This summer I had the privilege of representing the ASHNR at retreats sponsored by the ACR and ABR respectively. The overriding theme for both was patient safety. There was specific emphasis on radiation protection, although topics included the safe use of contrast agents, imaging of pregnant patients, etc. This emphasis is a response to the growing recognition of the role that medical imaging plays in radiation exposure of the population at large. There have been a number of articles in the lay press raising public and regulatory concerns. CT has been called out in particular because of the number of exams performed (62 million annually, 3 million in 1980) and since the radiation dose involved is in the range associated in population studies with an increased risk of cancer.

The purpose of the ABR meeting specifically was to develop performance quality improvement (PQI) projects that would fulfill part 4 of the MOC process and result in a real reduction in radiation exposure to the population at large, with particular emphasis on pediatric patients. There was acknowledgement that much needs to be done cooperatively with referring physicians, insurers, regulatory agencies and vendors as outlined recently in an ACR whitepaper in 2007. However, it was also clear that much could be accomplished in the short term by radiologists while at the same time fulfilling the MOC requirements.

Specific projects discussed in the head and neck/neuroradiology section included: (a) use of MRI instead of CT in pediatric patients being followed after CSF shunt placement. (b) Use of automatic dose reduction strategies built into CT scanners that can otherwise be bypassed. (c) Standardized reporting templates that include dose estimates from the procedure (which in the near future could be compared to a national database). (d) Recording of the patient’s cumulative dose in the medical record. The goal is to begin having ABR-approved PQI projects available by the spring of 2009.

What are we doing? As a small society with limited resources but close ties to the ASNR, the ASHNR has decided to work closely with the ASNR in developing education content that would help meet the requirements of the MOC. In the future, this could include PQI projects where the ASHNR has special expertise. Additional consideration might include specific talks at the ASHNR Annual Meeting regarding patient safety topics and funding of research from the Core Curriculum Fund. Finally, if you have developed PQI projects in your practice specifically related to head and neck imaging, we would be interested in hearing from you.
# ASHNR 42nd Annual Meeting Program

*Program Chair: Edward E. Kassel, MD*

## Wednesday, September 10, 2008

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Moderators</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45am-Noon</td>
<td>Early Bird Temporal Bone Study Club</td>
<td>Susan I. Blaser, MD, H. Ric Harnsberger, MD, and Joel D. Swartz, MD</td>
</tr>
<tr>
<td>Noon-12:50pm</td>
<td>Lunch on your own</td>
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<tr>
<td>12:50-1:00pm</td>
<td>Welcome</td>
<td>Edward E. Kassel, MD</td>
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### Head and Neck Emergencies

Moderators: Lindell R. Gentry, MD, and Patricia A. Hudgins, MD

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1:00-1:40pm</td>
<td>The Swollen Neck</td>
<td>Patricia A. Hudgins, MD</td>
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<tr>
<td>1:40-2:10pm</td>
<td>Laryngeal Trauma and Airway Compromise</td>
<td>Karen L. Salzman, MD</td>
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<tr>
<td>2:10-2:30pm</td>
<td>Temporal Bone Emergencies in Children</td>
<td>Susan I. Blaser, MD</td>
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<tr>
<td>2:30-3:00pm</td>
<td>Temporal Bone and Posterior Skull Trauma</td>
<td>Deborah R. Shatzkes, MD</td>
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<tr>
<td>3:00-3:20pm</td>
<td>Break &amp; Visit Technical Exhibits</td>
<td></td>
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<tr>
<td>3:20-3:50pm</td>
<td>Orbital-Ocular Emergencies</td>
<td>Kristine M. Mosier, DMD, PhD</td>
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<tr>
<td>3:50-4:20pm</td>
<td>Clinical Perspectives of Orbital Emergencies</td>
<td>Dan D. DeAngelis, MD</td>
</tr>
<tr>
<td>4:20-4:50pm</td>
<td>Mandibular and Facial Trauma</td>
<td>Lindell R. Gentry, MD</td>
</tr>
<tr>
<td>4:50-5:25pm</td>
<td>Craniofacial Trauma and Post-Traumatic Deformations: What the Surgeon Needs to Know and Why!</td>
<td>Oleb M. Antonyshyn, MD</td>
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<tr>
<td>5:25-5:55pm</td>
<td>Panel Discussion and Questions</td>
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<tr>
<td>5:55-6:30pm</td>
<td>Case Review: Head and Neck Emergencies</td>
<td>Joel K. Curré, MD</td>
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<tr>
<td>6:30pm</td>
<td>Opening Reception</td>
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## Thursday, September 11, 2008

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Moderator(s)</th>
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<tbody>
<tr>
<td>6:45-7:15am</td>
<td>Continental Breakfast</td>
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### Anatomy and Pediatrics

Moderators: H. Christian Davidson, MD and Caroline D. Robson, MB, ChB

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Moderator(s)</th>
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<tbody>
<tr>
<td>7:15-7:45am</td>
<td>The Suprathyroid Neck: Anatomy and Imaging Issues</td>
<td>Richard H. Wiggins, III, MD</td>
</tr>
<tr>
<td>7:45-8:15am</td>
<td>The Infrahypoid Neck: Anatomy and Imaging Issues</td>
<td>H. Christian Davidson, MD</td>
</tr>
<tr>
<td>8:15-8:45am</td>
<td>The Pediatric Skull Base: Anatomy and Imaging Issues</td>
<td>Gary L. Hedlund, DO</td>
</tr>
<tr>
<td>8:45-9:15am</td>
<td>Non-Neoplastic Neck Masses in the Child</td>
<td>Bernadette L. Koch, MD</td>
</tr>
<tr>
<td>9:15-9:45am</td>
<td>Head and Neck Neoplasms in the Child</td>
<td>Caroline D. Robson, MB, ChB</td>
</tr>
<tr>
<td>9:45-10:05am</td>
<td>Break &amp; Visit Technical Exhibits</td>
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### Vascular/Vasoformative Lesions of the Head and Neck

Moderator: Michele H. Johnson, MD

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:05-10:35am</td>
<td>Vasoformative Anomalies and Vascular Tumors</td>
<td>Anton N. Hasso, MD</td>
</tr>
<tr>
<td>10:35-11:05am</td>
<td>Endovascular Treatment of Head and Neck Vascular Pathologies</td>
<td>Karel G. terBrugge, MD</td>
</tr>
<tr>
<td>11:05am-Noon</td>
<td>Scientific Paper Session</td>
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<tr>
<td>Noon-12:05pm</td>
<td>Review of Wednesday Case-of-the-Day</td>
<td>Philip R. Chapman, MD</td>
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**Program Chair:** Edward E. Kassel, MD
12:05-1:30pm  Gold Medal Award Luncheon
   Honoring 2008 Gold Medal
   Recipient: William P. Dillon, MD

Maxilla-Mandible, Teeth, and TMJ
Moderators: Kristine M. Mosier, DMD, PhD and
Per-Lennart A. Westesson, MD, PhD

1:30-1:55pm  The Basics of Dental Anatomy and
   Nomenclature
   James J. Abrahams, MD

1:55-2:25pm  Mandibular and Maxillary Tumors
   and Mimics
   Per-Lennart A. Westesson, MD, PhD

2:25-2:55pm  New Developments in Oral
   Surgical Approaches
   Cameron M.L. Clokie, DDS, PhD

2:55-3:30pm  Craniofacial Mandibular
   Reconstructions in Children
   Christopher R. Forrest, MD, MSc

3:30-3:50pm  Break & Visit Technical Exhibits

3:50-4:50pm  Clinical, Imaging and Treatment
   Aspects of TMJ Disease
   David J. Psutka, DDS, Per-Lennart
   A. Westesson, MD, PhD, Gerald Baker,
   DDS and Edward E. Kassel, MD

4:40-5:10pm  Panel Discussion and Questions

5:10-6:30pm  Stump the Stars
   Moderators: C. Douglas Phillips, MD
   and Richard H. Wiggins, III, MD
   Panelists:
   A- Anthony A. Mancuso, MD and
   Sunesh K. Mukberji, MD
   B- William P. Dillon, MD and
   Laurie A. Loewner, MD
   C- Roy A. Holliday, MD and
   Wendy R.K. Smoker, MS, MD

6:30pm  Adjourn

Friday, September 12, 2008

6:45-7:15am  Continental Breakfast

Oral Cavity–Oropharynx–Neck
Moderators: Hugh D. Curtin, MD and
Lawrence E. Ginsberg, MD

7:15-7:45am  Normal Anatomy and Imaging
   Issues
   Kristine M. Mosier, DMD, PhD

7:45-8:15am  Diseases of the Oral Cavity/
   Oropharynx and Patterns of Spread
   Lawrence E. Ginsberg, MD

8:15-8:45am  The Buccal Space
   Deborah L. Reede, MD

8:45-9:15am  Parapharyngeal and Masticator
   Spaces
   Hugh D. Curtin, MD

9:15-9:45am  Parotid Space
   Edward E. Kassel, MD

9:45-10:00am  Break & Visit Technical Exhibits

10:00-10:05am  Review of Thursday Case-of-the-
   Day
   Rebecca S. Cornelius, MD

10:05-10:35am  A Node is a Node is a Node…or is it?
   Jane L. Weissman, MD

10:35-11:05am  Imaging of Thyroid Pathology
   Yoshimi Anzai, MD

11:05-11:30am  Case Review
   Robert W. Dalley, MD

11:30am-12:55pm  Scientific Paper Session
   Moderators: Patricia A. Hudgins,
   MD and C. Douglas Phillips, MD

12:55-1:10pm  Annual Business Meeting
   (ASHNR Members Only)

1:10pm  Lunch on your Own and Free
   Afternoon

Saturday, September 13, 2008

6:45-7:15am  Continental Breakfast

7:15-7:45am  Scientific Paper Session
   Moderators: Laurie A. Loewner, MD
   and Sunesh K. Mukberji, MD

7:45-7:50am  Review of Friday Case-of-the-Day
   Daniel P. Hsu, MD

7:50-8:20am  PET/CT for SCC: Indications and
   Imaging Technique
   Barton F. Braunstetter, IV, MD

8:20-8:50am  Larynx: Anatomy and Pathways of
   Tumor Spread
   Hilda E. Stambuk, MD

Meeting Program  continued on page 4
Meeting Program continued from page 3

8:50-9:20am Post-Treatment Imaging of the Larynx and Hypopharynx
Suresh K. Mukherji, MD

9:20-9:50am Nasopharynx and Skull Base: Normal Anatomy
Nancy J. Fischbein, MD

9:50-10:10am Break & Visit Technical Exhibits

10:10-10:40am Nasopharyngeal Malignancy and Patterns of Spread
Laurie A. Loevner, MD

10:40-11:10am Post-Treatment Neck
Daniel W. Williams, III, MD

11:10am-Noon Gold Medal Lecture
Inflammation and Cancer: Friends, Foe or Both
Peter M. Som, MD

Noon-1:10pm Lunch on your own

Temporal Bone, Skull Base, and Cranial Nerves
Moderators: Timothy L. Larson, MD and Wendy R.K. Smoker, MS, MD

1:00-1:30pm Temporal Bone: Normal Anatomy with 3T MR and 0.4 Multislice CT. How Far Can We Go?
H. Ric Harnsberger, MD

1:30-1:55pm Petrous Apex
Vijay M. Rao, MD

1:55-2:15pm Conductive Hearing Loss
John I. Lane, MD

2:15-2:35pm Sensorineural Hearing Loss
Robert J. Witte, MD

2:35-3:00pm Temporal Bone Inflammatory Disease
Joel D. Swartz, MD

3:00-3:20pm Break & Visit Technical Exhibits

3:20-3:25pm Awards Announcement for Scientific Papers and Educational Exhibits
Michelle A. Michel, MD

3:25-3:55pm The Post-Operative Temporal Bone
Timothy L. Larson, MD

3:55-4:25pm Facial Nerve
C. Douglas Phillips, MD

4:25-5:05pm Patterns of Denervation in the Head and Neck
Wendy R.K. Smoker, MS, MD

5:05-5:30pm Case Review
Bronwyn E. Hamilton, MD

5:30pm Adjourn

6:00-6:10pm Depart for Evening at Casa Loma

Sunday, September 14, 2008

7:00-7:30am Continental Breakfast

Sinonasal and Orbit Imaging
Moderator: Michelle A. Michel, MD

7:30-8:00am Orbit Imaging: Utilizing a Pattern-Based Approach
Deborah R. Shatzkes, MD

8:00-8:30am Sinonasal Disease: Critical Anatomy and Inflammatory Patterns
Christine M. Glastonbury, MBBS

8:30-9:00am Sinonasal Tumors: Imaging and Staging
Ilona M. Schmalfuss, MD

9:00-9:30am The Post-Surgical Sinonasal Patient
Michelle A. Michel, MD

9:30-10:00am Specific Imaging Issues in the Pediatric Orbit and Sinuses
Larissa T. Bilaniuk, MD

10:00-10:20am Break & Visit Technical Exhibits

10:20-10:50am Imaging of Facial Aesthetics
Charles J. Schatz, MD

10:50-11:20am The Olfactory Tract: Anatomy and Pathology
David M. Yousem, MD

11:20-11:50am Case Review
Bidyut K. Pramanik, MD

11:50-Noon Final Questions and Remarks
Edward E. Kassel, MD

Noon Meeting Concludes

Visit www.ashnr.org for information on restaurants and for things to do or see in Toronto.
The ASHNR wishes to acknowledge and thank the following members who have contributed to the *ASHNR Core Curriculum Fund* from April 15, 2008 to July 31, 2008.

The funds collected will be used by the Society to provide quality benefits and educational programs, as described in the article below.

Lindell R. Gentry, MD  
Jonathan M. Gusdorff, DO  
Jonathan A. Morgan, MD  
Bidyut K. Pramanik, MD  
Varadareddy T. Reddy, MD  

To make a tax deductible donation, send your check, made payable to the *ASHNR Core Curriculum Fund*, to: ASHNR Core Curriculum Fund, 2210 Midwest Road, Suite 207, Oak Brook, Illinois 60523-8205.

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**Mission Statement**

The mission of the CCF is to sponsor educational and research activities that advance the field of Head & Neck imaging. To this end, the CCF may:

1. Sponsor non-member educators in radiology or allied fields of medicine to speak at ASHNR Annual Meetings.
2. Defray travel costs and registration fees for head and neck radiologists who could not otherwise afford to attend the ASHNR Annual Meeting.
3. Provide grants for researchers in the field of Head and Neck Imaging as a mechanism for encouraging their development into academicians.
4. Sponsor other activities as identified by the ASHNR Executive Committee.

The CCF is dedicated to the concept of continual growth of the CCF corpus while simultaneously funding as many educational and academic activities as possible. Only new money from investments or new contributions from members will be considered for use in funding educational or research activities. Control of CCF activities rests in the hands of the ASHNR Executive Committee. All educational or research grants will be awarded based on an annual review of the funds available in the CCF. Annual Meeting non-member educator support needs and researcher starter grant applications will be reviewed on an annual basis by the ASHNR Executive Committee. An annual grant application process will be developed by the ASHNR Educational Committee to support this process.

**Guidelines**

1. Annually, the CCF may grow as a result of three mechanisms:
   - New money from CCF investments
   - New money from ASHNR member contributions
   - New money from overflow from the ASHNR Assets accounts (Money Market and Checking Accounts) as defined in the CCF Investment Policy document.
2. Once the total growth figure for the CCF is determined each year, 75% of the total dollar growth will be made available to fund as many educational and research grants. This policy allows for 25% of the total annual growth to be preserved in the CCF.
3. The CCF corpus (total assets) will never fall below the previous calendar year’s total asset value.
4. The ASHNR Education Committee at the Spring Meeting of the ASHNR Executive Committee will approve annual grant assignments.
5. The CCF should have two portfolios: Restricted and Unrestricted. The Restricted portfolio should not be spent. The Restricted funds should be invested to grow the fund corpus. The Unrestricted portfolio supplies the funding for grants and is to be maintained in a liquid account to fulfill this function.

*CCF Guidelines continued on page 7*
ASNR is pleased to announce the winners of the Outstanding Presentation Awards. The overall quality of the paper and poster presentations at the New Orleans meeting was excellent, and the winners should be commended for their outstanding work. A $1,000 award will be given to the primary author of each winning presentation.

Seven awards were presented in six categories: in Adult Brain/General Neuroradiology (two awards, one awarded by the ASNR, and another awarded by Bayer Healthcare Pharmaceuticals), Functional, Head and Neck, Interventional

Head and Neck Radiology

Paper 244: A New and Failsafe Method of Labeling Cross-Sectional Images for Sidedness
Mackey, J.K. 1 • Cunnane, M.E. 2 • Curtin, H.D. 3
(C.J. Kevin Mackey, MD, Inc., Los Angeles, CA, 2Massachusetts Eye and Ear Infirmary, Boston, MA, 3Massachusetts Eye and Ear Infirmary, Harvard University, Boston, MA)
Disclosure: J.K. Mackey, Owns the patent for the technical device presented in this abstract; M.E. Cunnane, None; H.D. Curtin, None.

General Neuroradiology

PAPER 35: Lead Exposure During Childhood Disrupts Adult Brain Metabolism
Cecil, K.M. 1 • Dietrich, K.N. 2 • Altaye, M. 1 • Egelhoff, J.C. 1 • Wessel, S.D. 2
University of Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, 2University of Cincinnati, Cincinnati, OH

Bayer Best Paper Award in General Neuroradiology

PAPER 23: Prediction of Conversion from Clinically Isolated Syndrome to Clinically Definite Multiple Sclerosis Using Diffusion Tensor Imaging
Jewells, V.L. • Chen, Y. • Speer, D. • Markovic-Plese, S. • Armao, D. • An, H. • Zu, H. • Bullitt, E. • Lin, W.
University of North Carolina, Chapel Hill, NC

Functional Neuroradiology

(Paper 211: Detection of BOLD Response to Single Stimuli in Single Functional Units of Human Visual Cortex Demonstrated at 3.0 T
Atkinson, I.C. • Nemani, A. • Flannery, M.P. • Thulborn, K.R.
University of Illinois at Chicago, Chicago, IL

Interventional Neuroradiology

POSTER 25: Automated Generation of Diffusion Tensor Tractography Maps
Nuñifora, P.G.P. • Wu, X. • Melhem, E.R. • Longhead, J. • Gur, R.E. • Gur, R.C. • Verma, R.
University of Pennsylvania, Philadelphia, PA

Pediatric Neuroradiology

PAPER 443: Histopathologic Changes in Brain Arteriovenous Malformations after Embolization with Onyx® or n-BCA
Natarajan, S.K. • Born, D. • Ghodke, B. • Britz, G.W. • Sekhar, L.N.
University of Washington, Seattle, WA

Spine Radiology

PAPER 315: Perfusion CT Measurements in Cervical Spinal Cord: Feasibility and Reproducibility of the Study as Well as Interchangeability of the Measurements Using Two Commercially Available Software Packages
Bisdas, S. 1 • Rumboldt, Z. 1 • Surlan, K. 2 • Deveikis, J. 1 • Spampinato, M. 1
Medical University of South Carolina, Charleston, SC, 2Clinical Centre Ljubljana, Ljubljana, SLOVENIA
Investment Policy Objective
1. Maintain a steady flow of funds to ensure financial growth of the CCF.
2. Fund education and research projects in head and neck radiology.

Funding Source
Society Assets
Maintain $250,000 in Money Market and Checking accounts to cover anticipated Administrative and Annual Meeting expenses. Based on total cash assets at the previous year-end, annually transfer (in January/February) excess Assets above $250,000 into the ASHNR Investment Program as follows:
- 75 percent to CCF
- 25 percent to general investment account

Decisions on future amounts and percentages of funds to be transferred are subject to change based on the discretion of the ASHNR Executive Committee, in consultation with Investment Manager.

CCF Mission Statement and Guidelines regarding preservation of CCF corpus, spending amounts, and process for submitting applications for ASHNR education and research projects will be developed by ASHNR Executive Committee with Investment Manager consultation.

Dr. Rao Named Levin Endowed Chair at Jefferson

As reported in the People in The News section of the August 2008 issue of RSNA News, ASHNR Past-President Vijay M. Rao, MD, has become the first David C. Levin Professor and Chair of the Department of Radiology at Jefferson Medical College and Thomas Jefferson University Hospital in Philadelphia.

Dr. Levin was professor and chair of the department from 1986 until semi-retirement in 2002. Dr. Rao succeeded Dr. Levin and became the first woman to chair a clinical department in Jefferson's 194-year history. The endowment resulted from a gift to Jefferson in Dr. Levin's honor by Arthur and Marilyn Penn of New York.

Resources available at www.ashnr.org

We encourage you to visit the ASHNR website, www.ashnr.org. You will find complete information on the ASHNR 42nd Annual Meeting. You will be able to register online and make your hotel reservations, as well as download the complete registration brochure that includes the program schedule. You will also find a link to the American Journal of Neuroradiology, ASHNR's official journal, and a membership application. Invite a colleague to apply.

In the Members Only section, you can access the online membership directory, and past issues of ASHNR News. To access the Members Only section, use the following User Name and Password:

User Name: ashnrmember
Password: world
ASHNR 2007–2008 Executive Committee

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