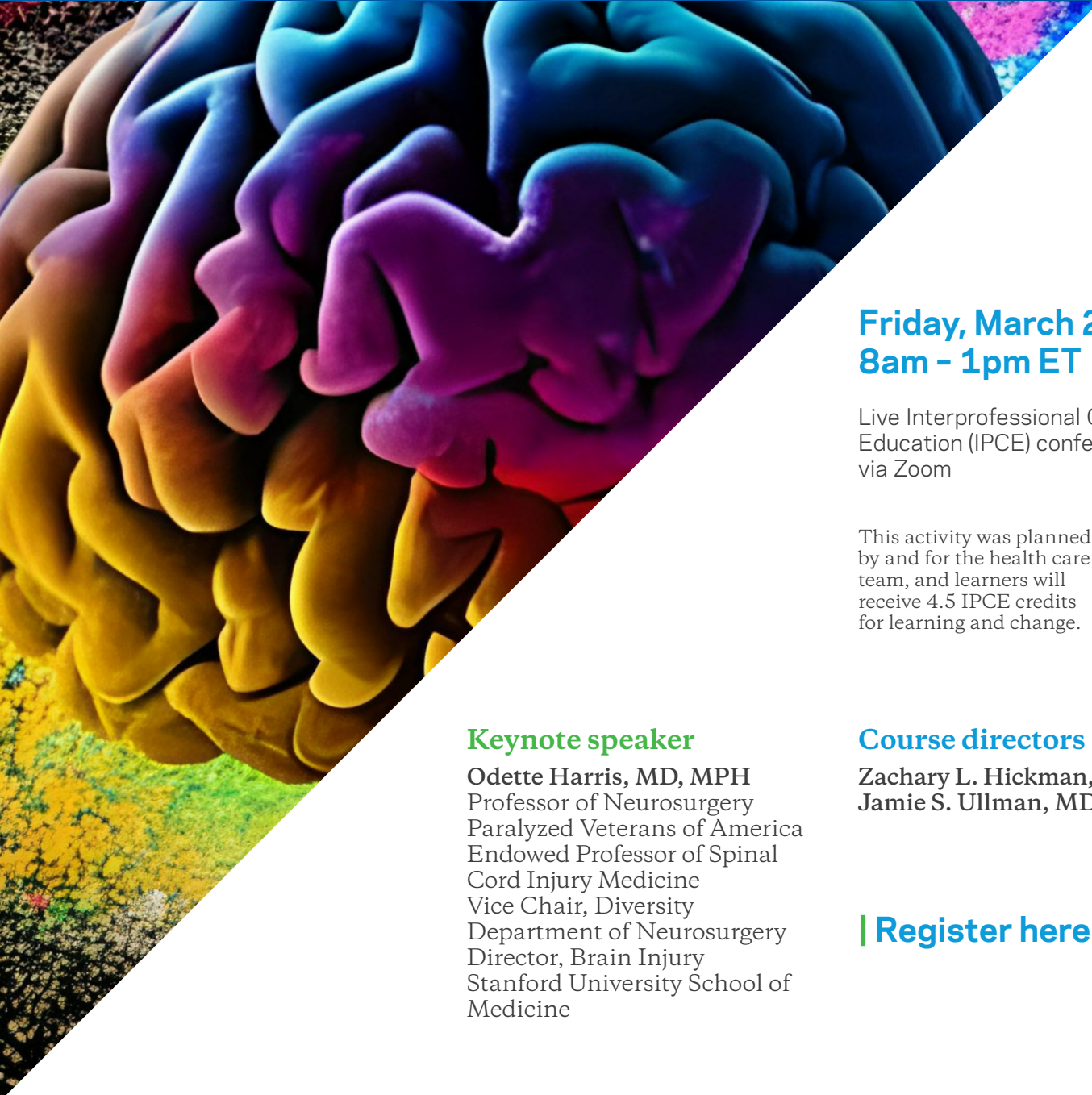


# 3RD ANNUAL NEW YORK NEUROTRAUMA CONSORTIUM (NYNC) VIRTUAL SYMPOSIUM



**Friday, March 24, 2023**  
**8am - 1pm ET**

Live Interprofessional Continuing Education (IPCE) conference offered via Zoom

This activity was planned by and for the health care team, and learners will receive 4.5 IPCE credits for learning and change.



## Keynote speaker

**Odette Harris, MD, MPH**  
Professor of Neurosurgery  
Paralyzed Veterans of America  
Endowed Professor of Spinal Cord Injury Medicine  
Vice Chair, Diversity  
Department of Neurosurgery  
Director, Brain Injury  
Stanford University School of Medicine

## Course directors

**Zachary L. Hickman, MD, FAANS**  
**Jamie S. Ullman, MD, FACS**

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NEW YORK NEUROTRAUMA CONSORTIUM



**Northwell**  
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### Program agenda

- 8am**            **Welcome**  
Jamie S. Ullman, MD, FACS  
Zachary L. Hickman, MD, FAANS
- 8:10am**        **TBI Biomarkers**  
Andras Buki, MD
- 8:30am**        **Keynote: NASEM TBI Report 2022**  
Odette Harris, MD
- 9:15am**        **Revamping GCS score (TBI Classification, Problems with, Ways Forward?)**  
Andrew Maas, MD
- 9:35am**        **Peripheral Nerve Injury/Schwann Cell Research New Technologies**  
Allan Levi, MD
- 9:55am**        **Case presentations - Part 1**  
Jamie S. Ullman, MD, FACS, and Zachary L. Hickman, MD, FAANS  
Moderator: Roxanne Todor, MD
- 10:15am**      **Panel Q&A**  
All presenters above and moderators
- 10:35am**      **Break/Virtual Exhibit Hall**
- 10:55am**      **Cortical Spreading Depolarization**  
Laura Ngwenya, MD
- 11:15am**      **Anticoagulation Reversal/Resumption After Neurotrauma**  
Roxanne Todor, MD
- 11:35am**      **Prolonged Concussion Syndrome**  
Sarah Khan, DO, and Hillary Ramroop, DO
- 11:55am**      **Global Neurotrauma**  
Ernest Barthelemy, MD
- 12:15pm**      **Case presentations - part 2**  
Jamie S. Ullman, MD, FACS, and Zachary L. Hickman, MD, FAANS  
Moderator: Roxanne D. Todor, MD
- 12:35pm**      **Final panel**  
All presenters and moderators
- 12:50pm**      **Closing remarks**  
Jamie S. Ullman, MD, FACS  
Zachary L. Hickman, MD, FAANS
- 1pm**            **Conference concludes**

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**Statement of need:** Although many practitioners (physicians, residents, fellows, advanced practice providers, nurses, psychologists, rehabilitation specialists, therapists) are involved in the care of neurotrauma patients, few have chosen to specialize in the complete care of traumatic brain, spinal cord, or peripheral nerve injury and may be unfamiliar with the nuances of their complex management, such as tiered ICP care and the new ICP management algorithm that has been published. Additionally, new research and clinical treatment paradigms are constantly being updated with new studies, trials, and guidelines. Case-based examples of management will be designed to discuss and educate on the myriad treatment options available. There is a need to increase awareness of the disparities in neurotrauma care both regionally and globally. Additionally, attendees will be updated on current research and clinical topics including cortical spreading depolarization, anticoagulation reversal and resumption after TBI, and prolonged concussion, and how these relate to the modern management of the neurotrauma patient.

**Program objectives:** All Northwell Health CME activities are intended to improve patient care, safety and outcomes. At the conclusion of this conference, participants should be able to:

- **Evaluate** the latest treatments for peripheral nerve injury patients, including research updates and new technologies to help with recovery.
- **Assess** the current literature and management paradigms for anticoagulation reversal and resumption following traumatic brain injury, particularly in the geriatric population.
- **Discuss** the implications of health care disparities with respect to the global burden of neurotrauma and delivery of care to patients with brain, spine, and peripheral nerve injuries.

**Target audience:** This program is designed for physicians, psychologists and pharmacists. Other members of the health care team who work in the area of Neurotrauma, including RNs, NPs, PAs and PTs are invited to participate.

**Joint accreditation statement:** In support of improving patient care, Northwell Health is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the health care team.



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INTERPROFESSIONAL CONTINUING EDUCATION

**Physicians:** Northwell Health designates this live activity for a maximum of 4.5 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

**Nurses:** Northwell Health designates this activity for 4.5 ANCC contact hours.

**Physician assistants:** Northwell Health has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME criteria. This activity is designated for 4.5 AAPA Category 1 CME credits. PAs should claim only credit commensurate with the extent of their participation.

**Pharmacist designation statement:** Northwell Health designates this activity for a maximum of 4.5 ACPE credit hours.

**Psychologist designation statement:** Northwell Health designates this activity for 4.5 APA CE credits for psychologists. APA psychology credit is not accepted by the New York State Education Department as meeting their CME requirement.

**Physical therapy designation statement:** Credits pending

**Verification of attendance:** This will be provided to all professionals.

**Course offering and registration fees:**

**\$45:** Non-Northwell physicians (including psychologists)

**\$38:** Northwell and Mt. Sinai physicians (including psychologists)

**\$15:** Northwell and non-Northwell PAs, RNs, NPs, PTs, pharmacists

**No charge:** Residents, fellows, students, retirees

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**Registration fee includes:** Access to virtual conference, course materials, and CME/Verification of attendance certificate.

**Cancellation policy:** To receive a refund, all cancellations must be confirmed via email to Samantha Steinberg, project manager ([SSteinber1@northwell.edu](mailto:SSteinber1@northwell.edu)), Office of Continuing Medical Education, by March 17, 2023. An administrative fee of \$10 will be kept for all cancellations. No refunds will be made after this date or for “no-shows.”

**Disclosure policy:** Northwell Health adheres to the ACCME’s Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CME-CE activity, including faculty, planners, reviewers or others are required to disclose all financial relationships with ineligible companies. All relevant financial relationships have been mitigated prior to the commencement of the activity.

**Americans with Disabilities Act:** This conference is in compliance with provisions of the Americans With Disabilities Act (ADA) and is accessible for individuals with special needs. If you would like to attend this conference and require any special needs or accommodations, please contact the Office of CME at (516) 266-2263.

[| Register here](#)



### Course directors

**Zachary L. Hickman, MD, FAANS**  
Director, Department of Neurosurgery  
NYC Health + Hospitals/Elmhurst  
Assistant Professor of Neurosurgery  
Icahn School of Medicine at Mount Sinai

**Jamie S. Ullman, MD, FACS**  
Director, Department of Neurotrauma  
Northwell Institute of Neurology and Neurosurgery  
North Shore University Hospital  
Northwell Health  
Professor, Department of Neurosurgery  
Zucker School of Medicine

### Keynote speaker

**Odette Harris, MD, MPH**  
Professor, Neurosurgery  
Paralyzed Veterans of America  
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### Program faculty and planners

#### **Ernest Barthelemy, MD, MPH, MA**

Chief of Neurosurgery  
University Hospital of Downstate  
Assistant Professor of Surgery, Neurology,  
Orthopedic Surgery and Public Health  
SUNY Downstate Health Sciences University

#### **Andras Buki, MD**

Professor of Neurosurgery  
Örebro University  
Örebro, Sweden

#### **Kristen Dams-O'Connor, PhD**

Rehabilitation and Human Performance  
Mount Sinai Health System  
Professor, Neurology & Rehabilitation Medicine  
Icahn School of Medicine at Mount Sinai

#### **Sarah Khan, DO**

Attending Psychiatrist, Brain Injury Medicine  
Physical Medicine & Rehabilitation  
Northwell Health  
Zucker School of Medicine

#### **Allan Levi, MD, PhD, FAANS**

Chief of Neurosurgery  
Department of Neurosurgery, Spine Division  
University of Miami Hospital/Jackson Memorial  
Hospital  
Professor and Chairman of Neurosurgery  
University of Miami Miller School of Medicine

#### **Amanda Lin, PharmD, BCCCP, RPH**

Clinical Pharmacy Coordinator  
North Shore University Hospital  
Northwell Health

#### **Andrew I.R. Maas, MD, PhD**

Neurosurgeon  
Emeritus Professor of Neurosurgery,  
University Hospital Antwerp  
Belgium

#### **Konstantinos Margetis, MD, PhD**

Director, Spine Service  
Neurosurgery  
Mount Sinai Health System  
Assistant Professor of Neurosurgery  
Icahn School of Medicine at Mount Sinai

#### **Laura B. Ngwenya, MD, PhD, FAANS**

Director, Neurotrauma Center  
UC Gardner Neuroscience Institute  
Associate Professor of Neurosurgery  
University of Cincinnati

#### **Hillary Ramroop, DO**

Fellow, Brain Injury Medicine  
Physical Medicine & Rehabilitation  
Zucker School of Medicine

#### **Roxanne Todor, MD, MBA, FAANS, FACS**

Neurosurgeon  
Neurotrauma  
NYC Health and Hospitals - Jacobi

#### **Conference planning committee**

Jamie S. Ullman, MD, FACS  
Zachary L. Hickman, MD, FAANS  
Amanda Lin, PharmD, BCPS, BCCP  
Konstantinos Margetis, MD, PhD  
Kristen Dams-O'Connor, PhD  
Roxanne Todor, MD

#### **Conference coordinated by**

Northwell Health's  
Office of Continuing Medical Education  
Mary B. Strong, MA, Assistant Vice President,  
Medical Education  
Michelle Dula-Harris, MHA, Senior CME Program  
Administrator  
Samantha Steinberg, BA, Project Manager