In early 2013, two of the Department’s own -- Professor Emeritus Dr. Richard Clark and Immediate Past Chair and Scatliff Distinguished Professor of Radiology Dr. Joseph KT Lee – received career honors from two prominent radiological societies. In late February, Dr. Clark received the Howard M. Pollack Medal, the Society of Abdominal Radiology (SAR)’s annual award to a distinguished radiologist who has made an outstanding contribution to the fields of uroradiology and abdominal radiology. In mid-April, Dr. Lee received the American Roentgen Ray Society (ARRS)’s highest honor, the Gold Medal, awarded annually to a distinguished group of radiologists. A week thereafter, Lee was also honored as one of Washington University Medical Center’s four 2013 Alumni Achievement Award recipients.

Clark’s career research and leadership achievements within the Department of Radiology and the SAR (a 2012 merger of the Societies of Gastrointestinal Radiologists and Uroradiology) affirm his selection as the 2013 Pollack Medalist. Appointed to UNC faculty in 1973 as Associate Professor, his primary goal was to help [Chairman Emeritus] Dr. James Scatliff establish a more visible laboratory research program. During his active faculty years, multiple leadership roles -- Division of General Diagnostic Radiology Director; Director of Genito-urinary (GU) Radiology Acting Chair; Associate Department Chairman; Vice Chairman for Research; and School of Medicine Scientific Integrity Officer -- distinguished Clark within the Department and at UNC. His departmental GU leadership leveraged a range of Society of Uroradiology roles, including its annual meeting chair (1985), board member and most importantly, its presidency (1997-1998). He was recently named SUR/SAR co-historian (2012).

“As the co-founder of the [former] Society of Uroradiology, Howard Pollack was appropriately chosen for naming this award,” said Clark. “Pollack was to GU radiology what Ernest Wood or Juan Taveras were to neuroradiology, or Wilhelm Roentgen was to the field of radiology as a whole.”

Serving as Director of General Diagnostic Radiology and GU Radiology and Microangiographic Research Laboratory head across his faculty years, Clark was a clinically savvy diagnostician, an able administrator and a creative researcher. His eight years as Vice Chair for Research under [Immediate Past Chair] Dr. Joseph KT Lee allowed him to pursue one of his academic true passions – conducting and supporting basic radiologic research in an active clinical environment.

Clark’s work in basic radiologic research initially came about under then-Chair Dr. Scatliff. The underlying anatomic causes of pathophysiological changes that radiologists see during GU diagnostic interpretations keenly interested Clark. Scatliff encouraged him to study and apply his microangiographic techniques to translational animal models of human diseases such as papillary necrosis, transplant rejection and acute renal failure in UNC’s Radiology Research Labs.

“I was not particularly interested in studying radiological technology to improve, for example, CT or MR imaging. The scientists who really advance the quality of our radiological modalities are usually not physicians, but physicists. It is equally important to study the pathophysiological changes we see as clinical radiologists, which can be clarified through examining micro-structure and function of organs.”

In his February acceptance speech, Clark stated: “Dr. Pollack was very supportive of my early work in renal microangiography, which was certainly not a mainstream academic GU endeavor. Pollack realized I was not particularly interested in the technical aspects of radiology and was more comfortable wearing a GU

Dr. Richard Clark honored as 2013 SAR Howard M. Pollack Medalist
Photo courtesy of SAR
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pathologist or anatomist’s hat.”

Clark brought to the table radiologic anatomy and pathology knowledge in collaborating on research projects related to kidney disease with UNC Pathology, Nephrology and Urology faculty. By the time he was appointed Vice Chair for Research under then-Chair Dr. Lee, Clark had built a solid bridge of cross-campus research relationships between departmental faculty and basic scientists. Taking on greater departmental and institutional administrative roles, however, necessitated giving up much of his beloved laboratory-based research activity for leadership commitments.

A Professor Emeritus since 2005, Clark still guest lectures and assists development initiatives, among other activities, for the Department. A SAR member since 1979, he has also attended almost every annual meeting and has focused on keeping older members involved in the Society.

“I am institutionally and organizationally loyal person. I’m honored to have received the Pollack Medal because it traditionally honors SUR/SAR members who’ve been particularly loyal and administratively effective. Since my 1973 departmental appointment, I have also been impressed by our culture of long-term service. The strong and effective leadership and ever-present faculty support over these past 40 years continue to make me want to give back.”

Like Clark, Lee is an academic standout in leadership and research, to the extent that two pinnacle career honors this spring affirm his impact on both the field of radiology and medicine itself.

Broadly summarized as ARRS’ “highest honor awarded to recipients for distinguished service to radiology,” the Gold Medal in part recognizes Lee’s leadership in radiology, most notably as ARRS’ 2010-2011 President, as well as to the institution as UNC’s Department of Radiology Chair (1991-2006). Lee has also served as Society of Computed Body Tomography and Magnetic Resonance President, as well as Society of Chairmen of Academic Radiology Departments President. Where institutional and professional leadership merge, Lee has significantly been UNC’s only Department of Radiology faculty member named to ARRS’ presidency in its years of existence. He also became ARRS’ first Asian-American president. ARRS gold is not the first of its kind for Dr. Lee. In 2008, he received the Asian Oceanian Society of Radiology Gold Medal.

Lee’s receipt of the 2013 Gold Medal also affirms his published research achievements -- 160 scientific papers, 31 book chapters, and seven books -- including lead editorialship of the landmark, first comprehensive text on Body CT -- Computed Body Tomography with MRI Correlation -- first published in 1982. The fourth edition was published in 2006.

At the April Gold Medal ceremony, Dr. Mauricio Castillo -- Department Neuroradiology Division Chief, long-time colleague, and an early recruit of Lee’s -- opened in tribute: “What strikes me as one of [Lee’s] most special qualities is his generosity, one that leads him to share with all those close to him knowledge, enthusiasm, patience, and understanding of the complexity of human nature. Although I do not share his subspecialty, those who do speak in awe of his clinical acumen. … When one of us has an issue, he listens patiently, calmly assesses our situation and always offers the best advice. At the beginning of our careers, many of us were left to work alone. That is, he never interfered with the work of our divisions, and this allowed us to grow.”

In his acceptance speech, Lee reflected: “When I first came to this country as a student in late 1960’s, I never dreamed that I would be receiving the highest honor from the oldest professional radiology society in this land of immense opportunity. … Suffice to say I was at the right time and the right place at [Washington University’s] Mallinckrodt Institute of Radiology when Body CT was first introduced. The faculty, colleagues and trainees of that great institution as well as those at UNC help make me who I am as a radiologist, and as a person.”

Though Lee’s CV confirms routine honors for achievements in radiology, he may ponder less any pending recognition of his impact on the realm of medicine itself. In late 2012, Washington University named Lee amongst its four School of Medicine 2013 Alumni Achievement Award recipients. In his own words, Lee was caught completely off guard, especially in learning a former Washington University colleague had nominated him.

“It’s always an honor to be recognized by one’s peers,” noted Lee. “The joke with awards in career medicine is that they come at the end of your career. I’m as active now as I was during my years as chair. I guess I should feel particularly honored to receive this recognition at a point when I have no intention of retiring from radiology.”

Though active as Abdominal Imaging clinical faculty, Lee is reluctant to exert influence on administration, affirming his belief that a chair’s successor should lead unimpeded by the former. Beyond the Department, however, his insights as a past chairman aren’t overlooked. In May 2013, UNC’s School of Medicine Executive Associate Dean for Faculty Affairs tapped him to participate in the five-year review process of one of the School of Medicine departmental chairs. It’s clear that Lee’s dual career honors in April come at a time when his emeritus faculty years are hardly upon him.
The Department would like to congratulate Assistant Professor of Radiology Dr. Yueh Z. Lee for being chosen as one of five UNC clinical fellows in June 2012 by the University’s Lineberger Comprehensive Cancer Center for exceptional research accomplishments and clinical excellence. In the program’s second year, Lee and the four other clinical fellows were honored at a reception at UNC’s Lineberger Cancer Center. Each honoree received a $3000 monetary award and a plaque noting the distinction.

Receiving the Lineberger award reinforces Lee’s long-standing research accomplishments at UNC and within the Department of Radiology. During Lee’s four years as a Biomedical Engineering PhD student, the Department’s Vice Chair of Basic Research Dr. Weili Lin advised his study of MR imaging of stroke. Over several years, such work earned Lee first place in the co-sponsored, now-entitled BRIC/Radiology Research Day competition.

An Adjunct Assistant Professor in UNC’s Department of Physics and Astronomy since 2006, Lee has studied carbon nanotube imaging in depth, serving as a key member of a research team that invented carbon nanotube-based x-ray source array technology. Lee explored clinical applications of this technology as he transitioned from five years of training in the Department as a Diagnostic Radiology resident and Neuroradiology fellow to appointment as Assistant Professor. His efforts to develop a pre-clinical imaging system has led to a Lineberger-sponsored study on use of carbon nanotube stationary digital breast tomosynthesis versus digital mammography in imaging breast lesions. Lee’s co-principal investigator for this study is Associate Professor Dr. Cherie Kuzmiak.

Lee noted: “I am honored by Lineberger’s recognition of our work that started over a decade ago. We are watching the birth of a modality invented, developed and translated entirely at UNC.”

The Department would like to congratulate Dr. Julia Fielding for being named the American College of Radiology (ACR)’s first head of the organization’s newly formed Committee for Women. Fielding assumed her new role at the 2013 ACR Annual Meeting and Chapter Leadership Conference in May in Washington, DC.

Fielding’s appointment is aligned with the recent formation of the ACR’s Commission for Women and Diversity, an advisory group to the ACR’s Board of Chancellors that seeks to improve the specialty of radiology through mentorship, leadership and service engagement with an emphasis on diversity. Headed by Dr. Katarzyna Macura, Johns Hopkins University Associate Professor of radiology, urology and oncology, the Commission oversees Fielding’s committee, as well as the ACR’s Committee for General Diversity.

“I am honored the ACR has chosen me to lead a committee dedicated to the multiple issues that affect women in our field,” noted Fielding. “Salary equity, promotion, a life/work balance, and a say in how our field should respond to the ongoing impact of the Affordable Care Act are among the central issues female radiologists face today. The ACR’s affirmation of these challenges by forming this new commission and committee provides a great outlet for addressing them.”

At the mid-May annual meeting of the American Society of Neuroradiology (ASNR), the Department’s Neuroradiology Division Chief Dr. Mauricio Castillo assumed his new post as the Society’s 2013-2014 President. Castillo was named President-Elect in April 2012. He takes the ASNR helm at a time when discussion within the organization centers around increasing participation amongst younger members in ASNR and American Journal of Neuroradiology (AJNR) activities, recruiting more women neuroradiologists to serve in critical posts, and exploring more timely and complete ways of transmitting information to constituents. Under Castillo’s leadership, the ASNR will also be reassessing its 2009 strategic plan in the face of significant structural, personnel, and financial challenges expected in the short-term.

Over his career, Castillo has served in multiple capacities within the Society, amongst them: ASNR Foundation scholar award subcommittee member; ASNR co-sponsored basic science research award reviewer; annual meeting MOC review session facilitator; and invited web education scientific coordinator. With backing from the UNC Department of Radiology Wood Fund for the Advancement of Neuroradiology, in 2010 Castillo also created a custom, AJNR website-accessible collection of published articles authored or co-authored by members of the UNC Neuroradiology Division. Castillo’s most significant Society appointment to date has been American Journal of Neuroradiology Editor-in-Chief, a position he’s held since 2007 for the ASNR’s core publication.

For the year ahead, Castillo noted: “I am honored to become ASNR’s 50th President and at the same time to continue my responsibilities as AJNR’s Editor-in-Chief. Fifty years after the naming of ASNR’s first President, Dr. Juan Taveras, a circle in time closes itself as another Hispanic individual occupies both the ASNR presidency and AJNR’s chief editorship. In this shrinking world, this is evidence of the globalization and internationalization of our professional society, and we should all be proud that it now reaches more individuals in different countries than ever before.”
Our Diagnostic Radiology residency program has earned maximum reaccreditation status! In June 2011, we received notification from the Accreditation Council for Graduate Medical Education (ACGME) Residency Review Committee (RRC) that our hard work had paid off. Based on information reviewed by the RRC during our site visit in January 2011, we will not require another visit until 2016.

This news came just as it was announced that Radiology will be in the initial group of ACGME specialties to undergo major changes in the accreditation process. On July 1, 2013, Radiology will be among six other specialties (Emergency Medicine, Internal Medicine, Neurosurgery, Orthopaedic Surgery, Pediatrics, and Urology) implementing the Next Accreditation System (NAS). The rationale for converting to the NAS, as mentioned regarding a 2012 *New England Journal of Medicine* (NEJM) special report, is to focus more on educational outcomes than previous ACGME reaccreditation processes.

What has followed has been rigorous preparation and planning to ensure that our UNC Hospitals and School of Medicine standards are in line with those of our national accreditor. What we have found, in our research of many of the new guidelines, is much of the data that will be used to accredit our program in the NAS are already available and in use – such as the Web Accreditation Data System (ADS) and resident case log system. Beyond compiling information already on hand, our data collection has expanded to require an annual faculty survey, the first of which was distributed in January 2013. In addition, a scholarly activity report form replaces the detailed faculty CVs that were traditionally used for ACGME accreditation. One of the promising new elements implemented by the NAS is the Education Milestone. We will continue our semi-annual evaluation of residents; however, the NAS Milestones add more detail to the six “Core Competencies,” allowing for documentation of observable and measurable expectations at noted points along an educational trajectory. The Milestones, as subsets of the core competencies, are outlined below:

- Patient Care and Technical Skills: Consultant; Competence in procedure,
- Medical Knowledge: Protocol selection and optimization of images; Interpretation of examinations,
- Professionalism: Professional Values and Ethics,
- Interpersonal and Communication Skills: Effective communication with patients, families, and caregivers; Effective communication with members of the health care team,
- Systems-based Practice: Quality Improvement; Health care economics, and
- Practice-based Learning and Improvement: Patient safety: contrast agents, radiation safety, MR safety, sedation; Self-directed Learning; Scholarly Activity.

For example, with Patient Care and Technical Skills, a resident’s ability to demonstrate competence in procedures should progress along a trajectory from Novice (basic procedures such as fluorographic studies, basic ultrasound scanning, and venous access) as a first-year Radiology Resident to Expert (more advanced procedures such as image-guided biopsies, drain insertions, and advanced pediatric ultrasound scanning) as a fourth-year resident.

Another significant change will involve the evaluation process. We have been employing the expertise of our Education Liaison Committee for some time now. Along with the other members of this committee - Dr. Charles Burke, Dr. Lynn Fordham, Dr. Laura Heyneman, Dr. Ben Huang, Dr. Amir Khandani, Dr. Ellie Lee, Dr. Sheila Lee, and Dr. Dan Nissman - I will continue the work of this group and now function as the “Clinical Competency Committee” (CCC), as required and defined by the NAS. While the name of the team is changing, many of the duties will remain the same. In addition to the care and concern put forth in providing optimal training experiences for our residents, the CCC will assess the competence levels for each individual trainee. So while I will continue to host, communicate, and deliver the final decision of the evaluations with the resident, I will look to the CCC as an invaluable resource for candid, detailed coaching and feedback. I am excited to have our program’s Associate Director Dr. Laura Heyneman chair this committee. I am also very thankful to have our new program coordinator Angela Combs help navigate all that the NAS entails.

With the official implementation of the NAS this summer, we are excited to lead the way as one of seven specialties selected for the Phase 1 implementation. So, while the June 2011 reaccreditation letter no longer applies to our program, we feel confident that we will experience a smooth transition as we continue to strive to be trailblazers at UNC and in the field of radiology.

-- Dr. Bob Dixon
Residency Program Director, Diagnostic Radiology
By Todd Smith, MD

The ultimate compliment to the radiologist is having a clinician seek you out personally for help with a case. I observed this routine reliance on several attendings throughout my training years at Carolina, and now in my own career, I’m blessed to assume this role in the neuro/head-neck imaging section of my practice. UNC’s Neuroradiology division in particular prepared me to clinically excel in my subspecialty, but I cannot diminish how well my entire training at Chapel Hill prepared me for independent practice.

The role of a strong and confident professor cannot be underestimated, especially in how the quality teaching faculty at UNC Radiology shaped my professional acumen via the view box. Dr. Paul Molina’s "I-beam" approach to chest radiographs has served me well. The chest anatomy knowledge and reading efficiency that Dr. Al Parker taught me is invaluable to the plain film volume typical of private practice. Through his tough morning readout teaching after night call, Dr. Jordan Renner showed me the art of generating a useful report, insisting on concise verbiage that’s the foundation of my reporting style to this day. Every time I report on an extremely complex case, I think of brilliant Dr. Richard Semelka’s wise words: "Brevity is the soul of wit." I appreciate the "old school" fluoro teaching of Drs. Richard Clark and David Warshauer, and I won’t easily forget native Arkansan Dr. Carol Mittelstaedt for her knowledge and practical ultrasound teaching.

When I matched at UNC for Diagnostic Radiology, I was both anxious and excited to be heading to the Tarheel State as a Texan who’d spent his undergraduate years at the University of Texas at Austin and medical school days at UT-Texas Southwestern Medical Center in Dallas. After my completing residency and fellowship training in 2001, I returned to the mid-south to Little Rock, AR, not far from my Texas roots. If I’d never experienced living in another region of the country, I might have overlooked the opportunity to settle beyond Texas in joining a 27-radiologist private practice (Radiology Consultants) in Little Rock that has become my family away from home.

The diversity of cases, high-volume rotations, and the call experience from my training at UNC all prepared me well for the large group pace of reading as an MRI subspecialist for 14 magnets and even more CT scanners in a five-hospital system with numerous outpatient imaging centers. During training, I became addicted to the "case of the day," particularly in my Neuroradiology fellowship under Drs. Mauricio Castillo and Keith Smith. I still recall the excitement of both Mauricio and Keith when an interesting case came across the board. "Never stop learning and always better yourself," Mauricio would say. My fellowship experience prepared me well for the immense volume and extremely interesting, complex cases that come from our flagship hospital and a tertiary referral center, Baptist Little Rock.

Photographer Ansel Adams’ quote, "You don’t take a photograph, you make it," depicts how I approach not only work, but also life beyond with family and hobbies. At home, my wonderful wife of 16 years, Wendy, and I are proud that the joys of our lives -- daughters Tatum (13) and Clara (10) and son Noah (7) -- are excelling academically and keep their parents busy with school and sports-related activities.

Away from our household’s organized chaos, I make time to “chase light,” in pursuing my passion, photography. It is a challenge not to just photograph my subject, but to express mood/feeling by control of composition and light. I am a novice participating in a lifetime learning process, one that gets easier and more exciting with experience.

Many of the photographic opportunities I find myself hunting for are right in my backyard. Little Rock lies in a river basin not far from the Ozark Mountains, which has a variety of nearby, outdoor photographic opportunities, especially at sunset. In residency, I was inspired by Dr. James Scatliff’s annual Matthew Brady Photography Contest, fun evenings that blended American and photographic history into a family-like event.

I pray the profession of radiology has a bright future. Change is certain, but I am confident that my knowledge and skills will help me adapt to the ever-evolving future of our field. I cannot express in words alone my gratitude to the UNC Department of Radiology and faculty for their positive influence on my life. I am truly over-blessed from my time in Chapel Hill and will continue to honor the program and each professor who passed along a legacy of their knowledge and practice. Thank you all.
As an academic medical center (AMC), UNC Healthcare has an institutional obligation to advance three core mission areas – clinical, education, and research -- within a broad patient network where many only observe the clinical enterprise. To meet this challenge, our AMC relies on its subunits (UNC School of Medicine departments) to perform a continual balancing act of offering comprehensive patient care, sustaining clinical and basic research, and training future clinical practitioners and investigators.

Accommodating clinical volume in the face of competing teaching and research interests is challenge enough for many AMCs. By definition, however, such entities are also expected to deliver patient care that is community-driven. As our state’s designated, publicly funded AMC, this further distinction challenges our network to provide basic needs and highly subspecialized care both to the greatest number across North Carolina.

Top UNC Healthcare administrators must find cost-effective answers every day to serve our network’s challenge of serving a large patient volume across all 100 counties within North Carolina. To this end, School of Medicine departments handling the clinical workflow are expected to serve as institutional team players, innovating or participating in operational processes that enable our network to better accommodate our statewide constituency. In the past five years, the Department of Radiology has more visibly contributed to this mission at UNC Healthcare through growing its own network with the development of outpatient imaging facilities within central North Carolina. More recently, our professional services have expanded beyond central North Carolina via participating in the introduction of department-specific and system-wide technologies that, once integrated into the network, reinforce our AMC’s core mission.

In 2011, our Department introduced imaging outreach services at UNC Healthcare via the installation of interDAY-HAWK, a technology that would support imaging output from other facilities throughout North Carolina once integrated into our reading room workflow. March 2012 excitingly culminated this start-up process with the launch of interpretation services for five State of NC DHHS-operated facilities -- Caswell Developmental Center (Kinston, NC); Broughton Hospital (Morganton, NC); Cherry Hospital (Goldsboro, NC); Central Regional Hospital (Butner, NC); and Murdoch Developmental Center (Butner, NC). With the start-up of this service, our Department values its ability to support our AMC through a telehealth initiative that provides highly skilled subspecialty expertise to state-run facilities around North Carolina.

UNC Healthcare’s network of outpatient centers and hospitals now extends to 10 counties in central North Carolina – Orange, Alamance, Durham, Wake, Johnston, Chatham, Lee, Granville, Sampson and Person -- and as far west as Guilford (High Point Regional Medical Center) and Henderson (Pardee Hospital) Counties. Given the geographic reach achieved statewide, our network has had to examine how to advance the technological alignment of the units that comprise the whole. With each facility added to the UNC Healthcare network, the overall use of EMR technology has proven increasingly disparate. For our system’s heaviest patient volume that collectively passes through UNC Hospitals, Rex Healthcare and Chatham Hospital, each of these entities uses its own IT system to support pharmacy, registration, scheduling and billing.

Inevitably, our system’s growth necessitated shifting to one unified patient records information system aligned to the workflow of all UNC Healthcare entities. In summer 2012, leadership initiated a search for the right vendor to develop an integrated suite of clinical and financial products that would comply with the EMR technology used throughout UNC Healthcare. Our network formed an “Enterprise System Selection Committee” comprised of multi-disciplinary and -level personnel to conduct such search-related activities as attending competing vendor demonstrations and participating in site visits at peer institutions.

In November 2012, UNC Healthcare announced it had partnered with EMR software developer Epic to create an integrated clinical and financial application that is scheduled for implementation at all UNC Healthcare entities in early 2014. Our Department was pleased to have three of its own -- Drs. Valerie Jewells, Keith Smith and Sheri Jordan --- selected in December 2012 as School of Medicine faculty leaders to serve on an advisory committee that is determining how to integrate EPIC@UNC into UNC Healthcare’s clinical workflow for a projected rollout of the new system in early 2014.

Where clinical, teaching and research activities provide multiple avenues for institutional activity and achievement, the work of an academic medical center is refreshingly multi-purpose in output. The Department of Radiology is pleased as a School of Medicine supporting unit to participate in system-wide processes that allow UNC Healthcare to function most effectively in serving the State of North Carolina.

Mark Mann
In the Workplace and Beyond, Department Members Give Back

To many UNC Department of Radiology members, working in a hospital system dedicated to parity in medical care access instills the spirit of giving back within and beyond the workplace. In the 2012 “Carolina Cares, Carolina Shares” campaign, the Department was proud its employees and faculty collectively pledged $6200+ in charitable giving to support UNC’s participation in a State of North Carolina employees capital campaign annually benefitting an exhaustive range of charities statewide.

Beyond giving of themselves monetarily, many of our employees also actively volunteer in their local communities, to the extent that community-mindedness has found its way into the Department through several volunteer initiatives organized by employees in the past year. In November 2012, Vascular-Interventional Radiology (VIR) faculty and fellows alike teamed up to volunteer at Durham’s Urban Ministries, a community non-profit extending emergency and basic services such as food, clothing and shelter to those in need. As volunteer meal servers, participating VIR division members served up 260+ meals during one dinner shift. The team also took the opportunity to overview with Urban Ministries’ leadership ways in which the Center for Heart and Vascular Center, as an extension of UNC Healthcare, could serve the patient care needs of those who routinely rely upon the services offered by the non-profit.

In a busy year of subspecialty training before going into practice, VIR Fellow Vishal Khiatani enjoyed the chance to participate in a meaningful initiative beyond the hospital walls with his attendings and peer trainees. "Our roles as physicians not only involve caring for patients, but also to act as role models for our community. Spending time at Urban Ministries facilitated that process, and as an added benefit, we were able to provide for an underserved community.”

VIR Professor Dr. Joe Stavas has previously met with Urban Ministries’ Board of Directors to discuss access to charity care at UNC Healthcare for those the organization serves. After his division’s team-building volunteer initiative at Urban Ministries, Stavas reminded the VIR fellows of how integral a commitment to service would be to their long-term identity as effective physicians: “Keep in mind to incorporate an element of community service throughout your careers, wherever you land. As physicians, much is expected of you in the communities where you practice, and being an active member is vital to your overall growth as a doctor and person.”

Department of Radiology staff members have taken on a community-minded initiative of their own in spring 2013 through committing volunteer time to Chapel Hill-Carrboro Meals on Wheels (CHCMOW). Our first staffers began volunteering in March, going out in pairs from a homebase Chapel Hill church to deliver 10 to 15 client meals per route. Positive staff reports back have reflected uniformly that CHCMOW provides a well-structured initiative for making a difference in the daily lives of individuals who, due to illness, disability, or convalescence, are challenged even by the seemingly easy task of meal preparation.

Anne Nesbitt, Contracts and Grants Administrative Support Specialist and a long-time CHCMOW volunteer, drew personal reward as well from participating in the Department’s effort: “It was wonderful to meet and work with the dedicated staff at Binkley Baptist Church who coordinate Meals on Wheels for southern Orange County. Most volunteers had been doing this for years and continue to enjoy the folks they have the pleasure of serving each day. Each meal recipient that my partner volunteer and I called on and chatted with made my volunteering experience that much better, and I appreciated the structured volunteer opportunity that the Department provided for us to participate in.”

November 2012: Drs. Kyung Kim, Hyeon Yu, David Allison, Vishal Khiatani & Charles Burke volunteer at Durham’s Urban Ministries

March 2013: Anne Nesbitt (L) volunteers with Chapel Hill/Carrboro Meals on Wheels

Chapel Hill-Carrboro Meals on Wheels Director Stacey Yusko noted, “Meals on Wheels volunteers are absolutely crucial to our ability to deliver meals. Without our corps of drivers, we would be unable to meet the ever-increasing demand for services. This spring, having UNC Radiology staffers along for the ride has energized our dedicated drivers because they’ve showed up positive, upbeat and interested in our work and our clients. When University departments like Radiology organize staff to commit time to non-profits like ours, we really appreciate the volunteer manpower that they give.”
Dr. Yueh Z. Lee
Yueh Lee, MD, PhD

The Department was pleased to appoint Dr. Yueh Z. Lee join our Neuroradiology Division faculty as Assistant Professor in July 2012. Lee’s 10+-year affiliation with the Department began in 2000. That year, present-day Vice Chair of Basic Research Dr. Wèili Lin started advising Lee’s dissertation research during his Biomedical Engineering doctoral studies as a UNC MD/PhD student. As an imaging research-focused UNC medical student, Lee received the RSNA Physics Trainee prize in 2003. Beyond his dual graduate program, Lee trained as a Diagnostic Radiology resident from 2007 to 2011 and finished his Neuroradiology fellowship a year later. As faculty, his smaller departmental role is clinical teaching. Extensively published in both clinical and basic research, Lee now serves as the Department’s “translational” scientist. In this role, he has received funding from the North Carolina Translational and Clinical Sciences Institute (NCTraC) and is PI for the Department’s contribution to The Cancer Genome Atlas (TCGA) project, jointly funded by the National Cancer Institute (NCI) and the National Human Genome Research Institute (NHGRI). A UNC Department of Physics & Astronomy Adjunct Assistant Professor since 2006, Lee has researched the application of nanotechnology to imaging. He is currently co-investigating the use of carbon nanotube-based imaging in stationary breast tomosynthesis with Breast Imaging Division chief Dr. Cherie Kuzmiak via the state-funded University Cancer Research Fund (UCRF). “The ultimate goal of all imaging research is to translate research into clinical practice. It is exciting to be a bridge between our Department’s incredible basic science work on campus and the clinical faculty who have helped define the field of radiology,” stated Lee.

Dr. Matthew “Matt” Parrott
Matthew Parrott, PhD

The Department was pleased to appoint Dr. Matthew “Matt” Parrott to its basic research division in August 2012 as Assistant Professor. Dr. Parrott’s appointment extends to working at UNC’s Biomedical Research Imaging Center (BRIC), the Carolina Institute for Nanomedicine, the Carolina Center of Cancer Nanotechnology Excellence and Lineberger Cancer Center. At the BRIC, Parrott’s imaging expertise applies to the development of new radiotracers for PET and SPECT imaging. Prior to joining the Department, Parrott was a four-year post-doctoral fellow at UNC with Professor J.M. DeSimone and researched the synthesis of acid sensitive biomaterials designed to degrade and release therapeutics inside cancer cells. A native to Windsor, Ontario, Canada, Parrott earned his BSc in Chemistry from the University of Western Ontario in London, ON. He completed his PhD in Organic/Polymer/Radio Chemistry at McMaster University in Hamilton, ON. Dr. Parrott’s ongoing research focuses on development of new PET and SPECT radiochemistry. Specifically, the Parrott group is investigating the in vivo fate and tumor accumulation of nanoparticles, polymers and small molecules tracers (18F-FDG, 18F-FLT, and 18F-Choline).

Parrott noted: "Having an appointment in BRIC allows my group to collaborate with basic scientists in chemistry, pharmacy and biology, as well as imaging experts, biomedical engineers, and clinicians. This unique appointment provides an ideal opportunity for truly translational science.” Parrott, his wife Rahima Benhabbour, a UNC School of Pharmacy Research Assistant Professor, and their three-year-old son Rayan and one-year-old daughter Leila live in Chapel Hill.

Gabe Knop

The Department was pleased to have Gabe Knop join its Carolina Mammography Registry (CMR) staff in November 2012 as a Social/Clinical Research Specialist. Working under Dr. Louise Henderson’s direction, Gabe’s primary role is maintaining and linking CMR’s data with external databases such as the North Carolina Central Cancer Registry (CCR) and North Carolina Vital Records. Gabe received his BS in Mathematics with a concentration in Statistics from UNC-Greensboro in 2007. Before joining the Department of Radiology, he worked from 2008 to 2012 at the North Carolina DHHS Division of Public Health’s Central Cancer Registry (CCR) in Raleigh, NC. In this role, Gabe collaborated with DHHS researchers in conducting probabilistic CCR and Non-CCR data linkages, calculating cancer statistics, interpreting data and carrying out cancer cluster investigations. “From my former job, working with the NC Central Cancer Registry and NC Vital Records databases and learning such skills as doing probabilistic linkages were immensely helpful when I started my new role. Working with new data for the CMR has become my favorite part of this new job.”
Long-time Vascular Interventional Radiology nurse Jenny Belgum, FNP, joined the Department’s staff in January 2013 as an extension of her UNC Healthcare (UNCH) Center for Heart and Vascular Care appointment. Jenny joined UNCH’s Vascular Interventional Radiology (VIR) team in October 2007 after having worked in surgical units at Duke University Medical Center and Georgetown (South Carolina) Medical Center from 2005 to 2007.

As a Registered Nurse, Jenny’s early VIR duties included patient care, acting as the Department’s Infection Control Liaison and serving as nursing team coordinator. Between 2009 and 2012, she obtained her MSN in family nursing practice while at UNC. Soon thereafter, she was appointed VIR Assistant Nurse Manager and took on supervisory responsibilities over the VIR and Procedural Recovery Unit (PRU) staff nurses. Her other activities included creating hospital-wide CPOE order sets to ensure proper post-procedural care, integrating the departmental LEAN process to improve clinical throughput and playing a role in UNCH’s Stroke Certification committee.

“The transition from Assistant Nurse Manager to FNP has greatly changed my day-to-day VIR responsibilities since my role is now primarily patient-focused, not managerial. I now work more closely with physicians, whereas in my prior role I worked closely with nursing staff. I feel very fortunate that I was able to stay in Radiology after obtaining my Master’s, because I thoroughly enjoy working with all of the Radiology staff and our patients. I couldn’t be happier than where I am right now!”

Beyond completing her MSN and planning for an upcoming wedding, Jenny also invests her outside time in traveling, jogging, dancing, reading and cheering on her favorite Buffalo, NY teams -- the Bills and Sabres.

The Department welcomed Mari Nakayoshi to its Carolina Mammography Registry (CMR) staff in October 2012 as a Social/Clinical Research Specialist. As one of two new employees hired into this role in fall 2012 for Dr. Louise Henderson’s research group, Mari is responsible for all data management activities, including collecting mammography data from participating practices and performing quality data checks.

Mari received her BA in Geology in 1995 from Occidental College in Los Angeles, CA, with a coordinate major in Environmental Science. She also received her Master of Public Health from Tulane University in New Orleans, LA, in 2005 with a concentration in International Health and Development. Mari most recently served as a Data Manager for Louisiana State University Health Sciences Center, working primarily with the statewide breast and cervical cancer early detection program targeting underserved women.

“My prior experience as Data Manager with the Louisiana Breast and Cervical Health Program provided me with a strong background in data management, content knowledge of breast cancer screening, diagnostics and pathology, and experience collaborating with colleagues with diverse technical backgrounds. I brought to my new CMR position skills in visual data analytics, specifically the application of business intelligence principles to managing health data.”

The Department welcomed Angela “Angel” Combs to the Department of Radiology on September 17, 2012. A native North Carolinian, Angel received her Bachelor of Science degree in Mathematics from North Carolina Central University in Durham, NC.

Angel works with Diagnostic Radiology Program Director Dr. Robert Dixon as our Student Services Specialist – Graduate Medical Education Coordinator. While she has many responsibilities in her new role, her primary focus is effectively managing the various aspects of accreditation, resident recruitment, program compliance, credential verification, global health, and curriculum development. She directly interacts with many of our hospital physicians, as well as administrative peers and committees. She has been most excited about the opportunity to combine her technical expertise and methodical thought processes with her desire to help and work with people.

Prior to joining our Department, Angel worked for Nationwide Insurance in Columbus, OH, as a Financial Business Specialist. In that role, she provided financial advice regarding revenue and expense management, operational budgets, and strategic trends to the executive teams of eight regions. This position culminated a 10-year tenure with the company, where she previously served in various other management and project-driven roles.

When she is not at work, she enjoys cooking, reading, sports, and community service. As a former high-school and college cheerleader, she continues to host cheerleading camps across the state for small-town schools.

The Department was pleased to have Pete Petrin join its School of Medicine staff as part of its Outreach Development Initiative in August 2012. Pete is a familiar face around the Department of Radiology, having worked closely with departmental faculty and staff for the past 13 years as a UNC Healthcare employee. In his new role, Pete is responsible for overseeing day-to-day operations management and business development critical to the Department’s recently implemented imaging outreach services.

In 1976, Pete graduated with a BS in Radiologic Technology from Community College of R.I. He then attended St. Joseph’s College in Standish, Maine, earning a BS in Radiologic Technology in 1978. For 12 years thereafter, he owned and operated a mobile diagnostic imaging services company in New Hampshire, serving long-term care facilities, correctional institutions and home health agencies statewide. In 1991 Pete accepted a position at Albany Medical Center an Assistant Administrator for the Department of Emergency Medicine.

When Pete and family relocated to North Carolina from New York in 1999, he began working for the Department as an imaging technologist. Taking on increasingly supervisory roles since then, he most recently served as the Department’s Imaging Manager for Diagnostic Radiology, Mammography, Nuclear Medicine, CT and PET/CT. In these roles, he also provided direct imaging services oversight for the offsite expansion of Molecular Imaging, Mammography and Diagnostic Radiology services within the Triangle. Pete also served as the Department’s imaging management representative for the construction and opening of the North Carolina Cancer Hospital.

Pete lives in Hillsborough, NC, with his wife of 33 years, Maryellen. They have three grown children -- two daughters and a son -- who live between North Carolina, Virginia and Massachusetts, as well as two grandchildren.
NEW RESIDENTS

Lee Bell, MD, received his BS in Computer Science in 2003 from Wake Forest University. Before enrolling in medical school in 2007, he taught high school math and worked in both hospital and university IT support and medical illustration. Lee received his MD from the University of Tennessee Health Science Center in 2011, completing his preliminary year in Medicine there a year later. Outside of work, Lee and his wife, a private practice dermatologist in Chapel Hill, stay busy keeping up with five-year-old and 21-month-old sons. Apart from family, Lee also enjoys cooking, golf, reading and working with computers and electronics.

Brian Boyd, MD, earned his BS in Biochemistry from the University of Missouri at Columbia in May 2002 and completed medical school at Washington University five years later. Before his interest in specialty shifted to pursuing Diagnostic Radiology, Brian trained his intern year at Naval Medical Center in San Diego, CA, in Obstetrics-Gynecology. Between 2008 and 2012, Brian served as a Naval Medical Officer, first in Gulfport, MS, followed by two years in Crane, IN. In his off hours, Brian enjoys family time with his wife and seven-month-old son, as well as trying craft beers, “foodie” restaurants and an occasional round of golf.

James Darsie, MD, earned his BA in Physics from Duke University in 2003. Before starting medical school, he taught elementary school math and science in the Dominican Republic, worked in imaging research and clinical trials data management, and studied graduate level cell and developmental biology and biochemistry. After earning his MD from Chicago Medical School at Rosalind Franklin University in 2007, he completed his preliminary year in General Surgery at UNC. Beyond work, James enjoys spending time with his wife, a 2nd-year UNC Hospitals Emergency Medicine resident. His individual interests also include running, biking, playing cards, reading and international travel.

Kevin Herman, MD, received his BA in English from Duke University in 2002. Before taking on the rigors of medical school, Kevin tested what it takes to break into Hollywood screenwriting, living in Los Angeles for five years surrounded by the feature film culture while working for New Line Cinema in physical production and accounting. He earned his MD from Medical University of South Carolina in 2011 and completed his internship year in Medicine at MUSC a year later. Kevin’s time beyond work includes spending time with his fiancée, a MUSC hospitalist he met during his intern year. When time permits, he also enjoys hiking and camping in the Blue Ridge Mountains.
Patrick Keating, MD, earned his BS in Biomedical Engineering from Washington University in St. Louis, MO, in 2007. Four years later, he received his MD from the Medical College of Wisconsin in Milwaukee. Patrick remained in the Badger State another year, spending his transitional internship at St. Joseph’s Hospital in Marshfield, WI. Since starting his Diagnostic Radiology training, Patrick has pursued outdoors interests such as golf, hockey, baseball and fishing during his off hours when the favorable Southeastern climate cooperates.

Hugh McGregor, MD, received his BS in Biology from Emory University in 2007. His trans-oceanic medical education began immediately thereafter at the Royal College of Surgeons in Dublin, Ireland, where he earned his Bachelor of Medicine, Surgery and Obstetrics in 2011. As Hugh puts it, since the Irish coast hadn’t given him enough of the island lifestyle, the much sunnier University of Hawaii was ideal for his preliminary year in General Surgery. Apart from training to run a busy surgical service, Hugh learned to surf during his intern year in Hawaii. With the coast no longer out his back door, he now spends his off hours golfing, playing guitar, and spending time with family.

Pinakpani “Roy” Roy, MD, earned a BS in Biomedical Engineering at the University of Miami in 2007. Four years later, he received his MD from the University of South Florida (USF) College of Medicine in Tampa. Roy completed a transitional intern year at Lehigh Valley Hospital in Allentown, PA, in 2012 before heading south to start his specialty residency with his wife Kate, a 1st-year Dermatology resident at UNC Hospitals. Roy and Kate have readily taken to Chapel Hill and the Triangle area. When off-hours time permits, they enjoy exploring the area and experiencing the many activities and amenities it has to offer.

Shaun Rybak, MD, attended Grand Valley State University in Allendale, MI, for undergraduate, playing scholarship football his freshman year and receiving his BS in Biomedical Science from there in 2006. During college and medical school, his preparation was enhanced by working in the Grand Rapids, MI area both as an on-call firefighter and as an EMT-Paramedic. In 2011, Shaun earned his MD from Wayne State University School of Medicine in Detroit, MI, and he completed his transitional internship year at Grand Rapids Medical Education Partners a year later. When off-hours time now permits away from clinical duty, Shaun, his wife and their two-year-old son enjoy outdoors activities including gardening, backpacking, beach-going, kayaking and fishing.
**NEW RESIDENTS/FELLOWS**

**Brett Murdock, MD**, is a 2nd-year Diagnostic Radiology transfer resident who completed his first year at Monmouth Medical Center in Long Branch, NJ. He earned his BS in Biology from David Lipscomb University in Nashville, TN, in 2003. Post-college, Brett served as a K-12 substitute teacher for a year in Lebanon, TN. He then returned to Nashville for a notably different line of work as a Tennessee Donor Service tissue recovery technician, conducting organ procurement in facilities across TN as part of the allograft donation process. Brett earned his MD from Georgetown University School of Medicine in 2010 in Washington, DC, and remained in town to complete his preliminary year in Surgery. Beyond the reading room, Brett enjoys a range of activities, including international travel. A long-time follower of soccer-better-known-as-football, Brett is a diehard fan of Barcelona Football Club. As a fan in the stands, Brett witnessed his beloved team win the Champions League Final at Wembley Stadium, London, in 2011.

**David Allison, MD**, a Vascular-Interventional Radiology fellow, earned his BA in Economics from the University of Tennessee in Knoxville, TN, in 1991. An early career bakery proprietor, David shifted gears in 2007 and enrolled in medical school at the University of Tennessee Health Science Center in Memphis. After earning his MD, he remained in Memphis for another five years, completing both his transitional internship and Diagnostic Radiology residency at Methodist University Hospital. When time permits off hours, David enjoys spending time with his wife, a retail manager, his 15-year-old daughter and his 4-year-old son.

**Elena Antonescu, DO**, an Abdominal Imaging fellow, earned her BS in Nursing from the University of Akron (Ohio) in 2002. Five years later, Elena completed her DO at Ohio University’s College of Osteopathic Medicine in Athens, OH. She subsequently completed her transitional intern year at Cuyahoga Falls (Ohio) General Hospital and finished her Diagnostic Radiology residency four years later at NEOMED/Aultman/Mercy Aultman Hospital and Mercy Medical Center (MMC) in Canton, OH.

**Stephen Bagg, MD**, a Neuroradiology fellow, earned his BA in Chemistry from Emory University in 2003. He received his MD from Medical University of South Carolina in 2007 and a year later completed a transitional year at MUSC/Trident Medical Center in Charleston, SC. Steve is a familiar face around the Department of Radiology. He's a July 2012 Diagnostic Radiology residency graduate and served as Associate Chief Resident during his third year. Father to a four-year-old daughter and a one-year-old son, Steve's outside time during training has been primarily devoted to family. Post-fellowship, Steve, wife and children will return to Charleston, SC, where he will join private group Roper Radiologists.
Ken Crosby, MD, a Breast Imaging fellow, received his BS in Biology from NC A&T State University in 1995 and his MD from UNC four years later. He spent his internship year in Medicine at Cornell University-New York Presbyterian Hospital and trained in General Psychiatry at UNC from 2000 to 2003. After practicing Psychiatry in Raleigh, NC, for five years, Ken returned to UNC as a Diagnostic Radiology trainee in the Department from 2008 to 2012. Post-fellowship, he will join Nash X-ray Associates in Rocky Mount, NC. Off hours, Ken enjoys time with his wife and two daughters, as well as traveling and playing golf.

Felipe Espinoza, MD, a Neuroradiology fellow, received his BS in Biology in 1991 from Calvin College in Grand Rapids, MI. He completed medical school four years later at Vanderbilt University in Nashville, TN. Felipe spent his early training years in General Surgery at the University of Kentucky’s Chandler Memorial Medical Center in Lexington, KY, from 1995 to 1997. Four years later, he completed his Diagnostic Radiology residency at the University of Miami’s Jackson Memorial Medical Center in Miami, FL. Felipe put his board-certified skills to work for 10 years+ between West Virginia, New York and Florida before moving to Chapel Hill for subspecialty training.

Nathan Fedors, MD, a Musculoskeletal Imaging fellow, received his BA in Chemistry from Franklin and Marshall College in Lancaster, PA, in 2003. Four years later, he earned his MD from SUNY – Syracuse and then remained in New York for his transitional year at UHS Wilson Memorial Medical Center in Johnson City. Nathan completed his Diagnostic Radiology residency at Loyola University Medical Center in Maywood, IL, in June 2012. After a one-year taste of the Southeast for fellowship, he plans to return to Syracuse to begin a private practice musculoskeletal position at Crouse Hospital. Nathan’s return to the Northeast will allow more opportunity for downhill skiing, which is one of several outdoors interests accompanying his current enjoyment of playing golf and soccer beyond the reading room.

Josh Gibson, MD, a Neuroradiology fellow, earned his BS in Biology in 2001 and his medical degree four years later from Marshall University in Huntington, WV. He remained at Marshall for his preliminary year in Internal Medicine and then headed south to University of Kentucky in Lexington for his Diagnostic Radiology residency. When finished with his fellowship year, Josh returns to Huntington to join private practice group Radiology Incorporated. Apart from work, Josh enjoys spending time with his wife and kids, as well as playing golf and fishing.
Heidi Hartman, DO, a Breast Imaging fellow, earned her BS in Biology with Honors from James Madison University in Harrisonburg, VA, in 2002. She remained at JMU as a molecular biology research and teaching assistant before starting medical school in 2003 at the West Virginia School of Osteopathic Medicine in Lewisburg, WV. In June 2008, Heidi completed her transitional intern year at Case Western University Hospitals in Cleveland, OH. Four years later, she finished her Diagnostic Radiology residency at Kettering Health Network’s Grandview Medical Center in Dayton, OH. The Department of Radiology is pleased that Heidi will be joining its Breast Imaging division as a Clinical Assistant Professor upon her June 2013 completion of fellowship.

Ari Isaacson, MD, a Vascular-Interventional Radiology fellow, earned his BA in Biology from University of Rochester in 1999 and completed his medical degree at University of Southern CA in 2004. A year later, he finished his transitional year at the Naval Medical Center in San Diego, CA. Ari trained and worked for the next four years as a Naval flight surgeon and primary care physician, both stateside and abroad. A July 2012 Diagnostic Radiology residency graduate, Ari is one of several Department of Radiology “veteran” trainees. Outside of work, he enjoys spending time with his wife and 13-month-old daughter, organizing and participating in community service activities, following UNC basketball, and competing in a friendly game of Iphone “Scramble.” The Department of Radiology is pleased that Ari will be appointed as a Clinical Assistant Professor of Vascular-Interventional Radiology upon his June 2013 completion of fellowship.

Vishal Khiatani, MD, a Vascular-Interventional Radiology fellow, earned his BS Bioengineering from University of California – La Jolla in 2003 and his MD from VCU in Richmond, VA, four years later. University of Illinois – Chicago served as training grounds for both Vishal’s preliminary year in General Surgery and his four-year residency in Diagnostic Radiology. Beyond VIR clinical duty, Vishal enjoys spending his off hours traveling, hiking and taking road trips.

Nisha Mehta, MD, a Musculoskeletal Imaging fellow, earned her BS in Neuroscience with Honors from Brown University in Providence, RI, in 2003. She completed medical school four years later at the University of Pennsylvania in Philadelphia, PA. From to 2007 to 2008, Nisha interned in Medicine at the Beth Israel Medical Center in New York, NY. Nisha logged four more training years in Manhattan spending her Diagnostic Radiology residency at New York University Medical Center’s Bellevue Hospital. The Department of Radiology is pleased that Nisha will be appointed as a Clinical Assistant Professor of Musculoskeletal Imaging and Mammography at UNC upon her June 2013 completion of fellowship.
Ray Peeples, MD, a Neuroradiology fellow, was accepted to University of Arkansas – Little Rock in 2000 after finishing three years of undergraduate at University of Arkansas in Fayetteville. After earning his MD four years later, he remained in Little Rock for both his Transitional internship year as well as his Diagnostic Radiology residency. After completing his fellowship year, Ray, his wife and their four-year-old and two-year-old daughters will return to Little Rock, where he will start private practice with Radiology Consultants, PA.

Roberto Perez-Gautrin, MD, an Abdominal Imaging fellow, received his medical degree from Autonomous University of Guadalajara in 1983, followed by an internship year at the General Hospital of Sonora. He remained in Sonora’s capital city, Hermosillo, to serve a year as its Secretary of Public Health before heading to Clinica Londres in Mexico City to complete his three-year Diagnostic Radiology residency. After six years as a general radiologist back in Hermosillo, Roberto moved to the U.S. for two years of subspecialty training in Vascular-Interventional Radiology, first at LSU in New Orleans, LA, followed by another year at Rush University Medical Center in Chicago, IL. In 2007, Roberto moved to Hyannis, MA, for Community Radiology fellowship training at Cape Cod Hospital. He worked there another five years as an Associate Radiologist before moving to NC. Roberto’s outside interests include playing violin, following professional baseball, and traveling with his wife.

Michael Young, MD, a Vascular-Interventional Radiology fellow, earned his BS in Zoology from the University of Toronto, Canada, in 2003. Four years later, he completed his medical degree at Southern Illinois University in Springfield, IL. For the entirety of residency, Michael and his family resettled in Memphis, TN, where he completed his transitional year and Diagnostic Radiology residency in a combined program at the University of Tennessee Health Science Center.

UNC Department of Radiology unveils new Web Site Design!

Over the past few months, the School of Medicine OIS, communications staff, and web managers for each department have worked to prep all of the school's departmental web sites for a new look and feel. The Department of Radiology was selected as one of the first departments to migrate to the new format. Be sure to visit our updated site at http://www.med.unc.edu/radiology!

**Katherine Birchard, MD,** was named Director of Medical Student Education for UNC’s Department of Radiology in April 2013, appointment effective July 1st, 2013. Dr. Birchard replaces **Claire Wilcox, MD,** who since 1984 has held this position, taking responsibility for all aspects of the Department’s interaction with UNC School of Medicine student educational activities across all four years.

**Wui Chong, MD,** presented, “Liver Doppler: an introduction, portal hypertension, and Budd-Chiari syndrome” at the 98th Scientific Assembly and Annual Meeting of the RSNA in Chicago, Ill, in November 2012.

**Wui Chong, MD,** presented, “Liver Doppler: Techniques and pitfalls” at the 98th Scientific Assembly and Annual Meeting of the RSNA in Chicago, Ill, in November 2012.

**Drs. Wui Chong and Julia Fielding** were awarded $46,000 in North Carolina Translational and Clinical Sciences (NC TraCS) Institute funding in June 2012 for a multi-disciplinary ultrasound contrast study entitled, “Non-invasive assessment of renal masses in renal insufficiency.” (Authors: Chong WK, Rathmell K, Fielding JR, Dayton P)

**Bob Dixon, MD,** presented, “From ER to IR: A Practical Perspective From Both Sides” at Grand Rounds in the UNC Department of Emergency Medicine in January 2013.

**Julia Fielding, MD,** presented, “Screening and Staging of Kidney Cancer” as an invited speaker at the regional Kidney Cancer Association Patient and Survivor Conference in Chapel Hill, NC, in February 2013.

**Lynn Fordham, MD,** spoke on ultrasound applications in the pediatric abdomen on behalf of the Society for Pediatric Radiology at the November 2012 American Institute of Ultrasound in Medicine (AIUM)-sponsored “Ultrasound First Forum” in New York City. The forum addressed the expanding role of ultrasound imaging as a “first” imaging examination and feasible alternative to other diagnostic imaging modalities. Fordham was subsequently interviewed for a February 2013 Radiology Today article entitled, “Ultrasound First — AIUM Initiative Points Out the Diagnostic Benefits and Cost Savings of Using Ultrasound as the Primary Imaging Modality in Many Cases.”


**Lynn Fordham, MD,** was elected to a three-year term on the Board of Governors of the American Institute of Ultrasound in Medicine in February 2013.

**Lynn Fordham, MD,** presented, “Shedding Light on Difficult Cases” as an invited lecturer at the American Institute of Ultrasound in Medicine Annual Meeting in New York, NY, in April 2013.

**Heidi Hartman, DO,** presented, ”Applications of Ultrasound in Breast Imaging,” as a jointly sponsored UNC/NC State University lecture for biomedical engineering students in January 2013 in Chapel Hill, NC.

**Marija Ivanovic, PhD,** lectured to Biomedical Imaging Practicum students enrolled in the joint UNC/NC State University biomedical engineering program in April 2013 in Chapel Hill, NC.

**Drs. Valerie Jewells, Keith Smith and Sheri Jordan** were selected in December 2012 as School of Medicine faculty experts to assist with workflow and system integration of EPIC@UNC, a unified patient records information system scheduled for rollout at UNC Healthcare in early 2014.

**Valerie Jewells, DO,** served as a delegate the American College of Radiology’s Annual Meeting and Leadership Conference in Washington, DC, in May 2013.


**Sheri Jordan, MD, RCC,** successfully recertified as a three-year Radiology Certified Coder by the Radiology Coding Certification Board, a close affiliate of the American College of Radiology (ACR) and Radiology Business Managers Association (RBMA) in October 2012.

**Sheryl Jordan, MD RCC,** presented, ”Assessing Margins in Breast Imaging - Operating, that is” and ”Breast Ultrasound” at the American College of Radiology NC Chapter’s 19th Annual Breast Imaging Weekend Course in Charlotte, NC in January 2013.

**Sheri Jordan, MD, RCC,** was named Co-Director of the NC ACR Breast Imaging annual review course in January 2013, along with Dr. Ruth Walsh of Duke University Department of Radiology, for the January 2014 session.

**Amir Khandani, MD,** presented, “Overview of PET Imaging” at Womack Army Medical Center’s 2nd Annual Nuclear Medicine Conference at Fort Bragg, NC, in October 2012.

**Amir Khandani, MD,** presented, “PET in the follow-up management of pancreatic cancer: patterns of use and effects on survival” at Academy Health’s Annual Research Meeting in June 2012. (Authors: Reeder-Hayes K, Freburger J, Henderson L [5th], Khandani AH [11th]).

**Amir Khandani, MD,** was selected as a Nuclear Medicine Subcommittee member for the Scientific Program Committee of the Radiological Society of North America for a 3-year term (2012-2015) in January 2013.

**Amir Khandani, MD,** was selected for the Early Career Reviewer (ECR) program hosted by the National Institutes of Health Center for Scientific Review (CSR) in January 2013.

**Amir Khandani, MD,** served as an abstract reviewer for the Oncology: Clinical Diagnosis: GI–Non-colorectal Track at the Society for Nuclear Medicine and Molecular Imaging (SNMMI)’s 2013 Annual Meeting.

**Amir Khandani, MD,** served as Program Chair of the 2013 Nuclear Medicine and Molecular Imaging Update, an American College of Radiology Refresher Course, in Charlotte, NC, in February 2013.


Cherie Kuzmiak, DO, presented "Breast Tomosynthesis" and "Whole Breast Ultrasound" at the American College of Radiology NC Chapter’s 19th Annual Breast Imaging Weekend Course in Charlotte, NC, in January 2013.

Cherie Kuzmiak, DO, co-presented, “Mammography: has it delivered what has been promised?” in February 2013 as an invited speaker for the UNC School of Medicine’s 2013 Howard Holderness Distinguished Scholars Seminar Series. (Presenters: Kuzmiak CM, Harris RP)

Cherie Kuzmiak, DO, presented, “Breast Masses in the Pregnant and Lactating Patient” as an invited lecturer at Nash Hospital’s CME lecture series in Rocky Mount, NC, in April 2013.

Joseph KT Lee, MD, presented and co-authored, “PET/MRI Imaging With a Whole-Body Hybrid System: Preliminary Observations on the Effect of Simultaneous Versus Sequential Data Acquisition on Abdominal Image Quality” at the 2013 Annual Meeting of the American Roentgen Ray Society in Washington, DC, in April 2013. (Authors: Lee JKT, Sheikh A; Shepherd M; Ramire J; Abernethy A; Kearns E; McNamara H; Lin W)

Yueh Z. Lee, MD, PhD, and Cherie Kuzmiak, DO, began the first clinical trial of the human breast tomosynthesis device at UNC in January 2013 with a University Cancer Research Fund award as co-principal investigators of, “Comparison of stationary digital breast tomosynthesis and 2-D digital mammography in patients with known breast lesions.”

Yueh Z. Lee, MD, PhD, presented, “Witnessing the Birth of a Medical Imaging Modality: Perspectives of an Engineer-Physician” as an invited speaker for NC A&T State University’s Engineering Research Center/ Biomedical Engineering seminar series in Greensboro, NC, in March 2013.

Yueh Z. Lee, MD, PhD, was featured as a Journal of the American Heart Association “Author Profile” in April 2013.

Yueh Z. Lee, MD, PhD, lectured to Biomedical Imaging Practicum students enrolled in the joint UNC/NC State University biomedical engineering program in April 2013 in Chapel Hill, NC.

Paul L. Molina, MD, presented “Solitary Pulmonary Nodule: Improve Your Detection Ability” and “High Resolution Chest CT: Practical Clinical Applications” as an invited lecturer at Radiology Essentials, the 2013 Annual Convention of the American Osteopathic College of Radiology in Fort Lauderdale, FL, in April 2013.

Paul L. Molina, MD, was an invited panelist for a “Panel Discussion: Legal Aspects of Subtle Findings That Turn Into Trouble” at Radiology Essentials, the 2013 Annual Convention of the American Osteopathic College of Radiology in Fort Lauderdale, FL, in April 2013.


Richard Semelka, MD, presented, “Radiologists and Malpractice: From Bias to Verdict” at the North Carolina American College of Radiology’s annual chapter meeting in March 2013 in Durham, NC.

Richard Semelka, MD, presented, “Is It Time We Obtain Informed Consent for CT Imaging?” at the UC – San Francisco Virtual Symposium: Radiation Safety in CT Physician Program in May 2013.

Arif Sheikh, MD, presented, “Tomography in Clinical Molecular Hybrid Imaging” in November 2012 as a lecture for UNC/NC State University joint program biomedical engineering students.

Arif Sheikh, MD, presented, “Current Trends to the Future of Oncologic Positron Emission Imaging” in January 2013 at the mid-winter meeting of the Society of Nuclear Medicine and Molecular Imaging (SNMMI) in New Orleans, LA.


Arif Sheikh, MD, presented, “Relevant Potentials of PET-MR in Hepatic Imaging” in February 2013 at the SIRTeX Users’ Meeting in Washington, DC.


Arif Sheikh, MD, presented and co-authored, “Simultaneous PET and MR Imaging With a Whole-Body Hybrid PET/MRI System: Technical Considerations” at the 2013 Annual Meeting of the American Roentgen Ray Society in Washington, DC, in April 2013. (Authors: Lee JKT, Sheikh A; Shepherd M; Abernethy A; Ramire J; McNamara H; Kearns E; Lin W)

Recognized on a 2012 National Institutes of Health rank list of 543 top-funded clinical science principal investigators, Dinggang Shen, PhD, was ranked #20 and Louise Henderson, PhD, was ranked #384.


David Warshauer, MD, was appointed to the RSNA Scientific Program Gastrointestinal Subcommittee in November 2012.

Pew-Thian Yap, PhD, was promoted to Senior Member, the highest professional grade for members, of the Institute of Electrical and Electronics Engineers in March 2013. Only 8% of IEEE’s 420,000 members have achieved the level of Senior Member.

Michael Young, MD, presented, “Embolization of spontaneous portosystemic shunt for treatment of refractory hepatic encephalopathy” at the SIR Annual Scientific Meeting in New Orleans, LA, in April 2013. (Authors: Young M, Yu H, Zacks SL, Kim K, Stavas JM)


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