



# Spinal Innovation in 2018 CME Symposium

**Friday, October 5**

Northwestern Memorial Hospital  
Chicago, Illinois  
8:30 am - 2:00 pm

*Sponsored by Northwestern Medicine*

REGISTER ONLINE: [northwesternspine2018.com](http://northwesternspine2018.com)

# Spinal Innovation in 2018 CME Symposium

**Course Director: Aruna Ganju, MD**

Diseases of the spinal column continue to increase in the 21st century; innovative methods for diagnosis and treatment of these conditions are being utilized with the aging population. Healthcare providers currently have gaps in knowledge and skill related to evaluation and management of traumatic, degenerative, and oncologic diseases of the spinal column. This course will focus on educating providers about emerging surgical options for disorders of the spinal column. Specifically, learners will be able to demonstrate the indications for and value provided by innovative surgical treatment of spinal disorders.

We are honored to have **Nathaniel P. Brooks, MD, Assistant Professor of Neurological Surgery at University of Wisconsin School of Medicine and Public Health**, and **Vincent C. Traynelis, MD, Director of the Neurosurgery Spine Fellowship Program and Professor of Neurological Surgery at Rush University**, join Northwestern experts for an interactive discussion on the delivery of treatment for spinal disease, where current data in regards to the value, efficacy, and outcomes from surgical treatment of spinal disease will be provided.

## PROGRAM OBJECTIVES

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

- 1) Review the changing demographic of the U.S. population and the projected incidence and prevalence of spinal disease in the future.
- 2) Discuss the value of diverse surgical interventions for spinal disease.
- 3) Demonstrate the value of minimally invasive surgical treatment for spondylosis.
- 4) Describe emerging philosophies in sports related spine injuries.
- 5) Review measures that may assist in maintaining spinal column health.
- 6) Identify innovations that may impact spine surgeons.
- 7) Apply technological advances that impact surgical treatment.
- 8) Utilize the medical management of spinal disease.

For more information, please contact **Sarah Baggs**, Continuing Medical Education Administrator, at Northwestern Memorial HealthCare, at **[sbaggs@nm.org](mailto:sbaggs@nm.org)**.

## Friday, October 5

8:30 am	<b>Breakfast and Registration</b>
9:00 am	<b>Welcome</b> <i>Aruna Ganju, MD</i>
9:10 am	<b>Evolution of Cervical Spinal Surgery</b> <i>Vincent C. Traynelis, MD</i>
9:40 am	<b>Controversies in Sports Injuries</b> <i>Wellington K. Hsu, MD</i>
10:10 am	<b>Advances in the Treatment of Craniovertebral Junction Abnormalities</b> <i>Nader S. Dahdaleh, MD</i>
10:40 am	<b>Break</b>
11:00 am	<b>Spine Endoscopy: Past, Present and Future</b> <i>Nathaniel P. Brooks, MD</i>
11:30 am	<b>Ergonomics of Spinal Surgery</b> <i>Aruna Ganju, MD</i>
12:00 pm	<b>Working Lunch Case Discussion—Bring a case to discuss!</b>
1:00 pm	<b>Robotics in Neurosurgery</b> <i>Jean-Paul Wolinsky, MD</i>
1:30 pm	<b>Complication Avoidance in Spinal Surgery</b> <i>Tyler R. Koski, MD</i>
2:00 pm	<b>Closing Comments and Adjournment</b>

# Program Course Director

## **Aruna Ganju, MD**

*Associate Professor of Neurological  
Surgery and Orthopaedic Surgery  
Northwestern University  
Feinberg School of Medicine*

# Guest Faculty

## **Nathaniel P. Brooks, MD**

*Associate Professor  
of Neurological Surgery  
University of Wisconsin School  
of Medicine and Public Health*

## **Vincent C. Traynelis, MD**

*A. Watson Armour and Sarah Armour  
Presidential Professor  
of Rush University  
Vice Chairman, Department  
of Neurosurgery  
Director of Spine Service  
Neurosurgery Residency  
Program Director  
Spine Fellowship Director  
Rush University  
Medical Center*

# Program Faculty

## **Nader S. Dahdaleh, MD**

*Assistant Professor of Neurological  
Surgery and Orthopaedic Surgery  
Associate Residency  
Program Director  
Department of Neurological Surgery  
Northwestern University  
Feinberg School of Medicine*

## **Wellington K. Hsu, MD**

*Clifford C. Raisbeck, MD, Distinguished  
Professor of Orthopaedic Surgery  
Professor of Orthopaedic Surgery  
and Neurological Surgery  
Northwestern University  
Feinberg School of Medicine*

## **Tyler R. Koski, MD**

*Associate Professor of Neurological  
Surgery and Orthopaedic Surgery  
Director of Neurosurgical  
Spine Surgery  
Department of Neurosurgery  
Northwestern University  
Feinberg School of Medicine*

## **Jean-Paul Wolinsky, MD**

*Vice Chairman of Neurosurgery -  
Strategic Planning and Finance  
Director of Spinal Oncology  
Department of Neurosurgery  
Professor of Neurological Surgery  
and Orthopaedic Surgery  
Northwestern University  
Feinberg School of Medicine*



### Program Location

The program will be held at Northwestern Memorial Hospital, 251 East Huron Street, Third Floor, Conference Room A, Chicago.

### Directions and Parking

Please visit [nm.org](http://nm.org) for directions to the conference. We will offer discounted parking in the garage just north of the hospital at 222 E. Huron Street.

### Hotel Accommodations

To make a hotel reservation, please [visit](#) our list of local hotels who offer a discounted rate for Northwestern Medicine visitors. We recommend you make your reservations as soon as possible to ensure accommodations.

### Audience

The content of the program is appropriate for neurosurgeons and orthopaedic surgeons, as well as nurses who treat populations affected by diseases of the spinal column.

### Registration Fee

The fee is \$70 for physicians and \$35 for trainees, nurses and other healthcare professionals. Breakfast, refreshments and lunch are provided. Space is limited. **No refunds after September 21.**

### Registration Procedure

To register online, please visit [northwesternspine2018.com](http://northwesternspine2018.com). If paying with check, please mail your check, made payable to **Northwestern Memorial Hospital (CME)**, to the following address, prior to **September 21**.

**Sarah Baggs**

**c/o Northwestern Memorial HealthCare**

675 North St. Clair Street, Galter 3-104H

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 *4.25 AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Nurses

The American Nurses Credentialing Center (ANCC) and the Illinois Department of Financial and Professional Regulation accept *AMA PRA Category 1 Credits*<sup>™</sup> from organizations accredited by the ACCME for relicensure & recertification requirements. 1 CME credit is equivalent to 1 contact hour. Your certificate of completion, which includes the number of CME credits awarded, is the only documentation required.

### Family Attractions

Northwestern Memorial Hospital is located in the heart of Chicago, within walking distance of a variety of restaurants, public transportation and the Magnificent Mile, Chicago's premier shopping area. For a complete listing of Chicago attractions, visit [choosechicago.com/things-to-do/](http://choosechicago.com/things-to-do/).




# Registration Form

## Registration Category

- ☐ Physician..... \$70  
☐ Trainee, Nurse or Other..... \$35

## How to Register

 **ONLINE:** [northwesternspine2018.com](http://northwesternspine2018.com)

 **OR MAIL** with check (payable to Northwestern Memorial Hospital (CME))

Sarah Baggs  
c/o Northwestern Memorial HealthCare  
675 North St. Clair Street  
Galter 3-104H  
Chicago, IL 60611

## For Questions:

**Email:** [sbaggs@nm.org](mailto:sbaggs@nm.org)

**Phone:** 312-926-7975

---

## Please Type or Print

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Title \_\_\_\_\_

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 ☐ E-mail ☐ Website ☐ Word of Mouth ☐ Previous Attendee