

Radiology Alumni Connection

2018 Issue

From the Editor

It is my great pleasure to dedicate this newsletter to our former radiology chair, Neurological Institute chair and Chief Clinical Transformation Officer Michael Modic, MD — celebrating his many amazing achievements and well-deserved retirement.

Back in 1996, when I was a nuclear medicine resident at Georgetown, Dr. Modic was a guest speaker at one of our monthly District of Columbia Metropolitan Radiological Society meetings. Dr. Modic delivered an excellent presentation on MR imaging for the spine and Modic changes. His professionalism and enthusiasm left an impression on me.

In 2005, he and I worked together to begin Cleveland Clinic's annual radiology alumni receptions at RSNA. And over the years, our families and many others developed friendships during the annual fall festivities and pumpkin hunt at his farmhouse in Seville, Ohio.

Truly part of a Cleveland Clinic family, Dr. Modic remains engaged with our staff and administration. We appreciate his brilliance, dedication and caring.

I also am blessed to have an opportunity to celebrate our musculoskeletal champion radiologist Bradford Richmond, MD (DR'85), who retired after 36 years at Cleveland Clinic. Dr. Richmond has been a wonderful physician, teacher and mentor. He served as Section Head of Musculoskeletal Radiology for many years, started Cleveland Clinic's fellowship in the specialty, and helped influence many residents entering musculoskeletal fellowship training.

On behalf of Imaging Institute friends and colleagues, I wish both Dr. Modic and Dr. Richmond excellent health, prosperity and happiness in their retirement!

Sincerely,

Pauline Kwok, MD (TRS'95, DR'00, ABI'01)
Alumni Membership Secretary,
Editor of *Radiology Alumni Connection*

Celebrating a Remarkable Career: Dr. Modic Retires from Cleveland Clinic

Former radiology chair **Michael Modic, MD (DR'78, NR'79)**, has retired from Cleveland Clinic after 42 years of outstanding achievements. He is one of the most accomplished and respected leaders in the history of Cleveland Clinic radiology.

At the forefront of applying emerging MR technology to brain and spine imaging, Dr. Modic made foundational observations on the utility of MR for spine infection, degenerative disc disease, cervical myelopathy and postoperative spine imaging. He was the first to classify degeneration of endplates and marrow changes associated with degenerative disc disease. Physicians today continue to classify these changes, detectable by MRI, as Modic type 1, 2 or 3.

Dr. Modic also has been linked with many Cleveland Clinic firsts — appointed as the first Chairman of the Neurological Institute in 2007 and the first Chief Clinical Transformation Officer in 2015.

As Chairman of the Neurological Institute, he led the development of Cleveland Clinic Lou Ruvo Center for Brain Health in Las Vegas and multiplied Cleveland Clinic's medical imaging facilities across the U.S.

He worked with **Irene Katzan, MD, MS**, Director of the Neurological Institute's Center for Outcomes Research and Evaluation, and Medical Director of Patient-Entered Data, to implement the collection of patient-reported outcomes through the Knowledge Program and push the development and implementation of Care Paths. This has allowed Cleveland Clinic to standardize and track outcomes of its care processes and ultimately improve quality and outcomes of care.

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Visit us online at clevelandclinic.org/radiologyalumni.
Submit your announcements or photos to kwokp@ccf.org.

During his time leading the Neurological Institute, he also assumed leadership of Cleveland Clinic's emerging business division, including Cleveland Clinic Innovations, which commercializes the medical inventions of Cleveland Clinic caregivers.

As Chief Clinical Transformation Officer, Dr. Modic helped Cleveland Clinic adapt to today's changing healthcare market through value-based care efforts, quality and safety, patient experience, continuous improvement, technology and data. At the 2016 Medical Innovation Summit, he spoke on the meaning of healthcare transformation and the role of innovation. "What we need to do today is to create a model of care delivery that (a) engages the patient as well as the caregivers at all levels and (b) provides an input function that allows us to address the really critical issues of healthcare: first, quality and safety for all concerned — not just patients, but caregivers; second, experience for all concerned — not just patients, but caregivers; third is access, the ability to get in, the ability to experience, the ability to navigate; and fourth is affordability, because all this must be done within the context and constraints of reality. These are the challenges for which innovation will be absolutely critical to addressing," he said.

Dr. Modic received his medical degree from Case Western Reserve University School of Medicine in 1975 and then completed a residency in radiology and a fellowship in neuroradiology at Cleveland Clinic. He joined Cleveland Clinic in 1980 as a staff neuroradiologist and was promoted to Head of the Section of Magnetic Resonance in 1983. He directed Cleveland Clinic's Radiology Residency Program from 1982 to 1985.

"Dr. Masaryk and I, and many others, had Dr. Modic as our residency director," says **David Piraino, MD (DR'85)**, Imaging Informatics Officer in the Department of Diagnostic Radiology. "He was instrumental in helping us be part of the early MR revolution, with some of the earliest MR scans at Cleveland Clinic."

After a few years at Case Western Reserve University School of Medicine/University Hospitals in the mid-1980s, Dr. Modic returned to Cleveland Clinic in 1989

as Chairman of Radiology. He collaborated with **Gregory Borkowski, MD (IM'74, DR'79)**, current Chair of the Imaging Institute, and Dr. Piraino to integrate imaging across the health system with RIS/PACS.

Dr. Modic served on the editorial boards of numerous publications, including *American Journal of Neuroradiology*, *Magnetic Resonance Imaging*, *Radiology* and *Neurology*. He was active on various committees of the American College of Radiology, International Society of Magnetic Resonance, American Society of Neuroradiology and other professional organizations. He was president of the Society of Magnetic Resonance in Medicine in the early 1990s.

A prolific researcher, and holder of The Thomas F. Meaney, MD, Research Scholars Endowed Chair, Dr. Modic published more than 200 papers, as well as nearly 50 books or book chapters. He was a well-traveled speaker and lecturer, and made hundreds of scientific presentations.

In addition to being named a Fellow of the American College of Radiology and the Society of Magnetic Resonance, Dr. Modic earned a Gold Medal Award from the Society of Magnetic Resonance in Medicine for his ability in combining magnetic resonance technology, radiology and pathophysiology. He also earned a Silver Medal from *Clinical MRI* for advancing the use of magnetic resonance.

He was appointed to Cleveland Clinic's Board of Governors in 2000 and named a professor of radiology at Cleveland Clinic Lerner College of Medicine in 2004.

Dr. Modic received Cleveland Clinic's 2014 Distinguished Alumnus Award, recognizing his exceptional achievements and leadership. He was the second radiologist to receive the prestigious award since it began in 1977. **Thomas Meaney, MD (DR'57)**, earned the award in 1995.

Fond Farewell

Approximately 250 family members, friends and colleagues attended a casual yet beautiful farewell party for Dr. Modic in December 2017. The event was hosted by the Imaging and Neurological institutes at The Barn at Mapleside Farms in Brunswick, Ohio.

Thomas Masaryk, MD (NR'89, DR'85), Chairman of the Department of Diagnostic Radiology, and **Andre Machado, MD, PhD**, Chairman of the Neurological Institute, spoke at the event, congratulating Dr. Modic on his remarkable career.

"Now that he's retired, he will receive total consciousness. So he's got that goin' for him, which is nice," quipped Dr. Masaryk.



Dr. Thomas Masaryk, Dr. Michael Modic,
Dr. Andre Machado



Dr. Manuel Cerqueira and Dr. David Piraino



Dr. Christine Quinn, Dr. Michael Modic,
Dr. Andre Machado, Dr. Barbara Risius,
Dr. Leo Pozuelo, Dr. Thomas Masaryk



Mammography Section Manager Rosemary
Jeric, Joy Borkowski, Dr. Gregory Borkowski,
Administrative Assistant Cathy Boyle



Dr. Pauline Kwok, Dr. Paul Ruggieri,
Dr. Mary Alfidi



Dr. Charles O'Malley, Dr. Erica Remer
and Dr. Erick Remer

For more photos, see the Imaging Institute's [Alumni Events web page](#).

Recognition from State Rep. Martin J. Sweeney

Among the guests at Dr. Modic's retirement party was Ohio State Rep. Martin J. Sweeney. He presented Dr. Modic a certificate of recognition, which said: "Although your expertise and guidance will be sorely missed, you have the satisfaction of knowing that your work has been profound, and the example you have set in your career is worthy of emulation, for it has had a meaningful impact on the world around you."



Rep. Martin J. Sweeney with Dr. Modic

Honoring 36 Years at Cleveland Clinic: Dr. Richmond Retires

Diagnostic radiologist **Bradford Richmond, MD (DR'85)**, has retired after 36 years at Cleveland Clinic, 33 as a staff member.

"I have enjoyed working with and learning from everyone — from the people who kept our floor clean to the technologists, front desk people, nurses, residents, fellows, administration and radiologists," he says. "I enjoyed sharing our life's trials, tribulations and joys. I felt like I was part of a big family, with all the variety of events that go with a family. I will miss everyone, the camaraderie and the learning."

Born and raised in Cleveland, and a graduate of Cleveland Public Schools and Cleveland State University, Dr. Richmond started his medical career as a respiratory therapist at St. Alexis Hospital and University Hospitals. In 1981 he earned a medical degree from Case Western Reserve University.

"Marge and I had three children, and we survived med school and ate because she was head nurse of MICU at Cleveland Clinic," says Dr. Richmond. Marge later became head nurse of the first Coronary Care Unit at Cleveland Clinic and helped design the units at G60.

Dr. Richmond realized his interest in radiology while completing an elective in Cleveland Clinic's radiology department during medical school.

"I liked the radiologists, and MR and CT were in their infancy, which was exciting and intriguing," he says.

After completing a radiology residency at Cleveland Clinic and a fellowship at University of California, San Francisco (during which time he was a clinical associate at Cleveland Clinic), he joined Cleveland Clinic staff in 1986.

From 1988 to 2002, Dr. Richmond served as Section Head of Musculoskeletal Radiology. He started Cleveland Clinic's fellowship in the specialty and was its director for 27 years, growing the program from one to the current five fellowship positions. Today the ACGME-accredited program is highly regarded for training quality.

"One of the things I am proud of is building the core of the section in which Cleveland Clinic's current section head was hired, Cleveland Clinic Marymount Hospital's current radiology chairman was trained, and NYU's current radiology chairman was hired," says Dr. Richmond, who also was an associate professor at both Cleveland Clinic Lerner College of Medicine and The Ohio State University's Department of Radiology.

Among his many professional involvements, Dr. Richmond served as President of the Cleveland Radiological Society, Chair of American College of Radiology (ACR) practice guidelines, and board member of the International Society for Clinical Densitometry. He also participated on the Joint Commission Osteoporosis Management Technical Advisory Panel. He served on various committees at Cleveland Clinic as well, including acting as Co-Chairman

of the Community Health Information Committee. He also was a problem-based learning facilitator since the inception of Lerner College of Medicine and served on the Admissions, Medical Student Performance Review and Faculty Affairs committees.

During his medical career, Dr. Richmond made more than 100 presentations, served on the editorial board of several journals, and authored multiple book chapters, including one published in a Netter reference guide. He was a team physician for two high schools and covered local and national sporting events for Cleveland Clinic Sports Health from 1981 to 2012. He had a joint appointment in orthopaedics and was Director of Densitometry in rheumatology.

Dr. Richmond became a fellow of the ACR in 2005 and The Royal Society of Medicine in 2016.

In retirement Dr. Richmond plans to continue working as a contract radiologist and reading for Cleveland Clinic's regional facilities. He also will volunteer at Lerner College

of Medicine. In addition to traveling and spending time with his five grandchildren, he looks forward to doing more fly-fishing, learning photography, learning to play ukulele and harmonica, and relearning guitar.



Dr. Richmond and his wife, Marge, with their granddaughters Emma, Sabine, Heather and Maireid

Imaging Institute Renovation Update

The Imaging Institute continues to make progress on Master Plan Phase 5. Here's what's happening at main campus:

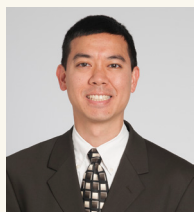
- Phase 3 of the recovery room is now completed, as is QB General X-Ray clinical area and the A21 technologist workroom.
- The fourth A21 General X-Ray digital room is nearly completed. Renovations to the thoracic reading room have begun and renovations to the resident workroom will begin soon.
- The new pediatric fluoroscopy unit has been completed.
- A new Hyfu MRI will be attached to an existing MR in QB by the end of 2018.

Imaging Institute Announcements

Cleveland Clinic's Imaging Institute hosted the 2017 conference for the American Society of Clinic Radiologists (ASCR) October 5-7 at the InterContinental-Cleveland hotel. The ASCR is composed of radiologists and administrators from leading healthcare institutions across the U.S. The agenda included time for each hospital to share issues and best practices. Breakout session topics included sub-specialization, reimbursement, clinical decision support, MACRA and productivity. Special events included tours of the Imaging Institute and Foundation House, an opening evening reception and dinner at the Global Center for Health Innovation, and a second evening reception, dinner and entertainment at the Rock and Roll Hall of Fame.

Cleveland Clinic Avon Hospital celebrated its first anniversary in November 2017. Imaging services on Cleveland Clinic's Avon campus now include X-ray, CT, ultrasound, 3T MRI, nuclear medicine, mammography, interventional radiology and 24/7 emergency imaging. Walk-in mammograms are available six days a week. In their first year, 43 Avon Hospital imaging caregivers completed more than 38,000 exams on outpatients, inpatients and ED patients.

Eric Lee, MD, and **Ruchi Yadav, MD**, have been appointed Associate Directors of the Imaging Medical Student Program. They will work alongside the program's director, **Rekha Mody, MD**.



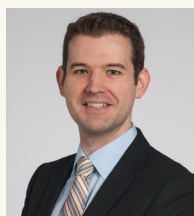
Dr. Eric Lee



Dr. Ruchi Yadav



Dr. Rekha Mody



Dr. Ryan Ward

Radiology resident **Ryan Ward, MD**, received a prestigious award stipend from the Radiological Society of North America for his abstract on abdominal imaging on renal stones and bone mineral composition.



Dr. Elias Traboulsi, Chairman of Cleveland Clinic's Department of Graduate Medical Education, with Dr. Gupta

Radiology resident **Amar Gupta, MD**, received the Joseph Cash Memorial Award at Cleveland Clinic's Academic Awards Dinner in May. The award is presented to a Cleveland Clinic house staff member for an outstanding

published project exemplifying professional excellence related to health outcomes. Dr. Gupta's mentor was interventional radiologist **Baljendra Kapoor, MD**.



Dr. Charles Martin

The Imaging Institute's new Engagement Committee, led by **Charles Martin, MD**, is planning educational and social activities for imaging caregivers. Staff and non-staff from main campus and regional hospitals are welcome to join the committee. Contact Dr. Martin at martinc7@ccf.org for more information.

Residency Update

by Joseph Veniero, MD, PhD, Radiology Residency Program Director

I've had an exciting first year as Program Director and am thankful for all the help I've received from the Program Coordinator, Education Manager, chiefs, staff and residents. Here are some highlights of our 2017-18 program year:

- The first-year resident quality project focused on reducing start times for ED abdominal and pelvic ultrasounds on main campus. Wait times were reduced to 54 minutes from 59-69 minutes.
- We had 800 applications to our program and interviewed 126 applicants. The match was successful with eight great students making up the class of 2023!
- We had another strong year of residents' scholarly activity with (as of May 2018):
 - 18 national presentations
 - 31 local presentations
 - 4 publications
 - 4 research projects
 - 1 textbook chapter
 - 14 QI projects
 - 97.75 hours of medical student and PA anatomy lab teaching
 - 7 Clinical Instructor appointments

Our residency will be getting a new home in 2019. We will be renovating the vacated Gamma Knife suite to create study space, lockers, a break area and offices. We also are getting a new conference center in the L building.

The fun will continue this program year with updated program requirements for ACGME, our first 10-year ACGME accreditation site visit and another round of applications.

2018 Residency Award Winners

Best Resident in Interventional Radiology

D. Alex Paratore, DO

Emergency Radiology Resident of the Year

Ryan Ward, MD

Class of 2018 Department Researcher

Amar Gupta, MD

Medical Student Viewbox Teaching Award

Michael Brown, DO, and Sara Hunter, MD

Medical Student Formal Teaching Award

Sara Hunter, MD

RadTeams Challenge Cup

The Beam Hardeners – Matthew Kiczek, DO; Daniel Paulson, MD;
Abed Ghandour, MD; Nathan Mielke, DO; Michael Brown, DO;
Sean Gallagher, DO; Sara Hunter, MD; Sanah Shaikh, MD

Three Trainees Awarded on Annual Meaney Research Day

For the second year, Cleveland Clinic's Imaging Institute celebrated Thomas F. Meaney Radiology Research Day, a nod to **Thomas Meaney, MD (DR'57)**, Chair of the Division of Radiology from 1966 to 1987. Before his death in 2006, Dr. Meaney donated funds to support Imaging Institute research.

During the half-day event on May 29, Imaging Institute Chair **Gregory Borkowski, MD (IM'74, DR'79)**, shared an overview of Dr. Meaney's illustrious career. **Stephen Jones, MD, PhD**, encouraged attendees with a radiological story of discovery (of X-rays in particular), and reminded them of two important lessons: "Strike while the iron's hot," and "Chance favors the prepared mind."

The highlight of the day, 15 radiology residents, fellows, research fellows and graduate students presented their research, followed by an awards luncheon.

Musculoskeletal radiology fellow **Jonathan Rassi, MD**, (faculty mentor: **Joshua Polster, MD**) received the

\$700 grand prize for his research on "Characterization of Glenoid Bone Remodeling in Professional Baseball Players."

Two honorable mentions, along with \$150 awards, went to:

- Neuroradiology fellow **Matthew Poturalski, MD**, (faculty mentor: **Jonathan Lee, MD**) for "Pre-treatment ADC Values to Predict Response of Vestibular Schwannoma to Gamma Knife Radiosurgery."
- Resident **Ryan Ward, MD (R4)**, (faculty mentor: **Erick Remer, MD**) for "Understanding Risk Profiles of Urinary Stone Formers: Lessons Learned from Analysis of CT Scans."

"We look forward to continuing this tradition and look forward to next year's event," says Dr. Jones. "When presenting research during the coming year, all Imaging Institute trainees should remember this event. So, keep your posters and presentations!"

Members of Dr. Meaney's family attended the first Meaney Research Day in 2017.



Dr. Rassi (center) with Dr. Jones and Dr. Borkowski

or posterior-superior glenoid, and both the prevalence and range of involvement of focal glenoid retroversion was greater in professional pitchers. We also explored the potential pathophysiology of this type of glenoid remodeling by considering the effect of repetitive stress on glenoid secondary ossification centers and the process of enchondral ossification.

This study was presented at the Society of Skeletal Radiology Annual Meeting in March 2018 and the American Roentgen Ray Society Annual Meeting in April 2018. The authors are preparing a manuscript to be submitted to Skeletal Radiology.

Grand Prize

Characterization of Glenoid Bone Remodeling in Professional Baseball Players

Rassi J, Subhas N, Bullen J, Forney M, Polster J

Overhead throwing athletes are known to develop osseous changes or adaptations in their throwing shoulders, such as humeral torsion and glenoid retroversion. We have noticed that professional baseball pitchers tend to have a focal posterior marginal convexity of the glenoid rather than global glenoid retroversion. The goal of our study was to characterize the appearance, location, severity, and prevalence of this focal glenoid retroversion by evaluating the shoulder MRIs of professional baseball pitchers and age-matched controls. We found that focal glenoid retroversion tends to occur in the posterior

Honorable Mention

Pre-treatment ADC Values to Predict Response of Vestibular Schwannoma to Gamma Knife Radiosurgery

Poturalski M, Karakasis C, Kshetry V, Borghei-Razavi H, Bullen J, Lee J

ADC values play an integral role in current imaging and can identify changes at the cellular level before evident on most standard imaging sequences. ADC values have been shown to inversely correlate with tumor cell density and may serve a role in monitoring response to treatment. Our research sought to predict changes in tumor volume in vestibular schwannoma treated with radiation therapy. We performed a retrospective study of patients treated at CCF and did not demonstrate a statistically significant relationship between pre-treatment ADC values and changes in tumor volume in treated vestibular schwannoma.

This study was presented at the ASNR Annual Meeting in June 2018.



Dr. Poturalski (center) with Dr. Jones and Dr. Borkowski

Honorable Mention

Understanding Risk Profiles of Urinary Stone Formers: Lessons Learned from Analysis of CT Scans

Ward RD, Remer EM, Patel N, Calle J, Monga M

CT scans are commonly used in the evaluation of kidney stone disease. These scans not only help diagnose nephrolithiasis, but also contain information about patient comorbidities and metabolic processes that may be associated with the formation of kidney stones. Collaborating with the Department of Urology, we evaluated CT scans for visceral and subcutaneous adipose, hepatic steatosis, aortic calcifications, and bone mineral density. Among other associations, we found significant relationships between visceral obesity, hepatic steatosis, low urine pH and uric acid stones. Additionally, patients with low bone vertebral density were more likely to have large stone volumes and elevated levels of calcium in their urine. Collectively, these findings suggest that CT scans can provide insight into various metabolic derangements that may require further clinical evaluation and management.

This study was presented at RSNA 2017.



Dr. Ward (center) with Dr. Jones and Dr. Borkowski

Dr. Brian Herts Named Teacher of the Year



Dr. Jennifer Joyce with Teacher of the Year Dr. Brian Herts

On behalf of Cleveland Clinic's Diagnostic Radiology Class of 2018, resident **Jennifer Joyce, DO**, announced **Brian Herts, MD**, as the Norman Glazer Teacher of the Year, the Imaging Institute's highest teaching honor. "Not only is he thorough, but absolutely meticulous when he teaches," she said. "He is tactful. He goes above and beyond to ensure that no resident is left behind. In fact, I sincerely believe that each time he is teaching, either at the viewbox or during a procedure, it is specifically tailored to each resident. He has taken the time to know us personally, and teaches us as individuals."

For the first time, sectional Teachers of the Year also were recognized by the graduating class.

Congratulations to these honored educators:

Abdominal Imaging – **Peter Liu, MD**

Breast Imaging – **Dana Ataya, MD**

Cardiac Imaging – **Paul Schoenhagen, MD**

Vascular & Interventional Radiology – **Karunakaravel Karuppasamy, MD**

Thoracic Imaging – **Subha Ghosh, MD**

Musculoskeletal Imaging – **Joshua Polster, MD**

Neuroradiology – **Daniel Lockwood, MD**

Nuclear Medicine – **Sankaran Shrikanthan, MD**

Pediatric Imaging – **Ihsan Mamoun, MD, MBA**

Congrats to the Class of 2018

On June 21, families, friends and colleagues gathered at Cibrèo Privato in Cleveland's Playhouse Square, to celebrate the 2018 graduates of Cleveland Clinic's Diagnostic Radiology and (for the first time) Diagnostic Medical Physics residency programs. Nearly 100 attendees joined the festivities led by Residency Director **Joseph Veniero, MD, PhD**, and Medical Physics Section Head **Paul Johnson, MS, PhD**.

Imaging Institute Chair **Gregory Borkowski, MD (IM'74, DR'79)**, gave a stirring commencement speech, including insights he learned from his father, an internist. When Dr. Borkowski graduated from medical school and was moving to Cleveland for his internship, his father urged him to always do the right thing for patients. "Patients are your priority," he said. "They trust that physicians will do right by them." Dr. Borkowski urged the new graduates to do the same.

In addition, he warned the class that the medical profession requires continuous learning. Ceasing to learn and falling behind could be detrimental. He predicted that Artificial Intelligence is here to stay and encouraged the graduates to embrace it. "It will not replace you as the interpreter of an examination," he said, "but it will help you do your work better."



From left to right: Dr. Sean Gallagher (R3), Dr. David Sweet (R2), Dr. Evan Mason (R3)



From left to right: Dr. Joseph Veniero, Dr. Daniel Lockwood, Dr. Mike Forney



From left to right: Dr. Natalie Hinchcliffe, Dr. Akriti Khanna (R1), Dr. Priyal Gupta (R2), Dr. Jennifer Joyce (R4), Dr. Sandhya Jacob (R3)



Medical Physics Section Head Paul Johnson with Medical Physics graduate Anzi Zhao



Front row, from left to right: Dr. Pauline Kwok, Dr. Amy Maneker, Dr. Myra Feldman. **Back row, from left to right:** Dr. Andrei Purysko, Dr. Stephen Hatem, Dr. Brian Herts, Dr. Peter Liu



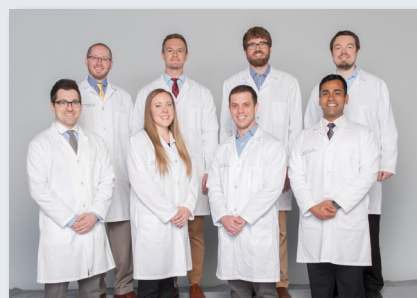
Front row, from left to right: Residency Program Coordinator Sylvia Zavatchen, Education Program Administrator Lisa Kempton, Administrative Assistant Darlene Bublay, Dr. Gregory Borkowski. **Back row, from left to right:** Rusty Zavatchen, Mike Kempton, Administrative Assistant Jamal Davidson, Dr. Daniel Lockwood, Dr. Mike Forney, Dr. Joseph Veniero



Front row, from left to right: Dr. Evan Mason (R2), Dr. Priyal Gupta (R2), Dr. Akriti Khanna (R1), Dr. Darlene Holden, Dr. Michael Brown (R3). **Back row, from left to right:** Dr. Murali Sundaram, Dr. Furqan Syed (R4), Dr. Josh Polster, Dr. Suhle (Ty) Phillips (R1), Abhinav Khanna

We extend congratulations to our Diagnostic Radiology graduates and wish them the best during their fellowship training.

- **Phillip Clark, MD** — Cleveland Clinic, Musculoskeletal Radiology
- **Amar Gupta, MD** — Massachusetts General Hospital, Interventional Radiology
- **Ryan Incledon, DO** — Cleveland Clinic, Musculoskeletal Radiology
- **Jennifer Joyce, DO** — Cleveland Clinic, Neuroradiology
- **Matthew Kiczek, DO** — Johns Hopkins, Neuroradiology
- **D. Alex Paratore, DO** — Cleveland Clinic, Interventional Radiology
- **Daniel Paulson, MD** — Cleveland Clinic, Musculoskeletal Radiology
- **Andrew Schreiner, MD** — Cleveland Clinic, Abdominal Radiology



First row, from left to right: Dr. D. Alex Paratore, Dr. Jennifer Joyce, Dr. Ryan Incledon, Dr. Amar Gupta. **Second row, from left to right:** Dr. Andrew Schreiner, Dr. Matthew Kiczek, Dr. Daniel Paulson, Dr. Phillip Clark

For more photos, see the Imaging Institute's [Alumni Events web page](#).

Welcoming New Residents and Fellows

New Imaging Institute residents and fellows were welcomed in July at an after-work reception on main campus.



Dr. Scott Poswilko (R1) and Dr. Nick Zerna (R1)



Left to right: Dr. Trent Dixon (R1), Dr. Mike Juan (R1), Dr. Brian Corwin (R1), Education Administrator Lisa Kempton, Associate Program Director Dr. Mike Forney, Dr. Daniel Lockwood. **Bottom:** Dr. Priyesh Patel (R1)



Dr. Mike Juan (R1) and Dr. Daniel Lockwood

For more photos, see the Imaging Institute's [Alumni Events web page](#).

Around Cleveland Clinic:

New CEO Prioritizes Caring for Caregivers

When Cleveland Clinic's new CEO and President **Tom Mihaljevic, MD**, delivered his first State of the Clinic address, he listed caring for caregivers as one of Cleveland Clinic's four cornerstones of care (along with caring for patients, our organization and the community). Here are some ways caregivers are benefiting:

- This summer, the Office of Caregiver Experience has been conducting listening tours throughout the health system.
- All caregivers have been invited to share their thoughts about programs and services that are important to them during online webinars or through surveys.
- Cleveland Clinic Connect Today has added a new website for [Professional Staff Development](#). All learning and professional development resources — including self-directed courses and classroom experiences — are now accessible from one online location.
- The [Professional Staff Well-Being Resource Center](#) continues to be a confidential referral system for staff members dealing with stress, burnout and other mental health concerns.

For more about Dr. Mihaljevic, see ["From Croatia to Cleveland: One Question that Guides Cleveland Clinic's New CEO" on Consult QD](#).

Centennial Legacy Society Recognizes Alumni Pledging \$5,000 or more

Since its founding in 1921, Cleveland Clinic has become one of the most famed healthcare institutions in the world, pioneering medical achievements such as:

- Heart breakthroughs that can repair valves and bypass blockages
- Deep brain stimulation to treat Parkinson's disease
- Sports health medicine
- Face transplant

There's a lot to be proud of through nearly a century of medical care, research and education. We salute the contributions of all who have made Cleveland Clinic what it is today.

Philanthropy allows us to continue to innovate, advance from the routine, and find new ways to make procedures safer, better and more accessible for patients — not to mention increase the quality of training for students, residents and fellows.

In anticipation of Cleveland Clinic's 100th anniversary in 2021, the Centennial Legacy Society is recognizing alumni who continue the tradition of excellence by making a gift of \$5,000 or more to an alumni fund supporting The Power of Every One Centennial Campaign.

Alumni gifts will support professional development grants in the Education and Lerner Research institutes, as well as Cleveland Clinic Lerner College of Medicine student scholarships and research, training and development programs. Funds also support the Centennial Wall Project, a multimillion-dollar, interactive display designed to showcase many of the remarkable careers and achievements of the men and women who have made Cleveland Clinic a standard for world-class care. When funded, the project is scheduled to be completed as Cleveland Clinic turns 100 in 2021.

We welcome you to join the Society and encourage colleagues and friends of the Cleveland Clinic Alumni Association to do likewise. Members will be inducted during a pinning ceremony at the annual Centennial Legacy Society and Alumni Awards Reception, which takes place each fall in Cleveland. They also will be recognized on the Alumni Association website and in its publications.

For more on becoming a [Centennial Legacy Society member](#), contact Alumni Association Director Mindy Stroh at strohm@ccf.org or [make an online gift](#) today.

Imaging/Radiology Alumni Director **Darlene Holden, MD (DR'08, MSR'09)**, and Alumni Membership Secretary **Pauline Kwok, MD (TRS'95, DR'00, ABI'01)**, attend Cleveland Clinic's Alumni Association board meetings and Imaging Institute events, and work to further connections between Cleveland Clinic radiology alumni. Please stay in touch with us! We look forward to hearing from you!



**Darlene Holden, MD
(DR'08, MSR'09)**
Imaging/Radiology Alumni Director



**Pauline Kwok, MD
(TRS'95, DR'00, ABI'01)**
Alumni Membership Secretary,
Editor of *Radiology Alumni Connection*