

2023

# NeuroNetworking

*Connect - Collab - Create*

*Together we can revolutionize the neurology care model*



NeuroNet | pro



## Leveraging our Collective Insights and Technology Innovation to Improve Outcomes and Business Sustainability

We welcome all neurologists, trainees,  
management, clinical teams, industry, payers, informaticists, patient advocates:  
All with a stake in sustainable & responsible neurology practice

*from NeuroNetPro and The American Society of Neuroimaging*  
January 26 - 29, 2023 | Caribe Royale | Orlando, Florida

[www.neuronetpro.com](http://www.neuronetpro.com)



# Welcome!

We are excited to offer this unique annual event devoted to enabling neurologists and their teams to lead the way in clinical excellence, business sustainability and economic responsibility. Despite the many hurdles we face, or perhaps because of all the obstacles, there is no better time for the private sector to step up and leverage our collective entrepreneurialism.

This symposium was explicitly created to connect the many stakeholders who add relevant proficiency, perspective and breakthrough technology to the neurology practice tool chest. Providers and managers of **practices representing all sizes and geographies** will be attending, each of whom offer untold innovations by necessity, practical insights, and experiences piloting and refining the many shiny new products that seem so perfect until real-life interferes. You will be joined by **over fifty corporate and consulting partners** bringing expertise in pharma, devices, diagnostics, informatics, operational efficiencies, financing, purchasing, reimbursement, and population health.

*"I loved hearing a variety of perspectives from successful leaders each with different backgrounds, all intent on improving the neurology community."*

The American Society of Neuroimaging (ASN) joins our faculty to represent the critically important role of advanced diagnostics in precision medicine. ASN was founded by neurologists in the 1970's to ensure breakthrough imaging technology was optimally applied to the benefit of patients with neurologic disorders. Today, **ASN brings the neurologist perspective to the role of neuroimaging, biomarkers and informatics in early detection and therapy management**, while continuing to **educate all neurology providers** on this dominant and constantly evolving neuro-diagnostic tool. ASN's fellowship program director, Dr. Laszlo Mechtler, welcomes neurology providers and trainees to a **special Saturday mini-symposium on "What Clinicians Need to Know About Neuroimaging."** Registration is waived for residents and APPs.

The program ends with "Sharing Best Practices in Neurology and Neuroimaging" where you can learn about opportunities, business concepts and the culture in private practice.

Take a break away from your busy schedule to attend this short, affordable January weekend with us in Orlando. You'll be glad you did!

Joseph V. Fritz, PhD, CEO Dent Neurologic Institute  
Partner in NeuroNetPro, Incoming ASN President

# Intended Audiences

## Neurology Providers and Managers in Clinical Practice

- Connect with your peers and experts from other practices and institutions to strategize around common hurdles and opportunities in clinical neurology
- Identify ways that private practice can lead strategies to systematically improve population health, compete in the global healthcare market, and address enormous inefficiencies and variations in our complex health system
- Meet those leveraging our network for fair pricing, finding helpful resources & vetting new technologies
- Identify how to increase your community and payer value, negotiate fair contracts, build a sustainable business, and be economically responsible
- Expand your imaging competence to optimize utilization, improve patient & radiologist communication, reduce liability, and learn how to integrate imaging into your practice

## APPs, Students, Residents, and Fellows

- Join a free **dedicated Saturday track on "What every clinician needs to know about neuroimaging,"** hosted by preeminent neuroimaging expert, Dr. Laszlo Mechtler.
- Network with dozens of group practices and other experts to **discover exciting career opportunities in private practice and neuroimaging**
- Receive **publication credit** for presentation and poster abstracts that represent your insights on innovations in the practice of neurology and neuroimaging

For a student, aspiring neurologist or neuroimager this is a great opportunity to learn and meet experts from all around the country.

## Neuroimaging Experts

- Join clinicians and industry experts to discuss the evolving needs of imaging, biomarkers, and neuroinformatics in therapy management
- Collaborate with pharmaceutical and device industry experts to fund creative R&D and education programs
- Learn about career opportunities through ASN's extensive resources and private practice networking at the Practice Hub
- Submit abstracts on neurology practice innovations and discuss practical insights with clinicians and managers in clinical practice

# NeuroNet Program At-A-Glance

Thursday		
7:00-3:00	<b>REGISTRATION</b>	
3:30-5:00	Meet Your Peers in a Facilitated Brainstorming Session	Warren Smedley, DSc
5:00-7:00	Welcome Reception Celebrating our History and Future Vision	Joseph Fritz, PhD
Friday		
<b>TECHNOLOGY INNOVATIONS DAY</b>		
7:30-8:15	<b>Breakfast and Focus Groups</b>	Christine Mann, MBA Rob Bakshi, MD
8:30 - 9:15	New Therapeutics Pipeline	
9:15-10:00	Advanced Imaging and Biomarkers: Expanded Roles in Precision Medicine and Clinical Trials	Eric Anderson, MD Jose Rocha, CPPM, CPC
10:00-10:30	<b>Break: Innovations Hall with Sponsors</b>	
10:30-11:15	How Technology is Changing Healthcare Delivery: From Digital Assessments to Wearables	Thomas Schenk, MD
11:15-12:00	Practice Efficiency and Revenue Optimization Tools	
12:00-1:30	<b>Lunch: Innovations Hall, Hed Talks with Sponsors/Users</b>	Eric Anderson, MD
1:30-2:45	Health Informatics and Clinical Decision Support: Integrating Clinical & Population Health Data	
3:00-5:00	Poster Session and NNet Talks - Innovations by You -	
Saturday		
<b>PUTTING INTO PRACTICE</b>		
7:30-8:15	<b>Breakfast and Focus Groups</b>	Michael Hemphill, MD
8:30-9:45	Novel Clinic & Ancillary Services and Implementations	
9:45-10:30	<b>Break: Innovations Hall with Sponsors</b>	Jeff English, MD
10:30-11:45	Payer Relations and New Payment Models	
11:45-1:30	<b>Lunch: Innovations Hall, Hed Talks with Sponsors/Users</b>	David Evans, MBA
1:30-2:45	Optimizing the Network to Maximize Resources and Ensure Autonomy: Leveraging Banking and Private Equity Relationships	
3:00-5:00	<b>Share Best Practices in Neurology and Neuroimaging</b> From practices of all types, sizes and locations Learn how they work, comp models, contracting, and more!	Lanny Pauley
7:00-9:00	Closing Reception Celebration of Private Practice	

# What Every Clinician Needs to Know About Neuroimaging

Laszlo Mechtler, MD, Director

A Mini-Symposium by the American Society of Neuroimaging

Free to Residents and APPs

Saturday	8:00-10:00	REGISTRATION
	7:30-8:15	<b>Welcome Breakfast</b>
	8:30-8:50	MRI Sequences, Artifact and Normal Variations, Monika Ambrus, MD
	8:50-9:10	Imaging in Headache Medicine, Laszlo Mechtler, MD
	9:10-9:30	Neuroimaging in Demyelinating Disease, Rohit Bakshi, MD
	9:30-9:50	Imaging of Neuro-Ophthalmology, Gabriella Szatmary, MD, PhD
	9:50-10:00	Q&A
	10:00-10:30	<b>Break</b>
	10:30-10:50	Imaging in Stroke, Rick Magun, MD
	10:50-11:10	Neuroimaging of Dementia, Bela Ajtai, MD
	11:10-11:30	Neuroimaging of Traumatic Brain Injury, Laszlo Mechtler, MD
	11:30-11:50	Imaging of Pediatric Neurology, Jennifer McVige, MD
	11:50-12:00	Q&A
	12:00-1:00	<b>Lunch: Innovations Hall, Posters &amp; Industry Talks</b>
	1:00-1:20	Interesting Head and Neck Cases that Neurologists Should be Aware Of, Peter Kalina, MD
	1:20-1:40	The Use of Ultrasonography in Neurology, Zsolt Garami, MD
	1:40-2:00	Neuroimaging of Brain Tumors, Laszlo Mechtler, MD
	2:00-3:00	Interesting Cases in MR Imaging Reeta Achari, MD, Ryan Hakimi, MD, Jennifer McVige, MD, Bela Ajtai, MD, Rick Magun, MD, and Monika Ambrus, MD
	3:00-5:00	<b>Neurology and Neuroimaging Practice Career Hub</b> Meet practices of all types, sizes and locations Learn how they work, comp models, contracting and more! Learn about ASN educational programs and imaging career opportunities Refreshments served
	7:00 - 9:00	Closing Reception & Dinner Event

## ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University at Buffalo Jacobs School of Medicine and Biomedical Sciences and American Society of Neuroimaging (ASN).

The University at Buffalo Jacobs School of Medicine and Biomedical Sciences is accredited by the ACCME to provide continuing medical education for physicians.

## CERTIFICATION

The University at Buffalo Jacobs School of Medicine and Biomedical Sciences designates this live activity for a maximum of 5.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

# Session Descriptions

## Introduction

The purpose of this event is to *connect* stakeholders in delivering accessible, high-quality, and affordable neurologic care. In particular, we recognize the importance of harnessing the collective experiences and entrepreneurialism of the private practice sector, while embracing the innovations and insights from a wide range of industry, payer, informatics and other experts.

Program objectives are as follows:

- Build relationships
- Level set on relevant technologies driving change and opportunity, including new therapies, advances in diagnostic imaging and lab tests/biomarkers, digital assessments, remote medicine, intelligent automation in patient data and communication, and modern informatics to tie it all together at a systems and population health level
- Listen to our peers' ideas through a special poster/"NNet Talk Session" on how they have used this technology
- Put the ideas into practice by identifying critical gaps that can be closed through novel programs and implementations
- Identify how to work with payers as peers, especially as we move to value-based systems
- Have honest discussions about what we can do individually versus what we can do better together
- Close with a special session in which groups of all sizes and locations reveal how they succeed in private practice through compensation models, contracts, staffing, certifications and accreditations, etc.

Lunch Sessions give an opportunity for industry sponsors to highlight their products through short presentations with clinical users.

A special Saturday track on the essentials of neuroimaging will be offered by the ASN. Residents, APPs, and neurology providers and physicians seeking to improve their imaging skills as part of their practice will benefit from this training. The need has never been greater for neurology providers to be able to directly use images, not just radiology reports, in their clinical decisions and patient relationships. The education will provide the basis of imaging technologies, typical images and mimics, and case study reviews guided by neurologists with imaging expertise. Residents are then welcome to join the community practice session to learn about opportunities in private practice, fellowships available in neuroimaging, and certifications along neurologic specialties.

# Session Descriptions

## Thursday

### Get to Know Each Other Through Common Struggles and Solutions

**"What's Your Hassle?" Facilitated Brainstorming Session | 3:30-5:00**

*Moderators: Warren Smedley and Christine Mann*

Our program begins Thursday afternoon on January 26th. Leaders from NeuroNet will welcome attendees from across the U.S., representing many group sizes and locations, as well as stakeholders from a wide range of disciplines. Warren Smedley, Vice President at The Kinetix Group, will facilitate a brainstorming session in which all attendees have an opportunity to highlight key struggles and workarounds. The purpose is to stimulate relationships and share best practices.

The primary objectives of this session are:

- 1) build relationships;
- 2) innovate by working together to find best practices;
- 3) help stimulate further discussion through the Friday and Saturday sessions.

**Celebrating our History and Future Outlook | 5:00-7:00**

*Introduction by Joseph Fritz, program chair and incoming ASN President. Memories and insights from Laszlo Mechtler, Andrei Alexandrov, and representatives from organizations honoring their founders.*

A reception honoring our founding fathers and looking forward to exciting opportunities brought by new treatments and technologies, modern business strategies and a vibrant network of innovative neurology teams.

# Session Descriptions

## Friday

### Overview of Important Technological Innovations

#### **Precision Medicine (therapeutics, imaging, and biomarkers) | 8:30-10:00**

Therapeutics and advanced diagnostics form an important platform for the future of neurology. These treatments should be available in all settings, especially the community. Understanding the challenges to implementation, and how to make these therapies accessible to every patient is critical. The Friday morning session will begin with an overview of new therapies in late clinical trials and what we must do to prepare for clinical implementation, followed by diagnostic innovations that enable earlier and more targeted use of new complex therapies.

#### **Part 1: New Therapeutics Pipeline:**

**Learn what's coming and how to prepare | 8:30-9:15**

*Moderator: Christine Mann*

*Panelists: James Hendrix, Brian Nyquist, James Goldenberg, Dee Fanning*

This session will review recent and soon-to be-released drugs and devices and discuss what is necessary to prepare for their practical clinical application.

#### **Part 2: Advanced Imaging and Biomarkers:**

**Expanded Roles in Precision Medicine | 9:15-10:00**

*Moderator: Rohit Bakshi*

*Panelists: Nandor Pinter, Gabriella Szatmary, Annemie Ribbens, Rob Fraser, Mike Edgeworth, Zac Fernandez*

Diagnostic advances are expected to play an important role in precision medicine tied to patient selection and management. Imaging and Biomarkers, with users and industry experts representing neuroimaging, serum biomarkers, and imaging informatics systems.

# Session Descriptions

## Friday

### Digital Tools | 10:30-12:00

#### Digital Tools 1: From Digital Assessments to Wearables and Remote Medicine | 10:30-11:15

*Moderator: Eric Anderson,*

*Panelists: Mark Gudesblatt, Allan Gee, Taif Kaissi*

This session addresses data capture from sources other than imaging and laboratory biomarkers. Such digital clinical assessments hope to improve consistency, quantification and longitudinal tracking. Although data arising from clinical visits are the primary source of clinical decision making, remote medicine through teleneurology and wearables create opportunities for more continuous patient assessments, overcoming patient hardships and can improve provider capacity.

Topics include:

- Use of digital cognitive assessment to gauge and track cognitive decline;
- Automation for creating and tracking neurologic scales;
- Remote patient monitoring such as blood pressure;
- Fulfilling obligations of CCM and PCM billing;
- Teleneurology services for clinical and research purposes.

#### Digital Tools 2: Practice Efficiency and Revenue Optimization | 11:15-12:00

*Moderator: Jose Rocha*

*Panelists: Lee Williams, David Evans, Sonda Rossman, Syam Palakurthy, Shawn Ring*

This session addresses digital technology used to achieve more efficient practice workflow and patient communication. Topics include:

- Digital scribe services that create draft clinical encounter notes, along with possible diagnostic codes and recommended referrals;
- “Touch-less offices” to minimize the number of tasks required of registration and other clinic staff;
- Automated patient communication using texts, chatbots, self scheduling, and outsourcing to reduce patient delays;
- Improving payer quality scores through automated documentation support;
- Coordinating interaction with Pharma
- Monitoring and automation of business processes such as RCM

# Session Descriptions

## Friday

### **Health Informatics and Clinical Decision Support** | 1:30-2:45

*Moderator: Thomas Schenk*

*Panelists: Dan Porreca, Mike Mbagwu, Jeff Buchhalter, Juny Simpson*

This session focuses on the overarching informatics systems approach to integrating the many sources of patient data, with emphasis on creating knowledge that informs clinicians in a meaningful way.

Topics include:

- Overview of the role of health information exchange, how they receive clinical data, make it available to other practices, and increasingly use analytics and quality metrics to align payer and provider incentives.
- The use of natural language processing to translate narratives into structured data;
- Guiding patient selection for new therapies and clinical trials;
- Integrating clinical and socio-economic risk factors;
- Use of clinical pathways and learning systems in clinical decision support;
- Improving education and early intervention for patients with high risk conditions;
- Reduce disparities in access to healthcare and clinical research;
- Learn how other group practices are working with their community and IT infrastructure to ensure critical patient information is readily available to providers.

### **Innovations By You – Poster Session and NNed Talks** | 3:00-5:00

*Moderator: Eric Anderson*

*Assisted by Nandor Pinter and Shawn Ferger*

The first day ends with a poster session and NeuroNet Educational (NNED) talks, representing case study innovations from our attendees. Topics will range from the data gathering tools discussed earlier in the day, such as imaging and digital assessments and implementation of therapeutics in affordable, accessible and profitable ways, to operational efficiencies created by process and technologies. Selected posters will be given the opportunity for a short presentation.

# Session Descriptions

## Saturday

### Putting it Into Practice

**Novel Clinic and Ancillary Services and Implementations | 8:30-9:45**

*Moderator: Michael Hemphill*

*Panelists: Lixin Zhang, Howard Mango, Sheena Aurora, Horacio Capote, Christine Mann, Bela Ajtai, Eric Anderson, Frank Cesaro*

This session begins with a discussion of how groups are using team-based concepts, technology and process innovation in classic neurology clinics such as dementia, multiple sclerosis, and headache to improve access, workflow, efficiency and business sustainability.

The session continues with identifying novel programs that close important gaps in care and align incentives for more consistent, cost effective care that results in overall improvement to population health. Examples include:

- Cooperation between audiology and neurology in the implementation of advanced diagnostics and therapies for dizziness and balance;
- Integration of a "comorbidity management" team to address root cause of issues and risk factors, such as obesity, smoking, and social determinants;
- Behavioral Health and Neuropsychiatric services and ancillaries (e.g. ketamine infusion, eskatamine and TMS);
- Teleneurology as a service model
- Adding or expanding clinical research and real world evidence in the community practices setting;
- Integrating ancillary diagnostic and therapeutic services as imaging, laboratory, infusion, pharmacy and poly pharmacy management.

# Session Descriptions

## Saturday

### **Payer Relations and New Payment Models** | 10:30-11:45

*Moderator: Jeffrey English*

*Panelists: Thomas Schenk, Jane Clayton, Amy Knighton, Reeta Achari, Jeff Buchhalter*

This session begins with practical approaches to maximizing revenues under current fee for service payer models, while preparing for and leveraging value based models and risk based contracting to the benefit of neurologists. Concierge medicine will also be discussed as an alternative form of "capitated contracting."

Topics include:

- Review payer contracting and fee schedule negotiation strategies
- Resources to help optimize revenue cycle management
- Understand current value based models such as MIP, MVP, ACO;
- Learn how risk contracting works, and the role of data analytics and variation reduction processes such as clinical decision support tools
- Recognize opportunities in concierge medicine

### **Optimizing the Network to Maximize Resources and Ensure Autonomy** | 1:30-2:45

This session reviews existing and potential opportunities for stakeholders in community practice to work together to maximize autonomy, sustainability and the value of neurologists. The panelists will lead discussions with the audience, lead by the question "What else can we do together?"

*Moderator: David Evans*

#### **Part 1: Existing Networks and Support Opportunities** | 1:30-2:15

*Panelists: Taif Kaissi, Lanny Pauley, Viswanathan Sahadevan*

This session reflects on examples of regional networks and consulting opportunities that can help practices share resources. Topics include:

- What common resources can we share?
- What is the role of outsourcing staff and/or management?
- Can we better coordinate research, co-invest in population health, implement shared value-based analytics platforms?
- Should we share recruiting and educate on the opportunities and core value of community practice?

#### **Part 2: Leveraging Banking and Private Equity Relationships** | 2:15-2:45

*Panelists: Marc Cabrera, Lee Williams*

This session explores the role of financing organizations, including examples from other clinical sectors.

# Session Descriptions

## Saturday

### Special ASN Neuroimaging Mini-Symposium

**What Every Clinician Needs to Know About Neuroimaging** | 8:30-3:00 (Parallel Session)

*Moderator: Laszlo Mechtler*

*Speakers: Jennifer McVige, Rohit Bakshi, Ryan Hakimi, Gabriella Szatmary, Rick Magun, Zsolt Garami, Peter Kalina, Reeta Achari, Monika Ambrus, Bela Ajtai*

The American Society of Neuroimaging hosts this special mini-symposium on the essentials of neuroimaging. This is an excellent opportunity for neuro-clinicians to upgrade their knowledge in the utilization of imaging modalities for specific neurologic disorders such as Headache Medicine, Multiple Sclerosis, Neuro-Oncology, Stroke, Dementia, Pediatrics, Neuro-Ophthalmology, Traumatic Brain Injury, Ultrasonography, and Head and Neck Imaging. Each lecture is 20 minutes long and at the end we will share interesting cases by further experts in the field of Neuroimaging.

We would love to see neurologists, neurology residents, students and advanced practice providers, who are the future of our sub-specialty, to attend this meeting. This is FREE to fellows, residents, students and APPs, and includes all conference activities. Hotel rates have been discounted as well and house up to 4/5 people.

Following the review course, join the "Practice Hub" to learn about career opportunities in Neurology and Neuroimaging, including fellowships, flexible preceptorships, and other educational programs available through ASN and NeuroNetPro. You are also welcome to participate in any of the NeuroNet Pro sessions and exhibits throughout the conference.

# Session Descriptions

## **Practice Hub: Insights, Networking, and Career Opportunities | 3:00-5:00**

*Moderator: Lanny Pauley*

*Panelists: Representatives from solo, midsized and large practices, NeuroNet, and the American Society of Neuroimaging*

We end our program with all attendee practices, together with NeuroNet and ASN leadership, presenting on successful models in a wide variety of settings and locations.

As residents and fellows, you have worked hard to learn neurology. As an attending, you have taught neurology. As an employee of a Health System, you have given your value to your employer. To practice what you have learned and increase your value, engage with those who have successfully created and managed private neurology practices. Join dozens of successful group practices of all sizes throughout the United States in an open discussion about the challenges, benefits and joys of private practice. This session brings leaders of successful practices and 3rd party resources to offer suggestions, respond to queries and discuss your concerns in light of the opportunities which exist in working in or owning a private neurology practice. Residents and resident program directors are invited to participate at no cost.

In this Session, you will hear short presentations on key aspects of private practice, and personally interact with successful practices from a wide spectrum of size, scope and location.

Highlights include:

- Attract talent and grow leaders through win-win compensation models and inspiring cultures
- Motivate quality, capacity and clinical excellence
- Grow value for YOU, your patients and the community through your private practice
- Focus on delivering your clinical skills and hire to effectively turn your efforts into revenue
- Enjoy serving patients while you use templates and key staff to assure compliance
- Grow Your practice through the quality you provide to patients, referrers and payers
  - Use this growth to establish diagnostic and treatment tools to lower your treatment risk
  - Increase your revenue while increasing the quality of your services
- Engage in research to offer your patients services that are otherwise not available
- Learn about certifications, preceptorships, fellowships and accreditation opportunities in neurology subspecialties

Join discussions on creating your private practice and see what is possible. Listen to those who are successful and use them as a guide to your own success.

## What Attendees Said About Last Year's Meeting

*"If you want a sustainable and vibrant practice, I wouldn't miss talking to these folks who are actually doing it." - Physician Attendee*

*"I really enjoyed the imaging sessions on how to interpret MRIs. It will help to make more sense of the radiologist's differential and make me more confident in my diagnosis." - Neurology Resident*

*"We had real dialogue with thought leaders from successful practices, industry and payers to identify value and benefits we could collectively bring to the table." - Industry Executive*

*"I loved hearing a variety of perspectives from successful leaders each with different backgrounds, all intent on improving the neurology community." - Solo Practice Neurologist*

*"What I appreciate most was talking about what can I do tomorrow to prepare what's coming the next day and in the next 5 to 10 years." - Industry executive*

*"The interaction makes us a better and a stronger force to be reckoned with." - Neurology Practice Physician Owner*

*"This may be the best conference I've ever attended!" - Industry Executive*

*"The session on value-based care with physicians, administrators and industry gave insight into neurology's path into the future." - Practice Manager*

*"I have been in this business for 25 years and have never seen a meeting in which physicians from all around the country are including pharma in strategic discussions." - Industry executive*

*"The keynote about practical applications of AI and Neuroinformatics was fascinating." - Health Information Exchange Director*

*"The session on technologies helped with solutions for managing increasing costs and expanding the capacity of our personnel." - Practice Manager*

*"We like the pricing and resources available from NeuroNetGPO, but the most important part is the association with the collective brain trust that is NeuroNetPro." - Practice Manager*

*"Even though I'm a hospital neurologist, I'm going to be a regular attendee and come to learn more about imaging, advanced diagnostics and value-based medicine." - Neurologist*