

## ASHNR NEWS VOL 16, NO. 2 | SUMMER 2015

#### MESSAGE FROM THE PRESIDENT



## Innovations in Radiology

Yoshimi Anzai, MD, MPH

The ASHNR 49th Annual Meeting is just a few weeks away. I am looking forward to seeing you in Naples Florida, at the beautiful beachfront property, the Naples Grande Beach Resort hotel. My dearest colleague at the University of Utah, Dr. Richard Wiggins has been in full speed for the final preparation of the execution of the Annual Meeting. We have the highest number of abstract submissions and the room block was sold out weeks before the registration deadline. The ASHNR Education Committee, lead by Dr. Ilona Schmalfuss, has worked tireless hours in reviewing the abstracts. We are so grateful for those volunteers to support the missions of ASHNR. I am absolutely confident that this will be another very successful ASHNR meeting. Please see Dr. Wiggins's report in this newsletter for the recent update.

I attended the ACR Intersociety Summer Conference at Devil's Thumb Ranch in Colorado along with our ACR Councilor, Dr. Peter McCreight. The whole discussion focused on "Innovation in Radiology." Radiology has made tremendous contributions to medical diagnosis and health sciences over the past 100 years. Medical imaging has changed the way we diagnose many diseases, choose the best treatment option, triage patients in the emergency room, and predict the prognosis of various conditions. Particularly in the last four decades of "the Golden Age of Technical Advancement in Radiology", we made CT, MR, and PET widely accessible for patient care. Can you imagine if we stopped our innovation at X-ray? What if polytomography were still used to diagnose cholesteatoma? The question is "Now what?" How can we continue our momentum of innovation in Radiology? As you can imagine from your daily clinical practice, it is very hard to think of something completely "Out of the Box." The increased clinical volume, the large volume of data to process per case, and the pressure for timely completion of radiology reports forces us to run like "a mouse in a wheel".

Looking at external forces, such as Medicare or UHC (United Health Consortium), US healthcare is soon moving from a Volume- to Value-based payment model. We have to ask ourselves, how we can demonstrate that what we do in radiology adds value to patient care, how imaging contributes to treatment decisions, and ultimately improve outcomes or safety. The standardization of protocol and care is one place to start, even though we all have our own opinion as to what needs to be done and how we do things. ASHNR is working to develop dictation templates for various common imaging studies. It is not mandated that you have to adapt, but if you want, it is there for you to take home.

Research is increasingly difficult to accomplish in the current environment, mainly due to a lack of protected academic time. Scattered underpowered publications do not create strong evidence to convince payers or policy makers. ASHNR has been working to create MICHANIC (Multi-Institutional Collaborative Head and Neck Imaging Consortium) to enhance the efficiency of H&N imaging-related research. The idea is to collect data from multiple institutions using similar methods to gather larger data in a timely fashion and gain the statistical power. Dr. Jenny Hoang leads the discussion on 4D CT for parathyroid adenoma. DCE MR will be in the pipeline for the next targeted project. We are open to any new research ideas and suggestions. Please feel free to contact me.

What can you do to help? I ask all of you to donate to the ASHNR CCF (Core Curriculum Fund) so that we can fund talented young researchers. It is our investment in future innovation. Last year, we had increased the amount of the Hanafee Grant funding from \$15,000 to \$25,000 and also created smaller seed grants at the level of \$3,000 for



## Message From the President (continued)

junior faculty or trainees. As a result, we have received the largest number of applications this year. I would like to thank the ASHNR Research Committee for their time and efforts to review these Grant applications. A quote from my dear friend from the University of Washington, Dr. William Yuh is "No money, No honey." Donate any amount you can. Please support ASHNR. Please go to www.ashnr.org and you will see Core Curriculum Fund in the left lower corner.

I am so looking forward to seeing you all at Naples. Have safe travels.



49th Annual Meeting Preview

Richard H Wiggins, III, MD, CIIP, FSIIM, President Elect/ Program Chair

I am honored to be allowed to serve you as the Program Chair for the ASHNR 49th Annual Meeting, "Comprehensive Head and Neck Imaging." The meeting this year will be held at the Naples Grande Beach Resort, in Naples, Florida, on September 9-13, 2015. This 2015 Program will include the best lectures from the largest group of head and neck imaging experts in the world. The full range of head and neck imaging issues will be covered, from the skull base and cranial nerves to the thoracic inlet and everything in between.

I want to thank my program committee for all their work in putting together an excellent schedule for this year: Drs. Anzai, Cornelius, Gentry, Ginsberg, Robson, Schmalfuss, and Shatzkes. There will be 27.5 AMA PRA Category 1 Credit(s) TM total hours of CME available to you, and certain sessions of the meeting program will be submitted for a total of 8 SAM credit qualifications. We will also have the popular Case of the Day posters, where you can enter your guesses for fun and exciting prizes!

The brochure can be found on the Society web site: www. ashnr.org along with a link for conference registration. We were amazingly lucky to get almost 300 abstracts submitted this year, as the Society continues to thrive and grow.

The meeting will follow the favored sessions of the past several years, starting with the Early Bird Temporal Bone Session on Wednesday, September 9, 2015, from 10:00-11:30 AM. It is really impressive how this grew so quickly from just a few people to a full room for these popular sessions in only a few years. It is a great opportunity to bring your unique cases to

show the temporal bone experts. Bring your best cases with anonymized images on a flash drive for the presentation sessions, and share your knowledge with your colleagues.

The meeting program will officially begin on Wednesday afternoon, September 9, 2015, at 1:00 PM, with the Cervical Soft Tissues. The speakers will educate us on the imaging anatomy and pathology of the suprahyoid and infrahyoid neck. A special Hot Topic session on 4D CT will then be followed by the William N. Hanafee, MD Research Grant Award presentations. I hope these two presentations will inspire you to recognize the immense potential of this Grant to further head and neck imaging and convince you to contribute to the ASHNR Core Curriculum Fund to support future research.

Thursday will be Skull Base and Temporal Bone Day, beginning with the first Scientific Paper session, followed by the first of 4 SAM sessions. The afternoon sessions on skull base and cranial nerves will focus on this complex anatomy. The day will end with the strangely sought-after Game Show. Literally anything can happen here. No, I'm seriously not exaggerating this time, there may be blood spilled...careers may be destroyed...it might be hilarious...and it might be a disaster. But I'm sure that technically you would want to be there for either one to see it happen live.

Friday will start with an Orbital session, followed by a dedicated Head and Neck Ultrasound session. The increasing public concern and awareness of radiation dose issues makes ultrasound an increasingly desired option for evaluation of head and neck masses and biopsy options. This section will highlight the Galdino E. Valvassori, MD Inaugural Lecture on the Evolution of Head and Neck Ultrasound. The ASHNR has grown from Dr. Valvassori's annual 1970s post-graduate course on head and neck imaging, and I hope that you will join me in not only honoring him, but in demonstrating the impressive growth and strength of the Society through his vision. This session will include lectures by some of the world's experts on head and neck ultrasound imaging and interventional techniques. The extremely popular Hands-on



## 49th Annual Meeting Preview (continued)

Ultrasound Workshop will be on Friday afternoon. But sign up early, these sessions are in increasing demand and will fill up.

Saturday will continue the great talks with dedicated SAM sessions on the nose and paranasal sinus sessions, upper aerodigestive tract, larynx and hypopharynx, the second Scientific Paper session, and a session on advanced imaging techniques. The Award announcements will conclude the program and will be followed by the Gala Pool party (Had to change it from the beach – too many complaints about sand getting everywhere...). Wear your swim suit, I'm sure that some people are going in... voluntarily, or not...you were warned...yes, you know who you are...

After most people have recovered, Sunday will conclude the conference with Pediatrics and Trauma sessions continuing the great educational sessions to finish the conference at 12:00, at which point I will release you to return to your normal activities of daily living.

Naples is a vibrant city on the west coast of Florida that is known for its amazing dining, shopping, calm seas, and some of the best beaches in the world. This is a small, but cosmopolitan city, where outside activities range from golf, to tennis, to fishing, and where there is close access to secluded islands and the Florida Everglades. The Naples Grande Beach Resort is a luxury resort with beautiful white sand beaches, home to world-class golf, a full-service spa, and exquisite dining options. This is a laid-back city in a casual state, so you can expect a relaxed environment for the resort and the meeting. You may need to fly into Fort Myers (RSW), just FYI, and drive to the Resort (it is about 30-minute drive, yes, it will be worth it, seriously, how could you even ask that?). This is a relaxed city, so pack beach and pool wear appropriately. Men, please do not bring a necktie; women, please do not bring... whatever you think the female version of a necktie is...

I sincerely hope that you will attend the ASHNR 49th Annual Meeting. If you are new to the Society, I would like to introduce you not only to the current leaders of head and neck imaging, but also the up-and-coming stars who will guide the future of this complex specialty.

## **Meeting Announcement**

ASHNR Active and Affiliate members are invited to attend the

#### 2015 ASHNR Annual Business Meeting

Saturday, September 12, 2015 Noon-12:30pm Royal Palm Ballroom Naples Grande Beach Resort Naples, Florida



## In Memoriam- William W.M. Lo, MD

John L. Go, MD

William W.M. Lo, MD passed away on July 16, 2015 after a long illness peacefully surrounded by his family at home. Known as Bill by his friends and colleagues, he was born August 24, 1934 in Hong Kong. Attending the University of lowa Medical School, he graduated in 1960, and completed radiology residency as well as fellowships in cardiovascular radiology and neuroradiology at the Los Angeles County-University of Southern California Medical Center from 1961-1966. His first and only job was as a radiologist at St. Vincent Medical Center from 1966-2005, where he served as Chief of Neuroradiology from 1983-1986 and 1989-2005, serving as chair of Radiology from 1986-1989. Bill also served as Clinical Professor of Radiology at the Keck School of Medicine at the University of Southern California from 1989 to 2015.

Bill joined St. Vincent Medical Center to work with the Otologists at the world famous House Ear Clinic where he developed a successful and fruitful collaborative relationship for over 40 years during the Golden Age of Radiology. world expert А on temporal bone imaging, Bill published over 50 peer-review articles on the temporal bone, 18 book chapters, and gave over 150 national and



Dr. William Lo received the ASHNR 2007 Gold Medal from Dr. Roy A. Holliday during the ASHNR 41st Annual Meeting at The Fairmont Olympic Hotel in Seattle, Washington.

international invited lectures during his career. Some of his major contributions to temporal bone imaging include describing the aberrant carotid artery, descriptions of the endolymphatic duct and sac and pathology, and defining and describing pathology of the anterior epitympanic space, just to name a few, besides beautiful and descriptive pictorials of temporal bone anatomy. Because of his seminal work on temporal bone imaging, Bill was honored with the ASHNR Gold Medal Award in 2007 as well as a Presidential Citation Award from the American Otological Society in 2007.

Bill was also active in the radiology community, being elected as a fellow of the American College of Radiology in 1982, president of the Los Angeles Radiological Society 1986-1987, and president of the Western Neuroradiological Society in 1991.

Besides radiology, Bill had a lifelong enthusiasm for other cultures and travel. Also a photography enthusiast, he has travelled the world with his wife Rhoda and was an active participant of the travel series documenting his trips as a

> series of lectures at St. Vincent Medical Center which was always well attended and standing room only including a visit by National Geographic. Meeting Bill in 1996, I was immediately struck by his unassuming personality with meticulous and thoughtful mastery of the King's English. Every word spoken was always carefully chosen, with perfect syntax and tone. Truly a world expert on the temporal bone, I have definitely learned a great

deal from him. Losing friends can be difficult, losing people who you respect and admire is harder still.

Bill is survived by his wife Rhoda of over 60 years, his sons Ken and Clifford Lo, his granddaughter Sophie, besides all those who have gained from his contributions to our field.



Driving Innovation in Radiology- a brief summary ACR 2015 Intersociety Summer Conference Tabernash, Colorado-July 24-26, 2015 Peter H.B. McCreight, MD, FACR- ACR Councilor

**Current Obstacles to Innovation in Radiology:** Legislation/ regulation to reduce Radiology payments, Static federal research funding, Employers shifting financial responsibility to patients, RBMs and pre-authorization, Obamacare tax on medical devices, Diagnostic radiation scare. These have led to diminished sales of devices and greater caution in pursuing innovation.

**Building Blocks for Innovation:** "No" is off the table. Innovation is both individual and collaborative. Focus is critical. Passion is even more critical. Empathy to meet customers' needs. Change is difficult but necessary. Everything must be challenged. Chance often plays a role.

**Innovation in Radiology Devices:** Must create clinical value, but this does not assure payment. Technology innovation is shifting from incremental product features to decreasing cost of care. Major opportunity exists in technology which can predict treatment responders.

**Innovation in Molecules:** New model is shared risk where industry creates an environment, but researchers design, execute and fund studies.

**Innovation in Information Technology:** The future of Radiology IT already exists, just not in Radiology IT systems. New systems should tailor/filter access to relevant clinical information from the EMR and present it to the Radiologist. New systems should adapt to the specific study/clinical context and to the user's preferences with an intuitive user interface.

**Innovation in Basic Science Research:** Basic science research requires a department to have a strong research culture, PhDs, strong infrastructure (personnel and facilities) and financial resources (campus, department, NIH and the RSNA). There are emerging research opportunities such as metabolic/ molecular imaging, image-guided therapy, quantitative MSK imaging and neurodegenerative diseases. Create a model for Collaborative Industry-Radiology Department Clinical Trials Alliance.

Innovation in New Educational Techniques for Teaching Millennials: New techniques include "flipped classrooms", interactive learning and small groups.

**Encouraging Innovation:** Innovate before a problem arises. "Innovation" as an agenda item at institutions, societies, shareholder meetings. An element of innovation is diversity (thought, talent and cultural background). This could be encouraged by grants requiring collaboration across specialties and sending radiologists to other institutions/other society meetings.

## Outstanding Presentation Award in Head and Neck Radiology from ASNR 53rd Annual Meeting

As reviewed and selected by a panel of members of the ASHNR 2014-2015 Education Committee, Dr. A. Postma from the Maastricht University Medical Centre in Maastricht, NETHERLANDS was selected as the recipient of the ASNR 2015 Outstanding Presentation Award in Head and Neck Radiology. The title of Dr. Postma's paper, presented at the ASNR 53rd Annual Meeting, was **Detection of Bone Marrow Edema of Pig Mandible with Dual-Energy CT Derived Virtual Non-Calcium Images.** 



## ASHNR Member-at-Large Election Results

Michelle A. Michel, MD, Immediate Past President/ Chair, Nominating Committee

As Immediate Past President of the ASHNR, it was my honor to serve as the Nominating Committee Chair this year. As you may recall, at the ASHNR 48th Annual Meeting in Seattle, a number of revisions to the Bylaws were approved by the membership. One of the Bylaws changes is that there will now be two Members-at-Large who will serve on the Execute Committee and will be elected by *Active* Members of the Society. There will be **one Junior** (*Active* member serving the society for 10 or less years) and **one Senior** Member-at-Large (*Active* member serving the society for at least 10 years). Earlier this year, two candidates for each of the Member-at-Large positions were approved by the ASHNR Nominating and Executive Committees. One June 9, an online election ballot was emailed to all active members and voting for one candidate for each of the positions was completed on June 30. I am very happy to report that Dr. Ashley H. Aiken has been elected as the Junior Member-at-Large and Dr. Christine Glastonbury has been elected as the Senior Member-at-Large. Dr. Aiken is an Associate Professor of Radiology and Imaging Sciences at Emory University and is the Program Director for the Neuroradiology Fellowship. Her service to ASHNR includes terms on the multiple committees. Her longest committee service was on the Education Committee, where she participated in abstract, poster and oral presentation reviews and organized the "Case of the Day" presentations for the 2013 meeting in Milwaukee. Dr. Glastonbury is Professor of Radiology & Biomedical Imaging, Otolaryngology-Head & Neck Surgery and Radiation Oncology at UCSF. Dr. Glastonbury is a long time member of the ASHNR and has been actively involved in multiple committees over the years. Both Ashley and Christine are outstanding speakers and are consistently invited to lecture at our annual scientific meetings.

Drs. Aiken and Glastonbury will join the 2015-2016 Executive Committee upon approval by the membership at the Annual Business Meeting on Saturday September 12th.

# ASHNR Appreciates the Generous Member Support of the Core Curriculum Fund

The ASHNR gratefully acknowledges the support and generosity of those who contributed to the Fund between April 1 and August 10, 2015:

Joseph M. Aulino, M.D. David J. Feldman, M.D.

John H. Rees, M.D.

Ilona M. Schmalfuss, M.D. Richard H. Wiggins III, M.D., CIIP, FSIIM

## Ways to make a tax deductible contribution to the CCF:

- 1. Online at www.ashnr.org
- 2. Check, payable to ASHNR Core Curriculum Fund, to: ASHNR Core Curriculum Fund, 800 Enterprise Drive, Suite 205, Oak Brook, Illinois 60523-4216
- 3. Phone 630-574-0220 ext 222

Help support your future, contribute today!



## Welcome New Members!

Following are the 70 new members who joined the Society between August 19, 2014 and August 11, 2015

### Active (26)

Lev Bangiyev, DO Stony Brook University Medical Center Stony Brook, New York

Dhiraj Baruah, MD Medical College of Wisconsin Milwaukee, Wisconsin

Gustavo S. Boasquevisque, MD Clinica Cedirp Ribeirão Preto/SP, BRAZIL

**Neil M. Borden, MD** University of Vermont Medical Center Burlington, Vermont

Manuel T. Borges, MD University of Colorado Aurora, Colorado

Andrew H. Chang, MD St Luke's Hospital System Houston, Texas

Abigail M. Childs, MD Milford Regional Medical Center Milford, Massachusetts

Renata F. Diniz, MD Hospital Mater Dei Belo Hori, BRAZIL

**Kevin Dul, MD** Gaston Radiology Gastonia, North Carolina

Marcus C. Evans, MD Radiology Associates of Macon Macon, Georgia

Alexander Filatov, MD Stony Brook University Hospital Stony Brook, New York

Ryan T. Fitzgerald, MD University of Arkansas for Medical Sciences Little Rock, Arkansas

Marion A Hughes, MD University of Pittsburgh Medical Center Pittsburgh, Pennsylvania

Vikas Jain, MBBS MetroHealth Medical Centre Cleveland, Ohio

**Ayse T. Karagulle-Kendi, MD** Emory University Atlanta, Georgia

Jimmy S. Lee, MD, PhD Vancouver General Hospital Vancouver, British Colombia, CANADA Harvinder Maan, MD Banner M.D. Anderson Gilbert, Arizona

Vinh N. Nguyen, MD Simon Med Newport Beach, California

John I. Nwankwo, MD New York University New York, New York

Yoav Parag, MD Englewood Hospital and Medical Center Englewood, New Jersey

Wesley C. Pruett, MD Santa Fe Imaging Santa Fe, New Mexico

**Derek J. Schemmel, MD** Drs. Mori, Bean & Brooks, PA Jacksonville, Florida

Volodymyr Statsevych, MD Cleveland Clinic Cleveland, Ohio

Maria P Del Pilar Valencia Velez, MD University of Texas Health Science Center San Antonio, Texas

Thinh H. Vu, MD University of Texas M.D. Anderson Cancer Center Houston, Texas

T. Thomas Zacharia, MD Penn State Milton S. Hershey Medical Center Hershey, Pennsylvania

#### Affiliate (2)

**Deeba Nisar Kashtwari, BDS, MS** University of Florida College of Dentistry Gainesville, Florida

Madhu K. Nair, DMD, PhD University of Florida Gainesville, Florida

## In-Training (42)

**Jay P. Agrawal, MD** Mayo Clinic Rochester, Minnesota

**Douglas J. Alden, MD** University of New Mexico Health Sciences Albuquerque, New Mexico

**Taleb Almansoori, MD** Ottawa Hospital Civic Campus Ottawa, Ontario, CANADA Scott A Atkins, MD University of California, San Diego San Diego, California

**Fahad Baabdullah, BDS** University of Florida Gainesville, Florida

Fatima F. Badr, DDS University of Florida College of Dentistry Gainesville, Florida

Anmoldeep S. Bajaj, MD University of Maryland Medical Center Baltimore, Maryland

Sevin Barghan, DDS, MSc University of Florida Gainesville, Florida

John J. Chua-Tuan, MD University of California San Diego San Diego, California

Jeffrey A. Chuy, MD University of Miami Miller School of Medicine Miami, Florida

Sheilah M. Curran-Melendez, MD Allegheny General Hospital Pittsburgh, Pennsylvania

Puneet S. Devgun, DO Penn State University Hershey, Pennsylvania

Whitney L. Finke, MD Indiana University Indianapolis, Indiana

Justina S. Kennedy, DMD, MA University of Florida College of Dentistry Gainesville, Florida

John Kim, MD Brigham & Women's Hospital Boston, Massachusetts

Jared D. Kirkland, MD David Grant Medical Center - Travis AFB Travis AFB, California

Manohar Kuruva, MD UAMS Little Rock, Arkansas

Benjamin Y. Kwan, MD University of Western Ontario London, Ontario, CANADA

**Salvatore V. Labruzzo, DO** Johns Hopkins Hospital Baltimore, Maryland



#### In-Training (continued)

Edward Churk Fung Lam, MD University of New Mexico Albuquerque, New Mexico

**Daniel Jue Lam, BA** University of Chicago Chicago, Illinois

Abdullah Ahmad Lamfon, BDS University of Florida Gainesville, Florida

**Eric A. Liao, MD** University of Michigan Ann Arbor, Michigan

**Igor Maryanchik, DDS** University of Florida Gainesville, Florida

Anthony R. Mecham, DMD University of Washington Seattle, Washington

Tamari A. Miller, BA University of Chicago Chicago, Illinois Wajdi A. Mohammed, BDS University of Florida Gainesville, Florida

Andreea G. Moore, MD University of Michigan Health System Ann Arbor, Michigan

Mohammed R. Mustafa, MD Rizgary Hospital Erbil, IRAQ

**Ilana Neuberger, MD** Boston Children's Hospital Boston, Massachusetts

**Zubad Newaz, DDS** University of Florida Gainesville, Florida

Arian M. Nikpour, MD UC Davis Medical Center Sacramento, California

Andrew J. Pakchoian, DDS University of Connecticut Farmington, Connecticut

Veerinder Pannu, BDS, MS University of Florida Gainesville, Florida Milan N. Patel, MD University of Illinois at Chicago Chicago, Illinois

Babak Saboury, MD, MPH University of Maryland Baltimore, Maryland

Ted A. Seltman, MD Indiana University Indianapolis, Indiana

J. Nathan Smith, MD Indiana University Indianapolis, Indiana

**Mehrnaz Tahmasbi Arashlow, DDS** University of Florida College of Dentistry Gainesville, Florida

Alysha K Vartevan, DO LarkinCommunity Hospital South Miami, Florida

Jeremy S. Whang, MD Mount Sinai Beth Israel Medical Center New York, New York

Sergey I. Zhadanov, MD Mount Sinai Hospital New York, New York

## Upcoming Meetings

49th Annual Meeting September 9-13, 2015 Naples Grande Beach Resort Naples, Florida

#### 50th Annual Meeting September 7-11, 2016 Hyatt Regency Washington on Capitol Hill Washington, DC

## Offices

#### ASHNR Administrative Office

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## ASHNR 2014-2015 Executive Committee

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Rebecca S. Cornelius, M.D., FACR Treasurer Deborah R. Shatzkes, M.D. Secretary

Michelle A. Michel, M.D. Immediate Past President

Karen L. Salzman, M.D. Rules Committee Chair

Caroline D. Robson, MB, ChB Member-at-Large Peter H.B. McCreight, M.D., FACR ACR Councilor

Ilona M. Schmalfuss, M.D. Education Committee Chair