



NORTH AMERICAN NEURO-OPHTHALMOLOGY SOCIETY

PROGRAM OVERVIEW

49TH ANNUAL MEETING **NANOS**

OMNI ORLANDO RESORT AT CHAMPIONSGATE,
ORLANDO, FL, MARCH 11-16, 2023



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INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, this activity has been planned and implemented by Medical Education Resources (MER) and North American Neuro-Ophthalmology Society. MER 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 healthcare team.

Target Audience

This activity has been designed to meet the educational needs of neurologists and ophthalmologists involved in the care of patients with neuro-ophthalmic disorders.

Statement of Need

The purpose of the North American Neuro-Ophthalmology Society's Continuing Medical Education (CME) program is to present neuro-ophthalmologists with quality lifelong learning opportunities to promote improvement and change in physician practices, performance, and competence needed to provide the best possible neuro-ophthalmic care for their patients.

Educational Objectives

After completing this activity, the participant should be better able to:

- Identify recent advances in the diagnosis and treatment of neuro-ophthalmic diseases.
- Identify advances in key areas of cutting-edge research and technology in neuro-ophthalmology.
- Apply skills and techniques from the Optional Symposia sessions into their daily practice.

Times are listed in Eastern Daylight Time

Saturday, March 11th*

8:00 am – 12:00 pm
2:00 pm – 7:30 pm
4:00 pm – 5:00 pm
6:00 pm – 9:00 pm

NANOS Board of Directors Meeting
Registration/Help Desk
Neuro-Radiology Symposium, Aaron Kamer, MD
Welcome Reception and Awards

All are welcome! Reconnect with your NANOS colleagues during the reception from 6:00 – 7:30 pm. Awards Ceremony at 7:30 pm. **NEW THIS YEAR!** Distinguished Service Award, Dr. Ivy Dreizin WIN Leadership Grant, Hoyt Lecture Award, Merit Awards, Pilot Research Grant, Travel Grant recipients and Thomas and Susan Carlow Young Investigator Award will be presented. Join us as we celebrate some of our NANOS colleagues. Heavy hors d'oeuvres buffet and two drink tickets included. Guest tickets available for \$150.

***Saturday's times are listed in EST. Daylight savings begins at midnight on March 12th. Don't forget to change your clock forward one hour!**

Sunday, March 12th

6:30 am – 7:30 am
6:30 am – 5:30 pm
7:30 am – 9:30 am

Breakfast
Registration/Help Desk
Frank B. Walsh (I)

Host: Indiana University School of Medicine
Melissa W. Ko, MD

Committee Members: Drs Kevin Lai, Devin Mackay, and Valerie Purvin

Expert Panel:

Neuro-radiologist: Aaron Kamer, MD

Neuro-pathologist: Charles Eberhart, MD, PhD

9:30 am – 10:00 am
10:00 am – 11:45 am
11:45 am – 12:30 pm
12:00 pm – 1:00 pm
12:00 pm – 2:30 pm

Coffee Break
Frank B. Walsh (II)
Lunch
Fellowship Directors Committee Meeting
Meet the Poster Author: Descriptive Studies

12:00 pm – 1:00 pm
1:30 pm – 2:30 pm

Session I
Session II

2:30 pm – 3:00 pm
3:00 pm – 5:15 pm
5:30 pm – 6:00 pm
5:45 pm – 6:45 pm

Business Meeting
Frank B. Walsh (III)
Walsh Committee Meeting
Members-in-Training Reception

(This reception is for Students, Residents, Fellows-in-Training, NANOS Board of Directors members, Fellowship Directors, Student Clerkship, and Neurology and Ophthalmology Residency Directors.)

Monday – March 13th

6:00 am – 6:45 am
6:45 am – 7:15 am

Yoga
OMIC Symposium

The lecture will present a review of recent lawsuits alleging failure to diagnose giant cell arteritis (GCA) and the challenges of defending those claims. We will offer risk management recommendations for preventing GCA claims, including how a thorough medical history, quality of communication between staff and physicians, and coordination of care with other providers can lead to earlier diagnosis. OMIC's sample GCA checklist will also be discussed.

6:30 am – 7:30 am
6:30 am – 7:30 am

Breakfast with Exhibitors
Breakfast with the Novices

Join us in the reserved YONO area at breakfast for table discussions led by senior members and/or YONOs to discuss topics relevant to aspiring or current YONOs.

6:30 am – 5:00 pm
6:30 am – 7:30 am

Registration/Help Desk
NOVEL/Editorial Board/Curriculum

7:30 am – 9:30 am	Committee Meeting Hot Topics <i>Moderators: Marc Dinkin, MD, and Meagan D. Seay, DO</i>
7:30 am – 7:35 am	Welcome , Peter Quiros, MD
7:35 am – 7:55 am	Acute Therapeutic Options for CRAO: To TPA or Not? <i>Oana M. Dumitrascu, MD, MS</i>
7:55 am – 8:05 am	The Real-World Experience In a Single Health System (Kaiser Protocol and Effectiveness of Protocol) , <i>Guy Jirawuthiworavong, MD, MA</i>
8:05 am- 8:15 am	Physician Use of Social Media - Hazards and Opportunities , <i>Melissa W. Ko, MD, MBA, CPE</i>
8:20 am – 8:35 am	Ocular Imaging, EDI, OCTA and Beyond: Where Are We, What Good Is It? <i>Randy Kardon, MD, PhD</i>
8:35 am – 9:05 am	Visual Snow Syndrome
8:35 am – 8:50 am	Differential Diagnosis and Workup , <i>Michael Vaphiades, DO</i>
8:05 am – 9:05 am	Pathophysiology/Treatment , <i>Owen B. White, MD, PhD, FRACP</i>
9:05 am – 9:30 am	Q&A
9:30 am – 10:00 am	Coffee with Exhibitors
10:00 am – 12:00 pm	State of the Art - Global Perspectives <i>Moderators: Claire Fraser, MBBS and Karl Golnik, MD</i>
10:00 am – 10:05 am	IIH (Case Presentation)
10:05 am – 10:20 am	UK Perspective , <i>Susan P. Mollan, FRCOphth</i>
10:20 am – 10:35 am	US Perspective , <i>Deborah Friedman, MD</i>
10:35 am – 10:45 am	Q&A
10:45 am – 10:50 am	Optic Neuritis (Case Presentation)
10:50 am – 11:05 am	European Perspective - It's MS , <i>Axel Petzold, MD, PhD, FRCP, FRCPath, FRCOphth</i>
11:05 am – 11:20 am	American Perspective - It Could Be MOGAD , <i>Eric Eggenberger, DO, MSEpi</i>
11:20 am – 11:35 am	Asian Perspective - It's NMOSD , <i>Dan Milea, MD, PhD</i>
11:35 am – 11:50 am	African/Indian Perspective – It's Infectious , <i>Ambika Selvakumar, DO, DNB</i>
11:50 am – 12:00 pm	Q&A
12:00 pm – 12:10 pm	NOVEL Update , <i>Kathleen Digre, MD</i>
12:10 pm – 1:30 pm	Lunch Break
12:20 pm – 1:20 pm	Industry Symposium
1:30 pm – 3:15 pm	Optional Symposium - Neuro-Ophthalmic Genetics: When, How, in Whom and Why to do Genetic Testing <i>Panel: Neringa Jurkute, MD, FEBO, Andrew G. Lee, MD, and Dan Milea, MD</i>
1:30 pm – 1:35 pm	Introduction , <i>Andrew G. Lee, MD</i>
1:35 pm – 1:50 pm	When to Suspect a Hereditary Condition? <i>Dan Milea, MD</i>
1:50 pm – 1:55 pm	Q&A

1:55 pm – 2:10 pm	Practical Applications of Genetic Testing, Neringa Jurkute, MD, FEBO
2:10 pm – 2:15 pm	Q&A
2:15 pm – 2:30 pm	Science and Advances of Genetic Testing, Dan Milea, MD and Neringa Jurkute, MD, FEBO
2:30 pm – 2:35 pm	Q&A
2:35 pm – 3:05 pm	Clinical Cases Presentation for Panel, Andrew G. Lee, MD
3:05 pm – 3:15 pm	Q&A and Closing
5:00 pm – 7:00 pm	Scientific Platform Session I

Tuesday – March 14th

6:00 am – 6:45 am	Yoga
6:30 am – 7:15 am	Industry Symposium
6:30 am – 7:30 am	Breakfast with Exhibitors
6:30 am – 7:30 am	Breakfast with the Novices
6:30 am – 6:00 pm	Registration/Help Desk
7:30 am – 9:30 am	Scientific Platform Session II
9:30 am – 10:00 am	Coffee with Exhibitors
10:00 am – 12:00 pm	Scientific Platform Session III
12:00 pm – 12:10 pm	JNO Update
12:20 pm – 1:20 pm	Industry Symposium
3:00 pm – 5:00 pm	YONO Forum
6:00 pm – 8:30 pm	Meet the Poster Author: Analytical Studies

Heavy hors d'oeuvres buffet and two drink tickets included. Guest must purchase tickets for \$150 per person online or onsite.

6:00 pm – 7:00 pm	Session I
7:30 pm – 8:30 pm	Session II
8:30 pm – 9:30 pm	Abstract Committee Meeting

Wednesday – March 15th

6:00 am – 6:45 am	Yoga
6:30 am – 7:15 am	Industry Symposium
6:30 am – 7:30 am	Breakfast with Exhibitors
6:30 am – 7:30 am	Breakfast with the Novices

Join us in the reserved YONO area at breakfast for table discussions led by senior members and/or YONOs to discuss topics relevant to aspiring or current YONOs.

6:30 am – 12:30 pm	Registration/Help Desk
7:30 am – 9:30 am	Neuroimmunology
	<i>Moderators: Jeffrey Bennett, MD, PhD and Amanda D. Henderson, MD</i>

7:30 am – 7:48 am	MS and the Immune System , <i>Jennifer Graves, MD, PhD, MAS</i>
7:48 am – 8:06 am	MS Treatment/Immune System Targets , <i>Robert Shin, MD</i>
8:06 am – 8:24 am	Neuro-Muscular Disease and the Immune System , <i>Umapathi Thirugnanam, MD</i>
8:24 am – 8:42 am	Neuro – Muscular Disease Treatment , <i>Wayne T. Cornblath, MD</i>
8:42 am – 9:00 am	Good Therapies Gone Bad - What the Neuro-Ophthalmologist Needs to Know , <i>Fiona Costello, MD, FRCP</i>
9:00 am – 9:30 am	Q&A
9:30 am – 10:00 am	Coffee with exhibitors
10:00 am – 11:30 am	Ophthalmic Surgery in the Neuro-Ophthalmic Patient <i>Moderators: Chantal Boisvert, OD, MD and Ellen B. Mitchell, MD</i>
10:00 am – 10:12 am	I Had Optic Neuritis: Can I Get a Premium Lens? <i>Bradley Katz, MD, PhD</i>
10:12 am – 10:24 am	I Have Diplopia: Can I Get LASIK? <i>Chantal Boisvert, OD, MD</i>
10:24 am – 10:36 am	I Have Blepharospasm: Can I Get Lid Surgery? What About PSP? <i>Valerie Elmaleh, MD</i>
10:36 am – 10:48 am	I Had NAION: Should I Be Worried About Cataract Surgery? <i>Anthony Arnold, MD</i>
10:48 am – 11:00 am	Can We Repeat an ONSF? <i>Peter MacIntosh, MD</i>
11:00 am – 11:12 am	Should I Have Teprotumumab or Surgery? <i>Alison V. Crum, MD</i>
11:12 am – 11:30 am	Q&A
11:30 am – 12:00 pm	Jacobson Lecture – Grant T. Liu, MD
12:10 pm – 1:00 pm	Industry Symposium
1:15 pm – 2:45 pm	WIN Forum
2:45 pm – 4:15 pm	Optional Symposium - Management of Neurologically Based Adult Strabismus <i>Moderators: Jason Peragallo, MD and Mehdi Tavakoli, MD</i>
2:45 pm – 3:05 pm	Basic Concepts and Surgical Management of Adult Strabismus From Neuro-Ophthalmic Entities , <i>Alexis Flowers, MD</i>
3:05 pm – 3:25pm	Non-Surgical Management of Diplopia , <i>Gena Heidary, MD, PhD</i>
3:25 pm – 3:45 pm	Common Disorders Confound Diagnosis of Superior Oblique Palsy , <i>Joseph Demer, MD, PhD</i>
3:45 pm – 4:05pm	Advanced Techniques in Surgical Management of Adult Strabismus From Neuro-Ophthalmic Diseases , <i>Linda Dagi, MD</i>
4:05 pm – 4:15 pm	Q&A
4:45 pm – 5:45 pm	Consortium of Pediatric Neuro-Ophthalmologists (CPNO) All are welcome to attend!

6:30 pm – 11:00 pm

Banquet

Join your NANOS colleagues for networking and dancing at the Annual Banquet! Abstract awards will be presented. Music and dancing begin at 7:30 pm. Guest tickets are available for purchase at \$150 with online registration or onsite.

Thursday – March 16th

6:30 am – 12:00 pm

Registration/Help Desk

6:30 am – 7:30 am

Breakfast

7:30 am – 9:30 am

The Future of NO - Diversity, Equity, and Inclusion

Moderators: Patricia Johnston McNussen, MD and, Claudia Maria Prospero Ponce, MD

7:30 am – 7:46 am

Neuro-Ophthalmology: Where Are We? - Workforce Report

7:30 am – 7:38 am

State of the Profession, *Larry Frohman, MD*

7:38 am – 7:46 am

Mismatch in Supply and Demand, *Adam DeBusk, DO*

7:46 am – 7:55 am

Q&A

7:55 am – 8:55 am

The Diversity Benefit - NANOS Diversity Report

7:55 am – 8:05 am

Diversity Benefit, *Lynn Gordon, MD, PhD*

8:05 am – 8:35 am

Culturally Responsive Health Care Delivery, *César Briceño, MD*

8:35 am – 8:45 am

Diversity Report, *Ore-ofe Adesina, MD*

8:45 am – 8:55 am

Telehealth: A Potential Solution to the Workforce and Diversity Problem or Not?, *Kevin E. Lai, MD*

8:55 am – 9:05 am

Q&A

9:05 am – 9:30 am

Where Are We Going? - The Pipeline Report

9:05 am – 9:20 am

Pipeline State of Affairs and Issues, *Courtney E. Francis, MD, and Aimee Szewka, MD*

9:20 am – 9:30 am

Pipeline Solutions, *Collin McClelland, MD*

9:30 am – 9:35 am

Q&A

9:35 am – 10:00 am

Coffee break

10:00 am – 12:00 pm

Insight Into Neuroanatomy: Learning From Pediatric Neuro-Ophthalmic Disorders

10:00 am – 10:40 am

Embryology & Result of Pathway Disruption

Moderator: Shannon Beres, MD

10:00 am – 10:15 am

Embryology of the neural and vascular striations for the vision system, *Chaow Charoenkijakorn, MD*

10:15 am – 10:30 am

Optic nerve hypoplasia, *Michael Brodsky, MD*

10:30 am – 10:40 am

Q&A

10:40 am – 11:20 am

Postganglionic Tract Disruption

Moderator: Melinda Chang, MD

10:40 am – 10:55 am

Cortical Visual Impairment, *Corinna Bauer, PhD*

10:55 am – 11:10 am

Transynaptic Retrograde Degeneration, *Jonathan C. Horton, MD, PhD*

11:10 am – 11:20 am

Q&A

11:20 am – 12:00 pm

Amblyopia and Strabismus

Moderator: Jason Peragallo, MD

11:20 am – 11:35 am

Amblyopia, *Eric Gaier, MD, PhD*

11:35 am – 11:50 am

Congenital Cranial Dysinnervation Disorders, *Mary Whitman, MD*

11:50 am – 12:00 pm

Q&A