof. Francisco Cardoso, a long-time member of the International Executive Committee, will be in position to continue to guide the MDS-PAS as the new Chair.

As our mission is education in Movement Disorders, I am particularly grateful to the outstanding directors and the faculty of the many courses the MDS-PAS has had the privilege of supporting through its various vehicles (see below for a recent sample). These courses are the engine that helps drive the MDS-PAS and helped the development of cohesiveness among its members. The courses also fuel the growth of new members, particularly the younger members of the Society. Finally, the MDS-PAS has also helped its leaders and members leverage their expertise and leadership globally.

Looking to the future, the MDS-PAS will continue to implement strategies to promote innovative educational activities like the School for Young Neurologists. The foundation for all educational courses is the talent, ideas, initiatives and needs in each region, buttressed by MDS-PAS global outreach. The first MDS-PAS School for Young Neurologist in the United States was held in Atlanta, Georgia. This, like the others that came before it in Brazil, Chile and Argentina, was a highly successful program that we hope to continue to improve with the next one later this year in Mexico. Other novel courses implemented in the last year include the "Fostering New Directions in Parkinson's Disease Research" in Buenos Aires, Argentina and the San Diego course for Allied Health Professionals. This one brought together non-neurologists and neurologists with a shared passion for improving the life and daily functioning of movement disorders patients. The course was led by Prof. Litvan. Its success was such that a similar formula is being implemented in Brazil later this year.

Other novel programs to be implemented this year are listed below. Of particular interest are the recently held "Evidence Based Medicine Update on Treatments for Parkinson's Disease", and the first MDS-PAS "Fostering New Directions in Parkinson's Research: A movement disorders course for graduate students, post docs and junior neurologists" in White Plains, NY. The goal of this last course is to foster more basic science research in our field.

2015 Programs	Program Location	Dates	# Attendees
MDS-PAS School for Young Neurologists	Atlanta, GA, USA	February 20-22	45
Evidence Based Medicine Update on Treatments for Parkinson's Disease	Salvador da Bahía, Brazil	March 13	51
Fostering New Directions in Parkinson's Research	White Plains, NY, USA	May 4-9	28 max
Multidisciplinary Allied Health Professionals Team Training	São Paulo, Brazil	September 10-12	200 anticipated
MDS-PAS School for Young Neurologists	Mexico City, Mexico	November 26-28	48 anticipated
Clinical Research in Movement Disorders Workshop	Central America	To be announced	

## Letter from the MDS-PAS Chair CONTINUED FROM PAGE 20

Among the various financial vehicles the MDS-PAS offers, we are particularly proud of our Visiting Trainee Grant Program which provides opportunities to young members of the Society to receive advanced training in Movement Disorders.

In 2015, MDS-PAS will grant up to \$40,000 to the Visiting Trainee Grant Program so that young neurologists can receive advanced training in movement disorders at a host institution other than their own. The training period can be from six weeks to a year. Since 2014, this program has awarded five grants and has received glowing review from its participants and sponsors. We hope the experience will continue to advance our field in the MDS-PAS region and continue to strengthen the bonds among our members and experts alike. The MDS-PAS Visiting Trainee Grant application site is open and any applications received before July 31, 2015 will be reviewed in August, 2015. We encourage interested applicants and host institutions to visit the MDS-PAS webpage for details: [www.movementdisorders.org/MDS/Regional-Sections/Pan-American-Section/PAS-Fellowships.htm](http://www.movementdisorders.org/MDS/Regional-Sections/Pan-American-Section/PAS-Fellowships.htm)

Among the regional courses implemented by MDS-PAS experts in the region, and which MDS-PAS helped support in a small way, I would like to highlight the "MDS-Latin American Update on Movement Disorders and Neurodegeneration: From the Bench to the Bedside" that took place in Buenos Aires in March 2015. This highly successful course was directed by Drs. Emilia Gatto and colleagues, and was attended by 95 participants from Argentina, Colombia and Paraguay. In addition to a superb local faculty, including our incoming Society President, Prof. Oscar Gershanik, it included the international faculty of Drs. Etienne Hirsch, Jorge Juncos and Alberto Espay. The activity achieved its stated goal of linking the knowledge and interest of clinical movement disorders specialists and basic-researchers in the hopes of fostering more translational research.

One of the other goals of the Society has been to transcend our specialty by bringing education in our field to other specialties. This is particularly important in MDS-PAS regions where specialists are not readily accessible. Spearheading this effort in PAS has been Dr. Jose Ricardo Lopez-Contreras in El Salvador, who in July 2014 organized the highly successful Congress of the "Asociación

de Ciencias Neurológicas de El Salvador (ACNES)". This was funded in part through the MDS Developing World Education Program. For three years, the Congress' goal has been to promote education in common movement disorders to non-specialists and to advance the education of their specialists' continuing education to their specialty while providing information and support to patients, families and caregivers. This is accomplished through parallel sessions that skillfully exploit economies of scales and expertise. We are very proud of the continuing success of this activity which last year attracted 523 participants and provided 38 parallel lectures over 3 days. MDS-PAS participants included Drs. Gershanik, Juncos, Espay, Revilla and Chana.

Finally, I would like to highlight our successful collaboration with the American Academy of Neurology (AAN) in planning and promoting vertically integrated seminars in basic topics relevant to movement disorders. These innovative courses dovetail plenary lectures and 'data blitz' sessions with platform presentation and posters offered as half day seminars during the AAN annual meeting. Last month's the theme was 'Dopamine Medicated Neural Plasticity in Motor and Non-Motor circuits'. As was the case for two similar sessions in years past, they have been well attended and have exemplified the high quality education products that can emerge from such collaborations. Going forward we hope to continue such collaborations with the AAN and with other national neurological societies in the MDS-PAS region.

Please visit the MDS-PAS web page for additional information and photos from these and other courses.

<http://www.movementdisorders.org/MDS/Regional-Sections/Pan-America-Section.htm>

Sincerely,



Jorge Juncos, MD  
Chair, MDS-PAS

## MDS-PAS School for Young Neurologists – Atlanta, GA, USA, February 20–22, 2015

This was the first MDS-PAS School for Young Neurologists held in the United States. The School for Young Neurologists (SYN) is an interactive teaching course with education that ranges from basic to practical, hands-on, patient-based demonstrations. Plenary lectures were complemented by smaller interactive parallel sessions, video case presentations and an introduction to the latest treatment modalities. The course was attended by 44 participants from five countries: Argentina, Brazil, Canada, Mexico and the United States. The course directors were David G. Standaert, MD, PhD, Stewart A. Factor, DO and Kapil D. Sethi, MD, FRCP.

Prior to the course, participants submitted case presentations for the video award dinner session. Ten were selected to compete for the award as judged by five faculty members. This was perhaps the highlight of the activity as far as the audience was concerned. The winner was awarded a complimentary registration to the International Congress in San Diego, CA, USA in June 14-18, 2015.

Like the previous SYN courses, this was well received and highly recommended as an educational activity worth pursuing. The unique interaction opportunities between faculty and participants was one of the most attractive features of this course.

Many thanks to the course directors and course faculty for their time and commitment to completing a very successful school. We look forward to many more.

### Faculty:

Stanley Fahn, MD – Columbia University  
 Mahlon DeLong, MD – Neurology Emory University  
 Marian Evatt, MD – Neurology Emory University  
 Alan Freeman, MD – Neurology Emory University  
 David Geldmacher, MD, F.A.C.P. - Neurology University of Alabama at Birmingham  
 Robert Gross, MD, PhD – Neurosurgery Emory University  
 Hyder Jinnah, MD, PhD – Neurology Emory University  
 Randi Jones, PhD – Neurology (clinical Psychology) Emory University  
 Jorge L. Juncos, MD – Neurology Emory University  
 William McDonald, MD – Psychiatry Emory University  
 John Morgan, MD, PhD – Neurology Georgia Regents University  
 Howard Schub, MD – Ascend Pediatric Neurology  
 Natividad Stover, MD – Neurology University of Alabama at Birmingham  
 Lynn Marie Trotti, MD, MSc – Neurology (Sleep Medicine) Emory University  
 Camille Vaughan, MD, MS – Geriatric Medicine Emory University  
 Harrison Walker, MD – Neurology University of Alabama at Birmingham  
 Thomas Wichmann, MD – Neurology Emory University  
 George Wilmot, MD, PhD – Neurology Emory University  
 Talene Yacoubian, MD, PhD – Neurology University of Alabama at Birmingham



Breakout session lead by Dr. Factor and Dr. Sethi at Emory University



Group photo after video dinner challenge



Group photo in lecture hall



Dr. Jinnah posing questions to the group and asking them to think critically

## Evidence Based Medicine Update on Treatments for Parkinson's Disease – Salvador da Bahia, Brazil, March 13, 2015

The MDS-PAS Evidence Based Medicine (EBM) Update on Treatments for Parkinson's Disease course outlined the concept of EBM and presented the findings from recent reviews. This was followed by case scenarios thereby putting the theory into practice. The course was intended for movement disorder neurologists, general neurologists, geriatricians, neurosurgeons, allied health professionals and neurologists-in-training. There were 51 participants from Argentina, Brazil, Chile, Peru and the United States. Thank you to the course directors and course faculty for their time and commitment to this educational activity.

### Course Directors:

Local Director: Francisco Cardoso, MD, PhD, FAAN  
 EBM Chair, Co-Director: Susan Fox, MRCP (UK), PhD

### Faculty:

Cristina Sampaio, MD, PhD  
 Christopher G. Goetz, MD  
 Oscar S. Gershanik, MD  
 Helio A. G. Teive, MD, PhD



## Evidence Based Medicine Update on Treatments for Parkinson's Disease

## 2015 MDS Education Calendar



**Basic Scientists Summer School**  
 August 6-8, 2015  
 Tokyo, Japan



**MDS-ES Summer School for Young Neurologists**  
 September 4-6, 2015  
 Prague, Czech Republic



**Deep Brain Stimulation for Movement Disorders**  
 September 10-11, 2015  
 Grenoble, France



**Allied Health Team Training for Parkinson's Disease**  
 September 10-12, 2015  
 São Paulo, Brazil



**Bridges and Boundaries in Movement Disorders: The Role of Neuroimaging**  
 November 12-13, 2015  
 Pisa, Italy



**2nd Middle East Camp for Parkinson's, Movement Disorders and Neuromodulation**  
 November 19-21, 2015  
 Dubai, UAE



**MDS-PAS School for Young Neurologists**  
 November 26-28, 2015  
 Mexico City, Mexico

Dates and Locations are subject to change. For a complete up-to-date list of courses, visit [www.movementdisorders.org/MDS/education.htm](http://www.movementdisorders.org/MDS/education.htm)

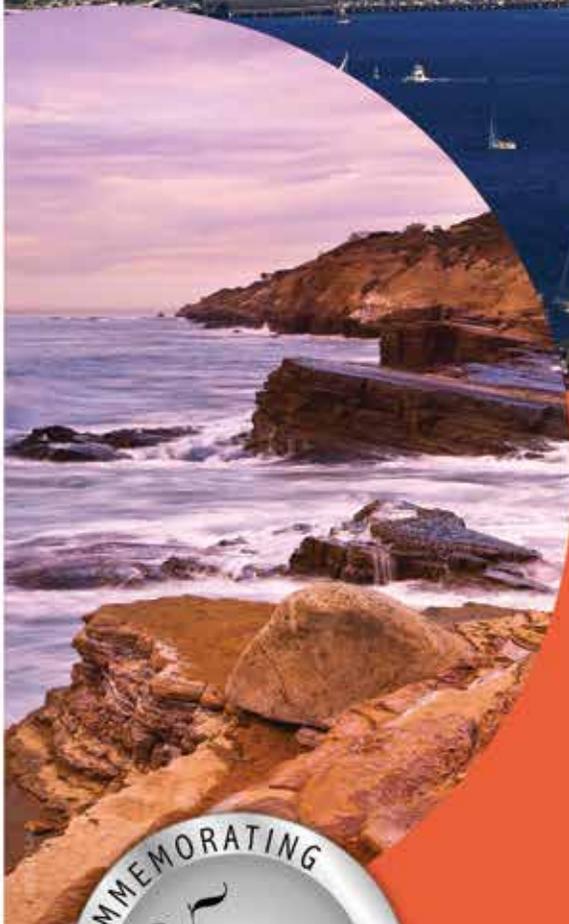
• CHICAGO • PARIS • BUENOS AIRES • TORONTO • DUBLIN • SYDNEY • STOCKHOLM • SAN DIEGO •



International Parkinson and  
Movement Disorder Society

# COME JOIN US

WWW.MDSCONGRESS2015.ORG



19TH INTERNATIONAL CONGRESS OF PARKINSON'S  
DISEASE AND MOVEMENT DISORDERS

JUNE 14-18

2015

SAN DIEGO, CA, USA



SCAN TO LEARN MORE ON OUR WEBSITE!



WASHINGTON DC • MUNICH • ORLANDO • VIENNA • NEW YORK • BARCELONA • MIAMI • ROME • NEW ORLEANS • KYOTO • ISTANBUL

WASHINGTON DC • MUNICH • ORLANDO • VIENNA • NEW YORK • BARCELONA • MIAMI • ROME • NEW ORLEANS • KYOTO • ISTANBUL

• CHICAGO • PARIS • BUENOS AIRES • TORONTO • DUBLIN • SYDNEY • STOCKHOLM • SAN DIEGO •