

SPECIAL AWARDS

The ASNR Cornelius G. Dyke Memorial Award

This award is given for outstanding original research in neuroradiology by an assistant professor, fellow or resident. Eligible individuals must submit an abstract. Following a peer review, authors of the most promising submissions will be asked to provide a manuscript.

In addition to a new paper submitted to the Annual Meeting, manuscripts submitted to the *AJNR* and/or published since January 1, 2011 are eligible for the award. Authors of the *AJNR* manuscripts must submit an abstract (no manuscript at this time). Abstracts to be considered for the award must be received by 5:00pm Pacific Standard Time (PST), Friday, October 28, 2011.

Complete instructions for submission are available online:
www.asnr.org/2012

The Cornelius G. Dyke Memorial Award includes:

- A \$2,500 honorarium.
- Invitation to present the work at the ASNR 50th Annual Meeting.
- Complimentary registration for the ASNR 50th Annual Meeting.
- Round-trip coach travel to New York, New York, two nights' lodging and meals.

For additional information on awards, please refer to the ASNR online abstract submission site at www.asnr.org/2012.

ASNR Trainee Award

This award is given to fellows, residents or medical students for the best research presentation at the Annual Meeting.

Award includes:

- A \$1,000 honorarium.
- Announcement at the 51st Annual Meeting in San Diego, California in May 2013.

ASNR Annual Meeting Outstanding Presentation Awards

All abstracts accepted for oral presentation or poster exhibit are considered for these awards. One award is given in each of the following categories:

- Adult Brain Neuroradiology
- Functional Neuroradiology
- Head and Neck Radiology
- Interventional Neuroradiology (Michael F. Brothers Memorial Award)
- Pediatric Neuroradiology (Derek C. Harwood-Nash Award)
- Spine Radiology
- General Neuroradiology

Each award includes:

- A \$1,000 honorarium.
- Announcement at the 51st Annual Meeting in San Diego, California in May 2013.



ASNR 2012 Program Chair/President-Elect

Pamela W. Schaefer, MD

Programming developed in cooperation with the...

American Society of Functional Neuroradiology (ASFNR)

Daniel P. Barboriak, MD

American Society of Head and Neck Radiology (ASHNR)

C. Douglas Phillips, MD, FACR

American Society of Pediatric Neuroradiology (ASPNR)

Caroline D. Robson, MB, ChB

American Society of Spine Radiology (ASSR)

Walter S. Bartynski, MD

Society of NeuroInterventional Surgery (SNIS)

Christopher J. Moran, MD

European Society of Neuroradiology (ESNR)

Prof. Dr. E. Turgut Tali/Pia Maly Sundgren, MD, PhD

International Society for Magnetic Resonance in Medicine (ISMRM)

Walter Kucharczyk, MD, FRCPC

Ibero-Latin American Society of Neuroradiology (SILAN)

Rafael Rojas, MD/Maurico Castillo, MD, FACR

Society of NeuroOncology (SNO)

Frederick Lang, MD, FACS

Health Insurance Portability and Accountability Act of 1996 (HIPAA) Compliance

By ASNR policy, the content of all educational presentations given at ASNR meetings must be in compliance with the Health Insurance Portability and Accountability Act of 1996 (HIPAA) and the U.S. Department of Health and Human Services regulations implementing this act. To comply with HIPAA regulations, patient confidentiality must be maintained in all educational presentations (oral, printed or electronic). Members of the ASNR Audio Visual and Program Committees attend every presentation to identify ways to improve the audio-visual presentations and to monitor HIPAA compliance. Education Exhibits, Scientific Posters and Electronic Education Exhibits are reviewed by members of the ASNR Scientific Exhibits Committee. For inquiries about this policy, contact vgeisendorfer@asnr.org.

To request programming and registration materials for the ASNR 50th Annual Meeting contact:

ASNR 50th Annual Meeting Phone: 630-574-0220
c/o American Society of Neuroradiology Fax: 630-574-1740
2210 Midwest Road, Suite 207 Email: meetings@asnr.org
Oak Brook, Illinois 60523-8205 Website: www.asnr.org/2012

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USA



ASNR 2012: PRELIMINARY PROGRAM AND CALL FOR ABSTRACTS

ABSTRACT DEADLINE

5:00pm Pacific Standard Time (PST), Friday, October 28, 2011
www.asnr.org/2012

2012 HIGHLIGHTS

- The Foundation of the ASNR Symposium 2012: Acute Ischemic Stroke Imaging
- Six (6) Proposed Self-Assessment Module (SAM) Sessions
- Four (4) Maintenance of Certification (MOC) Review Sessions
- Audience Response (AR) Sessions Throughout Program with Complimentary WiFi Access

PROGRAMMING DEVELOPED IN COOPERATION WITH

American Society of Functional Neuroradiology (ASFNR)
American Society of Head and Neck Radiology (ASHNR)
American Society of Pediatric Neuroradiology (ASPNR)
American Society of Spine Radiology (ASSR)
Society of NeuroInterventional Surgery (SNIS)
European Society of Neuroradiology (ESNR)
International Society for Magnetic Resonance (ISMRM)
Ibero-Latin American Society of Neuroradiology (SILAN)
Society of NeuroOncology (SNO)

PRELIMINARY PROGRAM AND CALL FOR ABSTRACTS



ASNR 50th Annual Meeting & The Foundation of the ASNR Symposium 2012

THE FOUNDATION OF THE ASNR



Hilton New York
New York, New York
April 21-26, 2012

ASNR 50th
ANNIVERSARY

1962-2012

ANNUAL MEETING

NEW YORK, NY

Submit your abstract online at www.asnr.org/2012

no later than 5:00pm Pacific Standard Time (PST),

Friday, October 28, 2011.

Oral Paper submissions must be presented in digital format if accepted.

"This activity has been approved for AMA PRA Category 1 Credit(s)[™]"

YOU ARE INVITED...

to submit abstracts for the ASNR 50th Annual Meeting in New York, New York, April 23 - 26, 2012 in one of the following presentation categories:

- Scientific Paper (Oral Presentation)
- Scientific Poster (Electronic or Print)
- Electronic Education Exhibit (eEdE)
- Education Exhibit (Print)
- Excerpta Extraordinaire (Oral Presentation)

Online Abstract Submission

The ASNR Online Abstract Submission site will accept abstracts from mid-September through Friday, October 28, 2011. Authors are encouraged to submit abstracts early.

To use the ASNR Online Abstract Submission site, we recommend using Internet Explorer 6+ for Windows and Safari for Mac-OS. If using Explorer 8, please visit www.microsoft.com/windows/ie for more information about the compatibility view. (Note: Firefox will work, there may be a few known functionality issues). The ASNR Online Abstract Submission site allows uploading of files into the system for instant conversion. Once the entire abstract has been submitted online, the author will have the opportunity to see the abstract in its entirety. The author may make changes to the abstract until the submission deadline.

Complete instructions for submission are available online:
www.asnr.org/2012

Abstract Submission Criteria

1. Published or previously presented works should NOT be submitted.
2. Submission topic areas are: Adult Brain, Anatomy, Functional Imaging, Head and Neck, Interventional, Pediatrics, Socioeconomic and Spine.
3. Submit abstract in one category only.
4. Format abstract text using headings required for submission category.
5. Maximum length: 500 words; a graphic file equals 100 words; table equals 50 words.

Graphics – Charts, graphs and tables may be included in Scientific Paper, Excerpta Extraordinaire or Scientific Poster categories only. For each abstract:

1. Only one graphic file with a maximum of two images is permitted.
2. Required graphic file resolution is 300 dpi or greater.
3. Maximum size of printed file is 3 inches by 3 inches.
Note: A submitted graphic that is larger than the required size will be reduced accordingly, which may significantly reduce its quality.
4. Only .jpg and .gif formats are accepted online.

Download complete detailed submission specifications at:
www.asnr.org/2012

Important Information For All Abstract Submissions

1. The *American Journal of Neuroradiology* (AJNR) has first right of publication of papers accepted for presentation at the ASNR 50th Annual Meeting.
2. Presenters of accepted abstracts must register for the ASNR 50th Annual Meeting. Registration fees are required and not waived with acceptance.
3. Oral Paper submissions must be presented in digital format, if accepted.
4. The ASNR has first right of refusal to publish Education Exhibits on the *Neurographics* website.

Abstract Disposition Notification

Abstract disposition notification will be sent via email by early January 2012.

Submit your abstract online at www.asnr.org/2012 no later than 5:00pm Pacific Standard Time (PST), Friday, October 28, 2011.

PRESENTATION CATEGORIES

Abstracts should describe what attendees should know or learn after hearing/viewing the presentation.

Scientific Paper (Oral Presentation)

An oral presentation (6 minutes in length) summarizes the details of original investigative research.

Required abstract format: Purpose, Materials and Methods, Results, Conclusion. *Scientific Paper abstracts may include one graphic file with a maximum of two images.*

Excerpta Extraordinaire (Oral Presentation)

An oral presentation (3 minutes in length) that teaches a lesson, states and illustrates a problem in diagnosis or focuses on noteworthy radiologic appearances of specific diseases, disorders or anomalies.

Required abstract format: Purpose, Case Report, Imaging Findings, Summary. *Excerpta Extraordinaire abstracts may include one graphic file with a maximum of two images.*

Scientific Poster (Print Format)

4 feet (1.21m) high x 4 feet (1.21m) wide

A visual presentation of scientific studies that summarizes the details of original investigative research.

Required abstract format: Purpose, Materials and Methods, Results, Conclusion. *Scientific Poster abstracts may include one graphic file with a maximum of two images.*

Electronic Scientific Poster (ePoster)

An electronic presentation of scientific studies that summarizes the details of original investigative research. This is not a PowerPoint Presentation.

Required abstract format: Purpose, Materials and Methods, Results, Conclusion. *Abstract may include one graphic file with a maximum of two images.*

Education Exhibit (Print Format)

47 1/2 inches (1.2m) high x 77 inches (1.95m) wide

Education exhibits are analogous to review articles or pictorial essays. They should be a visual presentation/educational display designed to further the understanding of neuroradiology by featuring new cutting-edge material, or by offering an instructional review of a particular topic. Priority will be given to case series that illustrate and discuss concepts of significant importance to neuroradiologists that are optimally presented in this format. Investigational data, when presented in this category, should include a broader educational message and a more general perspective.

Required abstract format: Purpose, Approach/Methods, Findings/Discussion, Summary/Conclusion.

Electronic Education Exhibit (eEdE)

An interactive, visually oriented educational display that demonstrates novel and innovative applications for computers in neuroradiology clinical practice, training and/or research. Electronic Education Exhibits (eEdE) highlight the unique didactic advantages of the computer and focus on its interactive potential. Authors of an Electronic Education Exhibit (eEdE) must give permission to be published in *Neurographics* in the submission process.

Required abstract format: Purpose, Approach/Methods, Findings/Discussion, Summary/Conclusion.

An Electronic Education Exhibit (eEdE) abstract may be submitted for presentation as a shared display. Shared displays are those presentations that will run on a browser, with or without browser plug-ins, and do not require Internet access. (Note: Presentations created using PowerPoint, HTML, Flash, QuickTime and Real Media can be seen on a browser using browser plug-ins. These are preferred presentation formats.)

PRELIMINARY SCHEDULE (AS OF 08/03/11)

In Collaboration with The Foundation of the ASNR/ISMRM Symposium: Advanced MR Imaging of Acute Ischemic Stroke

Saturday, April 21

- Pathophysiology of Acute Stroke and Summary of Neuroprotective Treatment Strategies: Animal Models and Molecular Mechanisms
- In Vivo Pathophysiology of Acute Ischemic Stroke – The Human Condition
- Diffusion Weighted Imaging/DTI
- DSC Perfusion-Weighted Imaging
- ASL Perfusion-Weighted Imaging
- MR CMRO2
- Molecular MR Imaging
- Permeability Imaging
- PH Imaging

The Foundation of the ASNR Symposium 2012: Acute Ischemic Stroke Imaging

Saturday, April 21

Advanced CT Imaging of Acute Ischemic Stroke

- CTA of the Head and Neck: Protocol Optimization, Strength and Limitations
- CTA of the Head and Neck - Clinical Aspects of Acute Stroke Protocol Optimization, Strength and Limitations
- CT Perfusion: Strengths and Limitations
- Radiation Dose Reduction Strategies for Acute Stroke Protocols
- Panel Discussion

Therapy – Treatment Approaches

- Intravenous Therapy, including Review of Trials and Image-Based Selection Criteria
- IA Therapy Treatment Selection: CT is Sufficient
- IA Therapy Treatment Selection: MR is Essential
- IA Thrombolysis
- IA Mechanical Devices
- Bridging Therapy
- ICU Management of Acute Stroke Patients - Medical and Surgical Care, including When to Image

Sunday, April 22

Hot Topics in Stroke Imaging

- Wake Up Strokes
- Transient Ischemic Attacks
- Interventional Treatment for Symptomatic Intracranial Atherosclerosis
- Reversible Cognitive Impairment with Chronic Oligemia
- Global Ischemia
- Questions

Stroke Recovery

- Mechanisms of Stroke Recovery
- Functional Imaging of Stroke Recovery
- Stroke Recovery: Stem Cell Therapy and Patient Management
- Panel Discussion

Where Should We Spend Our Dollars?

- NIH Funding Priorities
- Cost-Effectiveness in Stroke Imaging
- Questions

Pediatric Stroke

- Overview of Stroke in Children: The Neurology Perspective
- Neonatal Stroke
- Arterial Stroke and Arterial Vascular Disease in Children
- Venous Stroke and Venous Diseases
- Panel Discussion

Symposium Wrap-up

ASNR 50th Annual Meeting

Monday, April 23

Maintenance of Certification (MOC) Review

Session (AR): Pediatrics

ASPNR Programming: Fetal and Neonatal

Neuroimaging

- New Insights into Neurocognitive Deficits of Prematurity
- Advanced Fetal and Neonatal Imaging Techniques
- Fetal and Neonatal Cerebellar Abnormalities

Collaboration with Society for Neuro Oncology

(SNO): Assessment of Tumor Recurrence in the Modern Era

- Advanced Neuroimaging of Response and of Progression Following Anti-Angiogenic Therapy
- Decision Making Following Anti-Angiogenic Therapy: The Neuro-Oncologist's Perspective
- Advanced Imaging and Non-FDG PET for Differentiating True Form Pseudo-Progression
- Review of RANO

ASPNR Programming: Advanced Pediatric

Neuroimaging Techniques

- Novel MR Techniques (DWI/DTI/fast SWI, etc)
- Seizure Focus Detection and Assessment of Functional Network
- MR Encephalography

ASFNR Programming: Implementing Functional

Imaging in Clinical Setting (SAM) (AR)

- fMRI
- ASL
- Spectroscopy

Socioeconomic Programming: Healthcare/

Payment Methodology/Health Services

Synaptic Junction Programming

Parallel Scientific Paper Sessions

ASFNR Programming: Advanced Imaging in

Psychiatric Disease: Opportunities and Trends

- Advanced Imaging of Affective Disorders and Schizophrenia
- Advanced Imaging of the Developing Brain: Implications for Psychiatric Disease
- MR Techniques for Imaging in Psychiatric Disease: Current Status and Future Directions

ASPNR Programming: Pediatric Head

and Neck (SAM) (AR)

- SNHL and Syndromic Hearing Loss
- Craniofacial Malformations: Radiological Perspectives
- Craniofacial Malformations: Clinical Perspective

Advanced Imaging Seminar

Tuesday, April 24

Maintenance of Certification (MOC)

Review Session (AR) Head and Neck

General Programming: In Collaboration

with Ibero-Latin American Society of

Neuroradiology (SILAN)

- Session to Honor Dr. Juan Taveras
- Short Presentation about Dr. Juan Taveras
- Arteriovenous Malformations
- Neurocysticercosis and Other Tropical Infectious Diseases
- Multiple Sclerosis
- Temporal Lobe Epilepsy

Socioeconomic Programming (SAM) (AR)

General Programming: Alzheimer's Dementia

- Preclinical Alzheimer's Dementia: A New Frontier in Treatment Trials
- Amyloid Imaging of Alzheimer's Dementia and Beyond
- A Model for Integration of Multimodal Biomarker Information in Alzheimer's Disease
- Bridging the Gap: What Can Functional Neuroimaging Tell Us About the Pathophysiology in Alzheimer's Disease

Young Professionals Programming: Entering and Thriving in Community Practice

- Welcome to the Real World
- Making the Transition
- The HMO Environment
- The Corporate Environment
- Staying Current, Giving Back
- Understanding the Food Chain

Parallel Scientific Paper Sessions

Synaptic Junction Programming

ASPNR Programming: 2012 ASPNR Interesting

Case Session (AR)

ASFNR Programming: Emerging Techniques in

Functional Neuroradiology

- VASO MR Imaging for Blood Volume Imaging
- Ferumoxytol Imaging for Cerebral Perfusion Imaging
- Florbetapir-PET Imaging for Beta Amyloid Evaluation

Young Professionals Programming:

Academic Session

- Getting Your First Job • Building a Research Program
- The Different Components of Academic Radiology
- Getting Promoted: The Different Promotion Tracks

Grant Writing Seminar

- Grant Writing • Early Career Awards
- How to Prepare Your First Grant Submission
- How to Avoid Common Pitfalls in Grant Submission

ASHNR Programming: SINUS / ORBIT

- Orbit Tumors and Vascular Lesions
- Sinonasal Anatomy
- Sinonasal and Orbital Infections

Socioeconomic Programming: What is Quality...

Perspectives from Patient, The Payers and

(Least Importantly) Us?

- Academic Neuroradiology
- Private Practice Neuroradiology
- Referring Physicians
- Government
- Patient

Advanced Imaging Seminar

Wednesday, April 25

Maintenance of Certification (MOC) Review

Session (AR): Cerebrovascular

General Session: Luminary Session:

Past, Present and Future

- Founding the American Society of Neuroradiology
- Major Milestones in the History of the ASNR
- Key Advances
- Where Neuroradiology Stands Today
- Evolution of Healthcare...How it Affects Neuroradiology?
- What Will our Imaging Look Like in the Future?

Keynote Speaker

ASNR Presidential Address

ASNR Award Announcements

ASNR Annual Business Meeting

Synaptic Junction Programming

ASHNR Programming: Head and

Neck Cancer (SAM) (AR)

- PET: Current Thoughts
- HPV-Associated Neoplasia
- Laryngeal/Hypopharyngeal Cancer

SNIS Programming: Venous Disease

- Diagnosis
- Treatment
- CCSVI
- Idiopathic Intracranial Hypertension

ASSR Programming: Advanced Imaging

of the Spine and Disk

- Biology of Disk Degeneration
- High Field Strength MR Imaging of Spine and Spinal Cord Anatomy
- Advanced Imaging of Disk Degeneration
- Diffusion Tensor of the Spine and Cord

Parallel Scientific Paper Sessions

ASSR Programming: Epidemiology Basics

for Spine Imaging and Interventions

- Epidemiology of Low Back Pain and Sciatica: Historically Fundamental Studies
- The SPORT Trial: Review of Results for HNP, Stenosis and Spondylyolysis
- Objective Outcome Criteria for Assessing Spine Interventional Treatment: Basic Paradigms and Implementation in a Spine Intervention Practice
- The Statistics of Controlled Trials

Socioeconomic Programming: The Nuts and Bolts

of Health Care Payment and Reform: What You

Need to Know

- Current Procedure Terminology (CPT)
- AMA/Specialty Relative Value Scale Updated Committee (RUC)
- Relativity Assessment Workgroup (RAW)
- Patient Protection and Affordable Care Act (ACA)
- Accountable Care Organizations

SNIS Programming: Dural Arteriovenous Fistulae

- Diagnosis
- Classifications and Natural History
- Treatment

Advanced Imaging Seminar

Thursday, April 26

Maintenance of Certification (MOC) Review

Session (AR): Spine

ASSR Programming: The Sacroiliac Joint and

Pelvis: Imaging and Interventions (SAM) (AR)

- Anatomy and Imaging of the SIJ and Pelvis for the Spine Interventionalist
- Innervations of the Sacroiliac Joint: Implications for SIJ Testing and RF Ablation
- Diagnostic and Therapeutic Injections of the of the Sacroiliac Joint and Pelvis
- RF Ablation of the SIJ: Review of Technique Options and Treatment Success

General Programming: Collaboration with

European Society of Neuroradiology (ESNR)

- State of the Art MR Imaging of Multiple Sclerosis and Other Demyelinating Diseases

• Pediatric Multiple Sclerosis, ADEM and other Demyelinating Diseases: Where Do We Stand?

• Demyelinating Disease of Spinal Cord

• Advanced MRI in Neurodegenerative White Matter Diseases

Socioeconomic Programming: Applying

Evidence Based Medicine To Stroke

Imaging and Treatment

- 2012 J. Arliss Pollock Memorial Lecture
- Introduction to Evidence Based Medicine in Radiology
- Neuroradiology in Acute Ischemic Stroke
- Endovascular Treatment of the Stroke Patient

Parallel Scientific Paper Sessions

SNIS Programming: Carotid Disease (SAM) (AR)

- Diagnosis
- Treatment
- Trials

General Neuroradiology Programming:

Mild Traumatic Brain Injury

• MILD TBI: What it Is? What Can Be Done?

• What Can Imaging Bring to the Table?

• Animal Models Reveal the Pathologic Basis for Clinical Imaging Findings

• White Matter Injury in mTBI: Why it Matters

• Most and How Imaging Can Improve Detection

• Translating Advanced Imaging Approaches to Patient Care: Promise and Pitfalls

Closing Remarks

ASFNR = American Society of Functional Neuroradiology
ASHNR = American Society of Head and Neck Radiology
ASPNR = American Society of Pediatric Neuroradiology
ASSR = American Society of Spine Radiology
SNIS = Society of NeuroInterventional Surgery
AR = Audience Response Session

MOC = Maintenance of Certification
ESNR = European Society of Neuroradiology
ISMRM = International Society for Magnetic Resonance in Medicine
SILAN = Ibero-Latin American Society of Neuroradiology
SNO = Society for NeuroOncology

SAM = Programming is currently under review for Self-Assessment Module (SAM) credit through the American Board of Radiology (ABR) for approval. Information and updates to be provided at www.asnr.org/2012.