



10th Annual Meeting of the

American Society of Functional Neuroradiology

February 28 - March 2, 2016 • Renaissance® Austin Hotel • Austin, TX

23.75 AMA PRA Category 1 Credit(s)TM

SPECIAL SESSION



American Society of Pediatric Neuroradiology

February 28, 2016

Optional BOLD Functional MRI Hands-On Workshop

February 27, 2016

6.5 AMA PRA Category 1 Credit(s)TM

Workshop attendance is limited to the first 20 Registrants



The American Society of Functional Neuroradiology (ASFNR) 10th Annual Meeting will be held February 28 to March 2, 2016 at the Renaissance Austin Hotel in Austin, Texas. For the first time, the ASFNR Annual Meeting will be held jointly with the American Society of Pediatric Neuroradiology (ASPNR), whose special session will be held on Sunday, February 28, 2016. Pediatric neuroimaging content on Sunday will include: optimizing workflow, controversies in imaging hydrocephalus, functional mapping, and gadolinium deposition, among others. The program will continue on Monday, February 29, 2016 with sessions on the connectome of the developing brain, advanced imaging of neurodevelopmental disorders, with a focus on autism, and on adolescent cognitive maturation, as well as new techniques for pediatric stroke and pediatric brain tumor imaging.

The ASFNR 10th Annual Meeting will appeal to a wide range of neuroradiologists, neurosurgeons, neurologists, cognitive neuroscientists, neuropsychologists, physicists, biomedical engineers, as well as clinical and research fellows, residents, and doctoral and postdoctoral students.

This 3 ½ day meeting will feature a series of focused sessions with didactic lectures and panel discussions by nationally and internationally recognized experts, as well as original research in the form of oral and poster presentations. A broad range of cutting-edge topics in functional neuroradiology will be featured, including dynamic fMRI and MEG for time-resolved functional brain mapping, diffusion tensor imaging and tractography, advanced diffusion techniques (DKI, NODDI, RSI, etc.) for microstructural tissue modeling, structural and functional connectomics, perfusion, permeability, quantitative susceptibility mapping, and other novel quantitative neuroimaging biomarkers. The scientific program will consist of lectures and panel discussions aimed at updating attendees on the current status of functional and physiologic imaging methodology, current controversies in the field, and promising new techniques.

The ASFNR 10th Annual Meeting will feature a roster of outstanding national and international scientific keynote speakers. The major objectives and topics include:

- New advances in fMRI, including dynamic fMRI and multi-echo BOLD imaging
- New advances in diffusion MRI, including multi-shell HARDI, DKI, NODDI, and RSI
- The Human Connectome, including the developing connectome in children and adolescents
- Psychiatric imaging: imaging diagnosis and image-guided treatment of psychiatric disorders
- New techniques and clinical applications in pediatric functional imaging, MRS, stroke, and childhood brain tumors
- Novel neuroimaging biomarkers for Precision Medicine

On Saturday, February 27, 2016, there will be an ASFNR Hands-On Workshop for BOLD fMRI image processing. Attendance for the workshop is limited to the first 20 registrants and this very popular workshop is typically sold out very early on.

The meeting location in Austin, Texas is a special draw. Austin is recognized as a trendy, vibrant and tech-savvy city renowned for its university, arts, leisure and cultural activities as well as its parks and wildlife. The ASFNR 10th Annual Meeting at the beginning of March will kick off the month-long celebration of music, film and technology in Austin known as the South by Southwest (SXSW) festival, which attracts more than 50,000 attendees every year. The Renaissance Austin Hotel offers a tranquil environment surrounded by nature trails, yet enjoys convenient proximity to Downtown Austin, University of Texas, 6th Street, Austin Bergstrom International Airport, and The Domain Shopping Center, which is just two miles away.

We sincerely hope you will join us for both the ASFNR and ASPNR meetings in beautiful Austin, Texas for what we are sure will be an outstanding educational, scientific, social and recreational experience.

Pratik Mukherjee

Pratik Mukherjee, M.D., Ph.D.
ASFNR President/Program Chair

Erin Simon Schwartz

Erin Simon Schwartz, M.D.
ASPNR President/Program Chair

Target Audience

This CME activity is intended to educate anyone interested in functional neuroimaging including neuroradiologists, neurologists, neurosurgeons, brain mapping scientists, cognitive neuroscientists, physicists, fellows, residents, doctoral and postdoctoral students, engineers and ancillary staff.

Scientific Sponsor

Educational Symposia

Educational Objectives

Attendees should, at the completion of this meeting, be able to:

- Describe the underlying physical basis of advanced functional and physiological imaging techniques such as BOLD resting state fMRI, Diffusion-weighted Imaging, Diffusion Tensor Imaging, Dynamic Susceptibility and Dynamic Contrast-enhanced MRI, Arterial Spin Labeling, Susceptibility-weighted Imaging, MR Spectroscopy, and MEG Imaging.
- Explain the clinical applications and limitations of advanced functional and physiological imaging techniques.
- Discuss how to effectively integrate functional imaging techniques into clinical practice with awareness of pertinent economic and logistical issues.

No special educational preparation is required for this CME activity.

Accreditation

Physicians: This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Educational Symposia, the American Society of Functional Neuroradiology, and the American Society of Pediatric Neuroradiology. Educational Symposia is accredited by the ACCME to provide continuing medical education for physicians.

Educational Symposia designates this live activity for a maximum of 23.75 *AMA PRA Category 1 Credit(s)*TM, including 7.0 *AMA PRA Category 1 Credit(s)*TM for the special session of the ASPNR. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Technologists: This program has been submitted to the ASRT. The number of A CE credits will be available approximately 30 days prior to the meeting. Please visit <http://asfmr.edusymp.com> or call 1-800-338-5901 regarding the availability of Category A CE credit.

Registration Information

Payment of the registration fee includes all course materials, including a comprehensive course syllabus (printed black and white syllabus or color e-syllabus), welcome reception, daily continental breakfasts, and refreshment breaks.

Cancellations must be received in writing. A \$75 processing fee will be applied to all cancellations. Refunds requested in writing prior to February 12, 2016 will be issued for the amount of registration paid, less the \$75 processing fee. No refunds will be made on or after that date.



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Optional BOLD Functional MRI Hands-On Workshop • February 27, 2016

About This Workshop

This workshop will provide a practical step-by-step post-processing of BOLD fMRI studies with SPM8 software and data presentation.

Target Audience

This CME activity is intended to educate neuroradiologists, neuroradiology fellows, physicists, clinical psychologists and MR technologists. The workshop is intended for those with beginner to intermediate level fMRI experience.

Educational Objectives

Attendees should, at the completion of this workshop, be able to perform the following:

- Preprocessing of BOLD fMRI Data
 - Realignment/Coregistration
 - Spatial Normalization
 - Smoothing
- Single Subject Analysis
 - Model Specification
 - Model Estimation
 - Visualization of the BOLD data

No special educational preparation is required for this CME activity.

Accreditation

Physicians: This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Educational Symposia and the American Society of Functional Neuroradiology. Educational Symposia is accredited by the ACCME to provide continuing medical education for physicians.

Educational Symposia designates this live activity for a maximum of 6.5 *AMA PRA Category 1 Credit(s)*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Technologists: This program has been submitted to the ASRT. The number of A CE credits will be available approximately 30 days prior to the meeting. Please visit <http://asfmr.edusymp.com> or call 1-800-338-5901 regarding the availability of Category A CE credit.

Hardware/Software Requirements

Registrants are required to bring to the workshop their own laptop with a minimum 2G of RAM and 10G of hard disk space. The machines should have preloaded SPM8 and MATLAB software prior to the workshop. DICOM BOLD fMRI practice data sets will be available at the workshop. All registrants will be given instructions on downloading SPM8 and the 15-day free MATLAB license prior to the workshop.

Program

Saturday, February 27, 2016

Essentials of Functional Imaging

- 10:00 Introduction to BOLD, Paradigm Design, and SPM
Feroze B. Mohamed, Ph.D.
- 11:00 Clinical Overview of Motor and Language Activation
Scott H. Faro, M.D.

12:00 PM Presenting BOLD fMRI Data-Statistical Processing Strategies
Devon Middleton, MS

12:15 – 12:30 **Boxed Lunch**

Language Data Processing

12:30 Practical Exercises on Language Data Processing and Review
Chris Conklin, Ph.D., Mahdi Alizadeh, MS, Anup K. Bhattacharya, B.A., Devon Middleton, MS, Feroze B. Mohamed, Ph.D. and Varun Sethi, M.D.

2:30 – 2:45 **Coffee Break**

Sensory-Motor Data Processing

2:45 Practical Exercises on Sensory-Motor Data Processing
Chris Conklin, Ph.D., Mahdi Alizadeh, MS, Anup K. Bhattacharya, B.A., Devon Middleton, MS, Feroze B. Mohamed, Ph.D. and Varun Sethi, M.D.

4:45 Review SPM Processing with Question and Answer Session

5:00 **Workshop Concludes**

SPECIAL SESSION:
American Society of Pediatric Neuroradiology

PROGRAM SCHEDULE

Sunday, February 28, 2016

7:00 – 7:55 AM **Registration and Continental Breakfast for Registrants**

IMAGING THE PEDIATRIC PATIENT

Moderator: Erin Simon Schwartz, M.D.

7:55 – 8:00 Welcome
*Erin Simon Schwartz, M.D.,
ASPNR President*

8:00 – 8:25 Optimizing Workflow for
Pediatric MRI
Aylin Tekes-Brady, M.D.

8:25 – 8:40 MRI is Better than CT for
Hydrocephalus
Erin Simon Schwartz, M.D.

8:40 – 8:55 CT is Better than MRI for
Hydrocephalus
Erin Simon Schwartz, M.D.

8:55 – 9:15 3D Fetal Imaging
David M. Mirsky, M.D.

9:15 – 9:30 Question and Answer Session
Faculty

9:30 – 9:45 **Refreshment Break
for Registrants**

ADVANCED PEDIATRIC NEUROIMAGING

Moderator: Ashok Panigrahy, M.D.

9:45 – 10:10 Clinical Applications of MRS
in Children
Ashok Panigrahy, M.D.

10:10 – 10:35 Applications of Diffusion Tensor
Imaging in Pediatrics
Nancy K. Rollins, M.D.

10:35 – 11:00 Advanced Imaging in Pediatric
Epilepsy
Bruno P. Soares, M.D.

11:00 – 11:30 Gadolinium Deposition in the Brain:
What Does it Mean?
Meng Law, M.D., MBBS, FRACR

11:30 – 11:45 Question and Answer Session
Faculty

11:45 – 1:00 PM **Lunch On Your Own**

Sunday, February 28, 2016 (continued)

KEYNOTE LECTURE

Moderator: Deborah Zarnow, M.D.

1:00 – 1:45 The Future of Pediatric Neuroimaging
Timothy P.L. Roberts, Ph.D.

1:45 – 2:00 Question and Answer Session
Timothy P.L. Roberts, Ph.D.

PEDIATRIC FUNCTIONAL NEUROIMAGING - fMRI

2:00 – 2:25 fMRI for Language Localization
in Children
Mohit Maheshwari, M.D.

2:25 – 2:50 fMRI for Motor Localization
in Children
Deborah Zarnow, M.D.

2:50 – 3:05 Question and Answer Session
Faculty

3:05 – 3:20 **Refreshment Break
for Registrants**

**PEDIATRIC FUNCTIONAL NEUROIMAGING -
MEG AND BEYOND**

Moderator: William Gaetz, Ph.D.

3:20 – 3:55 Functional Mapping with
Magnetoencephalography
William Gaetz, Ph.D.

3:55 – 4:30 Advanced Pediatric Neuroimaging:
The Neurosurgeon's Perspective
Bradley Edward Weprin, M.D.

4:30 – 4:45 Question and Answer Session
Faculty

4:45 – 5:00 Closing Remarks
Erin Simon Schwartz, M.D.

5:00 **Session Concludes**

6:00 – 7:00 ASPNR / ASFNR Joint Welcome
Reception

**10th Annual Meeting of the
American Society of
Functional Neuroradiology**

PROGRAM SCHEDULE

Monday, February 29, 2016

7:00 – 7:55 AM **Registration and Continental
Breakfast for Registrants,
Visit Exhibits and Scientific
Posters**

7:15 – 7:45 **Breakfast & Learn (TBD) ♦**

BRAIN DEVELOPMENT & THE CONNECTOME

7:55 – 8:00 Welcome
*Pratik Mukherjee, M.D., Ph.D.,
ASFNR President*

8:00 – 8:25 Diffusion MRI of Brain Development
Hao Huang Ph.D.

8:25 – 8:50 Mapping the White Matter
Connectivity of the Human Brain
Pratik Mukherjee, M.D., Ph.D.

8:50 – 9:15 The Developing Human Connectome:
A Pathway Toward Clinical
Translation?
Ashok Panigrahy, M.D.

9:15 – 9:30 Question and Answer Session
Faculty

9:30 – 9:45 **Refreshment Break for
Registrants, Visit Exhibits
and Scientific Posters**

**NEURODEVELOPMENTAL DISORDERS:
FOCUS ON AUTISM**

9:45 – 10:10 Diffusion MRI of Autism
Spectrum Disorder
Andrew Alexander, Ph.D.

10:10 – 10:35 Functional MRI of Autism
Spectrum Disorder
Jeffrey S. Anderson, M.D., Ph.D.

10:35 – 11:00 Autism Imaging: The Way Forward
Timothy P.L. Roberts, Ph.D.

11:00 – 11:20 Question and Answer Session
Faculty

KEYNOTE LECTURE

11:20 – 12:10 PM The Adolescent Brain Cognitive
Development (ABCD) Study
Terry L. Jernigan, Ph.D.

12:10 – 12:20 Question and Answer Session
Terry L. Jernigan, Ph.D.

12:20 – 1:30 **Lunch & Learn (TBD) or Lunch On
Your Own and Visit Exhibits and
Scientific Posters ♦**

Monday, February 29, 2016 (continued)

BRAIN PERFUSION & PEDIATRIC STROKE

- 1:30 – 1:55 DSC Perfusion, Permeability, and Leakage Correction
Jerrold L. Boxerman, M.D., Ph.D.
- 1:55 – 2:20 ASL Perfusion in Pediatric Brain Imaging
Arastoo Vossough, M.D., Ph.D.
- 2:20 – 2:45 Pediatric Stroke: How Can Imaging Help the Clinician?
Heather Fullerton, M.D.
- 2:45 – 3:00 Question and Answer Session
Faculty

3:00 – 3:15 Refreshment Break for Registrants, Visit Exhibits and Scientific Posters

ADVANCED PEDIATRIC BRAIN TUMOR IMAGING

- 3:15 – 3:40 Advances in Pediatric Brain Tumor Imaging
Tina Young Poussaint, M.D., FACP
- 3:40 – 4:05 Pediatric Radiogenomics
Rivka R. Colen, M.D.
- 4:05 – 4:30 Imaging the Neurocognitive Sequelae of Treatment for Childhood Brain Tumors
Janine Lupo, Ph.D.
- 4:30 – 4:50 Question and Answer Session
Faculty
- 4:50 – 5:00 Closing Remarks
Pratik Mukherjee, M.D., Ph.D.

5:00 Session Concludes

- 5:15 – 6:30 Diffusion/Perfusion Study Group Meeting ♦
- 6:30 – 8:00 Welcome Reception

Tuesday, March 1, 2016

7:00 – 8:00 AM Continental Breakfast for Registrants, Visit Exhibits and Scientific Posters

- 7:30 – 8:00 ASFNR Annual Business Meeting (Members Only) ♦

VICTOR M. HAUGHTON, M.D. HONORARY LECTURE

- 8:00 – 8:40 Resting State Functional Brain Imaging - Past, Present & Future
Bharat Biswal, Ph.D.
- 8:40 – 8:45 Question and Answer Session
Bharat Biswal, Ph.D.

Tuesday, March 1, 2016 (continued)

KEYNOTE LECTURES

- 8:45 – 9:15 Multi-Echo BOLD for Improved Resting State fMRI
Prantik Kundu, Ph.D.
- 9:15 – 9:45 Clinical Applications of Resting State fMRI
Joshua S. Shimony, M.D., Ph.D.
- 9:45 – 9:55 Question and Answer Session
Faculty

9:55 – 10:10 Refreshment Break for Registrants, Visit Exhibits and Scientific Posters

MULTI-SHELL DIFFUSION IMAGING OF BRAIN MICROSTRUCTURE

- 10:10 – 10:40 Neurite Orientation Dispersion & Density Imaging (NODDI)
Gary Hui Zhang, Ph.D.
- 10:40 – 11:10 Restriction Spectrum Imaging (RSI)
Nathan White, Ph.D.
- 11:10 – 11:40 Imaging White Matter Microstructure: Axonal Water Fraction and Myelin Water Fraction
Els Fieremans, Ph.D.
- 11:40 – 11:50 Question and Answer Session
Faculty

11:50 – 12:50 PM Lunch & Learn (TBD) or Lunch On Your Own and Visit Exhibits and Scientific Posters ♦

- 12:50 – 1:50 From the Vendors' Perspective ♦

CEREBROVASCULAR REACTIVITY & NEUROVASCULAR UNCOUPLING

- 1:50 – 2:15 Cerebrovascular Reactivity (CVR)
David J. Mikulis, M.D.
- 2:15 – 2:40 Neurovascular Uncoupling (NVU)
Jay J. Pillai, M.D.

2:40 – 2:50 Break

PSYCHIATRY: IMAGING-BASED DIAGNOSIS & IMAGE-GUIDED TREATMENT

- 2:50 – 3:15 Obsessive-Compulsive Disease & the Brain's Reward System: Neuroscience & Neuroimaging
Leo Sugrue, M.D., Ph.D.
- 3:15 – 3:40 Neuroimaging of Mood Disorders
John D. Port, M.D., Ph.D.
- 3:40 – 4:05 Real-Time fMRI Neurofeedback for Treatment of Psychiatric Disorders
David M. Schnyer, Ph.D.
- 4:05 – 4:20 Speakers' Panel
Faculty

4:20 – 4:35 Refreshment Break for Registrants, Visit Exhibits and Scientific Posters

Tuesday, March 1, 2016 (continued)

- 4:35 – 5:15 Oral Research Presentations ♦

5:15 Session Concludes

- 5:30 – 6:30 Bold fMRI Study Group Meeting ♦

Wednesday, March 2, 2016

7:30 – 8:00 AM Continental Breakfast for Registrants, Visit Exhibits and Scientific Posters

7:15 – 7:45 Breakfast & Learn (TBD) ♦

QUANTITATIVE NEUROIMAGING BIOMARKERS FOR PRECISION MEDICINE

- 8:00 – 8:05 Welcome
Pratik Mukherjee, M.D., Ph.D., ASFNR Immediate Past President
- 8:05 – 8:30 MRI Biomarkers of Tissue Microstructure: An Overview
Pratik Mukherjee, M.D., Ph.D.
- 8:30 – 8:55 T1 Rho
Christopher G. Filippi, M.D.
- 8:55 – 9:20 Quantitative Susceptibility Mapping at 3T and 7T
Chunlei Liu, Ph.D.
- 9:20 – 9:45 Chemical Exchange Saturation Transfer (CEST)
Jay J. Pillai, M.D.
- 9:45 – 10:10** Refreshment Break for Registrants, Visit Exhibits and Scientific Posters
- 10:10 – 10:35 DTI Standardization for Multicenter Studies: The TRACK-TBI Experience
Pratik Mukherjee, M.D., Ph.D.
- 10:35 – 11:00 Quantitative MEG Brain Mapping
Joseph A. Maldjian, M.D.
- 11:00 – 11:25 fMRI Standardization for Multicenter Studies: The 1000 Functional Connectomes Project
Bharat Biswal, Ph.D.

- 11:25 – 11:50 Question and Answer Session
Faculty

- 11:50 Closing Remarks
Christopher G. Filippi, M.D., ASFNR President

11:55 Meeting Concludes

INVITED FACULTY

Andrew Alexander, Ph.D.

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BOLD Functional MRI Hands-On Workshop

Bruno P. Soares, M.D.

*Assistant Professor of Radiology
Emory University School of Medicine
Atlanta, GA*

Leo Sugrue, M.D., Ph.D.

*Assistant Professor
UCSF School of Medicine
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Aylin Tekes-Brady, M.D.

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Gary Hui Zhang, Ph.D.

*Senior Lecturer
Centre for Medical Image Computing and
Department of Computer Science
University College London
London, UK*

WORKSHOP FACULTY

Scott H. Faro, M.D.

*Professor of Radiology, Electrical and
Computer Engineering
Vice Chair of Radiology
Director of Neuroradiology, Clinical MRI,
Functional Brain Imaging Center and the
Temple University MRI Core (TUMRIC)
Temple University School of Medicine
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Feroze B. Mohamed, Ph.D.

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Director of MRI Physics, Thomas Jefferson University
Adjunct Professor, College of Engineering, Temple University
Philadelphia, PA*

Chris Conklin, Ph.D.

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Thomas Jefferson University
Philadelphia, PA*

TEMPLE FUNCTIONAL BRAIN IMAGING CENTER – BOLD LAB PERSONNEL

Mahdi Alizadeh, MS

*Research Associate
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Philadelphia, PA*

Anup K. Bhattacharya, B.A.

*Medical Student
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Make Reservations

Online at:

aws.passkey.com/event/14162337/owner/13526/home

or call (800) 228-9290 and identify yourself as a registrant of the 10th Annual Meeting of the ASFNR/ASPNR

Now featuring NEWLY renovated rooms throughout, the Renaissance® Austin Hotel features distinct style and diverse personality of the Lone Star State. Nestled in the picturesque Texas Hill Country, this luxury Austin, Texas hotel at the Arboretum at Great Hills provides a tranquil environment surrounded by nature trails, yet enjoys convenient proximity to Downtown Austin, University of Texas, 6th Street, Austin Bergstrom International Airport and The Domain Shopping Center, which is just two miles away. From the dramatic nine-story atrium to the stylish oversized rooms and farm-to-table dining at the Treehouse Kitchen, the upscale amenities rival the finest hotels in Austin, Texas. The stunning outdoor reception facility accommodates intimate or grand wedding receptions, with 65,000 square feet of meeting space and is perfect for sophisticated corporate functions large and small. Discover the charming grace and distinct elegance of luxury accommodations at the Renaissance Austin, Texas Hotel at the Arboretum.

Special Discounted Group Room Rate

Single and Double Occupancy

\$189⁰⁰

Complimentary self-parking.
Valet \$23/overnight, \$17/daily.

Remember to identify yourself as a registrant of the 10th Annual Meeting of the ASFNR/ASPNR in order to qualify for the special discounted group room rate.

Make your reservations as soon as possible as room block may sell out prior to the cut-off date of **Friday, February 5, 2016**. After this date, reservations will be accepted at the discretion of the hotel, on a space and rate available basis.

RESERVATIONS MUST BE MADE BEFORE FRIDAY, FEBRUARY 5, 2016. Hotel room rates are subject to applicable state and local taxes (currently 15%) in effect at the time of check-out. Group rate available 3 days pre-and post-meeting (based on hotel availability). Check-in is 4:00 pm; Check-out is 11:00 am.

CANCELLATION: Individuals may cancel their reservations for no charge until 24 hours before arrival date.

DEPOSIT: Hotel requires a credit card to guarantee reservations.

Join ASFNR

American Society of Functional Neuroradiology Membership Information/Membership Application

Membership Categories:

Member: radiologist, neuroradiologist, physicist, or scientist who practices or has a special interest in functional neuroradiology

Associate: physician, scientist, or radiologic technologist (M.D., D.O., Ph.D., R.T.) with a special interest in functional neuroradiology but who does not fulfill the criteria for *Member* status

Student: medical, undergraduate, or graduate student, resident or fellow. Postdoctoral fellows will be considered, if they are within four years of their doctoral degree

Membership Benefits:

- Reduced Registration Fee to attend the *ASFNR Annual Meeting**
- Reduced Registration Fee to attend the *American Society of Neuroradiology (ASNR) Annual Meeting**
- Membership Certificate (*Member and Associate* only)
- Subscription to the *American Journal of Neuroradiology* at the ASNR member rate (*Member and Associate* only)- Optional
- Opportunity to join ASFNR Study Groups
- Opportunity to participate in the Scientific and Business Meetings, and activities of the Society
- Serve on standing committees, propose candidates for nomination, vote and hold elected office (*Members* only)

Applying For Membership:

If you are a current member of ASNR or:

American Society of Head and Neck Radiology (ASHNR)
American Society of Pediatric Neuroradiology (ASPNR)
American Society of Spine Radiology (ASSR)
Eastern Neuroradiological Society (ENRS)
Western Neuroradiological Society (WNRS)

1. Complete #1, 2, 3, and 8 of the membership application
2. Include prorated dues

If you are not a current member of the above societies, and are applying for *Member* or *Associate* status, you must include the following:

1. Completed membership application
2. One sponsor letter. Sponsor must currently hold ASFNR *Member* status, or the equivalent from the ASNR, ASHNR, ASPNR, ASSR, ENRS, or WNRS, and be familiar with the reputation and qualifications of the applicant and applicant's involvement and/or interest in functional neuroradiology.
3. Current curriculum vitae
4. Copy of Radiology Board or Subspecialty Certification (formerly CAQ) certificate
5. Prorated dues

If you are not a current member of the above societies, and are applying for *Student* status, you must include the following:

1. Completed membership application
2. One sponsor letter. Sponsor must currently hold ASFNR *Member* status, or the equivalent from the ASNR, ASHNR, ASPNR, ASSR, ENRS, or WNRS, and be familiar with the applicant's reputation, qualifications and involvement and/or interest in functional neuroradiology.
3. Letter from your Department Chairman verifying current status and expected date of graduation (*Student* applicants only)
4. Current curriculum vitae
5. Prorated dues

Prorated Membership Dues

A S F N R (prorated dues include application fee)		1 st Qtr.	2 nd Qtr.	3 rd Qtr.	4 th Qtr. **
Membership Category	Annual Membership Dues	Jan-March	Apr-June	July-Sept	Oct-Dec
Member	\$125 + \$25 application fee	\$150	\$112	\$88	\$150
Associate	\$50 + \$25 application fee	\$75	\$63	\$50	\$75
Student	\$25	\$25	\$19	\$13	\$25

Each Study Group's dues are \$10 (not prorated) – add \$10 for each group membership and indicate your selected group(s) with an "X". Your Study Group membership(s) will begin upon your acceptance into Society membership.

☐ BOLD fMRI
 ☐ Diffusion/Perfusion Imaging

**When dues are paid in the 4th Quarter, membership is valid through the end of the following calendar year.

***Deadline to Submit Membership Application:** If you wish to register for the *ASFNR 10th Annual Meeting* at the discounted member rate, your completed application (and any required documentation and dues) must be received **30 days prior to the Meeting**. You will receive an email confirming receipt of your application, after which you may register as an ASFNR member. If you wish to register for only the *ASNR 54th Annual Meeting/The Foundation of the ASNR Symposium 2016* at the discounted ASFNR member rate, your completed ASFNR membership application must be received **no later than 30 days prior** to the start of *ASNR 54th Annual Meeting/The Foundation of the ASNR Symposium 2016*. For more information on that meeting, log onto www.asnr.org.

(Please type or print legibly)

Membership category applied for: Member Associate Student

2. List *both* home and office (if applicable) addresses:

Home	Office
Address _____	Institution _____
City/State/Province _____	Department _____
Zip _____	Address _____
Phone () _____	City/State/Province _____
E-Mail Address _____	Zip _____
(E-mail address is <i>required</i>)	Phone () _____
	FAX () _____

- ASFNR ♦ 800 Enterprise Drive, Suite 205 ♦ Oak Brook, IL 60523-4126 ♦ Phone: 630/574-0220, ext. 234 or 226 ♦ Fax: 630/574-0661
Email: kkulpaka@asnr.org or kcammarata@asnr.org ♦ Website www.asfnr.org

Meeting Registration Form:



10th Annual Meeting of the

American Society of Functional Neuroradiology

February 28 - March 2, 2016 • Renaissance® Austin Hotel • Austin, TX



SPECIAL SESSION

American Society of

Pediatric Neuroradiology

February 28, 2016

Optional BOLD Functional MRI Hands-On Workshop

February 27, 2016

Attendance limited to the first 20 Registrants.

ASFNR16

LATE FEE: A \$50 surcharge will be added to the registration fee for onsite registrations.

REGISTRATION FEES	ASPNR SPECIAL SESSION Sun. Only	ASFNR 10 TH ANNUAL MEETING Mon. - Wed.	ATTEND BOTH ASPNR & ASFNR Sun. - Wed.	BOLD fMRI Workshop
<input type="checkbox"/> ASFNR Member	<input type="checkbox"/> \$295	<input type="checkbox"/> \$395	<input type="checkbox"/> \$495	<input type="checkbox"/> \$225
<input type="checkbox"/> ASPNR Member	<input type="checkbox"/> \$295	<input type="checkbox"/> \$395	<input type="checkbox"/> \$495	<input type="checkbox"/> \$225
<input type="checkbox"/> Non Member	<input type="checkbox"/> \$395	<input type="checkbox"/> \$495	<input type="checkbox"/> \$595	<input type="checkbox"/> \$225
<input type="checkbox"/> Fellow*, Resident*, Full-Time Military*, Technologist, Retired Physician	<input type="checkbox"/> \$100	<input type="checkbox"/> \$195	<input type="checkbox"/> \$295	<input type="checkbox"/> \$225

Select your syllabus preference:

☐ Printed Syllabus (Black & White) ☐ E-Syllabus (Color) ☐ Both at a cost of \$25.00

Subtotal \$ _____

I am: (please check one) *Must enclose letter from Director verifying status.

☐ ASFNR Member ☐ ASPNR Member ☐ Non Member ☐ Fellow* ☐ Resident* ☐ Full-Time Military* ☐ Technologist ☐ Retired Physician

Name Degree ☐ M.D. ☐ D.O. ☐ Ph.D. ☐ P.A. ☐ R.T. ☐ Other

Company / Institution Specialty

Address City / State / Zip / Country

Phone Email

Card Number / Card Type: ☐ Master Card ☐ Visa ☐ American Express ☐ Discover Exp. Date Security Code

Billing Address City / State / Zip / Country

Cardholder Signature

4 Easy Ways To Register

We Accept



INTERNET

ASFNR.edusymp.com or
www.ASFNR.org

MAIL

Check payable to ASFNR:
ASFNR
c/o Educational Symposia
5620 West Sligh Avenue
Tampa, Florida
33634-4490

FAX

(800) 344-0668
(U.S. & Canada)
(813) 806-1001

PHONE

(800) 338-5901
(U.S. & Canada)
(813) 806-1000

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Special Note for the Disabled: Educational Symposia (ESI), ASPNR and ASFNR wish to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact our office at (800) 338-5901 or (813) 806-1000.

CANCELLATIONS: Request for refund of registration fees, less a \$75.00 processing fee, will be made to those providing written notification of cancellation by February 12, 2016. After that date, there will be no refunds given for cancellations. Please email notice of cancellation to: llessa@edusymp.com or fax to 800-344-0668.

**American Society of
Functional Neuroradiology**

c/o Educational Symposia
5620 West Sligh Avenue
Tampa, FL 33634-4490

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10th Annual Meeting of the

**American Society of
Functional Neuroradiology**

February 28 - March 2, 2016 • Renaissance® Austin Hotel • Austin, TX

23.75 AMA PRA Category 1 Credit(s)[™]

SPECIAL SESSION

**American Society of
Pediatric Neuroradiology**

February 28, 2016

**Optional BOLD
Functional MRI
Hands-On Workshop**

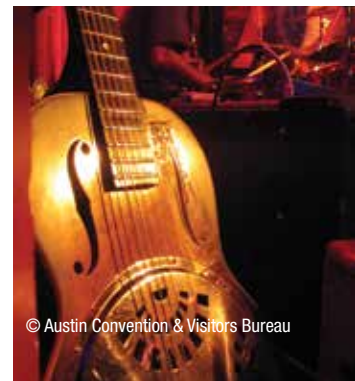
February 27, 2016

6.5 AMA PRA Category 1 Credit(s)[™]

Workshop attendance is limited
to the first 20 Registrants



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