



International Parkinson and
Movement Disorder Society

2015-17 MDS Global and Regional Support Opportunities

Industry partners enable the International Parkinson and Movement Disorder Society (MDS) to educate more than 11,000 physicians and other health care professionals each year. This prospectus shares the Society's upcoming educational and research activities, showing the range of MDS programming. We hope that you will identify those specific projects that will best forward your objectives.

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European Section:

Infusion Therapy: Lund, Sweden, February 17-18, 2016; Venice, Italy, April 4-5, 2016; Vienna, Austria, November 2016; and Bucharest, Romania, April 2017

5th MDS-ES Winter School for Young Neurologists, Aarhus, Denmark, February 26-28, 2016

Sleep in Movement Disorders, Innsbruck, Austria, July 7-8, 2016

9th MDS-ES Summer School for Young Neurologists, Lisbon, Portugal, July 2016

Allied Health Professionals School, Leuven, Belgium, September 8-10, 2016

Advanced Deep Brain Stimulation, Wurzburg, Germany, October 6-7, 2016

Myoclonus and other Jerks, Groningen, Netherlands, October 2016

Pan-American Section:

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

Parkinson's Disease and Other Movement Disorders: A Practical Approach, Houston, TX, May 21, 2016

26th Annual Comprehensive Review of Movement Disorders for the Clinical Practitioner, Aspen, CO, July 31-August 4, 2016

MDS-PAS School for Young Neurologists, Location and Date TBD

Allied Team Training for Parkinson's Disease (ATTP), Columbus, OH, Date TBD

MDS-PAS School for Young Neurologists, Quito, Ecuador, Date TBD

Research Projects

Society committees, task forces and special interest groups pursue projects to further the Movement Disorders field. Sponsors will be acknowledged on any articles published as a result of the project.

MDS Scale on Psychosis in Parkinson's disease

This study will develop a validated rating scale for Parkinson's Disease Psychosis (PDP) employing best clinimetrics practices. Currently, we conceptualize this new scale as a severity measure; however, it may incorporate a diagnostic measure as well. Best clinimetrics practices include: using a modified Delphi approach and focus group methods for definition of the domains of importance and specific scale items to assess PDP; cognitive pretesting of potential items to identify problematic wording and logical structure at the item level; and assessment of reliability and validity of the assessment method at the scale level. To accomplish this goal, we propose the following study aims:

1. Identify the domains of interest and potential scale items that could be used to assess PDP.
2. Perform cognitive pretesting on the proposed scale items to determine clarity, comfort, and ease of use for raters and patients/caregivers in using the scale items.
3. Conduct clinimetrics investigations of the optimized rating scale and individual scale items for PDP in a cohort of patients demonstrating a range of psychotic symptoms.

Glenn Stebbins, Ph.D. of Rush University is the primary investigator of the two-year project. MDS is seeking \$500,000 for the initial steps of the project.

Development of a Resource Utilization Questionnaire for Patients with Parkinson's disease and Their Caregivers (MDS-RU-PD)

Currently no validated instrument/model exists to evaluate the resource use and costs associated with patients with Parkinson's disease. The data from different health economic evaluations and cost of illness studies vary considerably, limiting exact conclusions that can be drawn from such results. One reason for the considerable discrepancies in available cost data on Parkinson's disease, and in general, in the health economic literature stems from the methods for collecting data differ substantially within and between countries.

A team consisting of health economists, Movement Disorders specialists, psychologists, and statisticians with significant experience in their respective area will develop a new scale including medical, nonmedical, indirect and intangible costs. The scale will initially be developed and validated in German and English. The resulting scale will then be validated by trial in ten countries. Translation into additional languages is possible upon completion. The effort will be led by Prof. Richard Dodel of University Marburg and Dr. Anette Schrag of University College London. We are seeking a multiple funders for the project's total budget of \$820,000 USD.

Analysis of Non-English Translations of the MDS-Unified Parkinson's disease Rating Scale The MDS-UPDRS was developed by the Society to be a comprehensive clinical rating scale covering motor and non-motor elements of Parkinson's disease (PD) and has been designated by the NIH Common Data Elements as the recommended scale for the overall assessment of PD. In the development of new treatments for PD, large-scale clinical trials are required by regulatory agencies. Most trials involve multiple countries and languages, and although originally written and tested in English, the clinimetric program for MDS-UPDRS includes a process to provide validated non-English translations for crosscultural and cross-language clinical trials. To date, nine non-English versions are officially validated and 13 other programs are in the testing stage.

By analyzing the official non-English translations of the MDS-UPDRS, this project will identify different translation "packages" which provide the best combination of languages and subject demographics to decrease measurement error and increase sensitivity to change. It will also provide a data-driven set of specific guidelines for researchers using the MDS-UPDRS on how to resolve inadvertent missing values without loss of useful total scores of each part of the MDS-UPDRS. This project is led by Barbara Tilley, PhD, Sheng Lou, PhD and Lu Wang (University of Texas); Nancy LaPelle (Massachusetts); and Christopher Goetz, MD and Glenn Stebbins, PhD (Rush University). We are seeking a single funder for the project's total budget of \$100,000 USD.

Pilot Study of the MDS–Non-Motor Symptoms Scale (MDS-NMSS)

MDS is seeking to revise the NMSS Scale developed in 2006. Taking into account:

1. The use of NMSS in clinical trials and clinical practice.
2. The experience of clinical raters who have used the NMSS in relation to the use of individual questions contained within the NMSS.
3. Feedback from patient groups in relation to the use of NMSS in "real life".
4. Experience of correlation of NMSS items flagged in NMS questionnaire (NMSQ).

Based on this review, a revised scale will be written in English and translated to Italian, German and Spanish. The scale will be tested on a total of 168 patients and 63 control subjects at 21 locations in 7 countries. After analyzing the data, the developers will make decisions for changes according to results for obtaining the definitive MDS-NMSS to be validated in a further study.

This project is led by K. Ray Chaudhuri (King's College Hospital), Pablo Martinez-Martin (Carlos III Institute of Health), Anette Schrag (Royal Free and University College), and Dan Weintraub (University of Pennsylvania). We are seeking a single funder for the project's total budget of \$300,000 USD.

Industry Resources on the MDS Website

Reach physicians, researchers or patients by placing an educational resource on the Industry Resources page of the MDS website. Examples include referral criteria and tools or clinical trial results. We are seeking multiple sponsors at \$50,000 USD each to include their resource for one year.

MDS LEAP Program: International Leaders Program for Young Neurologists

The LEAP Program supports the growth, development and success of young movement disorder specialists while preparing them to contribute to the goals and objectives of MDS. We will accomplish this by teaching the principles of leadership to twelve young movement disorder specialists across the globe and pairing them with a mentor. We are seeking multiple funders at \$10,000-\$20,000 USD each.

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

Berlin, Germany June 19-23, 2016 www.mdscongress2016.org

The 20th International Congress will be held June 19-23, 2016, in Berlin, Germany. There are opportunities for supporting scientific sessions (CME bearing), as well as exhibiting and holding corporate satellite symposia (non-CME bearing). Special sponsorship opportunities for companies with products which use technology to diagnose movement disorders or conduct clinical trials are available.

Download the Congress sponsorship & exhibiting prospectus at
<http://www.mdscongress2016.org/Congress-2016/SupportExhibit.htm>

Computer-Based Education

Computer-based education programs enable participants to receive Continuing Medical Education (CME) credit while learning from leading clinicians without leaving their home or office. MDS members may take modules without cost as a member benefit and non-members may purchase individual sessions. We are seeking multiple funders at \$50,000 or more. Sponsors will be acknowledged on marketing materials and the computer-based education program homepage.

Regional Courses (sorted by date)

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

The School for Young Neurologists is an interactive teaching course for theoretical and practical education with access to patients with a wide variety of movement disorders. The course includes lectures on basic topics of movement disorders, hands-on examination of patients, brain sections, and video case presentations. Participants of previous Schools report that the experience has been influential on their career.

- The intended audience includes young neurologists within five years of completion of general neurological training who are interested in specializing in Movement Disorders, and young neurologists who are already training in Movement Disorders.
- The number of attendees will be capped at 48.
- Sponsorship is sought from multiple sponsors in the amount of \$10,000 each.

Infusion Therapy: Lund, Sweden, February 17-18, 2016; Venice, Italy, April 4-5, 2016; Vienna, Austria, November 2016; and Bucharest, Romania, April 2017

This course series provides the theoretical education and practical experience in the management of pump-based treatments for advanced Parkinson's disease (Levodopa-carbidopa intestinal gel and apomorphine). It includes lectures on history, experimental basis, patient selection, effects, side effects and practical management, as well as, interactive workshops on patient selection and practical management.

- The intended audience is Neurologists, Gastroenterologists and Parkinson nurses from Europe, North Africa and Middle Eastern countries. The course will be presented four times to be geographically accessible to health care professionals throughout the continent.
- We anticipate 50 participants at each of the four course locations.
- Support is sought from multiple sponsors in the amount of \$25,000 or more each.

MDS-ES Winter School for Young Neurologists, Aarhus, Denmark, February 26-28, 2016

The 5th Annual MDS-ES Winter School for Young Neurologists is an interactive teaching course for theoretical and practical education with access to patients with a wide variety of movement disorders. The course includes lectures on basic topics of movement disorders, hands-on examination of patients, brain sections, and video case presentations. Participants of previous Schools report that the experience has been influential on their career.

- The intended audience includes young neurologists within five years of completion of general neurological training who are interested in specializing in Movement Disorders, and young neurologists who are already training in Movement Disorders.
- The number of attendees will be capped at 48.
- Sponsorship is sought from multiple sponsors in the amount of €10,000 each.

Rising Stars of the AOS, Manila, Philippines, March 10, 2016

Rising Stars of the AOS will promote international collaboration between emerging leaders in clinical and scientific research aspects of movement disorders. Invited Faculty will present a series of short lectures that will cover that latest approach to the clinical practice and evaluation of patients with PD or other movement disorders, use of clinical rating scales, basic scientific

methods and electrophysiology. The course will help young clinicians and scientists (“Rising Stars”) launch their careers in Movement Disorders.

- The intended audience includes clinicians and scientists early in their career.
- The number of attendees will be capped at 25.
- Sponsorship is sought from multiple sponsors in the amount of \$5,000 each.

5th Asian and Oceanian Parkinson’s Disease and Movement Disorders Congress, Manila, Philippines, March 11-13, 2016 www.aopmc2016.org/AOPMC-2016.htm

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.

- The target audience is doctors, researchers, and healthcare professionals from the region, many of whom have not had the opportunity to attend the International MDS Congresses.
- We anticipate 800 delegates from throughout the Region.
- Sponsorship and marketing opportunities range from \$3,000 to \$50,000 USD and are sought from multiple sources. Recognition varies depending on funding level.

Parkinson’s Disease and Other Movement Disorders: A Practical Approach, Houston, TX, USA, May 21, 2016

This course will provide *general practitioners* an overview of movement disorders and practical approaches for the evaluation and management of common movement disorders.

- The intended audience includes internists, family practitioners and advanced practice providers (nurse practitioners and physician assistants) caring for patients with hypo- and/or hyperkinetic movement disorders.
- The anticipated number of attendees is 100.
- Sponsorship is sought from multiple sponsors in the amount of \$5,000 each.

Sleep in Movement Disorders, Innsbruck, Austria; July 7-8, 2016

This course will cover the main and most common sleep problems associated with movement disorders through interactive and practical teaching sessions given by sleep and movement disorders specialists. This two day teaching course will include interviews with real patients, review of polysomnograms and recording a nocturnal polysomnography and multiple sleep latency test the following morning.

- The intended audience includes Movement Disorder specialists, general neurologists and trainees who want to become more familiar with sleep problems.
- Participation will be capped at 30.
- Support is sought from multiple sponsors in the amount of \$12,000 USD each.

9th MDS-ES Summer School for Young Neurologists, Lisbon, Portugal, July 15-16, 2016

The 9th Annual MDS-ES Summer School for Young Neurologists is an interactive teaching course for theoretical and practical education with access to patients with a wide variety of movement disorders. The course includes lectures on basic topics of movement disorders, hands-on examination of patients, brain sections, and video case presentations. Participants of previous Schools report that the experience has been influential on their career.

- The intended audience includes young neurologists within five years of completion of general neurological training who are interested in specializing in Movement Disorders, and young neurologists who are already training in Movement Disorders.
- The number of attendees will be capped at 48.
- Sponsorship is sought from multiple sponsors in the amount of €10,000 each.

26th Annual Comprehensive Review of Movement Disorders for the Clinical Practitioner, Aspen, CO, July 31-August 4, 2016

Previously presented by the Columbia University College of Physicians and Surgeons, MDS has assumed responsibility for this highly respected course which prepares participants to diagnose and treat Parkinson's disease, dyskinesia and psychogenic movement disorders.

- The target audience is general neurologists, neurology residents and other health professionals who wish to enhance their knowledge of movement disorders.
- We anticipate 175 participants.
- Sponsorship is sought from multiple sponsors at various levels.

Allied Health Professionals School, Leuven, Belgium, September 8-10, 2016

The Allied Health Professionals School was developed in 2013 to further increase Parkinson-specific expertise among physiotherapists throughout Europe, through interactions with experts in the field and each other. It will be taught by an MDS-ES international faculty of senior movement disorder specialists.

- The intended audience is physiotherapists who already have some experience with the management of Parkinson's disease and are interested in further education and collaboration.
- The anticipated number of attendees is 48.
- Support is sought from multiple sponsors in the amount of \$2,500 USD or more each.

Advanced Deep Brain Stimulation for Movement Disorders, Wurzburg, Germany, October 6-7, 2016

This course will instruct general neurologists 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 presentations will also discuss the selection criteria for surgery, which is necessary to consult appropriate candidates and to refer these patients to surgical centers.

- The intended audience is movement disorder specialists, general neurologists and trainees who want to be more involved in the selection or post-operative management of patients treated by deep brain stimulation surgery
- The number of attendees will be capped at 50.
- Sponsorship is sought from multiple sponsors in the amount of \$10,000 USD per course.

Myoclonus and other Jerks, Groningen, Netherlands, October 2016

This conference features an internationally-renowned faculty of researchers, scientists and clinicians who will highlight the clinical spectrum, pathophysiology, genetic aspects and treatment options of jerky movements in both adults and children. Participants will improve their ability to define the type of involuntary movement, as well as the broad underlying causation given in both acquired and genetically determined disorders.

- We anticipate 150 participants
- Sponsorship is sought from multiple sponsors at various levels.

3rd Middle East Camp for Parkinson's, Movement Disorders and Neuromodulation: From neurodegeneration to neuroregeneration, Cairo, Egypt, November 2016

The 3rd Middle East Camp for Parkinson's, Movement Disorders and Neuromodulation builds on the previous two successful Middle East Camps that took place in Dubai. The course is intended to provide up to date discussions on Parkinson's disease and other movement disorders and all available advance therapies in the field.

- The target audience is general neurologists, geriatricians, neurosurgeons, allied health professionals and neurologists-in-training from throughout North Africa and the Middle East.
- Sponsorship is sought from multiple sources ranging from \$20,000 to \$50,000 USD.
- Recognition varies depending on funding level.

Courses with Dates to be Determined

Allied Team Training for Parkinson's Disease (ATTP), Atlanta, GA, late fall 2016

A collaboration with the MDS-PAS and the National Parkinson's Foundation (NPF), the Allied Team Training for Parkinson's Disease helps teams of care givers to increase knowledge of Parkinson's disease and build capacity for comprehensive inter-professional care in the treatment of Parkinson's disease.

- The target audience includes physicians, nurses, social workers, physical therapists and speech pathologists.
- We anticipate 120 participants.
- Sponsorship is sought from multiple sponsors at various levels.

MDS-PAS School for Young Neurologists, Location and Date TBD

The School for Young Neurologists is an interactive teaching course for theoretical and practical education with access to patients with a wide variety of movement disorders. The course includes lectures on basic topics of movement disorders, hands-on examination of patients, brain sections, and video case presentations. Participants of previous Schools report that the experience has been influential on their career.

- The intended audience includes young neurologists within five years of completion of general neurological training who are interested in specializing in Movement Disorders, and young neurologists who are already training in Movement Disorders.
- The number of attendees will be capped at 48.
- Sponsorship is sought from multiple sponsors in the amount of \$10,000 each.

MDS-AOS Basic Scientist Summer School, Jiangsu, Peoples Republic of China, Date TBD

The Basic Scientists Summer School will provide the next generation of basic scientists and young clinicians with the latest advances of preclinical disciplines in movement disorders. The goal of this course is to create a common language and generate ideas that will allow development of new translational projects developed by the next generation of researchers in movement disorders.

- The intended audience is young neurology residents, movement disorders fellows, graduate students, post-doctoral students and junior scientists all less than 40 years old.
- The anticipated number of participants is 80.
- Support is sought from multiple sponsors.