



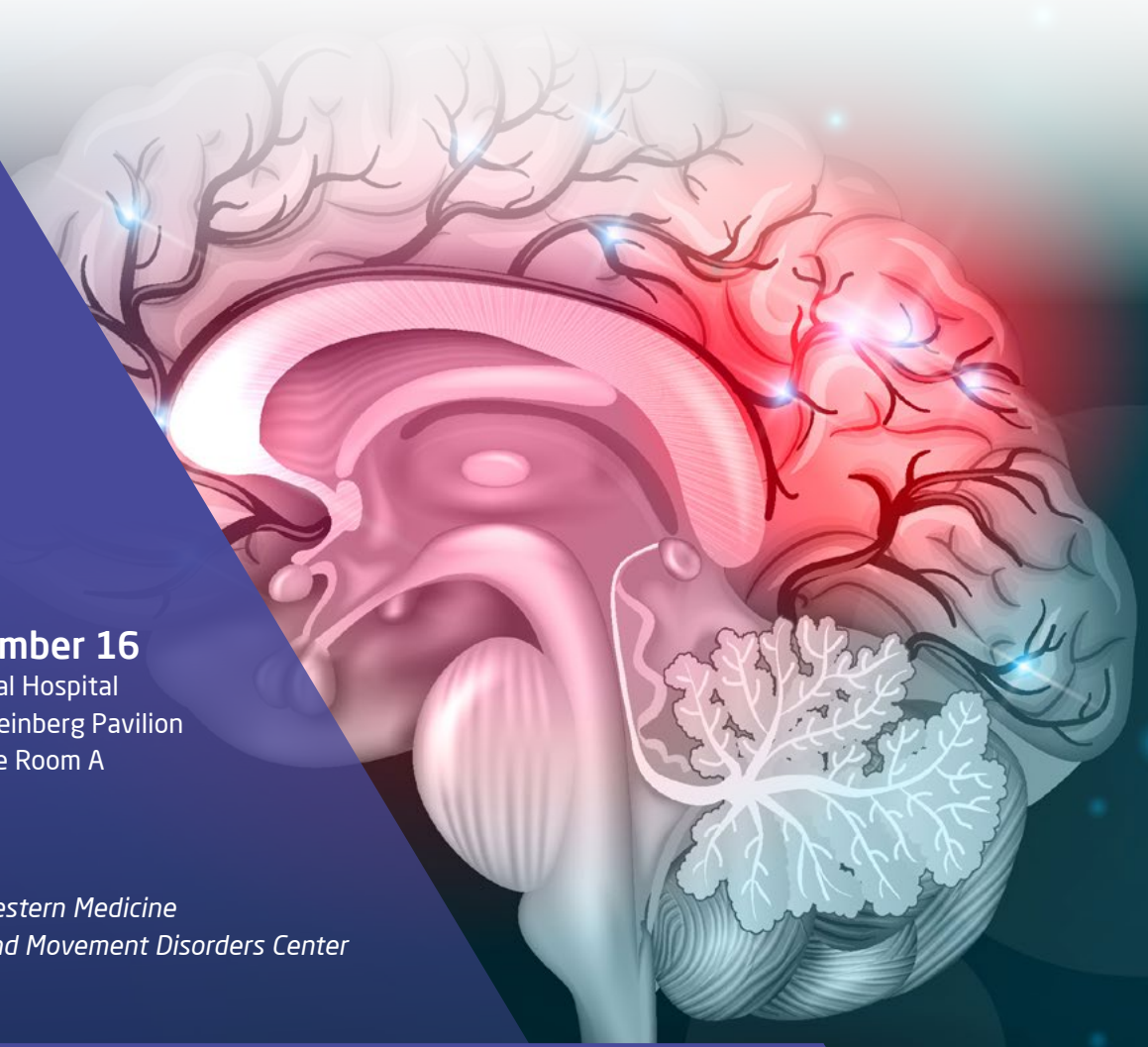
# 2019 New Frontiers in the Diagnosis and Management of Movement Disorders

**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](http://cme.northwestern.edu)**



# 2019 New Frontiers in the Diagnosis and Management of Movement Disorders

**Course Director: Puneet Opal, MD, PhD**

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](mailto: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](http://cityofchicago.org).

# Saturday, November 16

7:15 am	<b>Breakfast and Registration</b>
8:00 am	<b>Welcome</b> <i>Puneet Opal, MD, PhD</i>
8:10 am	<b>Movement Disorders: Translating Basic Science</b> <i>Dimitri Krainc, MD, PhD</i>
8:40 am	<b>Overview of Parkinson's Disease Genetics: Common Mutations, Variation in Geographic Prevalence and Penetrance</b> <i>Tatiana Foroud, PhD</i>
9:20 am	<b>How Can Genetic Testing Inform Patient Care?</b> <i>Niccolo Mencacci, MD, PhD</i>
9:50 am	<b>Parkinson's Disease: What is New in the Diagnosis, Neuroprotective Trials and Early Disease Management?</b> <i>Tanya Simuni, MD</i>
10:20 am	<b>Break</b>
10:40 am	<b>New Frontiers in the Management of Advanced Parkinson's Disease</b> <i>Avram Y. Faint, MD, MS</i>
11:10 am	<b>Management of Non-Motor Manifestations of Parkinson's Disease</b> <i>Danny Bega, MD, MSCI</i>
11:40 am	<b>Beyond Parkinson's Disease: What Can We Offer Patients with Multiple System Atrophy and Progressive Supranuclear Palsy?</b> <i>Tanya Simuni, MD</i>
12:10 pm	<b>Neurodegenerative Dementias: Classification and Latest Clinical Trials</b> <i>Jennifer G. Goldman, MD, MS</i>
12:40 pm	<b>Round Table Discussion and Working Lunch</b>
<b>TRACK A</b>	<b>REVIEW AND UPDATE ON OTHER MOVEMENT DISORDERS</b>
1:30 pm	<b>Evaluation and Management of Ataxia</b> <i>Puneet Opal, MD, PhD</i>
2:00 pm	<b>Huntington's Disease and Other Choreas</b> <i>Danny Bega, MD, MSCI</i>
2:30 pm	<b>Functional Movement Disorders</b> <i>Kathrin LaFaver, MD</i>
3:00 pm	<b>New Frontiers in Surgical Management of Movement Disorders</b> <i>Joshua M. Rosenow, MD</i>
<b>TRACK B</b>	<b>PRACTICAL APPROACH TO EVALUATION AND MANAGEMENT OF MOVEMENT DISORDERS FOR ALLIED HEALTHCARE PROFESSIONALS</b>
1:30 pm	<b>How Can We Improve the Lives of Patients with Movement Disorders: An Interdisciplinary and Neurorehabilitation Approach</b> <i>Jennifer G. Goldman, MD, MS</i>
2:00 pm	<b>Physical Therapy for PD: When, What and How?</b> <i>Miriam R. Rafferty, PT, DPT, PhD</i>

# Saturday, November 16

2:30 pm	<b>Speech Therapy for Parkinson's Disease: When, What and How?</b> <i>Kristin Larsen, MA, CCC-SLP, and Angela Roberts, MA-SLP, PhD</i>
3:00 pm	<b>Occupational Therapy for Parkinson's Disease: When, What and How?</b> <i>Uzma Khan, OTR/L</i>
3:30 pm	<b>Break</b>
<b>RECONVENE</b>	
3:45 pm	<b>Wearable Devices in Movement Disorders: Research and Clinical Applications</b> <i>Arun Jayaraman, PT, PhD</i>
4:15 pm	<b>Video Cases</b> <i>Niccolo Mencacci, MD, PhD, and Faculty</i>
4:45 pm	<b>Q&amp;A Session</b>
5:00 pm	<b>Adjournment</b>



# 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

## **Miriam Rafferty, PT, DPT, PhD**

*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*  
Northwestern University  
Feinberg School of Medicine

### **Jennifer G. Goldman, MD, MS**

*Section Chief, Parkinson's Disease and Movement Disorders*  
Shirley Ryan AbilityLab  
*Professor, Departments of Physical Medicine & Rehabilitation and Neurology*  
Northwestern University  
Feinberg School of Medicine

### **Arun Jayaraman, PT, PhD**

*Director, Max Nader Center for Rehabilitation Technologies and Outcomes Research*  
*Director and Business Development Officer,*  
*Office of Translational Research*  
Shirley Ryan AbilityLab  
*Research Scientist*  
*Associate Professor, Departments of Physical Medicine & Rehabilitation, Medical School Sciences and Physical Therapy and Human Movement Sciences*  
Northwestern University  
Feinberg School of Medicine

### **Uzma Khan, OTR/L**

*Occupational Therapist*  
Shirley Ryan AbilityLab

### **Dimitri Krainc, MD, PhD**

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

### **Kathrin LaFaver, MD**

*Associate Professor,*  
*Department of Neurology*  
Northwestern University  
Feinberg School of Medicine

### **Kristin Larsen, MA, CCC-SLP**

*Assistant Director,*  
*Voice, Speech, and Language Service and Swallowing Center*  
*Senior Lecturer,*  
*Speech Language Pathologist*  
Northwestern University  
School of Communication

### **Niccolo Mencacci, MD, PhD**

*Research Assistant Professor,*  
*Department of Neurology*  
Northwestern University  
Feinberg School of Medicine

### **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](http://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](http://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**.

### Sarah Baggs

c/o Northwestern Memorial HealthCare

420 E. Superior Street, Suite 9-905

Chicago, IL 60611

### 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)*<sup>™</sup>. 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.*

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Saturday,  
November 16


## Registration Form

### Registration Category

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

### How to Register

 **ONLINE:** [cme.northwestern.edu](http://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](mailto:sbaggs@nm.org)

**Phone:** 312-503-4005

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### 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*

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### How did you hear about our program?

Brochure  Email  Website  Twitter  Word of Mouth  Previous Attendee