

**Jannette Collins, MD,
MEd, FCCP**
*Ben Felson Professor and
Chair*

ABDOMINAL IMAGING
Jonathan Moulton, MD

BREAST IMAGING
Mary Mahoney, MD

CARDIOTHORACIC IMAGING
Ralph Shipley, MD

**INTERVENTIONAL
RADIOLOGY**
Ross Ristagno, MD

MEDICAL ARTS BUILDING
Jerome F. Wiot, MD

**MUSCULOSKELETAL
RADIOLOGY**
Rob Wissman, MD

NEURORADIOLOGY
Thomas Tomsick, MD

NUCLEAR MEDICINE
Mariano Fernandez, MD

PEDIATRIC RADIOLOGY
Lane Donnelly, MD

RESIDENT EDUCATION
Rob Wissman, MD

UNIVERSITY POINTE
Gavin Udstuen, MD

**VARSITY VILLAGE
IMAGING CENTER**
Rob Wissman, MD

VETERANS HOSPITAL
Austin Wand, MD

From the Chair

We are very pleased to announce UC Radiology's *Best Doctors* for 2009–2010. This national survey of experts in medicine is the most credible survey of its type. I am very pleased with UC Radiology's presence at this year's annual meeting of the RSNA. We had several faculty and residents participating in the program. The renovations project continues to move forward. We recently approved the schematic drawing for UH Radiology. This is an important step in the design process. As a result, we are on target for construction beginning in February 2010.



2009 has been a very exciting year for UC Radiology. I am pleased to have joined the department and to have the opportunity to work with the faculty, trainees and staff. We have strengthened faculty governance, moved forward with the renovation project and enhanced the department's research efforts. I am hopeful this will serve as a foundation which will result in growth in many of our programs as we move into 2010. I appreciate everyone's support and look forward to a successful year. —

Faculty Among Nation's 'Best Doctors'

UC Radiology is proud to announce our 2009–2010 'Best Doctors'



**Rebecca
Cornelius, MD**



**Robert
Lukin, MD**



**Mary
Mahoney, MD**



**Cristopher
Meyer, MD**



**Edward B.
Silberstein, MD**



**Thomas
Tomsick, MD**

Two Harvard Medical School physicians founded Best Doctors in 1989. Their vision was to provide greater access to dependable, high quality medical information and care for individuals with serious illnesses and injuries. Best Doctors has undertaken the largest, continuous, peer-to-

peer survey of the medical profession ever conducted to develop the proprietary Best Doctors database of over 50,000 expert physicians in 30 countries. Doctors are asked questions like: "If you or a loved one needed a doctor in your specialty, to whom would you refer them?" That's the idea

behind Best Doctors methodology. Doctors have unique, "inside" perspective about who's at the top of their profession, who's up on the latest advances in their field, and therefore, where they personally would turn for state-of-the-art care when faced with a serious medical problem. Only about 5 percent of doctors practicing in the United States are selected for each Best Doctors list. —

INSIDE

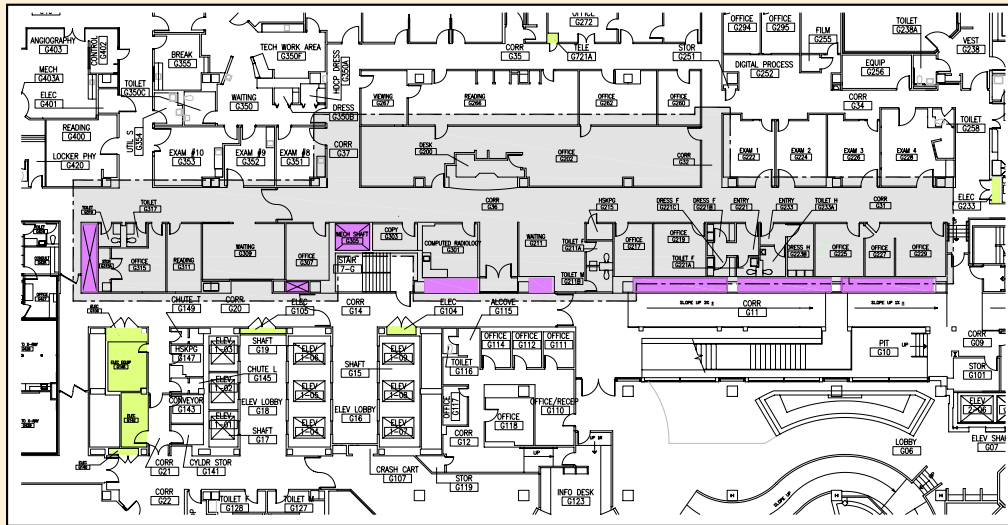
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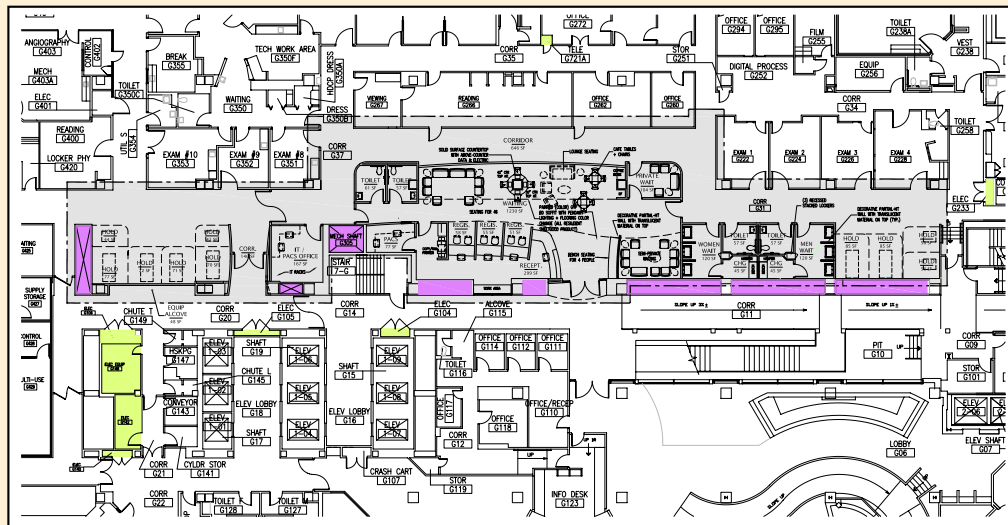
RENOVATION UPDATE

GBBN Completes Phase 1 Schematic Design

Plans for the renovation at University Hospital are moving forward. GBBN has completed the schematic design for the first phase of the project and is moving into the design phase. The goal is to start construction in February 2010. The plan provides a new entrance to the department that is aligned with the main lobby. It will also provide additional seating and increased privacy for both outpatients and inpatients. —



Above is the **existing floor plan**, which many of you will recognize. The first phase of the renovation includes the file room and many of the offices and holding and changing areas in the front hallway of UH Radiology.



Above is the **floor plan for the first phase of the renovation**. The file room is transformed into a waiting area and corridor for inpatient traffic between the east and west ends of the department. Changing rooms are updated and adequate holding areas for inpatients are located at both ends of the department.

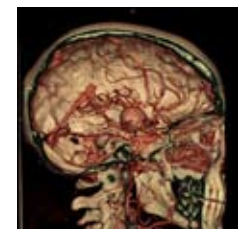
Kyuran Choe Named UC Radiology CME Director

A member of the Abdominal Imaging Section, Dr. Choe has long been an educational advocate. She previously served as Radiology Residency Program Director, during which time she was an enthusiastic member of the Association of Program Directors in Radiology. She now turns her educational focus to continuing medical education (CME) and will oversee all departmental CME activities. With assistance from Rose Alden, Mary Lou Witte and Pam Sherman, Dr. Choe will be responsible for organizing the annual Felson Conference and Schwinger Lecture and will provide oversight for any additional CME programs the department sponsors. —



Images Requested

Residents, fellows, radiologic technologists, physics students, and medical students are invited to submit images or video clips for the RSNA-ACR public information Web site, RadiologyInfo.org. Members of the RSNA-ACR Public Information Web Site Committee review the submissions. Images accepted for posting go into a pool from which three winners will be chosen quarterly. An image of a



CTA of the head with a large aneurysm submitted by Rhonda Strunk, RT (R)(CT) was recently selected as a quarterly winner. —



The faculty in the UC Department of Radiology were very busy at the 2009 RSNA meeting in Chicago. The RSNA meeting is the largest medical meeting in the world.

Listed on the next page are the UC faculty presentations. This page features some key photo highlights. Dr. Collins' presentation, "How to Be the Speaker Everyone Wants You to Be," was covered by the *Daily Bulletin*, the official newspaper of the RSNA annual meeting. —



The above image is from Drs. Molleran and Mahoney's scientific paper presentation: *Incidence of Malignancy or High Risk Pathology in Benign Papillomas Diagnosed at Core Needle Biopsy.* Dr. Molleran presented the paper during the scientific session: Breast Imaging (Interventional Management of High-Risk Lesions) over which Dr. Mahoney presided. The purpose of the study was to determine the incidence of malignancy or high-risk pathology in lesions initially diagnosed as benign papillomas at core needle biopsy in order to evaluate the need for subsequent surgical excision.



Mary Mahoney, MD, was a member of an expert panel to discuss the screening mammography guidelines controversy.

The panel participated in a special press briefing, discussing the recent U.S. Preventive Services Task Force (USPSTF) release of revised screening mammography guidelines. The new guidelines recommend that women begin screening at age 50, and then every two years rather than annually, finally eliminating breast cancer screening entirely at age 75. Many patients, breast cancer survivors, medical experts and government authorities, including the American Cancer Society, American College of Radiology, Society of Breast Imaging, and patient advocacy group Susan G. Komen for the Cure, dispute the guidelines as being without scientific evidence and urge women to continue getting annual mammograms beginning at age 40. Most importantly, according to many experts, the new guidelines could lead to unnecessary deaths. This panel of experts presented data to refute the USPSTF recommendations. Dr. Mahoney was also interviewed on the NBC Nightly News, Wednesday, December 2, regarding this issue.



Dr. Collins' presentation "How to be the Speaker Everyone Wants You to Be" was recognized in the RSNA Daily Bulletin.

The standing-room-only crowd at the interactive session was entertained and educated by Dr. Collins, who showed attendees how to apply the principles of adult learning to their own presentations. She modeled the best behaviors for future lecturers by demonstrating techniques that keep audience members tuned in. As part of this refresher course, Dr. Collins piloted the Turning Point System, RSNA's interactive audience-response system, by building it into her lecture. The crowd consisted of 40 percent academic radiologists, 19 percent radiologists in private practice, 8 percent residents and fellows, 4 percent medical physicists and 29 percent who described themselves as "other." "It's not enough to present good information," said Dr. Collins. "Keep your presentation engaging and help learners to take ownership of that knowledge." —

Scientific Papers

Molleran VM and Mahoney MC. Incidence of malignancy or high-risk pathology in benign papillomas diagnosed at core needle biopsy. (abstr). In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 521.

Miracle AC, Rezaei A, Gandhi D, Mukhenrji, SK. ICA versus ECA Reference in CT Perfusion Studies of the Head and Neck. (abstr). In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 684.

Berg W, Zhang Z, Cormack J, Lehrer D, Bohm-Velez M, Pisano E, Mahoney MC, et al. Screening Breast Ultrasound as a Supplement to Mammography: Yield of Annual Screening in ACRIN 6666 American College of Radiology Imaging Network with Support from The Avon Foundation and National Cancer Institute (CA079778, CA80098). In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 100.

Berg W, Zhang Z, Cormack J, Lehrer D, Bohm-Velez M, Pisano E, Jong R, Evans W, Morton M, Mahoney MC, et al. False Positives Induced by Annual Screening US Added to Mammography: ACRIN 6666 American College of Radiology Imaging Network with Support from The Avon Foundation and National Cancer Institute (CA079778, CA80098). In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 102.

Berg W, Zhang Z, Cormack J, Jong R, Barr R, Lehrer D, Mahoney MC, et al. Supplemental Yield and Performance Characteristics of Screening MRI after Combined Ultrasound and Mammography: ACRIN 6666 American College of Radiology Imaging Network with support from The Avon Foundation and NCI (CA079778, CA80098). In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 103.

Scientific Posters

Verma S, Lamba MAS, Rajesh A, Rezaei A, Samaratunga R and Fischer I. Assessment of aggressiveness of prostate cancer: Correlation of apparent diffusion coefficient with histologic grade after radical prostatectomy. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 874.

Chang D, Oto A, Kayhan A, Verma S, et al.. Diffusion-Weighted MR Imaging of the Prostate at 1.5 T and 3T. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 887.

Weiss KL, Sun D, Fox M, He B, Weiss JL. Fat-water separation MRI: 2-D color display. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 967.

Education Exhibits

O'Brien WT, Vagal AS and Cornelius RS. CTA in the ER: The solution to "worst headache of life." In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 823.

Seaman D, Vagal AS, and Meyer CA. Put your back into it: Identifying spinal pathology on chest CT. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 817. Awarded a Certificate of Merit.

Seaman D, Meyer CA, Strunk RS and Attari M. Don't get lost in LA: An electrophysiologist's road map to the left atrium. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 784. Awarded a Certificate of Merit.

Ojeda-Fournier H, Comstock CE, Mahoney MC, et al. Detection and Reporting of Extramammary Findings during Breast MRI. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 755. Awarded a Certificate of Merit.

Kapur S, Paik E, Rezaei A, Verma S and Vu DN. Where there is blood, there is a way: Unusual collaterals in superior and inferior vena cava obstruction. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 1108.

Aeron G, Abruzzo T and Jones B. Imaging presentations of intracranial aneurysmal disease. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 1059 Awarded a Certificate of Merit.

RSNA® 2009
Quality Counts

Choe KA, Verma S, Sussman JJ, et al. Total pancreatectomy with autologous islet cell transplantation for the treatment of chronic pancreatitis: A review of normal post-operative imaging findings and complications. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 850. Awarded a Certificate of Merit.

Verma S, Lamba MAS, Strunk RS, Samaratinga R, Lemen L and Moulton JS. Keys to a successful prostate MR/MR Spectroscopy (MRS) program. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 886.

Verma S, Leach J, Rajesh A, Lall G, Sandrasegaran K, Choe KA, Lamba MAS. To Spare or Not to Spare: Using Prostate MR in Presurgical Planning to Assess Tumor Involvement of the Neurovascular Bundle (NVB). In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 886.

Lall CG, Brown MA, Verma S, et al.. Port Site Complications: Cruising Issues! A Pictorial Review. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 855.

Rajesh A, Verma R, Sinha R, Verma S, et al.. Primary Abdominal sarcomas and other rare tumors: The Gamut and Gestalt. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 862. Awarded a Certificate of Merit.

Lall CG, Sandrasegaran K, Akisik FM, Lin C, Verma S, Sirlin CB. Non-Contrast Abdominal-Pelvic MRA and MRV: Techniques and Applications. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 842.

Sandrasegaran K, Lall CG, Verma S, Akisik FM, Aisen AM, et al. State-of-Art Pancreatic MR Imaging. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 852. Awarded a Certificate of Merit.

Scientific Session Moderator

Mahoney MC and D'Orsi CJ: Breast Imaging (Interventional Management of High-risk Lesions). In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 521.

Refresher Course

Collins J. How to be the speaker everyone wants you to be. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 217, 253.

Thomas SR. Qualifications and aspects of the 2012/2014 Initiatives. Innovations and advances in medical imaging technology - ABR radiologic physics certification. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 256.

Breneman J and Gaskill-Shipley M. Bolstering Oncoradiologic and Oncoradiotherapeutic Skills for Tomorrow (BOOST): Central Nervous System - Anatomy and Contouring. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 205.

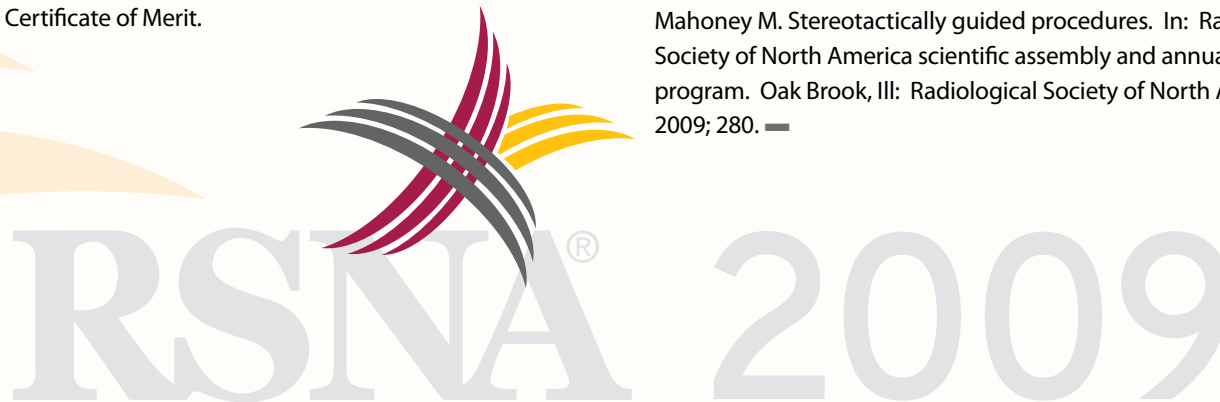
Workshop Faculty

Mahoney M. MR imaging-guided breast biopsy (hands-on workshop). In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 224.

Mahoney M. US-guided interventional breast procedures (hands-on workshop). In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 251.

Mahoney M. MR imaging-guided breast biopsy (hands-on workshop). In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 258.

Mahoney M. Stereotactically guided procedures. In: Radiological Society of North America scientific assembly and annual meeting program. Oak Brook, Ill: Radiological Society of North America, 2009; 280. ■





PUBLICATIONS

Zha Y, Sun D, Weiss KL. Detection of Disk in the MRI Spine Image with reconstructing coronal plane. In: Wheeler B, ed. Beijing, China: iCBBE 2009:95276

Meyers PM, Schumacher HC, Alexander MJ, Derdeyn CP, Furlan AJ, Higashida RT, Moran CJ, Tarr RW, Heck DV, Hirsch JA, Jensen ME, Linfante I, McDougall CG, Nesbit GM, Rasmussen PA, Tomsick TA, Wechsler LR, Wilson JR, Zaidat OO. Performance and training standards for endovascular ischemic stroke treatment. *J Stroke Cerebrovasc Dis.* 2009 Nov-Dec;18(6):411-5.

Wissman RD, Kapur S, Akers J, Crimmons J, Laor T, Ying J. Cysts within and Adjacent to the Lesser Tuberosity: Incidence and Associated Rotator Cuff Pathology. *AJR.* 2009 Dec; 193(6): 1603-6

PRESENTATIONS

Graff C, Weiss KL, Clarkson E, Altbach MI. Simultaneous Estimation of T2, T2-dagger and Lipid Content in Bone with a Novel Iterative Algorithm.: Honolulu, HI; ISMRM 2009;972

Weiss KL, Richards CR, Sun D, Weiss JL. Sub-Minute Fat-Water Separated Dual-Echo Automated Spine Survey Iterative Scan Technique. Vancouver, Canada: ASNR 2009:187

Fox MA, Weiss KL, Weiss JL. Spare a Minute or Two? Multiparametric MR Imaging Spine Screen. In: Castillo M, ed. Vancouver, Canada: ASNR 2009:189

Zha Y, Sun D, Weiss KL. Detection of Disk in the MRI Spine Image with reconstructing coronal plane. In: Wheeler B, ed. Beijing, China: iCBBE 2009:95276

Libfeld E, Holliday RA, Cornelius RS, Phillips, CD, Shatzkes DR. The orbital hematic cyst: Cases, confusion and controversy. Abstract presented at the 43rd Annual American Society of Head and Neck Radiology Meeting, October 9, 2009, New Orleans, LA (presented by E Libfeld)

APPOINTMENTS

The following faculty members have been reappointed by the University of Cincinnati College of Medicine:

Mari Calvo-Garcia, MD
Assistant Professor

Mary Gaskill-Shiple, MD
Professor

Neil Johnson, MD
Professor

Eva Rubio, MD
Assistant Professor

Jennifer Scheler, MD
Assistant Professor

Susan Sharp, MD
Assistant Professor

Kathryn Shumrick, MD
Assistant Professor

Achala Vagal, MD

Assistant Professor

Janaka Wanasapura, PhD
Assistant Professor

OTHER ANNOUNCEMENTS

The following faculty participated at the most recent American Board of Radiology oral examinations: Rebecca Cornelius, MD

Robert Lukin, MD
Mary Mahoney, MD
Jerome Wiot, MD

Rebecca Cornelius, MD, chaired the first meeting of the Neuroradiology Section–core exam assembly–“Exam of the Future” at the ABR office in Tucson August 27-30, 2009. Cris Meyer, MD, is a member of the Chest Panel creating the ABR “Exam of the Future” and participated in the thoracic core exam assembly in Tucson, September 24-25, 2009.

Dr. Mahoney represented UC Radiology as the Principal Investigator at the ACRIN annual meeting on October 1, 2009, in Washington, DC. Current UC ACRIN Trials include ACRIN 6666 and ACRIN 6667.

Jannette Collins, MD, MEd, FCCP, was interviewed and appeared on WCPO-TV, Channel 9 at 6 p.m. on Wednesday, November 11th to discuss the impact of Medicare Cuts for Imaging Tests. Visit www.wcpo.com/news/local/story/Medicare-Payments-For-Medical-Imaging-Face-Cuts/qmD9Lg8_GUyi3V4WMBY_RA.csp to view the story.

In November 2009, Dr. Cornelius traveled to South Africa with a delegation of radiologists sponsored by the People to People Ambassadors program. Members of the delegation toured public and private radiology facilities in Johannesburg, Pretoria, Cape Town and surrounding communities. Delegates met with radiologists in South Africa to discuss socioeconomic and academic issues

facing radiologists around the world as well as the unique problems in healthcare in South Africa.

In March, Dr. Cornelius traveled to the province of Intibuca in Honduras to work for 2 weeks at a medical clinic in a remote area near the border with El Salvador. The clinic is run by a non-profit organization called Shoulder to Shoulder. While there she performed many ultrasound exams, portable x-rays -developed using “wet tank” developing, helped train personnel in ultrasound and x-ray techniques as well as radiation safety training. She also did general medical care in the clinic and traveled to local schools to screen children for anemia, malnutrition and dental problems.

The *Cincinnati Enquirer*, Sunday, November 22, 2009: “Mammography isn’t the perfect tool for catching breast cancer,” quoted Mary Mahoney, MD. Access at: nky.cincinnati.com/article/AB/20091121/NEWS01/911220338/New-mammogram-guides-draw-backlash.

Dr. Mahoney was also quoted in the November 16, 2009 *Enquirer*: “Breast cancer is less common in younger women, but it’s not trivial... If you wait until the cancer clinically presents itself, you’ve missed at least three years when it could have been treated, and by then, it’s metastasized and the treatment is much more aggressive, and the prognosis is less favorable.” Online at news.cincinnati.com/article/20091116/NEWS01/911170366/Government-contradicts-cancer-view. ■