

International Parkinson and
Movement Disorder Society

Moving Along

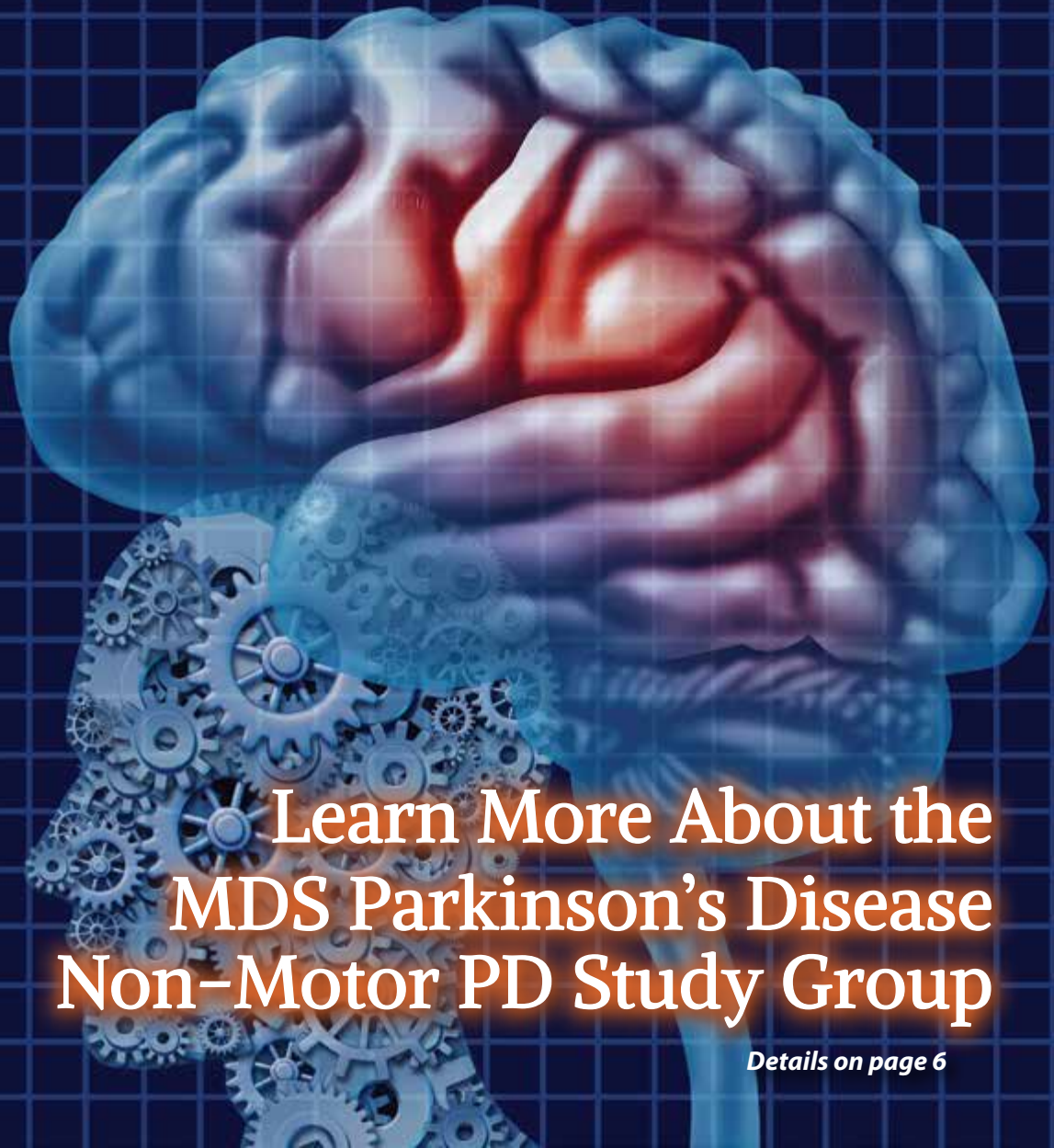
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Eldad Melamed, MD

Highlights from the 19th
International Congress in
San Diego

New Online Education:
MDS Custom Learning
Management System
Coming in 2016!

Join MDS for the 5th
AOPMC in Manila,
Philippines



Learn More About the MDS Parkinson's Disease Non-Motor PD Study Group

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JUNE 19-23, 2016
BERLIN, GERMANY



20th International
Congress of Parkinson's
Disease and Movement
Disorders

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International Parkinson and
Movement Disorder Society
Asian & Oceanian Section



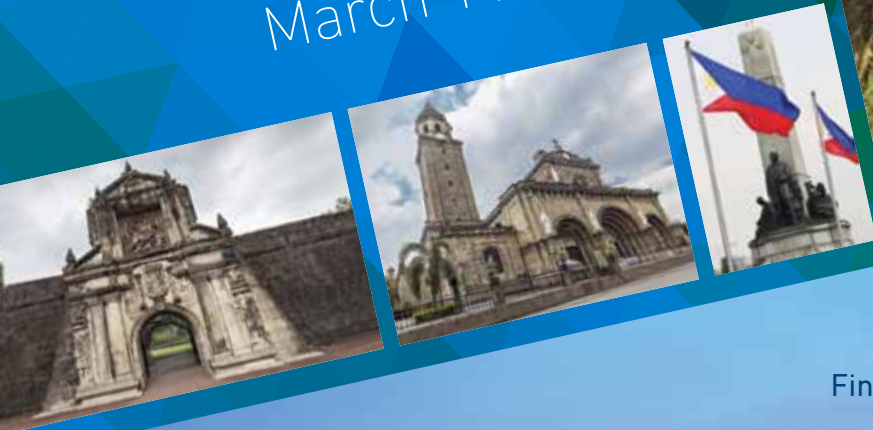
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MOVEMENT DISORDER SOCIETY
OF THE PHILIPPINES, INC.

Come Join Us!

5th Asian and Oceanian Parkinson's Disease and Movement Disorders Congress

March 11–13, 2016 • MANILA, PHILIPPINES



Important Dates:

Early Registration Deadline: **January 18, 2016**

Final Pre-registration Deadline: **February 10, 2016**



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International Parkinson and
Movement Disorder Society

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Moving Along

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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

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



2015 revealed many changes for MDS, including the election and transition of the new 2015-2017 MDS Officers and International Executive Committee, as well as Regional Section leadership. In his first *Moving Along* letter as MDS President, Oscar Gershanik provides an overview of the strategic planning process for the Society. Leaders of the Society met in Spain in October to outline the 2017-2020 MDS Strategic Plan, and the full plan will be reviewed and approved at the MDS Officers meeting in Guatemala in February 2016. More details regarding the final plan will be highlighted in a future issue of *Moving Along*.



MDS Executive Director, Jennie Socha and former Executive Director, Anne McGhiey at the 2015 MDS Strategy and Planning Meeting in October 2015

Furthermore, it was at this meeting in Spain where the MDS leadership was introduced to the new MDS Executive Director, Jennie Socha. Jennie comes to MDS with over ten years of International association experience and was most recently the Executive Director for the World Allergy Organization. Former MDS Executive Director, Anne McGhiey, was also present at the strategic planning meeting and has been working with Jennie for several months to transition this important role. Anne served as Executive Director at the International Secretariat for over eight years and is now retiring to spend time with her family (and new grandson) in both Wisconsin and Sweden. Anne's contributions and service to MDS are immeasurable, and we express our gratitude for her tremendous role in the success of the Society.

Sadly, 2015 also included the loss of MDS Honorary Member, Eldad Melamed. Joseph Jankovic has graciously submitted a tribute to his dear friend and colleague, and we hope you will read this special dedication to a man who played a significant role in the field of Movement Disorders.

In this latest edition of *Moving Along*, we continue our series highlighting the activities and mission of the MDS

Study Groups, featuring an article by Prof. K. Ray Chaudhuri, Chair of the MDS Parkinson's Disease Non-Motor Study Group. In addition, you will read highlights from the 19th International Congress in San Diego this past June, as well as updates from the Website Editors, the Health Professional (Non-Physician) Special Interest Group and the newly elected MDS Regional Section Chairs.

The Society looks forward to exciting changes in the year ahead, including an introduction to the new MDS Learning Management System for online educational activities, set to launch in 2016. MDS will also host the 5th AOPMC in Manila, Philippines, March 11-13, 2016, as well as the 20th International Congress in Berlin, June 19-23, 2016. We encourage you to participate in these important activities for the Society.

We hope you enjoy this issue and we look forward to another successful year ahead for MDS and *Moving Along*!



Carlo Colosimo, MD



Mark Stacy, MD



It is a great honor for me to assume the position of President of the International Parkinson and Movement Disorder Society (MDS). I would like to express my gratitude to our Past-President, Matthew Stern, for his outstanding leadership over the past two years, and I look forward to working with the Officers and International Executive Committee (IEC) to ensure the continued success of our Society.

I would also like to thank our outgoing Officers and members of the IEC, who worked tirelessly for our Society. Their leadership also contributed greatly to the past success of MDS.

19th Congress in San Diego, CA, USA

The 19th International Congress of Parkinson's Disease and Movement Disorders in San Diego, CA, USA, June 14-18, 2015, was a tremendous success attended by over 3,700 enthusiastic delegates celebrating the 25th Anniversary of the International Congress. I would like to thank and congratulate the Congress Scientific Program Committee, Local Organizing Committee and International Congress Oversight Committee. A full report on International Congress activities is available on page 9.

With feedback from this year's International Congress participants, the Society has started planning for the 20th International Congress in Berlin, Germany. Thank you to all the members and attendees who submitted session ideas and filled out evaluation forms. Christine Klein and the Congress Scientific Program Committee have worked diligently to produce a fantastic Scientific Program for the next International Congress!

MDS Strategic Planning

Every three years, the Society embarks on a strategic planning process to identify priorities for the Society in the coming years. The next such planning process began in October 2015, and will confirm the 2017-2020 iteration of the MDS Strategic Plan. Representatives from the IEC and Past-Presidents met to discuss the future goals and objectives of MDS. New challenges are ahead to foster the creation of scientific and clinical collaborations within the Society which will be followed in the next year.

I look forward to working with my fellow Officers and International Executive Committee (IEC) members, and will do my utmost to be responsive to the membership, which now includes over 5,500 members from 118 countries. With more members engaged in advancing the neurological sciences pertaining to movement disorders, I look forward to bringing you updates on the progress of the Society's growing programming.

I look forward to working with all of you to ensure the continued success of our Society.

A handwritten signature in black ink that reads "Ogerhanik". The signature is fluid and cursive.

Oscar S. Gershanik, MD
MDS President, 2015-2017

International Parkinson and Movement Disorder Society (MDS) Endorsed Parkinson's Disease Non-Motor Study Group

— K. Ray Chaudhuri, MD, FRCP, DSc, Chair, MDS Parkinson's Disease Non-Motor Study Group

Non-motor symptoms (NMS) of Parkinson's disease (PD) affect virtually every patient, and are the major cause for poor quality of life for both people with Parkinson's (PwP) and their caregivers. In spite, NMS are under-reported as often healthcare workers nor patients recognize them as symptoms of PD and treatment remains poor and quality of life progressively deteriorates. As a consequence, the burden of NMS represents one of the biggest challenges faced by health care professionals working with the PD community. This is also partly because focused research to understand the cause and progression of common NMS is scarce. Funding for non-motor issues as a whole in PD seldom receive priority compared to for instance, investigations of genetic causes of PD and the search for a cure.

While several strands of research has focused on individual NMS, such as cognition and depression and others on pre-motor aspects of PD, there is little research that has made the issue of NMS burden as a priority although this is what is reflected in what patients tell us and is the key issue in "real life". The MDS endorsed Parkinson's Disease Non-Motor Study Group (PD-NMSG) was formed in 2013 and aims to focus its research on NMS as a whole rather than a "piecemeal" approach and address some key unmet needs. The group, led by K. Ray Chaudhuri, has a significant track record in the field having developed MDS adopted tools such as the NMS Questionnaire, the Parkinson's Disease Sleep Scale, the NMS Scale, and key publications related to the impact of NMS burden on quality of life in PD as well as pathophysiology of poorly understood NMS such as fatigue, sleepiness and pain.

The group has now met twice: in Stockholm and at the recent San Diego MDS International Congress. Several teleconferences have taken place between the steering group members Anette Schrag, Dan Weintraub, Pablo Martinez-Martin, Angelo Antonini and Per Odin. The group has an overall membership of 20 members with a global representation and also representation from nursing/ allied health specialists and junior trainees in Movement Disorders (Anna Sauerbier, Milica Krannenberg, Haider Salimi Dafsari and Lisa Kllinghoefer, Roberto Erro). A membership form is used to elect interested members from MDS; however, at present membership of the group is full.

A web page for the group can be found on the MDS website, and in future the group would like to work to develop a full website linked from the PD-NMSG web page. A regular report of the group's activity is currently submitted for the review by the MDS officers and the International Executive Committee.

The key objectives and outputs of the group are underpinned by several work packages and the most significant is a six stage development of global validation of a new MDS-NMS scale based on the original NMSS, which was validated in 2007 and as such needed updating and signifi-



Members of the MDS PD-NMSG at the 19th International Congress in San Diego in June, 2015

cant revision. The pilot stages (1+2) of the MDS-NMSS has already been completed and having been funded by a grant from MDS after external peer review. Further funding for the stages 3-6 are being sought through MDS, as well as independent application to charitable funders and the industry. We hope members of MDS will assist in the global validation of the MDS-NMSS in the near future.

Another key work package is one related to pain in PD with Santiago Perez-Lloret, Michele Tinazzi, Alexandra Rizos and Pablo Martinez-Martin. Initial work has led to the publication of a novel pain scale (The Kings PD pain scale), the pilot study being funded by Parkinson's UK and pilot validation and field testing completed and published in *Movement Disorders* in 2015. A global study of use of KPP is planned, as is linguistic validation. A key trial addressing the first ever randomised placebo controlled trial in PD associated severe pain using oxycodone prolonged release with naloxone versus placebo has been completed and utilised the KPP as an outcome measure.

Other key work packages include deep brain stimulation in PD and NMS led by Lars Timmerman, and results of an open label European multicenter study has been reported and due to be published in *Brain Stimulation*. A related work package addressing infusional therapies and NMS led by Per Odin and Pablo Martinez-Martin has published the first ever comparative NMS data between apomorphine and levodopa infusion therapy (the Euroinf Study) in *Movement Disorders* in 2015 using the PD-NMSG network. Additionally, special research packages of the group is focusing on refining the concept of non-motor subtyping in PD and discovery of relevant markers and biomarkers and apply these to enriching populations selected for clinical trials for instance.



The PD-NMSG is also keen to ensure that there is true translational work to link advances in basic sciences to a tangible clinical benefit. As such work packages are also, where possible linked to animal model based studies, another key unmet need in the scientific unravelling of the mysteries of PD.

The MDS PD-NMSG would of course like to specially thank the support of Past-Presidents, Günther Deuschl and Matt Stern, current President, Oscar Gershanik, as well as valuable support from Liz Clausen at the MDS International Secretariat.

To spread the message of the importance of various aspects of NMS in PD the PD-NMSG has also organised international NMS based meetings mostly in Europe, the most recent being held in London in January 2015. This MDS supported meeting took place at the historic Great Hall and the Safra lecture theatre of King's College London UK, on the 23rd and 24th of January 2015.

The aim of the meeting was to focus on various aspects of non-motor Parkinson's, which remains a key unmet need in relation to diagnosis, recognition as well as treatment. This meeting, led by K. Ray Chaudhuri, King's College London, and supported by MDS and the MDS European Section (Olivier Rascol, France, and Angelo Antonini, Italy), hosted some of the leading opinion leaders in the field of non-motor research in Parkinson's disease from Europe with 21 lectures spread over a course of two days.

Steve Ford, Chief Executive of the foremost Parkinson's patient organization in the UK, opened the meeting along with Mark Richardson, the Vice Dean of Neuroscience, Kings College. The closing comments were provided by K. Ray Chaudhuri who also thanked all pharmaceutical support towards this meeting. The program consisted of a two-day event including 6 different sessions covering: (1) "Pre-motor Non-motor symptoms" chaired by Niall Quinn, UK; (2) "Non-motor subtyping" chaired by Davide Martino, UK; (3) "Biomarkers" chaired by K. Ray Chaudhuri (4) "Drug or Parkinson related non-motor symptoms" chaired by Michael Samuel, UK, and Niall Quinn. (5) "System based non-motor symptoms" chaired by Per Odin, Sweden and Fabrizio Stocchi, Italy (6) "Treatment" chaired by Angelo Antonini. Speakers included all of the above as well as Peter Jenner, UK; Alexander Storch, Germany; Claudia Trenkwalder, Germany; Anette Schrag, UK; Olivier Rascol, France; Fabrizio

Stocchi, Italy; David Brooks, UK; Antony Schapira, UK; and Paolo Barone, Italy. Over 250 participants, mostly from Europe but also from Asia attended the mini-congress. A similar meeting addressing tools for assessing non-motor symptoms of Parkinson's disease will be held in Madrid in March 2016.

MDS Endorsed PD-NMSG

Chair: K. Ray Chaudhuri

Steering Group: Daniel Weintraub, Anette Schrag, Pablo Martinez-Martin, Per Odin, Angelo Antonini

Co-coordinators: Alexandra Rizos, Anna Sauerbier

Members: Paolo Barone, David Brooks, Richard Brown, Peter Jenner, Beom Jeon, Kelly Lyons, Nicola Pavese, Anthony Schapira, Fabrizio Stocchi, Lars Timmermann, Yashio Tsuboi, Michele Tinazzi, Michele T.M. Hu, Davide Martino, Cristian Falup-Pecurariu, Alexander Storch, Marios Politis

Trainee/ Junior representation: Anna Sauerbier, Milica Krannenberg, Haider Salimi Dafsari, Roberto Erro, Lisa Killinghoefer

Nursing Representation/Advisors: Anne Martin, Miriam Parry

In Memoriam: Eldad Melamed, MD (1942–2015)

— Joseph Jankovic, MD, Baylor College of Medicine, Houston, TX, USA



The field of Movement Disorders lost a great clinician-scientist, educator, and a friend when Prof. Eldad Melamed, MD died of metastatic lung cancer on October 1, 2015. He is survived by his loving wife, Dalia, three daughters and nine grandchildren.

Eldad graduated with an MD degree from the Hebrew University and Hadassah Medical School, Jerusalem, Israel in 1968. He then served as a Military Medical Officer in Golani for three years.

From 1971 to 1976, he was a resident at the Department of Neurology, Hadassah University Hospital, Jerusalem. After completing a postdoctoral fellowship in Cerebral Blood Flow at the National Hospital, Queen Square, London, UK, and Bispebjerg Hospital, Copenhagen, Denmark, he became a postdoctoral fellow in Neurochemistry and Neuropharmacology at the Massachusetts Institute of Technology in Cambridge, MA, USA.

His interest in Parkinson's disease was inspired by David Marsden's early papers on substantia nigra. Eldad then developed collaboration with Franz Hefti and studied decarboxylation of dopa to dopamine. This culminated in the now classic 1981 paper providing evidence that striatal interneurons and efferent neurons were important source of aromatic L-amino acid decarboxylase when dopaminergic terminals are lost (Melamed E, Hefti F, Pettibone DJ, Lieberman J, Wurtman RJ. Aromatic L-amino acid decarboxylase in rat corpus striatum: implications for action of L-dopa in parkinsonism. *Neurology* 1981;31:651-5).

In 1983, Eldad was named the Sebulsky-Royce Professor of Neurology at Hadassah Hospital and Hebrew University, Jerusalem. He served admirably as the Chairman of the Department of Neurology, Rabin Medical Center-Beilinson Campus, Petah Tiqva, Israel (1987-2008). He was professor of Neurology at the Sackler School of Medicine, Tel Aviv University, where he founded the Laboratory of Neuroscience, Felsenstein Research Institute, and held the Norma and Alan Aufzien Chair for Research in Parkinson's disease at Tel Aviv University, Sackler School of Medicine until 2012. From 1987 to 1993, he served as President of the Israel Neurological Association and in 2003 he became Chairman of the Advisory Board of the Israel Parkinson Disease Association. In 2007, he was made an Honor-



Eldad (right) with Joe and Cathy Jankovic in Toledo, Spain

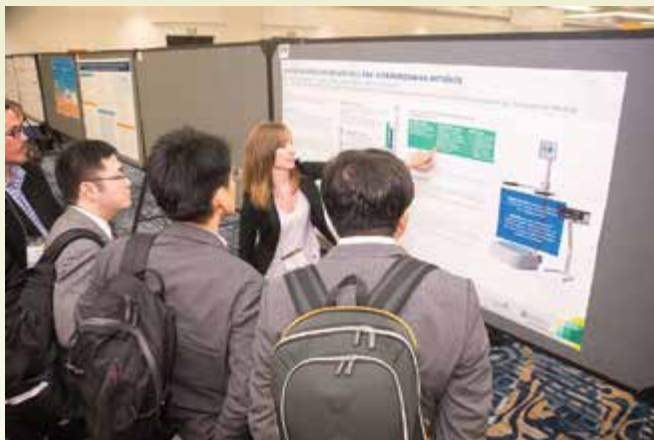
ary Member of The Movement Disorder Society, now the International Parkinson and Movement Disorder Society (MDS). While he is recognized for many scientific contributions and academic accomplishments, if asked what aspect of his professional life he is most proud of, he would probably highlight his mentorship of countless young clinicians and emerging scientists.

Eldad was loved by everyone. Those of us who knew him well especially admired his optimistic outlook on life, his infectious enthusiasm for scientific research and discoveries, and, above all, his extraordinary sense of humor. His joyful personality became evident during his interview with Matt Stern, MD, Past-President of MDS, during the 17th International Congress in Sydney, Australia. During the interview, the typically animated Eldad remarks that he was born in Tel Aviv, Israel to Jewish Polish immigrants who wanted him to become a mensch. Well, they would be very proud of him, because well beyond his professional and research accomplishments, Eldad will be always remembered by those who have had the privilege to know him as the "true mensch". Eldad will be missed not only by his loving family, but also by his many friends, colleagues around the world, and his grateful patients.

25th Anniversary MDS International Congress in San Diego, CA, USA

The 19th International Congress of Parkinson's Disease and Movement Disorders was hosted this year in San Diego, CA, USA on June 14-18, 2015. San Diego, a vibrant metropolitan city with endless opportunities for exploration and activities, provided the perfect location for delegates traveling from 82 different countries. The Manchester Grand Hyatt was an ideal venue for networking, collaboration and learning about the latest research in the field of Movement Disorders. Everyone's participation made for several highlights during the week:

- 3,700 total people registered (including press and exhibitors)
- 82 countries represented
- 100 Travel Grants awarded by MDS
- 206 faculty members participated in the Scientific Sessions
- 1,473 posters accepted
- 25 Late-Breaking posters accepted
- 14 MDS Study Group abstracts accepted
- 4 Therapeutic Plenary Sessions
- 7 Plenary Sessions
- 24 Parallel Sessions
- 8 Teaching Courses
- 12 Video Sessions
- 12 Skills Workshops
- 16 Guided Poster Tours
- 39 companies exhibited
- 12 representatives from the press attended



Delegates view the posters and interact with poster presenters in the Poster Area each day.



Under the direction of Victor Fung, the Congress Scientific Program Committee (CSPC) made every effort to ensure that the science for the 19th International Congress was diverse and educational. The 2015

Scientific Program incorporated Therapeutic Plenary Sessions, Plenary and Parallel Sessions, Teaching Courses, Video Sessions, Skills Workshops, Controversies, Blue Ribbon Highlights, Poster Sessions and Guided Poster Tours. There were 11 sessions focused on this year's theme of "Multi-system proteinopathies: From paradigm shift to therapy" which gave participants an educational and comprehensive overview on the subject.

Delegates were formally greeted in San Diego at the official Opening Ceremony for the International Congress on the evening of Sunday, June 14. Highlights of the ceremony included video presentations showcasing the accomplishments of the Society as well as a tribute to the 25th Anniversary of the International Congress and the importance of MDS and medical meetings as told through the past leaders of the Society.

In addition, President Matthew Stern distributed these awards at the Opening Ceremony:

Honorary Member Awards:

C. Warren Olanow, *New York, NY, USA*

Anne Young, *Boston, MA, USA*

President's Distinguished Service Award:

Roongroj Bhidayasiri, *Bangkok, Thailand*

Louis Tan, *Singapore*

Stanley Fahn Lecture:

Günther Deuschl, *Kiel, Germany*

C. David Marsden Lecture:

José Obeso, *Madrid, Spain*

Junior Awards

Carine Maurer, *Bethesda, MD, USA*

Bettina Balint, *London, United Kingdom*

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International Congress CONTINUED FROM PAGE 9

Dr. Matthew Stern presents Dr. Roongroj Bhidayasiri and Dr. Louis Tan with the President's Distinguished Service Award during the Welcome Ceremony.

Additionally, 100 Travel Grants were distributed. Please see page 11 for more information on these awards.

Following the Opening Ceremony, delegates gathered at the Welcome Reception, where they were treated to cuisine representing many of the regions of the world where past International Congresses have been held.

Over 2,000 delegates gathered to watch unique Movement Disorder cases on the evening of Wednesday, June 17 during the 8th Annual MDS Video Challenge. The cases presented were selected from a large number of submissions by an international panel of reviewers. Led by Masters of Ceremony Anthony Lang and Kapil Sethi, the world-renowned Panel of Experts engaged the audience by guiding them through the thought process of diagnosing challenging movement disorder cases.

The ten cases that were presented to the Panel of Experts and the three short cases that were shown from the Masters of Ceremony came from Movement Disorder Centers around the world, which offered an enjoyable spirit of competition to this event. The Gold medal was awarded to Columbia University in New York, New York, USA (presented by Angel Vinuela; eight years of left leg involuntary movements: A phenomenology challenge) the Silver medal was awarded to Beaumont Hospital in Ireland (presented by: Eavan McGovern; the missing post-operative limb) and the Bronze medal was awarded to National Taiwan University, Taiwan (presented by: Ling-Yun Fan; steroid responsive parkinsonism in a young man).

The International Parkinson and Movement Disorder Society would like to thank all of the institutions and national Movement Disorder groups who submitted a Letter of Intent at the start of this process and would especially like to thank those who were selected to present their case during the MDS Video Challenge. Please watch the



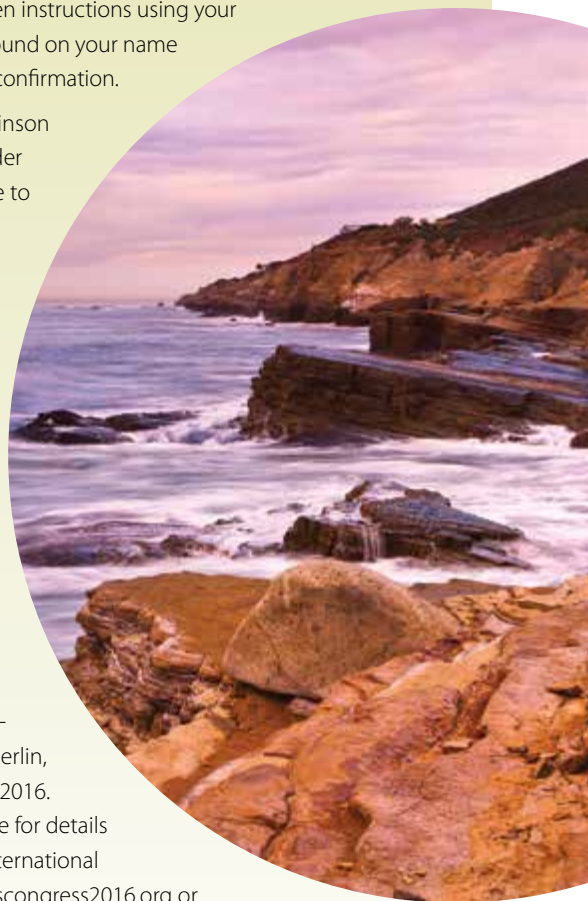
8th Annual MDS Video Challenge Masters of Ceremony, Expert Panel, and case presenters

website for more information about upcoming deadlines if you are interested in participating in the 9th Annual MDS Video Challenge to be held in Berlin, Germany on June 22, 2016.

To claim CME credit for your participation in the MDS 19th International Congress, please visit www.mdscongress2015.org and complete the on-screen instructions using your registration number found on your name badge or registration confirmation.

The International Parkinson and Movement Disorder Society would also like to extend their gratitude to faculty, supporters, exhibitors and delegates for traveling to San Diego and for helping make the 19th International Congress of Parkinson's Disease and Movement Disorders another successful meeting!

Mark your calendars! MDS is already planning for the 20th International Congress in Berlin, Germany, June 19-23, 2016. Please visit our website for details regarding the 2016 International Congress at www.mdscongress2016.org or contact the International Secretariat at congress@movementdisorders.org with any questions.



2015 MDS Awards Announced

During the 19th International Congress of Parkinson's Disease and Movement Disorders, June 14-18, 2015, the Society was proud to honor the following MDS award recipients:

President's Distinguished Service Award

The President's Distinguished Service Award is given in recognition of long and distinguished service to The International Parkinson and Movement Disorder Society (MDS).

2015 Recipients

Roongroj Bhidayasiri
Bangkok, Thailand

Louis Tan
Singapore

Previous recipients of the President's Distinguished Service Award include Esther Cubo (2014), Philip Thompson (2013), Marcelo Merello and Hubert Fernandez (2012), Oscar Gershanik (2011), Anthony Lang (2010), Serge Przedborski (2009), Cynthia Comella (2008), C. Warren Olanow (2007), Eduardo Tolosa (2006), Stanley Fahn (2005), and Mark Hallett (2004).

Honorary Member Award

The Honorary Member Award recognizes individuals who have made extraordinary contributions to the field of Movement Disorders or otherwise to The International Parkinson and Movement Disorder Society (MDS).

2015 Recipients

C. Warren Olanow
New York, NY, USA

Anne Young
Boston, MA, USA

Previous recipients of the Honorary Member Award (formerly the Career Award) include Anthony Lang (2014), William Weiner (2014), Joseph Jankovic (2013), John Nutt (2013), Mark Hallett (2012), Eduardo Tolosa (2012), John GL Morris (2011), Masaya Segawa (2011), Ann Graybiel (2010), Andrew Lees (2010), Yoshikuni Mizuno (2009), Ira Shoulson (2009), Alim Benabid (2008), Mahlon DeLong (2008), Eldad Melamed (2007), Ali H. Rajput (2007), Niall Quinn (2006), Patrick McGeer (2006), Peter Jenner (2005), Thomas Chase (2005), Roger C. Duvoisin (2004), Hiroshi Shibasaki (2004), Yves Agid (2004), Stanley Fahn (2002), Oleh Hornykiewicz (2002) and Gerald Stern (2002).

Junior Awards

Two Junior Award recipients were selected based on their significant contribution to research in the field of Movement Disorders.

2015 Recipients

Carine Maurer
Bethesda, MD, USA

Bettina Balint
London, United Kingdom

Previous recipients of the Junior Award include Julia Muellner (2014), Anhar Hassan (2014), Samuel Shribman (2014), Alison Yarnall (2013), Mun Kyung Sunwoo (2013), Jee Young Lee (2013), Marios Politis (2012), Norbert Brüggemann (2012), Karin Tuschl (2012), Alexander Schmidt (Clinical 2011), George Tofaris (Basic Science 2011), Roberto Cilia (Clinical 2010), Raphael Hourez (Basic Science 2010), Helen Ling (Clinical 2009), Carlos Juri (Basic Science 2009), Luke Massey (Clinical 2008), Binith Cheeran (Basic Science 2008), Christine Daniels (Clinical 2007), Myriam Khondiker (Basic Science 2007), Andre Troiano (Clinical 2006), Akiko Imamura (Basic Science 2006), Peter Novak (Clinical 2005), Nutan Sharma (Basic Science 2005), David Williams (Clinical 2004), Pedro Gonzalez-Alegre (Basic Science 2004), Sylvie Raoul (Clinical 2002) and Jan Raethjen (Basic Science 2002).

Travel Grants

MDS Travel Grants are offered annually in partial support of International Congress delegates in financial need to facilitate their travel to and participation in the International Congress of Parkinson's Disease and Movement Disorders.

Muneer Abu
Snineh Israel

Robert Adam
Australia

Emmanuel Akano
United States

Ayca Altinkaya
Turkey

Julius Anang
Canada

Jan Bardon
Czech Republic

Rui Duarte Barreto
Portugal

Michael Bonello
United Kingdom

Linda Borellini
Italy

Lauren Broom
United States

Florian Brugger
United Kingdom

Abderrahmane Chahidi
Morocco

Payel Chatterjee
India

Han-Lin Chiang
Taiwan

Hyun Joo Sophie Cho
United States

Christine Cooper
United States

International Congress CONTINUED FROM PAGE 11

Florence Cormier-Dequaire <i>France</i>	Eleanna Kara <i>United States</i>	Roberto Ortega <i>United States</i>	Jirada Sringean <i>Thailand</i>
Aman Deep <i>United States</i>	Katsuo Kimura <i>Japan</i>	Jin Sung Park <i>Australia</i>	Meera Sritharan <i>United Kingdom</i>
Soaham Desai <i>India</i>	Florian Krismer <i>Austria</i>	Sachin Patil <i>India</i>	Morten Stokholm <i>Denmark</i>
Anand Diwan <i>India</i>	Marium Kulsum <i>India</i>	Matthew Petrucci <i>United States</i>	Samuel Stuart <i>United Kingdom</i>
Ahmad Elkouzi <i>United States</i>	Sheng-Han Kuo <i>United States</i>	Marina Picillo <i>Canada</i>	Irene Taravini <i>Argentina</i>
Richard Erasmi <i>Germany</i>	Ling Liu <i>Peoples Republic of China</i>	Ahmed Qavi <i>Pakistan</i>	Baris Topcular <i>Turkey</i>
Benedikt Fabry <i>Germany</i>	Karlo Lizarraga <i>United States</i>	Md. Mashiar Rahman <i>Bangladesh</i>	Yevgen Trufanov <i>Ukraine</i>
Seyed-Mohammad Fereshtehnejad <i>Sweden</i>	Matthias Lohle <i>Germany</i>	Gesine Respondek <i>Germany</i>	Zeynep Tufekcioglu <i>Turkey</i>
Michelle Fullard <i>United States</i>	Jose Lopez-Castellanos <i>El Salvador</i>	Daphne Robakis <i>United States</i>	Lauren Turner <i>Australia</i>
Carmen Gasca-Salas <i>Canada</i>	Marianne Luinstra <i>Netherlands</i>	Priscila Rocha <i>Australia</i>	Neeraj Upadhyay <i>Italy</i>
Matthew Georgiades <i>Australia</i>	Lingyan Ma <i>Peoples Republic of China</i>	Flavio Augusto Sallem <i>Brazil</i>	Michael Vesia <i>Canada</i>
Gimena Gomez <i>Argentina</i>	Graziella Madeo <i>Italy</i>	Armando Sanchez-Jordan <i>Mexico</i>	Padmaja Vittal <i>United States</i>
Jessica Gonzalez Mujica <i>Peru</i>	Abhimanyu Mahajan <i>United States</i>	Sara Sanz-Blasco <i>Argentina</i>	Doris Wang <i>United States</i>
Jennifer Han <i>United States</i>	Stephanie Mangesius <i>Austria</i>	Anna Sauerbier <i>United Kingdom</i>	Daryl Wile <i>Canada</i>
Sebastian Heinzl <i>Germany</i>	Nargiza Mansurova <i>Uzbekistan</i>	Ruth Schneider <i>United States</i>	Laura Williams <i>Ireland</i>
Andreas Horn <i>Germany</i>	Raul Martinez <i>Spain</i>	Laetitia Schwab <i>United Kingdom</i>	Ho Geol Woo <i>Korea</i>
Katja Huckelheim <i>Germany</i>	Eavan Mc Govern <i>Ireland</i>	Laura Scorr <i>United States</i>	Yue Xing <i>United Kingdom</i>
Edwin Jabbari <i>United Kingdom</i>	Niccolo Mencacci <i>United Kingdom</i>	Shital Shah <i>United States</i>	Gilad Yahalom <i>Israel</i>
Angela Jochim <i>Germany</i>	Shahnaz Miri <i>United States</i>	Leili Shahgholi <i>United States</i>	Tritia Yamasaki <i>United States</i>
Vincent Jourdain <i>United States</i>	Wael Mohamed <i>Egypt</i>	Vibhash Sharma <i>United States</i>	Jing Yang <i>Peoples Republic of China</i>
Rukmini Mridula Kandadai <i>India</i>	Robert Nickl <i>Germany</i>	Kara Smith <i>United States</i>	Heidemarie Zach <i>Austria</i>

A New LMS for MDS!

In order to uphold our commitment to providing quality educational opportunities in the field of Movement Disorders, the MDS team is currently working with Web Coursework to develop a new custom Learning Management System (LMS), which will launch in January 2016. The MDS LMS will not only host all current continuing medical education courses, but allow MDS to grow the CME catalog and provide state of the industry educational content to our users.



Features

Responsive Design for Mobile and Tablet Access

Regardless of iOS or Android device, our LMS detects the device used to access certain features and optimizes the layout for maximum accessibility and ease of use so you can have CME credits at your finger tips.

User Friendly Interface

Intuitive, user friendly design, allows learners to focus on content and not navigating within the LMS.

Just for MDS

The LMS offers specific features to launch and manage continuing medical education and certification.

Single Sign-on

Cohesive integration between the new LMS and established MDS user accounts allows for easy access to all MDS website and LMS features using a single username and password.

Free Courses

All courses will remain free to any MDS member. Visit www.movementdisorders.org/membership or contact info@movementdisorders.org to become a member today!

Look for more details regarding our new custom LMS soon and contact us with any questions at education@movementdisorders.org. We can't wait for you to learn with us!

The International Parkinson and Movement Disorder Society is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

MDS Website Recognized with 'Standard of Excellence' Award

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

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

The MDS website has once again been recognized with the 2015 "Standard of Excellence" award given by the Web Marketing Association.



MDS entered the website (www.movementdisorders.org) in the *Nonprofit* and *Medical* categories. The site earned a score of 54.0 in both categories (Industry average score for *Nonprofit* was 50.0; Industry average score for *Medical* was 53.0) and was judged in 7 categories: Design, Innovation, Content, Technology, Interactivity, Copywriting, and Ease of Use. The judges commented:

"A very comprehensive site, well presented and interactive for a global audience."

The Web Marketing Association, which was created in 1997, is run by expert volunteers who judge thousands of websites from around the world in 96 categories.

The last time the Society won the award was in 2010.

As MDS continues to grow, our website also evolves and improves with ever more information, resources, and tools for our membership. When you log in to www.movementdisorders.org (and we hope you do regularly!), be sure to look for these new features online.

Device Aided Medical Therapies in PD (CME):

Device-Aided Medical Therapies in Parkinson's Disease is a new online CME 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 10 separate modules, addresses issues such as identifying patients who may or may not benefit from the treatment, recognizing 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.



Patient Education Materials: The International Parkinson and Movement Disorder Society has compiled a series of handouts for members only to be shared with patients on various movement disorder topics. Handout subjects include: Dystonia, Essential Tremor, Deep Brain Stimulation for Parkinson's disease, and Huntington's disease. These handouts can be found in the Resources section of the MDS website.

5th AOPMC: The Asian and Oceanian Parkinson's Disease and Movement Disorders Congress (AOPMC) occurs every two years as a forum to further develop the field of Movement Disorders in the region. Previous Congresses have been held in Singapore, India, Taiwan and Thailand. The 5th AOPMC will be held March 11-13, 2016 in Manila, Philippines. Visit the 5th AOPMC website at www.aopmc2016.org to learn more!



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" section of the website.

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

— Victor McConvey, RN, MACN, Elwood, VIC, Australia; Chair, Health Professionals (Non-Physician) Special Interest Group (HP-SIG)

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 the 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, 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 2016 will continue to bring many new and exciting changes for our group.

Kicking Off the 2015–2017 Term with New Leaders

The HP-SIG welcomed new leadership this past June as is done every two years at the International Congress. While we bid farewell to our past chairs in San Diego, CA, USA, we thank them for all they've done and will continue to do for the SIG. Without the past leaders and contributors of the HP-SIG, we would not have the increased visibility, educational offerings, or growing momentum we're most proud of today.

While we're pleased with the traction the group has gained with MDS, we plan to continue efforts to further integrate into the Society.

Serving as Chair and Co-chair of the HP-SIG for the 2015–2017 term are Victory McConvey and Hanneke Kalf.

Victor served as Co-chair for the group from June 2013–2015 and will serve as Chair for the 2015–2017 term. Dr. Kalf is new to the group serving as Co-chair and offers expertise as a Speech Pathologist.

As your new leaders of the HP-SIG, our promise is to continue to foster a platform for interdisciplinary interactions and collaboration on an international level. We look forward to serving you this term.

HP-SIG Congress Meeting Highlights

This year, the HP-SIG offered two opportunities for networking at the International Congress in San Diego, CA, USA on Monday, June 15 and Tuesday, June 16, 2015. Monday's meeting provided a panel of experts discussing development of inter professional networks of education and care; while Tuesday's meeting provided a full hour dedicated to inter-professional networking. See the HP-SIG webpage on the MDS website for full information and meeting highlights.



Victor McConvey,
RN, MACN
Elwood, VIC,
Australia



Dr. Hanneke Kalf
Nijmegen, The
Netherlands

HP-SIG Representative Appointed to Education Committee of the MDS Pan American Section

We would like to congratulate Ruth Hagestuen on her recent appointment to serve on the MDS Pan American Section Education Committee. Ruth has served the HP-SIG as Co-chair since 2011 and was Chair from June 2013–2015. Ruth has been a member of MDS since 1992 and has played an active role since.



The HP-SIG congratulates Ruth on this achievement for Health Professionals of the Society! We look forward to bringing you future educational offerings with Ruth's expertise and skills provided!

HP-SIG Seeks New Leaders for Section Roles

We are pleased to announce a request for Expressions of Interest to serve in the following HP-SIG Leadership Roles for the 2015 term:

Chair, Pan American Section of the HP-SIG

Ruth Hagestuen, will serve as a resource to new leadership as the past-Chair of the HP-SIG-PAS subgroup.

Chair, Website Editorial Group of the HP-SIG

Mariella Graziano, will serve as a resource to new leadership as past-Chair of the Website group.

Chair, Education Committee of the HP-SIG

This is a new role and will share and discuss ideas and initiatives with the HP-SIG Chair and Co-Chair, Victor McConvey and Hanneke Kalf.

Interested individuals are encouraged to visit the HP-SIG webpage to learn further about these and other roles available with the group:

www.movementdisorders.org/MDS/Health-Professionals.htm

If interested, please email the International Secretariat at ssurillo@movementdisorders.org and identify the position you feel you or a colleague may serve well in.

Check us out on Facebook and LinkedIn!



Connect with other MDS Health Professionals!

First MDS LEAP held in San Diego, CA, USA

— Cynthia Comella, MD, Course Director, Rush University Medical Center, Chicago, IL, USA



The first LEAP leadership training and development program was held June 12-13 in San Diego, CA. The 12 young enthusiastic participants from all three regional sections, three excited, engaged faculty and two amazing assistants created two full days of hard work combined with self-reflection, discussion and shared experiences. During the course of the program, participants discussed the five practices of exemplary leadership and the behaviors and commitments associated with each.

It was a highly interactive program, with opportunities to share individual leadership experiences and discuss ways to overcome obstacles and challenges currently faced by each participant. The program included didactic slides, but went beyond words. Participants practiced leadership and teamwork through hands-on exercises to build towers of paper and lift bamboo rods; and identified what drives them by sorting values cards. The hands-on exercises all served to reinforce the importance of values and teamwork. Participants and faculty learned a great amount from each other, as the role of participant merged with the role of faculty. Although sad to be at the end of the experience, there is an eagerness to look to the future and a commitment from the group to continue the communication.

LEAP Class of 2015

MDS-AOS:

- **Jawad Bajwa, MD**
Director, Parkinson's, Movement Disorders and Neurorestoration Program
National Neuroscience Institute, King Fahad Medical City
Riyadh, Saudi Arabia
- **Han-Joon Kim, MD, PhD**
Associate Professor, Department of Neurology
Seoul National University Hospital
Seoul, Korea

- **Chin-Hsien Lin, MD, PhD**
Attending Physician and Assistant Professor, Department of Neurology
National Taiwan University Hospital (NTUH)
Taipei, Taiwan
- **Genko Oyama, MD, PhD**
Associate Professor, Department of Neurology
Juntendo University Hospital
Tokyo, Japan

MDS-ES:

- **Jean-Christophe Corvol, MD, PhD**
Professor of Neurology
Pitié-Salpêtrière Hospital
Paris, France
- **Susanne A. Schneider, MD**
Consultant Neurologist, Department of Neurology
University Hospital Kiel
Munich, Germany
- **Matej Skorvanek, MD, PhD**
Clinician, Department of Neurology
Safarik University and University Hospital of L. Pasteur
Kosice, Slovak Republic
- **Maria Stamelou, MD, PhD**
Consultant Neurologist, Second Department of Neurology
University of Athens
Athens, Greece

MDS-PAS:

- **Roy N. Alcalay, MD**
Florence Irving Assistant Professor of Neurology
Columbia University Medical Center
Division of Movement Disorders
New York, NY, United States
- **Brandon R. Barton, MD**
Movement Disorders Neurologist, Assistant Professor
Rush University Medical Center and Jesse Brown VA Medical Center
Chicago, IL, United States
- **Tiago A. Mestre, MD, MSc,**
Assistant Professor
University of Ottawa
Ottawa, ON, Canada
- **Santiago Perez Lloret, MD, PhD**
Full-time Researcher
Argentinean National Research Council
Buenos Aires, Argentina

East African Course on Movement Disorders – Addis Ababa, Ethiopia, March 23–24, 2015

The MDS Task Force on Africa presented a two-day intensive course in Movement Disorders held March 23–24, 2015 at the Black Lion Hospital, Addis Ababa University School, Addis Ababa, Ethiopia. The course was organized by James H. Bower, MD (Mayo Clinic, Rochester, MN, USA) and local organizer, Mehila Zebeignus, MD (Addis Ababa University School, Addis Ababa, Ethiopia). Additional faculty included Jonathan A. Carr, MBChB, PhD, Tygerberg Hospital, Tygerberg, South Africa; Anhar Hassan, MD, Mayo Clinic, Rochester, Minnesota, USA; Joaquim Ferreira, MD, PhD, Faculty of Medicine, University of Lisbon, Torres Vedras, Portugal; Njideka Okubadejo, MBChB, FMCP, University of Lagos, College of Medicine, Lagos, Nigeria; and Abenet Mengesha, MD, Addis Ababa University School of Medicine, Ethiopia.

Attendance for this course was higher than anticipated at 144. The majority of participants were based in Ethiopia, but attritional participants attended from eight other nations including, Kenya, Rwanda, Tanzania, South Sudan, Republic of Sudan, Uganda, Djibouti, and Somaliland.

Topics included lectures on Parkinson's disease diagnosis, treatment and management, other parkinsonism, tremor, ataxia, myoclonus, dystonia, chorea, Huntington's disease, and tics. Additional interactive lectures included patient videos, case scenarios on diagnosis and on treatment and management, plus examination of patients with parkinsonism and hyperkinetic disorders.

MDS Visiting Professor Program – Mozambique, August 17–21, 2015

The MDS Visiting Professor Program collaborated with two institutions in Mozambique to present a training course on Movement Disorders in August 2015.

The program was organized by local host, Lúcia Chambal, MD of Maputo Central Hospital, Mozambique and MDS faculty included Joaquim Ferreira from University of Lisbon, Faculty of Medicine and Francisco Cardoso of Federal University of Minas Gerais.

The program took place at Maputo Central Hospital from August 17–18 and Nampula Central Hospital from August 20–21, and was directed to medical specialists, physicians in training and medical students.

The program in Maputo drew 45 attendees and Nampula had 60 participants. Participants included general neurologists, internal medicine specialists, neurosurgeons, general practitioners, medical students and interns in internal medicine, pediatrics, neurology, and neurosurgery.

In addition to the didactic lectures, participants had the opportunity to discuss local cases through ambulatory patient examination and video cases from the Pediatrics Department. Lectures and discussion on Parkinson's disease were of particular interest to many as this topic is somewhat neglected in terms of clinical diagnosis and the limitation on the availability of drugs for the treatment in Mozambique.

In the concluding remarks the participants underlined the importance of the program content and the high quality of the presentations. After this training course, participants were more confident facing patients with movement disorders. Participants also noted that it was a short time for the complexity of the program and proposed that this training should take place periodically addressing these and other related topics.



MDS-European Section Letter from the Chair

— Joaquim Ferreira, MD, PhD, Professor of Neurology, University of Lisbon, Lisbon, Portugal; Chair, MDS-ES



New MDS-ES Initiatives Are Being Defined and Contributions from All Members Are Welcomed

Due to the generous involvement and effort of our committees, active members, faculty and staff, the educational activities managed by MDS-ES continue its growing trend in

implementing our plans and accomplishing the MDS goals.

This is well demonstrated by the initiatives that took place after the last *Moving Along* letter which include: the “8th Annual ES Summer School for Young Neurologists” in Prague, Czech Republic (Sep. 4-6, 2015), the “Deep Brain Stimulation for Movement Disorders” course in Grenoble, France (Sep. 10-11, 2015), the DWEF “Clinical Challenges in Diagnosis and Treatment of Movement Disorders” in Vladivostok, Russia (Sep 11-13, 2015), the DWEF “Movement Disorders: Diagnosis and Management” in Astana, Kazakhstan (Nov. 5-7, 2015), and the “Bridges and Boundaries in Movement Disorders: The Role of Neuroimaging” in Pisa, Italy (Nov. 12-13, 2015). Additionally, activities have been conducted in collaboration with other organizations like the European Academy of Neurology (EAN) Regional Teaching Course in Khartoum, Sudan (Oct. 15-17, 2015), where Prof. Timothy Lynch generously served as faculty representing the MDS-ES.

Out of these events, the initiatives that took place in countries like Russia, Kazakhstan and Sudan deserve further mentioning. Holding courses in large countries like these, which are so rich in history, provides an enormous potential for strengthening collaborations between MDS and our local colleagues with an interest in movement disorders. The feedback received by the MDS-ES faculty was extremely positive and all feel that there is a bi-directional learning curve. We are convinced that our programs are extremely important in improving the knowledge and level of care in these countries, but it has also been extremely important to further learn about each countries' resources and needs to aid in the development of future programs in these areas. There has been an important learning curve in understanding the need to take the following into consideration when creating a relevant learning program: language

barriers, current levels of knowledge, available treatments and training programs, as well as, a countries' main needs.

Having been involved in the MDS-ES initiatives in the past years, I can say that all members should feel proud of the quality of the current portfolio of educational and other initiatives. However, we should not rest on the current success. It is the intention of the MDS-ES Officers and Executive Committee to evaluate the implementation level of the current strategic plans defined in 2013 and work on a new program for the next two years. For this purpose we are starting the process of developing a new strategic plan. Because this should be a collective effort, we would be grateful to receive input from all the MDS-ES members by providing comments, critiques, suggestions and proposals for initiatives. We recognize that there are certain aspects that deserve additional attention, like improved communication, the involvement of new members, increased knowledge of the conditions in different countries, as well as the need to identify and collaborate with all local/national movement disorders groups. Some efforts are already underway to address these aspects, but additional contributions are welcomed. The MDS-ES, as the main scientific society focused on movement disorders in Europe, should reflect the interests and needs of all health professionals with an interest in our field. Thus we welcome the ideas and contributions of all to achieve this goal.

To provide suggestions, you can email the MDS Secretariat at sgifford@movementdisorders.org.

Joaquim Ferreira, MD, PhD
Chair, MDS-ES

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

— Evžen Růžička, Professor of Neurology, Charles University, Prague, Czech Republic

The 8th annual MDS-ES Summer School for Young Neurologists was held in Prague, Czech Republic, on September 4–6, 2015. This course received over 150 applications for less than 50 available spaces. The Summer School course was attended by 43 participants from 24 countries across the European Section. Four delegates from Sub-Saharan Africa were supported through funding from the Task Force on Africa, and additional travel grants were distributed to those residing in Northern Africa and Eastern Europe.

The course was held at the Department of Neurology, General University Hospital in Prague, and was directed by Evžen Růžička. Twelve additional faculty participated in the school: Angelo Antonini (Venice, Italy), Kailash Bhatia (London, UK), Carlo Colosimo (Rome, Italy), Georg Ebersbach (Beelitz, Germany), Joaquim Ferreira (Lisbon, Portugal), Robert Jech (Prague, Czech Republic), Vladimir Kostić (Belgrade, Serbia), Wolfgang Oertel (Marburg, Germany), Karen Østergaard (Aarhus, Denmark), Irena Rektorová (Brno, Czech Republic), Jan Roth (Prague, Czech Republic), and Marie Vidailhet (Paris, France)

Day one of the course focused on Parkinsonism and included lectures on phenomenology and treatment of Parkinson's disease. In the afternoon, students were divided into small groups with half of the students participating in clinical rounds under the tutelage of the course faculty to perform hands on examination of movement disorders patients, and the other half of the students further divided into smaller groups for workshops on use of Botulinum Toxin, examination of disorders of balance and gait, and an introduction to imaging of movement disorders.

Day two focused on hyperkinetic disorders and included lectures on dystonia, tremor, myoclonus, tics, and choreas. Students also participated in the "bring your own patient" session where students presented a video case of their own. In the afternoon, the students



I am Roberto López Blanco, young fellow neurologist in movement disorders in Alcalá de Henares Hospital (Madrid-Spain), and recent new member of MDS. I attended to the 8th Annual MDS-ES Summer School in Prague, Czech Republic, during the past weekend and it was a really exciting experience to me. I reckon that the course programme was beyond the expectations, not only in a professional way, if not in a personal sense with other colleagues in the same situation than oneself, sharing different points of view, being all of them rewarding.

Furthermore, it is an opportunity to contribute in an active manner, with the presentations of personal interesting cases, and interacting with real patients in practical activities.

It was recommended to me by a friend, and now from my position, I strongly encourage young neurologist, residents in last year or any general neurologist who are interested in movement disorders to apply for it.

*Yours faithfully,
Roberto López Blanco*



participated in the same parallel sessions from day one, attending the skills workshops that were not attended on day one.

Day three addressed complex patient management issues and included lectures on atypical parkinsonism and sleep-related, drug-induced, and psychogenic movement disorders. In addition, faculty selected 10 student case presentations from the previous day for

MDS-ES School for Young Neurologists CONTINUED ON PAGE 20

MDS-ES School for Young Neurologists CONTINUED FROM PAGE 19

presentation to all students and faculty. Three presentations were selected by the students by vote to be awarded complimentary registration to the 20th International Congress of Parkinson's Disease and Movement Disorders in Berlin, Germany.

In addition to the lectures, video cases, expert guided patient examinations and skills workshops, the school hosted two dinners. The Video Dinner was held at classic Czech restaurant U Kalicha. Students enjoyed a traditional Czech meal while the faculty presented video cases for discussion. The students also participated in

a social networking event at the National Monument at Vitkov. The evening began with an educational presentation of the history of the monument and concluded with a group dance instruction. This was a well-deserved break for students and faculty alike following long days of education.

The Summer School received positive feedback from the onsite evaluations citing particular appreciation for the small group dynamic of the skills workshops and clinical examinations.

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

— Paul Krack, MD, Joseph Fourier University, Neurology Department, Grenoble, France

The Deep Brain Stimulation for Movement Disorders course, held in Grenoble, France, on September 10–11, 2015, was the last course in an initial four-course series on this topic throughout Europe.

The series included courses in Budapest, Hungary, September 11–12, 2014; Milan, Italy, December 5–6, 2014; and Barcelona, Spain, March 5–6, 2015. This course was directed by Prof. Paul Krack, MD, from Grenoble, France, Prof. Stephan Chabardes, MD, PhD, from Grenoble, France, and Jens Volkmann, MD, PhD, from Würzburg, Germany.

The first day covered a general introduction to Deep Brain Stimulation (DBS), as well as DBS for tremor, DBS for dystonia, DBS for Parkinson's disease, surgical procedure, and intraoperative neurophysiological monitoring.

The second day included an introduction to programming DBS systems, a discussion of the postoperative adjustment period in advanced Parkinson's disease, an overview of hardware-related complications, and a presentation on DBS from neurology to psychiatry. During the second-half of the second day, the participants broke

into small groups to meet with 4 patients with an implanted DBS system and discussed their treatment course, postoperative treatment problems and stimulation settings.

The course was attended by 42 participants from 24 different countries, including: Belgium, Brazil, Bulgaria, Estonia, France, Georgia, Germany, Greece, Italy, Macedonia, Moldova, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovenia, Spain, Sweden, Ukraine, United Kingdom, and United States. The MDS-ES awarded seven travel bursaries for attendees from underserved areas in Europe to participate in the course.

Overall the participant evaluations were positive. 97% of participants felt that the content of the program was relevant to their practice and 100% felt that the activity enhanced their professional effectiveness. This course was a great opportunity to introduce Deep Brain Stimulation treatment to some, while enhancing the knowledge for the participants who already came with previous knowledge of Deep Brain Stimulation for Movement Disorders.



MDS Educational Course (DWEF): Clinical Difficulties in Diagnosis and Treatment of Movement Disorders – Vladivostok, September 11–13, 2015

— Oleg Levin, Professor of Neurology, Russian Medical Academy of Post Graduate Education, Moscow, Russia

The MDS educational course (DWEF) “Clinical Difficulties in Diagnosis and Treatment of Movement Disorders” took place September 11–13 in Vladivostok, Russia. The course was a main part of regional Pacific neurological conference organized by the Russian National Society of Parkinson’s Disease and other Movement Disorders, Department of Neurology of the Russian Medical Academy of Postgraduate Education and the Pacific Medical University of Vladivostok. The conference brought together leading experts from the International Parkinson and Movement Disorder Society from Germany, Italy and Estonia as well as specialists on the Parkinson’s disease and other movement disorders from Moscow, Vladivostok, Tomsk, Irkutsk. 129 neurologists from different regions of Russia took part in education course. On the first day of this course, it was considered the difficulties of early diagnosis of different movement disorders: Parkinson’s disease, atypical parkinsonism, Huntington’s disease, different types of tremor and dystonia. The next day was devoted to the modern options of treatment of early and late stages of Parkinson’s disease and video session with difficult for diagnosis clinical cases.

The lecture given by Prof. Günther Deuschl devoted to “tremor world” was informative and enthralling. Prof. Angelo Antonini had exciting talk about optimal approach to the diagnosis of atypical parkinsonism, and difficulties of effective and safe therapy selecting in advanced PD. Prof. Pille Taba had a graceful presentation devoted to early diagnosis and treatment of PD. Synergism or random co-existence of parkinsonism and cerebrovascular diseases were discussed in Prof. Oleg Levin’s talk. In addition to the international educational program, there have been several scientific and practical symposium devoted to management of non-motor aspects of movement disorders and problems of continuous dopaminergic stimulation and combination therapy of Parkinson disease.

Non-motor symptoms of Parkinson’s disease was one of the most discussed topics, including affective, cognitive, autonomic, sensory and sleep disorders. Prof. Illarionovskiy reported about the most actual



methods of early diagnosis of Parkinson’s disease, based on a study of smell disturbances, color vision, gastrointestinal tract dysfunction, affective disorders, REM sleep behavioral disorder, as well as the results of ultrasound scan of substantia nigra and other modern methods of functional neuroimaging. Prof. Levin’s report was devoted to the problem of psychotic disorders in Parkinson’s disease, their frequency, structure, pathogenesis, predisposing and precipitating factors and their influence on the prognosis and treatment strategy.

The epidemiology of Parkinson’s disease and other movement disorders in various regions of Russia was also discussed. Also addressed was the need to establish specialized centers for movement disorder patients, the creation of registers and protocols of patients with movement disorders management.

This MDS educational course as well as conference in a whole were successful. The educational program has received high marks from the audience. The modern approach for diagnosis and treatment of Parkinson’s disease and other movement disorders became closer to practical neurologists. The conference also showed the relevance for collaboration of MDS and Russian specialists on movement disorders.

MDS-Asian and Oceanian Section Letter from the Chair

— Nobutaka Hattori, MD, PhD, Professor and Chairman, Juntendo University School of Medicine, Tokyo, Japan; Chair, MDS-AOS



My name is Nobutaka Hattori from Juntendo University, in Tokyo, Japan. My research is focused on elucidating the pathogenesis of Parkinson's disease (PD) including monogenic forms of PD and I'm also interested in treatments of the disease. I am the current chair of the International Parkinson and Movement Disorder Society's Asian and

Oceanian Section (MDS-AOS). Our mission is to represent and promote the MDS-AOS. We offer outreach services to the developing world, such as online support and educational programs. This support is critical due to the increasing number of Parkinson's disease cases in Asia and Oceania, but also worldwide.

As we now move into a leadership transition in the MDS-AOS, we are grateful for the work and distinguished service of our past MDS-AOS leaders.

These are:

Past-Chair: Louis Tan

Past-Secretary: Roongroj Bhidayasiri

Past-Treasurer: Yoshikazu Ugawa

Past-Executive Committee Members: Asha Kishore, Minh Le, Miho Murata, Barry J. Snow, Jonas Hon Ming Yeung

Past-Education Chair: Madhuri Behari

Past-Education Committee Members: Domonic Jamora, John O'Sullivan, Yih-Ru Wu

Together they have worked hard to serve the MDS-AOS over the past two years. We are grateful that many of them will continue to serve in other capacities after stepping down from their positions.

The MDS-AOS has achieved a great deal over the past two years under the leadership of Louis Tan. They have raised the overall MDS-AOS membership within MDS from 27% to 28.5% since 2013. The MDS-AOS now has approximately 1,500 members. In addition, the 4th Asian and Oceanic Parkinson's Disease and Movements Disorders Congress (AOPMC) in 2014 was held in beautiful Pattaya, and had an attendance of over 800 people. Additionally, they have organized more than nine outreach programs (2013-present) and MDS-AOS has organized six live courses from 2014 to the present.

As we move into 2016, the new MDS-AOS leadership will continue to look for your support on two fronts:

1. To raise the membership of the MDS-AOS to constitute more than 30% of the total MDS membership. It is highly concerning that the number of Parkinson's disease (PD) patients will reach 30 million worldwide by year 2030. Today, out of all countries the world over, most Asian and Oceanian nations have the fastest

growing rates of PD. This issue is made more challenging by the difficulty we face in the defining the epidemiology of PD including the diagnosis and age-dependence of the disease. Therefore, MDS-AOS courses that work towards better defining the disease are necessary to combat the current increase in patients with PD. Thus, we believe that an increase in the Society's membership will aid clinicians, researchers, and non-physician health professionals including nurses, occupational or physical therapists, clinical psychologists, dieticians, genetic counselors, social workers and lab technicians to better define PD cases and more adequately care for the patients of the disease.

2. To organize a successful 5th AOPMC meeting in Manila, Philippines, March 11-13th, 2016. The various AOPMC and MDS-AOS committees are working hard to put together the plans and program for the AOPMC. We encourage every member to join us for the coming congress. Alongside this meeting will be the 11th International Symposium of the Asian and Pacific Parkinson's Association (APPA) in the same schedule, March 12-13th, 2016. This meeting is especially for patients and caregivers with PD to attend and learn more about their conditions. Moreover, each PD association from different countries has a good chance to communicate with each other beyond language and cultural barriers.

For more information visit: www.aopmc2016.org

We are looking forward to meeting you and encourage you to bring your local PD and MD communities to Manila in March 2016.

The MDS-AOS will only be able to function well with the active participation of all members. We therefore look forward to your help to:

- encourage membership in the MDS
- organize education programs in your countries, and
- contribute new ideas and plans to develop the MDS-AOS

If you have some ideas to contribute to the MDS-AOS or need help with any of the above, please do not hesitate to contact me by email (nhattori@juntendo.ac.jp), our secretariat liaison, Stephanie Dernek (sdernek@movementdisorders.org), or any member of the leadership for assistance.

We look forward to working with you!

With best regards,

Nobutaka Hattori
Chair, MDS-AOS

MDS-Pan American Section Letter from the Chair

— Francisco Cardoso, MD, PhD, FAAN, Professor of Neurology at the Federal University of Minas Gerais Belo Horizonte, Brazil; Chair MDS-PAS



Dear Colleagues,

As we end 2015, we feel happy over the rapid progress the MDS-PAS is making. Despite being the youngest section of MDS, many important milestones have been reached. I will start by highlighting our Business Meeting, which took place during the 19th International Congress of Parkinson's Disease

and Movement Disorders in San Diego, CA, USA in June 2015. There were 110 people in attendance, a record number. During the meeting there was an election of the Officers for the 2015-2017 term, the current Officers started their term and Jennifer G. Goldman, MD, from Chicago took over as chair of the MDS-PAS Education Committee. One of the highlights of this gathering was a strong presence of North American members of MDS-PAS. This prompts me to remind you that, as its name implies, the Pan American Section includes all MDS members from North America. In fact, I am very pleased to witness an enthusiastic participation of members of this part of the Section in different activities of the MDS-PAS. I take this opportunity to encourage our North American colleagues to participate even more in the MDS-PAS. The Officers and the Education Committee of the MDS-PAS are working hard to increase the offer of benefits to you.

We would like to congratulate the recipients of the 2016 MDS-PAS Visiting Trainee Grant (MDS-PAS-VTG) who were selected out of six applicants: Miriam Batule Dominguez, MD, from Arnaldo Milian Castro Hospital in Santa Clara, Cuba who will be hosted by UC San Diego Movement Disorder Center, San Diego, CA, under the supervision of Irene Litvan, MD and Felipe Vial, MD from Clinica Davila in Santiago, Chile who will be hosted by the National Institute of Health- Bethesda, Maryland, USA, under the supervision of Mark Hallett, MD. Both recipients will participate in a one-year program.

One of the strongest points of MDS is the large offer of educational opportunities. I highlight several of them that took place recently. Fostering New Directions in Parkinson's Research was a five-day course held in White Plains, NY, USA, May 4-9, 2015 under the guidance of Etienne C. Hirsch PhD, Serge Przedborski MD, PhD and Rajiv R. Ratan MD, PhD. It brought together basic scientists and clinicians having attracted 23 participants from Brazil, Canada, China, Poland,

Slovakia, United Kingdom and the United States. In São Paulo, Brazil, September 10-12, 2015 the first Allied Health Team Training (AHTT) for Parkinson's disease (PD) course took place in Latin America. The three-day course was directed by Maria Elisa Pimentel Piemonte, PT, PhD and Carlos Rieder MD, PhD and funded by the Edmond J. Safra Philanthropic Foundation. It was designed to increase knowledge about PD and to build capacity for comprehensive inter-professional care in the treatment of PD. The course was attended by 114 participants including nurses, physical therapists, occupational therapists, speech language pathologists, psychologists, dance teachers, nutritionist, pharmacists and physicians from Brazil, Chile and Uruguay. Alberto Espay, MD participated in an Ambassador Program at the 2015 Meeting of the Movement Disorders Section of The Brazilian Academy of Neurology. This successful meeting, held in São Paulo, Brazil, August 28-30 2015, attracted 345 participants among physicians and allied health professionals. Dr. Espay gave three very well received plenary talks. Many thanks to the course directors, faculty and participants of our educational activities for their hard work. More information on our courses can be found at our webpage: www.movementdisorders.org/MDS-PAS.

One of the main aims of MDS is to promote the growth of our field at a worldwide level to achieve improvement of education of health professionals and better care of people with movement disorders. To fulfill this mission, I am happy to announce that PAS facilitated the creation of a Central America Movement Disorders Group. This was done at a meeting of neurologists from Costa Rica, El Salvador, Guatemala, Honduras and Panama. It took place during the Neurology Congress of El Salvador on July 29, 2015. The initiative was supported by MDS-PAS through the use of Developing World Education Program (DWEPE) funds and Jorge Juncos, MD as PAS-MDS representative. I am sure that this Group will change the landscape of the movement disorder field in Central America and neighboring areas.

All my best wishes,

Francisco Cardoso

Francisco Cardoso
Chair, MDS-PAS

Fostering New Directions in Parkinson's Research – White Plains, NY, USA, May 4-9, 2015

This five day course was developed to confront the next generation of basic scientists with clinical realities and young clinicians with the latest advances of preclinical disciplines in Movement Disorders and to create a common language and generate ideas that allow development of new translational projects developed by the next generation of researchers in Movement Disorders. The course included lectures on topics related to research in the field of Movement Disorders, as well as hands-on group work, during which participants drafted a grant application related to Movement Disorders. There were 23 participants in attendance from Brazil, Canada, China, Poland, Slovakia, United Kingdom and the United States. The number of participants was intentionally kept low to create an intimate interactive learning environment for the participants.

Thank you to the course directors and the course faculty for their participation and commitment in making this a successful course.



Course Directors:

Etienne C. Hirsch, PhD - Paris, France
Hopital De La Salpetriere

Serge Przedborski, MD, PhD - New York, NY, USA
Columbia University Neurological Institute

Rajiv R. Ratan, MD, PhD - New York, NY, USA
Burke Medical Research Institute

Course Faculty:

James Beck, PhD - New York, NY, USA
Parkinson's Disease Foundation

Jason B. Carmel, MD, PhD - New York, NY, USA
Burke Medical Research Institute

Mark R. Cookson, PhD - Bethesda, MD, USA
National Institute on Aging, NIH

Stanley Fahn, MD - New York, NY, USA
Movement Disorders Group Neurological Institute

Christopher G. Goetz, MD - Chicago, IL, USA
Rush University Medical Center

Claire Henchcliffe, MD, DPhil - New York, NY, USA
Weill Medical College of Cornell University

C. Warren Olanow, MD, FRCPC - New York, NY, USA
The Mount Sinai Hospital

Jean Paul Gerard Vonsattel, MD - New York, NY, USA
Columbia University of New York City

Sameer A. Sheth, MD, PhD - New York, NY, USA
Columbia University Medical Center Neurological Institute

Andrew B. Singleton, PhD - Bethesda, MD, USA
National Institutes of Health

Yoland Smith, PhD - Atlanta, GA, USA
Emory University

David Sulzer PhD - New York, NY, USA
Columbia University Medical Center

Caroline M. Tanner, MD, PhD - San Francisco, CA, USA
PADRECC, SFVAMC & Dept. Neurology, UCSF

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

This was the first Allied Health Team Training (AHTT) for Parkinson's disease (PD) course in Latin America. The three-day course was designed to increase knowledge about PD and to build capacity for comprehensive inter-professional care in the treatment of PD through state-of-the-art lectures, interactive discipline, specific breakout lectures, interactive multidisciplinary breakout lectures, live patient examination and a caregiver discussion panel. The course was attended by 114 participants including nurses, physical therapists, occupational therapists, speech language pathologists, psychologists, dance teachers, nutritionist, pharmacists and physicians from Brazil, Chile and Uruguay.

The most important innovation in this AHTT edition consisted of using the International Classification of Functioning, Disability and Health (ICF) from World Health Organization (2001) as a framework for inter-professional care for PD. Initially there were talks on PD, including diagnostic criteria, motor and cognitive symptoms, medical and surgery treatment. This was followed by practical activities started based on the ICF. The first step was building of an inter-disciplinary team, separating discipline specific groups in order to discuss the specific issues for each professional area according to ICF domains. Afterwards practical activities were developed consisting of live evaluations of patients in early, intermediate and advanced stages of Parkinsonism. Finally, the inter-disciplinary treatment for each of the patients was built and discussed in a plenary session. In the latter the faculty and attendees brainstormed and discussed the best practice for inter-professional care of PD. The course was very well evaluated by the participants who had a strong active role for building the framework for interprofessional care in Parkinson's disease.

Furthermore, as a complementary activity, an opportunity was offered to all attendees and faculty to participate in a guided visit to the Brazilian Parkinson Association (BPA), the largest Brazilian PD patient organization. The visitors not only became familiar with the rehabilitation programs offered by ABP but also heard the choral of patients and participated in a dance class together with patients.

A special thanks to the Edmond J. Safra Philanthropic Foundation for funding a very successful educational event in São Paulo. The generated knowledge and building of professional relationships through attending this course will greatly benefit the care of people with PD in Latin America.



Course Directors:

Maria Elisa Pimentel Piemonte, PT, PhD - São Paulo, Brazil,
Department of Physical Therapy, Speech Therapy and Occupational
Therapy of Medical School of University of São Paulo

Carlos R. M. Rieder, MD, PhD - Porto Alegre, Brazil
Hospital de Clínicas de Porto Alegre, Universidade Federal Ciências
da Saúde de Porto Alegre (UFCSPA)

Course Faculty:

Neurology

Irene Litvan, MD - San Diego, CA, USA
University of California San Diego

Henrique Balallai Ferraz, MD - São Paulo, Brazil
Movement Disorders Unit, Escola Paulista de Medicina, Universidade
Federal de São Paulo

Egberto Reis Barbosa, MD - São Paulo, Brazil
Head of Movement Disorders Clinic of Hospital das Clínicas da Uni-
versidade de São Paulo

Allied Health Team Training for PD CONTINUED FROM PAGE 25

Francisco Cardoso MD, PhD, FAAN - Belo Horizonte, Brazil
MDS-PAS Chair, Professor of Neurology, The Federal University of Minas Gerais, Belo Horizonte, MG, Brazil

Chien Hsin Fen, MD, PhD - São Paulo, Brazil
University of São Paulo

Marcel Simis, MD PhD - São Paulo, Brazil
Institute of Physical Medicine and Rehabilitation (IMREA HC FMUSP)

Neurosurgery

Manoel Jacobsen Teixeira, MD - São Paulo, Brazil

Physical Therapy

Terry Ellis, PT, PhD, NCS - Boston, MA, USA
Assistant Professor, Director: Center for Neurorehabilitation, Department of Physical Therapy & Athletic Training, Boston University

Felipe Augusto dos Santos Mendes, PT, PhD - Brasília, Brazil
Doutor em Neurociências e Comportamento - USP, Professor Adjunto do Curso de Fisioterapia da Universidade de Brasília

Speech Therapy

Lorraine A. Ramig, PhD, CCC-SLP - Boulder, CO, USA
University of Colorado-Boulder, LSVT Global, Inc.

Elisabete Carrara-Angelis, PhD - São Paulo, Brazil

Letícia Lessa Mansur - São Paulo, Brazil

Giovana L. A. Diaféria, MS - São Paulo, Brazil
Associação Brasil Parkinson e Centro de Estudos da Voz

Occupational Therapy, Nursing, Neuropsychology

Ruth A Hagestuen, RN, MA - Golden Valley, MN, USA
National Parkinson Foundation & Struthers Parkinson's Center

Kátia Osternack Pinto, PhD - São Paulo, Brazil

Michelle HS Tosin, Mestranda em Enfermagem/UFF - Rio de Janeiro, Brazil

Rede Sarah de Hospitais de Reabilitação, Rio de Janeiro, Brazil

Maria Helena Morgani de Almeida, PhD - São Paulo, Brazil
Occupational Therapy Course, University of São Paulo

2016 MDS Education Calendar



International Parkinson and
Movement Disorder Society



Management of Advanced Parkinson's Disease with Infusion Therapies

February 17-18, 2016
Lund, Sweden



MDS-ES Winter School for Young Neurologists

February 26-28, 2016
Aarhus, Denmark



Parkinson's Disease and Other Movement Disorders

May 15, 2016
Houston, TX, USA



MDS-PAS Movement Disorders School for Neurology Residents

April 30-May 1, 2016
Atlanta, GA, USA



A Comprehensive Review of Movement Disorders for the Clinical Practitioner

July 31-August 1, 2016
Aspen, CO, USA

Dates and Locations are subject to change. For a complete up-to-date list of courses, visit

www.movementdisorders.org/MDS/education.htm

MDS-1215-144



International Parkinson and
Movement Disorder Society

20th International Congress of Parkinson's Disease and Movement Disorders

JUNE 19-23, 2016 • BERLIN, GERMANY

Save the Date

www.mdscongress2016.org



IMPORTANT DATES

January 7, 2016 Abstract Submission Closes

April 15, 2016 Early Registration Deadline

May 18, 2016 Final Pre-Registration Deadline