Imaging Institute Updates

Imaging Institute Renovation/Expansion Continues
The new CT scan department (Gb1) opened for outpatients in May and inpatients in June. The department features 5 CT scanners (3 new), new contrast injectors, a sub-waiting area, a changing area and a dedicated patient IV prep/hydration area.

South Pointe’s new Interventional Radiology suite opened in May; Marymount’s new suite opened in July.

The Imaging Institute crossed another innovative milestone in July, completing its first simultaneous PET/MR (mMR or molecular MRI) scan on a breast-cancer patient. As of July 22, under an IRB, 7 PET/MR scans, 9 simulated PET/MR scans, and 12 clinical MR scans were completed on the system. Cleveland Clinic Imaging Institute is one of 30 sites globally to implement this advanced imaging technology, and one of only a handful that intends to have full clinical integration of this technology for patients. The Institute’s mMR resource resides in Qb-MRI-4 and offers cancer, neurology and cardiac patients significant benefits that include greater convenience, lower radiation and greatly improved diagnostic accuracy at detection, staging and restaging of pathology. Subspecialty disease-specific scan protocols and synoptic reports as well as EPIC entry for scheduling are being developed.

Construction for Phase III (expansion of Interventional Radiology) has begun, with demolition of the former Hb-244 staff offices. Emergency Department upgrades are proceeding. Updates to A10 Women’s Health are pending funding approval. The ‘Definition Dual Source’ CT scanner was removed from Gb-015 and relocated to Medina in August; the Sensation 16 CT in Hb6 is scheduled for relocation to Lutheran in September.
7T MRI Installed at Main Campus
A 7T MRI was installed at Main Campus in July. The ultra-high field MRI is the only one of its kind in Northeast Ohio, and one of about a dozen in the United States.

While the Imaging Institute has several 1.5T and 3T MRI scanners, the 7T MRI “provides high spatial resolution that permits us to see smaller details,” said Mark Lowe, PhD, Cleveland Clinic Director of High Field Imaging. “A lot of brain tumors and other pathologies are not visible with the lower field strength MRIs. With the 7T, for example, we can better see the margins of some brain tumors.”

The 7T MRI will be used for biomedical research for neurologic and psychiatric conditions such as multiple sclerosis, Alzheimer’s disease, bipolar disorder, Parkinson’s disease, depression and traumatic brain injury.

With 350 miles of superconducting wire, the 7T MRI weighs 40 tons and is housed in a specially constructed building next to the Mellen Center for Multiple Sclerosis. For more information please contact Dr. Lowe at lowem1@ccf.org.

Agfa PACS Migration Implemented
The Powerscribe 360 implementations are complete. Migration planning for legacy images to be moved from Siemens PACS to Agfa PACS continues, with the storage hardware being installed at the Brecksville and E. 89th Street data centers.

Members of the Mellen Center Research Team, from left to right: Dr. Mingyi Li, Bharath Atthe, Jian Lin, Rebecca Polinsky, Dr. Lowe, Dr. Ken Sakaie, Dr. Katherine Koenig, Dr. Wanyong Shin, Dr. Erik Beall

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Imaging Institute Announcements

Imaging Institute Researchers Recognized
Dustin Thompson, MD, Imaging Fellow, received a 2013 Poster Award from the Society of Interventional Radiology for research entitled “Bench Top Model for Comparing Flow Rate Measurements from a Thermodilution Catheter to a Novel Software-based Method of Flow Quantification Using Digital Subtraction Angiography.” Imaging Institute contributors included Gordon McLennan, MD, Nancy Obuchowski, MD, and Stacy Bennett, RN, BSN.

Ajit Goenka, MD, Imaging Fellow, was awarded the Bronze Medal at the 2013 ARRS Scientific Program for his electronic exhibit entitled “Multidimensional MDCT Angiography in the Context of Transcatheter Aortic Valve Replacement: State-of-the-art Review.” Imaging Institute contributors included Paul Schoenhagen, MD, Michael Bolen, MD, and Milind Desai, MD. Dr. Goenka has been invited to publish the findings in the American Journal of Roentgenology.


Andrei Purysko, MD, received the Roentgen Resident/Fellow Research Award from the Radiological Society of North America in recognition of outstanding radiologic research in 2013.
Lead Aprons Donated to First-year Residents
The Radiology Residency Training Program is grateful for the generous donation of lead aprons for each of our first-year residents. The donor wishes to remain anonymous, but we want you to know how much we appreciate your generosity.

Radiology Alumni Education Award Fund Established
Thank you to those who have contributed to our Radiology Alumni Education Award Fund. Donations to this fund will support the cost of one resident (or more, if donations allow) to attend a national meeting, now about $3,000 a person.

Imaging Institute alumni who are interested in contributing to the Radiology Alumni Education Award Fund (Fund # 30-055460) can make a tax-deductible donation online at http://giving.ccf.org/radiologyalumnieducationaward

Please know that your support is welcome at any level:

- Friend $25
- Cornerstone $100
- Partner $50
- Ambassador $200
- Patron $75
- Other

We greatly appreciate the generosity of the following donors:

2013 Contributors
(as of Aug. 15)

Vincent Chan, MD
David Einstein, MD
Todd Emch, MD
Pauline Kwok, MD
Daniel Lockwood, MD
Antonino Motta, MD
Kerry Sullivan, DO

Residents’ Corner
by Lulu He, MD
Second-year Resident

Another academic year has come and gone. This year, the graduating class of 2013 boasted a 100-percent pass rate on the oral boards! Many of these illustrious residents are now continuing their fellowship education at CCF. It’s always wonderful to see those familiar smiling faces.

Welcome class of 2017! The most transformative years of your professional lives await you. The new residents highlighted the end of their first week at CCF with a warm “welcome cookout” at Sarah Stock’s house. In true Cleveland fashion, lovely weather complimented the bounty of hot dogs, cheeseburgers, drinks and piñata bashing.

Bellies are growing in the residency program – and it’s not from the cheeseburgers! Frances Tardy, Prasanti Ganni and Sarah Stock are expecting new additions to their families this fall. Steve Huang started the trend of newborns on July 18 with the birth of his beautiful daughter, Claire. Adorable baby pictures will be adorning the walls of the residency lounge soon!
Imaging Institute Events

2013 Residents Celebrated Graduation on June 17
Members of the Radiology Residency Class of 2013 celebrated their graduation on June 17 at Blue Point Grille. A total of 64 residents, staff and guests participated in the festive occasion. Highlights of the evening included the presentation of two prestigious awards:

Charles Lau, MD, MBA, was presented the 2012 Norman Glazer, MD, Teacher of the Year Award “in recognition of his excellence in and enthusiasm for teaching Diagnostic Radiology.”

Michael Graybill, MD, was named Best Resident in Interventional Radiology for 2012. The award recognized Dr. Graybill for “his outstanding patient care, academic performance and professionalism in Interventional Radiology.”
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Dipika Patel, Leah Nakley, Amy Tyson, Justin Greiwe, Alison Greiwe, Scott Tyson, Ravi Guttikonda, Kennon Miller

Jenny Wu, Nassem Helo, Kavita Bhatt, Alex Wu, Ben Tritie

Kittu Garg, Tracie Rehfuss, Prasanti Ganni, Esther Udoji, Mark Rehfuss, Akash Garg

Murali Sundaram, Neil Vachhani, Chuck Lau, Dineen Lancaster, Ahmed El-Sherief, Unni Udayasankar

Fangbai Wu, Lulu He, Isaac Dahan, Justin LeBlanc, Sarah Stock, Milad Yazdani, Joseph Chang

Frank Dong, Bill Davros, Kavin Wunderle, Tammy Johnson, Paul Johnson
New Residents and Fellows Welcomed July 13
The Imaging Institute welcomed first-year residents, fellows and their families on July 13 at the home of Allison Vidimos, MD, and Todd Stultz, MD. More than 60 residents, fellows, staff and guests attended the event.

Todd Stultz, Michael Modic and his wife Nancy Varley

Matt Poturalski, Tina Theoret, Sylvia Zavatchen

Gregory Borkowski and his wife Joy

Pauline Kwok and son Ben, Allison Vidimos, and husband Todd Stultz

Aliye, Chris and Audrey Bricker

Manoj Massand, Daniel Lockwood, Steve Huang, Allison Smith

Chuck Martin, Allison Vidimos, Chuck’s daughter and wife

Vlad Statsevych, Neil Vachhani and Chuck Lau

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Upcoming Alumni Events/
Mark Your Calendars

2013 Pumpkin Harvest
On Saturday, Sept. 28, Michael Modic, MD, is hosting the annual pumpkin harvest at his farm in Seville. All radiology staff, alumni, spouses, significant others and children are welcome. Children who want to pick their own pumpkin from the pumpkin patch should wear long pants and have gloves. The event starts at 3 p.m. RSVP before Sept. 20 to skowrol@ccf.org if you wish to attend.

2013 RSNA Cleveland Clinic Radiology Alumni Reception Dec. 1
Drs. Gregory Borkowski, Alice Rim and Pauline Kwok invite you to a reception in honor of our alumni and staff who will be attending the annual meeting of the Radiological Society of North America. All former and current interns, residents, fellows, staff, special friends and spouses/companions are welcome.

Sunday, Dec. 1, 6 to 8 p.m.
Renaissance Chicago Downtown Hotel
Gold Coast Room
1 West Wacker Dr., Chicago 60601
RSVP via
Email: alumni@ccf.org
Online: http://myclevelandclinic.org/alumni/events/events-registration.aspx
Phone: Ellie Biehl at 216.445.6961

Around CHHS

U.S. News & World Report Ranks Cleveland Clinic No. 1 in U.S. Heart Care
For the 19th consecutive year, U.S. News & World Report ranked Cleveland Clinic No. 1 in the nation in cardiology and heart surgery. Overall, Cleveland Clinic was ranked No. 4 among hospitals in the United States and No. 1 in Ohio in the publication’s “Best Hospitals 2014.” Cleveland Clinic Florida is ranked No. 5 in the Miami-Fort Lauderdale metro area and No. 14 statewide.

Among Cleveland Clinic’s highly ranked programs, nine placed in the Top 5, and six – heart/heart surgery; diabetes/endocrinology; gastroenterology/GI surgery; nephrology; rheumatology; and urology – placed among the Top 2.


Cleveland Clinic to Consult with Brain Health Facility in Beijing
Cleveland Clinic physicians will consult with the Beijing Zhongminijian Hospital Management Company as it prepares to open a new, 300-bed brain health facility in Beijing, China. This is a new ground-breaking venture for Cleveland Clinic, as it is our first time consulting on a project in Asia.

Over the next five years, Cleveland Clinic physicians will observe, advise and consult on the hospital system’s model of patient care for neuroscience services in all four disease areas — movement disorders, epilepsy, stroke rehab and memory disorders. In addition, the Beijing Zhongminijian Hospital staff will receive our patient experience training.

“Consulting with a new brain health facility in Beijing allows us to expand our neurological...
expertise and work with other hospital systems across the world. We have the opportunity to impact patient care regionally, nationally and globally,” said Stephen Samples, MD, Vice Chairman of Regional Neurosciences in the Neurological Institute. “The ultimate goal is improved care for patients.”

Officials from the Cleveland Clinic gathered in Beijing in June to sign a contract with a management company there to provide training for brain health specialists opening a new facility in the city. From left to right: Michael Modic, MD, Chairman of the Neurological Institute; Robert Stall, Executive Director of International Operations; Pamela Piar, Senior IT Executive of Clinical Services; Stephen Samples, MD, Vice Chairman of Regional Neurosciences; Kate Zhong, MD, Director of Clinical Research and Development at the Lou Ruvo Center for Brain Health; Jeffrey Cummings, MD, Director of the Lou Ruvo Center; and William Peacock, Clinic Chief of Operations. (Photo provided by Henghe Medical)

Community Hospital Leadership Changes to Meet New Model of Care
Cleveland Clinic is restructuring the leadership in four community hospitals, its Regional Executive Leadership team and its Regional Operations to better manage the new model of care resulting from healthcare reform. In addition, Regional Operations, which includes 27 ambulatory locations and 12 family health centers outside of Lorain County, will now be part of the Regional Executive Administration under the leadership of David L. Bronson, MD, President, Cleveland Clinic Community Hospitals and Family Health Centers.

As of Sept. 1, 2013, new leadership roles included:
Catherine Keating, MD, Chief of Regional Hospital Medical Affairs and Quality on the community hospital Regional Executive Team, is the Associate Chief of Staff responsible for implementing the Clinical Integration Model across Cleveland Clinic.
Brian Donley, MD, President of Lutheran Hospital, moved into the role of Chief of Regional Hospitals Medical Affairs and Quality and Vice President of Regional Hospitals.
Donald Malone, MD, Professor and Chairman of the Department of Psychiatry and Psychology and Director of the Center for Behavioral Health, assumed the presidency of Lutheran Hospital and will continue in these roles.
Brian Harte, MD, President of South Pointe Hospital, left South Pointe and returned to Hillcrest Hospital as its new president.
Robert Juhasz, DO, Medical Director for Cleveland Clinic Willoughby Hills Family Health Center, became the new president of South Pointe Hospital.
Jan Murphy, President of Fairview Hospital, left Fairview Hospital to become the new Chief Operating Officer of Sheikh Kalifa Medical City (SKMC) in Abu Dhabi, United Arab Emirates.
Neil Smith, DO, Vice President of Medical Affairs at Fairview Hospital, became the new president of Fairview Hospital; he is also maintaining his private practice in Internal Medicine.
Jeff Leimgruber, FACHE, President of Hillcrest Hospital since December 2006, left after 16 years of service with Cleveland Clinic.
Cindy Deyling, MD, will continue to oversee the Family Health Center operations and work with Dr. David Bronson and the Regional Executive Team to ensure enhanced integration of the family health centers and community hospitals.
J. Stephen Jones, MD, Chief of Surgical Operations at Fairview Hospital, became the Chief of Regional Hospital Surgical Operations; he will continue as Fairview’s Chief of Surgical Operations.

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Alumni Updates

Ali Esmaili, MD (DR’10), Volunteers in Honduras

Upon graduation in Diagnostic Radiology in 2010, Ali Esmaili, MD, completed a six-month fellowship in Breast Imaging. He currently practices at Encino Breast Imaging Center in Encino, CA.

In May 2013 Dr. Esmaili traveled with Medical Teams International to Catacamas, Honduras. He was involved with developing a breast-imaging and intervention program at a rural clinic, the first in the region to offer screening mammograms and biopsies. Through generous donations from RadNet, the team screened more than 50 patients and performed 10 biopsies within the first four days. The team also trained the clinicians and staff in how to continue a screening program and perform breast ultrasound and biopsy.

“One of the biggest challenges of the project was securing consistent electrical power,” he said. “The area does not have reliable electrical infrastructure. A generator was made available for the clinic, but was also inconsistent in its operation.”

He added: “Overall, this was a very rewarding experience. I encourage other radiologists to find a volunteer project that they are passionate about, whether it is in their own neighborhood or abroad.”

Dr. Esmaili, second from right, volunteers in Honduras

Stay Connected!

We encourage our alumni to stay connected with former colleagues, mentors, associates and friends. You can receive news updates about your training specialty, view events on the digital calendar including CME course information, and register for alumni receptions at our annual conferences.

Please click on http://my.clevelandclinic.org/alumni/my-alumni-profile.aspx to update your alumni profile.

Feedback on our newsletter is always welcome, as are your suggestions for future content. We would enjoy hearing about marriages, births, promotions, retirements and interesting hobbies or vacations that you would like to share, and photos are especially welcome!

The information will appear in the Alumni Updates column in the biannual Radiology Alumni Connection electronic publication. Please send your announcements or photos to kwokp@ccf.org.

Medical Editor - Pauline Kwok, MD (TRS’95, DR’00, ABI’01)
Cleveland Clinic Alumni Specialty Director, Radiology

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