2014-2015 MDS Regional and Global Support Opportunities Prospectus

Industry partners enable the International Parkinson and Movement Disorder Society (MDS) to educate approximately 10,000 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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Opportunities at a Glance:

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- 2nd Middle East Camp for Parkinson’s, Movement Disorders and Neuromodulation: From neurodegeneration to neuroregeneration, Doha, Qatar, January 29-31, 2015
- Deep Brain Stimulation for Movement Disorders, Seoul, South Korea, March 13-14, 2015
- The China Continuing Education Classes for Parkinson and Movement Disorders, Hangzhou, China, April 11-12, 2015

European Section:
- Deep Brain Stimulation for Movement Disorders:
  - Milan, Italy December 5-6, 2014
  - Barcelona, Spain March 5-6, 2015
  - Grenoble, France September 10-11, 2015
- Movement Disorders and Sleep:
  - Barcelona, Spain January 30-31, 2015
  - Innsbruck, Austria July 2015
- Alpha-Synuclein: The Gateway to Parkinsonism, Innsbruck, Austria, February 11-13, 2015
- Bridges and Boundaries in Movement Disorders: The Role of Neuroimaging, Pisa, Italy, March 20-21, 2015
- Teaching Course on Diagnosis and Treatment of Cognitive Dysfunction in Movement Disorders, Newcastle upon Tyne, UK, Spring 2015
- Botulinum Toxin in Neurological Practice, Milan, Italy, May 2015
- 8th Annual MDS-ES Summer School for Young Neurologists, Prague, Czech Republic, July 2015
Pan-American Section:

MDS-PAS School for Young Neurologists, Atlanta, GA, USA, February 21-22, 2015

Evidence Based Medicine Updates on Treatments for Parkinson’s Disease, Salvador da Bahia, Brazil, March 13, 2015

Fostering new directions in Parkinson's Research: A movement disorders course for graduate students, post docs and junior scientists, White Plains, NY, USA, May 4-9, 2015

Funding Opportunities Under Development (page 9):

Deep Brain Stimulation for Movement Disorders, Miami, FL, USA 2015

Parkinson and Movement Disorders Course, Puerto Rico, 2015

Management of Non-Motor Problems in Parkinson’s disease, London, UK
Society committees, task forces and special interest groups pursue projects to further the field of Movement Disorders. We are currently seeking funding for four projects. 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 Clinimetric Practices. Currently, we conceptualize this new scale as a severity measure; however, it may incorporate a diagnostic measure as well. Best Clinimetric 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 clinimetric 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, non-medical, 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 cross-cultural 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 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.

**MDS LEAP Program: International Leaders Program for Young Neurologists**

The LEAP Program will support 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 $20,000 USD each.

**19th International Congress on Parkinson's Disease and Movement Disorders**

San Diego, CA, USA, June 14-18, 2015  [www.mdscongress2015.org](http://www.mdscongress2015.org)

Celebrating the 25th anniversary of the first International Congress, The 19th International Congress on Parkinson's disease and Movement Disorders will be held June 14-18, 2015, in San Diego, CA, USA. There are opportunities for supporting scientific sessions (CME bearing), as well as exhibiting and holding corporate satellite symposia (non-CME bearing). For information on Congress sponsorship opportunities please contact Joel Rittle at jrittle@movementdisorders.org.
**Regional Courses**

*Deep Brain Stimulation for Movement Disorders, Milan: December 5-6, 2014; Barcelona: March 5-6, 2015; and Grenoble: September 10-11, 2015*

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 or $35,000 USD for the series.

*Movement Disorders and Sleep, Barcelona, Spain, January 30-31, 2015 and Innsbruck, Austria, July 2015*

This course will inform clinicians about 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 polysonograms 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 $5,000 USD each.

*2nd Middle East Camp for Parkinson's, Movement Disorders and Neuromodulation: From neurodegeneration to neuroregeneration, Doha, Qatar, January 29-31, 2015*

The 2nd Middle East Camp for Parkinson's, Movement Disorders and Neuromodulation builds on the successful 1st Middle East Camp that took place in Dubai in 2014. 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 the Middle East.
- Sponsorship is sought from multiple sources ranging from $20,000 to $50,000 USD.
- Recognition varies depending on funding level.
**Alpha-Synuclein: The Gateway to Parkinsonism, Innsbruck, Austria; February 11-13, 2015**
This conference features an internationally renowned faculty of researchers, scientists and clinicians who will present on alpha-synuclein related to Parkinson’s disease and parkinsonism during this three-day event. The first day’s sessions will highlight genetics and environment as it is linked to alpha-synuclein, advances in PD biomarkers and non-motor aspects of Parkinson’s disease. The second day will address intracellular disruption by alpha-synuclein, extracellular alpha-synuclein, and multiple system atrophy; while the third day will discuss emerging therapies. Each session will include a roundtable discussion where participants will interact with the session’s faculty members and ask pressing questions. In addition, participants are invited to submit abstracts for a poster presentation on the second day.
- The target audience is neuroscientists and movement disorder neurologists with an interest in alpha-synucleinopathies such as Parkinson’s disease and multiple system atrophy.
- The anticipated number of participants is 100.
- Sponsorship is sought from multiple sources in the amount of $5,000 USD each.

**MDS-PAS School for Young Neurologists, Atlanta, GA, USA, February 21-22, 2015**
Modeled on the very successful MDS-European Section Summer and Winter Schools, this is an extensive, interactive course for young neurologists from the MDS Pan American Section, offering a unique opportunity for hands-on examination of a wide variety of patients with movement disorders, overseen by a faculty of international experts in the field of Movement Disorders.
- 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 limited to 48.
- Sponsorship is sought from multiple sponsors in the amount of $12,000 USD each.

**MDS-ES Winter School for Young Neurologists, Tel Aviv, Israel, February 25-27, 2015**
The 4th 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. By the feedback received from participants, the previous Summer and Winter Schools have been influential for young neurologists.
- 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.

**Deep Brain Stimulation for Movement Disorders, Seoul, South Korea, March 13-14, 2015**
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. It will also discuss the selection criteria for surgery 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.
Evidence Based Medicine Update on Treatments for Parkinson's disease, Salvador da Bahia, Brazil, March 13, 2015

The course will outline the concept of EBM and then present the findings from the recent reviews. This will be followed by case scenarios thereby putting the theory into practice.

- The intended audience includes movement disorder specialists, general neurologists, geriatricians, neurosurgeons, neurologists in training and non-physician health professionals.
- The anticipated number of participants is 100.
- Support is sought from multiple sponsors in the amount of $10,000 USD each.

Bridges and Boundaries in Movement Disorders: The Role of Neuroimaging, Pisa, Italy March 20-21, 2015

This workshop will introduce participants to the potential of nuclear medicine approaches to measure the dopamine transporter, dopamine receptors and protein aggregation in neurological practice. Participants will learn various methods of neuroimaging, including how neuroimaging can aid differential diagnosis, PET and SPECT studies in parkinsonisms, in parkinson-dementia, transcranial ultrasound, and conventional and advanced MRI in parkinsonisms. The course presenters will also review essential and parkinsonian tremor, the compensatory phenomena in the premotor phase of Parkinson's disease and multimodal imaging in Huntington's chorea. The course will conclude with a recap of lessons learned from neuroimaging.

- The intended audience includes specialists in neurology, nuclear medicine, radiology, clinicians and researchers interested in brain imaging.
- The number of attendees will be capped at 50.
- Sponsorship is sought from multiple sponsors in the amount of €10,000 each.

The China Continuing Education Classes for Parkinson and Movement Disorders, Hangzhou, China, April 2015

The China Continuing Education Classes for Parkinson and Movement Disorders will be an interactive teaching course for theoretical and practical education. The Course includes plenary lectures on various movement disorders topics, smaller interactive parallel sessions, hands-on examination of patients, and video case presentations.

- The intended audience includes young neurologists within five years of their 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 50.
- Sponsorship is sought from multiple sponsors in the amount of $15,000 to $30,000 USD.

Botulinum Toxin Training for Neurological Diseases, Milan, Italy, May 2015

Despite increasingly widespread use of botulinum toxins for rehabilitation and neurological and other disorders, there are no recognized or widely available training schemes in most European countries. Although European guidelines recommend formal training, available training is rarely organized by non-pharmaceutical entities. MDS developed this course to address that gap. The Faculty will be experts from the European Section, and the educational design includes lectures followed by smaller workshops, and demonstration with simulators.

- The intended audience includes medical practitioners, specialist nurse practitioners, and other paramedical equivalents in the relevant fields with a working knowledge of the diagnosis and general management of the various conditions.
- The anticipated number of attendees is 35.
- Support is sought from multiple sponsors in the amount of $12,000 USD each.
MDS-ES Summer School for Young Neurologists, Prague, Czech Republic, July 2015
Modeled on the very successful previous MDS-European Section Summer and Winter Schools, this is an extensive, interactive course for young neurologists, offering a unique opportunity for hands-on examination of a wide variety of patients with movement disorders, overseen by a faculty of international experts in the field of Movement Disorders.
- 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.

Teaching Course on Diagnosis and Treatment of Cognitive Dysfunction in Movement Disorders, Newcastle upon Tyne, UK, dates TBD
This course will address cognitive and neuropsychiatric issues that occur in movement disorder patients and to discuss the best approaches to detect and manage these problems. An international panel of experts in cognitive and behavioral neuroscience will present lectures and smaller interactive workshops on cognitive impairment in Parkinson's disease and other movement disorders, biomarkers, neuropsychiatric, clinical and pathological features, imaging, and current and future treatments.
- The intended audience includes neurologists, geriatricians & neuropsychologists
- Registration will be capped at 60 participants.
- Sponsorship is sought from multiple sponsors at various levels.

Fostering new directions in Parkinson’s Research: A movement disorders course for graduate students, post docs and junior scientists, White Plains, NY, USA, May 4-9, 2015
This course is designed to confront the next generation of basic scientists with clinical realities, and young clinicians with the latest advances in preclinical disciplines in movement disorders. The aim 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. All teachers will stay for the whole meeting and interact with the students during breaks and lunches.
- The audience will consist of young (less than 35 years old) post-doctoral students in neuroscience or third year doctoral students with at least one paper published or accepted as first author, and young neurologists interested in neurosciences with a least one paper published or accepted as first author.
- The course registration will be capped at 28.
- Sponsorship is sought from multiple sponsors in the amount of $10,000 USD each.

Funding Opportunities Under Development
Deep Brain Stimulation for Movement Disorders, Miami, FL, USA 2015
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. It will also discuss the selection criteria for surgery necessary to consult appropriate candidates and to refer these patients to surgical centers.

Parkinson and Movement Disorders Course, Puerto Rico, 2015
This course will provide an overview of Movement Disorders and a clinical approach for the evaluation and management of common Movement Disorders. It is based upon the MDS Parkinson and Movement Disorders (PMD) Curriculum.

Course in development with more details to follow.