2019 New Frontiers in the Diagnosis and Management of Movement Disorders

Saturday, November 16
Northwestern Memorial Hospital
251 E. Huron Street, Feinberg Pavilion
Third Floor, Conference Room A
Chicago, Illinois
7:15 am to 5:00 pm

Sponsored by Northwestern Medicine
Parkinson’s Disease and Movement Disorders Center

REGISTER ONLINE: cme.northwestern.edu
There have been considerable advances in our understanding of Parkinson’s disease, which have affected the management of both motor and non-motor symptoms. For the first time, newer therapies in the pipeline are attempting to modify the disease and not just address the symptoms. This biennial program will provide the latest advances in the field of neurodegenerative diseases, with respect to diagnosis, treatment and management. While the emphasis will be on Parkinson’s disease, the most common neurodegenerative movement disorder, other diseases will be discussed, including ataxias and Huntington’s disease.

The meeting format will encourage discussion among the audience and interaction with the speakers. There will be didactic lectures, two parallel tracks, and an interactive working lunch. We are privileged to welcome distinguished guest speaker, Tatiana Foroud, PhD, Joe C. Christian Professor and Chair, Distinguished Professor and Chancellor’s Professor, Department of Medical and Molecular Genetics, Indiana University School of Medicine. We hope you will join the Northwestern faculty and Dr. Tatiana Foroud on Saturday, November 16, for an engaging discussion.

**PROGRAM OBJECTIVES**

After attending this educational activity, participants should be able to:

1) Discuss and apply diagnostic criteria for Parkinson’s disease.
2) Identify and appropriately recommend available disease modifying treatment in Parkinson’s disease.
3) Identify and appropriately recommend treatment options for early and advanced Parkinson’s disease.
4) Explain how to diagnosis and manage ataxia.
5) Review new surgical options for management of movement disorders.
6) Demonstrate when to consult specialists for patients with Huntington’s disease.
7) Consult allied healthcare professionals appropriately in the management of patients with Parkinson’s disease and other movement disorders.
8) Summarize current state-of-the-field in the diagnosis and experimental therapeutics of dementias in the context of movement disorders.

For more information, please contact Sarah Baggs, Continuing Medical Education Administrator, at Northwestern Memorial HealthCare, at sbaggs@nm.org

**Family Attractions**

Northwestern Memorial Hospital is located in the heart of Chicago, within walking distance of a variety of restaurants, Navy Pier and the Magnificent Mile, Chicago’s premier shopping area. For a listing of all Chicago has to offer, visit cityofchicago.org.
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tr>
<td>7:15 am</td>
<td>Breakfast and Registration</td>
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<tr>
<td>8:00 am</td>
<td>Welcome</td>
<td>Puneet Opal, MD, PhD</td>
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<tr>
<td>8:10 am</td>
<td>Movement Disorders: Translating Basic Science</td>
<td>Dimitri Krainc, MD, PhD</td>
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<tr>
<td>8:40 am</td>
<td>Overview of Parkinson's Disease Genetics: Common Mutations, Variation in Geographic Prevalence and Penetrance</td>
<td>Tatiana Foroud, PhD</td>
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<tr>
<td>9:20 am</td>
<td>How Can Genetic Testing Inform Patient Care?</td>
<td>Niccolo Mencacci, MD, PhD</td>
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<td>9:50 am</td>
<td>Parkinson's Disease: What is New in the Diagnosis, Neuroprotective Trials and Early Disease Management?</td>
<td>Tanya Simuni, MD</td>
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<tr>
<td>10:20 am</td>
<td>Break</td>
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<tr>
<td>10:40 am</td>
<td>New Frontiers in the Management of Advanced Parkinson's Disease</td>
<td>Avram Y. Fraint, MD, MS</td>
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<td>11:10 am</td>
<td>Management of Non-Motor Manifestations of Parkinson's Disease</td>
<td>Danny Bega, MD, MSCI</td>
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<tr>
<td>11:40 am</td>
<td>Beyond Parkinson's Disease: What Can We Offer Patients with Multiple System Atrophy and Progressive Supranuclear Palsy?</td>
<td>Tanya Simuni, MD</td>
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<td>12:10 pm</td>
<td>Neurodegenerative Dementias: Classification and Latest Clinical Trials</td>
<td>Jennifer G. Goldman, MD, MS</td>
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<td>12:40 pm</td>
<td>Round Table Discussion and Working Lunch</td>
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<tr>
<td>1:30 pm</td>
<td>Evaluation and Management of Ataxia</td>
<td>Puneet Opal, MD, PhD</td>
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<td>2:00 pm</td>
<td>Huntington's Disease and Other Choreas</td>
<td>Danny Bega, MD, MSCI</td>
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<td>2:30 pm</td>
<td>Functional Movement Disorders</td>
<td>Kathrin LaFaver, MD</td>
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<td>3:00 pm</td>
<td>New Frontiers in Surgical Management of Movement Disorders</td>
<td>Joshua M. Rosenow, MD</td>
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<tr>
<td>1:30 pm</td>
<td>How Can We Improve the Lives of Patients with Movement Disorders: An Interdisciplinary and Neurorehabilitation Approach</td>
<td>Jennifer G. Goldman, MD, MS</td>
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<tr>
<td>2:00 pm</td>
<td>Physical Therapy for PD: When, What and How?</td>
<td>Miriam R. Rafferty, PT, DPT, PhD</td>
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<td>2:30 pm</td>
<td>Speech Therapy for Parkinson’s Disease: When, What and How?</td>
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<td>Kristin Larsen, MA, CCC-SLP, and Angela Roberts, MA-SLP, PhD</td>
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<tr>
<td>3:00 pm</td>
<td>Occupational Therapy for Parkinson’s Disease: When, What and How?</td>
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<td>Uzma Khan, OTR/L</td>
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<td>3:30 pm</td>
<td>Break</td>
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<td><strong>RECONVENE</strong></td>
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<td>3:45 pm</td>
<td>Wearable Devices in Movement Disorders: Research and Clinical Applications</td>
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<td>Arun Jayaraman, PT, PhD</td>
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<td>4:15 pm</td>
<td>Video Cases</td>
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<td>Niccolo Mencacci, MD, PhD, and Faculty</td>
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<tr>
<td>4:45 pm</td>
<td>Q&amp;A Session</td>
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<td>5:00 pm</td>
<td>Adjournment</td>
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Program Course Directors and Planning Committee

Puneet Opal, MD, PhD
Director, Ataxia Clinic
Northwestern Memorial Hospital
Professor, Departments of Neurology and Cell and Molecular Biology
Northwestern University
Feinberg School of Medicine

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Research Scientist,
Shirley Ryan AbilityLab
Assistant Professor, Departments of Physical Medicine & Rehabilitation and Psychiatry & Behavioral Sciences
Northwestern University
Feinberg School of Medicine

Tanya Simuni, MD
Director, Parkinson’s Disease and Movement Disorders Center
Northwestern Memorial Hospital
Arthur C. Nielsen Professor, Department of Neurology
Northwestern University
Feinberg School of Medicine

Invited Faculty

Tatiana Foroud, PhD
Joe C. Christian Professor and Chair
Distinguished Professor and Chancellor’s Professor
Department of Medical and Molecular Genetics
Indiana University School of Medicine

Program Faculty

Danny Bega, MD, MSCI
Assistant Professor,
Department of Neurology
Northwestern University Parkinson’s Disease & Movement Disorders Center
Director, Huntington’s (HDSA) and Wilson’s disease (WDA) Centers of Excellence

Avram Y. Fraint, MD, MS
Health System Clinician,
Department of Neurology
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Feinberg School of Medicine

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Section Chief, Parkinson’s Disease and Movement Disorders
Shirley Ryan AbilityLab
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Director and Business Development Officer, Office of Translational Research
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Research Scientist
Associate Professor, Departments of Physical Medicine & Rehabilitation, Medical School Sciences and Physical Therapy and Human Movement Sciences
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Feinberg School of Medicine

Uzma Khan, OTR/L
Occupational Therapist
Shirley Ryan AbilityLab

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Chair, Department of Neurology
Director, Center for Neurogenetics
Aaron Montgomery Ward Professor, Departments of Neurology, Neurological Surgery and Physiology
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Feinberg School of Medicine

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Speech Language Pathologist
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Angela Roberts MA-SLP, PhD
Assistant Professor
Principal Investigator,
Language and Communication in Aging and Neurodegeneration Research Group
Roxelyn and Richard Pepper Department of Communication Sciences and Disorders, School of Communication
Northwestern University

Joshua M. Rosenow, MD
Director, Functional Neurosurgery and Epilepsy Surgery
Northwestern Memorial Hospital
Professor, Departments of Neurosurgery, Neurology and Physical Medicine & Rehabilitation
Northwestern University
Feinberg School of Medicine
Program Location
The program will be held at Northwestern Memorial’s Feinberg Pavilion, 251 E. Huron Street, Conference Room A, Chicago.

Directions and Parking
Please visit nm.org for directions to the conference. We offer discounted parking in the garage just north of the hospital at 222 E. Huron Street.

Audience
The content of the program is appropriate for healthcare professionals who detect, diagnose, manage and treat Parkinson’s disease and other movement disorders, including physicians, nurses, geneticists, physical therapists, occupational therapists and speech therapists.

Registration Fee
The fee is $100 for attending physicians and $75 for nurses, trainees, PT’s, OT’s, SLP’s and other healthcare professionals. Breakfast, refreshments and lunch are provided. Space is limited. No refunds will be granted after November 1.

Registration Procedure
To register online, please visit cme.northwestern.edu. If paying with check, please mail your check, made payable to Northwestern Memorial Hospital (CME), to the following address, prior to November 1.

Accreditation Statement
The Northwestern University Feinberg School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation Statement
The Northwestern University Feinberg School of Medicine designates this educational activity for a maximum of 7.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Occupational Therapists
This course has been approved for continuing education hours for occupational therapy practitioners by the Illinois Occupational Therapy Association. CE Hours Awarded: 8 Maximum.

Physical Therapists
The Illinois Chapter Continuing Education Committee has certified that this course meets the criteria for approval of Continuing Education offerings established by The Illinois Physical Therapy Association. CE Hours Awarded: 8 Maximum.

This course content is not intended for use by participants outside the scope of their license or regulation.

Sarah Baggs
C/O Northwestern Memorial HealthCare
420 E. Superior Street, Suite 9-905
Chicago, IL 60611
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Registration Form

Registration Category

- Physician ................................................................. $100
- Trainee, nurse, OT, PT, SLP and other healthcare professional ................................. $75

How to Register

- ONLINE: cme.northwestern.edu
- OR MAIL with check (payable to Northwestern Memorial Hospital (CME))

Sarah Baggs
C/o Northwestern Memorial Healthcare
420 E. Superior Street
Suite 9-905
Chicago, IL 60611

For Questions:

Email: sbaggs@nm.org  Phone: 312-503-4005

Please Type or Print

Last Name ____________________________________________ First Name ______________________________________________

- Physician  - Trainee  - Nurse  - OT  - PT  - SLP  - Other

Institution _______________________________________________________________________________________________

Address _________________________________________________________________________________________________

City _____________________________________________________ State ________________________ ZIP Code _______________

E-mail (Required) _________________________________________________________________________________________

Your registration confirmation will be e-mailed

Specialty ________________________________________________________________________________________________

Special Dietary Requirements ____________________________________________ Advance notification required

Disability Accommodations _______________________________________________ Please advise us of your needs

How did you hear about our program?

- Brochure  - Email  - Website  - Twitter  - Word of Mouth  - Previous Attendee

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