

Radical Views...

from the Department of Radiology



Beth Israel Deaconess
Medical Center

Volume 10, Number 10

MAY 2018



FROM THE CHIEF
Jonathan B. Kruskal, MD PhD

Dear All,

We have terrific news to share:

We have received a remarkable bequest pledge from William A. Rubenstein, M.D., a former radiology resident at Beth Israel Hospital from 1974-1977. This

pledge will establish the **William A. Rubenstein, M.D., Endowed Beth Israel Deaconess Medical Center Chair in Radiology**. This future chair will provide income for the appointed incumbent for use in the pursuit of ongoing research, clinical or educational efforts, or the development and implementation of important initiatives in any of these areas within Radiology. This is not a Harvard Medical School but a BIDMC hospital chair, which means that it will remain within our department to support our many mission-related initiatives.

Dr. Rubenstein is currently an abdominal radiologist and Associate Professor of Clinical Radiology at Weill Cornell Medical College and an Associate Attending Radiologist at New York-Presbyterian Hospital, Weill Cornell Medical College Campus.

We are most grateful to Dr. Rubenstein for creating this wonderful gift which will greatly benefit our Department and leave a lasting legacy honoring the training and medical education Dr. Rubenstein received here as a resident.

- Jonny



I am also proud to share the news that two research grant applications from BIDMC Radiology were deemed among the top-ranked by the Radiological Society of North America Research & Education Foundation and approved for funding:



Salil Soman, MD, MS (Neuroradiology attending) - was awarded the RSNA Research Scholar Grant for his study: "Improving Intracranial Hemorrhage Risk Stratification with Advanced Cerebral Microhemorrhage (CMH) Imaging Using Preconditioned Quantitative Susceptibility Mapping (PQSM) MRI."

Geunwon Kim, MD, PhD (current 3rd yr resident) - was awarded the Resident Research Grant for her study: "Development and Validation of MRI-based Quantitative Fat and Fluid Volumetrics for Lymphedema Staging and Guidance of Liposuction and Lymphatic Reconstruction in Upper and Lower Extremities."

Their awards will be presented at the 2018 RSNA Annual Meeting in Chicago, November 25-30. Please join me in congratulating Salil and Geunwon on their terrific accomplishments.

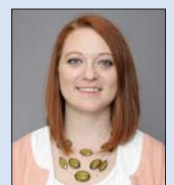
- Jonny

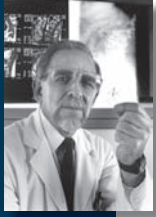


Radiology RESEARCH

If you are interested in submitting an application for either internal/external research funding or hiring a student, fellow, or other, please contact **Bridget Russo** for assistance.

Bridget Russo
Research
Administrator
Ansin 249
617-667-7427
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Department of Radiology

Morris Simon, MD Research Day 2018

and the
2nd Annual Morris Simon, MD Memorial Lecture:

Clinical Evidence as a Public Good: Can it help transform healthcare?

presented by

Ramin Khorasani, MD, PhD

Distinguished Chair, Medical Informatics
Vice Chair, Department of Radiology
Director, Center for Evidence-Based Imaging,
Brigham and Women's Hospital
Professor of Radiology, Harvard Medical
School



Ramin Khorasani, MD, PhD

The Morris Simon, MD Research Day recognizes the research efforts of the entire department. This year 10 talks by faculty, residents and fellows were presented to update us on their current study efforts before guest speaker Dr. Ramin Khorasani delivered the 2nd Annual Morris Simon, MD Memorial Lecture.

Research awards honoring the work of BIDMC staff and trainees over the past year were also presented.



A. Fourie Bezuidenhout, MD: (Neuroradiology Fellow)

Resolving the Chiari conundrum with real-time CSF flow imaging.

- 2018 Risa & Felix Fleischner Young Investigator Award
- Best Fellow Research Award



Ritu Gill, MD, MPH: (Cardiothoracic Imaging)

Quantitative imaging of thoracic neoplasms – towards measurable outcomes and individualized treatments.



Aaron K. Grant, PhD: (MR Research)

Imaging cancer metabolism with hyperpolarized carbon-13.



Alexei Kudla, MD: (3rd yr resident)

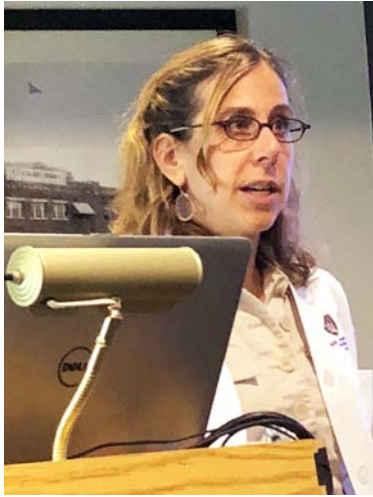
Peer learning from the diagnostic near-miss.

Morris Simon, MD Resident Award for Innovation



Olga R. Brook, MD: (Vascular & Interventional/Abdominal Imaging)

- Morris Simon, MD Research Sabbatical
- Morris Simon, MD Award for Clinical Innovation



Jordana Phillips, MD:
(Breast Imaging)

Contrast enhanced mammography research at BIDMC.



Salil Soman, MD, MS:
(Neuroradiology)

Novel brain imaging for reducing intracranial hemorrhage risk: Quantitative susceptibility mapping MRI.

Morris Simon, MD Award for Research Innovation



Manuel Taso, PhD:
(MRI Research Fellow)

Fast non-contrast abdominal perfusion imaging with arterial spin labeling MRI.



Leo Tsai, MD, PhD, MSc:
(Abdominal Imaging/MRI)

Development of novel coaxial microcatheters for rapid navigation across tortuous vessels.

Morris Simon, MD Research Sabbatical



Catherine Wei, MD, PhD:
(4th yr Resident)

Restriction spectrum imaging for breast cancer screening.

RSNA Roentgen Trainee Research Award



Ammar Sarwar, MD:
(Vascular & Interventional Imaging)

Determining value in image-guided therapies: An update.

Radiology Calendar MAY 2018

Check for the most up-to-date schedule at: <https://apps.bidmc.org/departments/radiology/residency/conferences/displayMonth.asp>

Mon	Tues	Wed	Thurs	Fri
Weekly Mon Section Meetings: 3:00-4:00 ED section meeting [ED annex, WCC]		Weekly Wed Section Meetings: 11:00-12:00 MSK clinical conference 12:00-1:00 CardioThoracic, GI/GU Oncology 3:00-4:00 Mammo [TCC-484]	Weekly Thurs Section Meetings: 12:00 - 1:30 Abd [WCC-354] 12:00-1:00 MSK	*Note that as our 12 noon Friday Grand Rounds are held in the Rabkin Board Room , Shapiro-10, East Campus (except when noted otherwise, i.e., Sherman Auditorium)
	1 7:30 - 9:00 Holiday/Call Lottery (Chief Residents)	2 7:30 - 9:00 MRI Artifacts (Georgeta Mihai)	3 7:30 - 9:00 Holiday/Call Lottery (Chief Residents) 4:00-5:00 West Med Rads - Senior Resident on West Body CT [Clouse]	4 7:30 - 8:15 Professionalism Session: Communication (Program Directors) 12:00 - 1:00 No Grand Rounds
7	8 10:30-11:30 NMMI meeting [GZ-103]	9 7:15-8:00 US meeting [RB-304A] 7:30 - 9:00 Neuro Lecture TBD (Neuro Dept)	10	11 7:30 - 8:15 Networking (Amy Patel) 8:15 - 9:00 Contract Negotiations (Amy Patel) 12:00 - 1:00 Grand Rounds: Achieving Work-Life Integration: Is it possible to have it all? (Guenwon Kim et al.)
14 7:30 - 8:15 Board Review: GI (Koenraad Mortelet) 8:15 - 9:00 Board Review: GU (Leo Tsai) 12:00-1:00 MRI meeting [Ansin 2]	15 7:30 - 9:00 Board Review: MSK (Jim Wu) 8:00-9:00 IR Meeting [West Recovery]	16 7:30 - 9:00 Board Review: Mammo (Amy Patel)	17 7:30 - 9:00 Board Review: IR (MGH Faculty)	18 12:00 - 1:00 Chief Grand Rounds: Stanley Kim, Jose Santiago, Kimi Hashiba, Janeiro Achibiri
21	22 10:30-11:30 NMMI meeting [GZ-103]	23 7:30 - 9:00 Neuro Lecture TBD (Neuro Dept)	24	25 7:30 - 8:15 Organized Radiology & Offerings (Amy Patel) 12:00 - 1:00 Grand Rounds: Fellowship Scholarly Projects
28	29 7:30 - 8:15 Brain Imaging (Kevin Donohoe) 8:15 - 9:00 Nuclear Medicine Cases (Kevin Donohoe)	30 7:30 - 8:15 FDG PET (J. Anthony Parker) 8:15 - 9:00 Non-FDG PET (J. Anthony Parker)	31 7:30 - 8:15 Radionuclide Decay (Kevin Donohoe) 8:15 - 9:00 Radiation Exposure (Kevin Donohoe)	

The Gallery presents photos by Lorena Maia
IR Practice Administrator



Please Welcome:

Please welcome our new **Financial Administrator, Alla Sosinov**. Alla was in the top 5% of her graduating class (*magna cum laude* equivalent) at the State Pedagogical University, Ukraine, where she earned a degree in mathematics, physics and technical science. She brings to radiology nearly 30 years of experience



Allen Reedy, MBA
Sr. Director, Radiology
Business & Finance
BIDMC and HMF



Alla Sosinov
Financial Administrator
4-2567 • Location TBA

as a financial professional including more than a decade as Senior Budget/Financial Planning Analyst at BIDMC. Having joined radiology very recently, her permanent office location and phone number are still to be determined but she is available via e-mail at asosinov@bidmc.harvard.edu.



Priscilla J. Slanetz,
MD, MPH, FACR,
Director

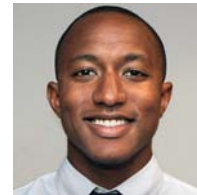
2018-2019 Chief Residents

Dear all,

The Residency Program Leadership is pleased to announce that the following PGY-4 residents have been selected to serve as the 2018-2019 Chief Residents starting in June 2018:



Michael Johnson
Administrative
Chief



Christopher
Maxwell
Education Chief



Alexei Kudla
Quality Chief

All three bring diverse skills and unique prior experiences to this position and we are certain that their leadership will benefit the program and our Department greatly.

Save the Date

The **25th Annual Fleischner Graduation Dinner** will be held on Friday, June 22nd at the Harvard Club beginning at 6:00 pm.

MAY 2018 GRAND ROUNDS:

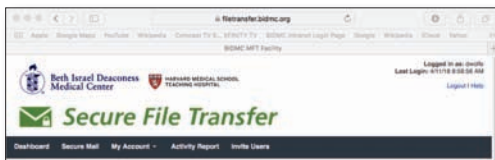


**Friday, May 11, 2018
12 noon - 1:00 PM
Rabkin Board Room, SH-10**

**Achieving work-life integration:
Is it possible to have it all?**

This week's Grand Rounds entitled **Achieving Work-Life Integration: Is it possible to have it all?** is a panel discussion moderated by Dr. Amy Patel with panelists: Drs. Priscilla Slanetz, Etta Pisano, Michael Fishman, and Diana Litmanovich.

Please join us for a candid panel discussion on work-life integration. Featured faculty panelists will be addressing questions pertaining to both men and women. All are encouraged to attend and share any possible questions regarding this topic.



NEW SECURE FILE TRANSFER SYSTEM

On April 30th Information Systems retired the Accellion secure file transfer system (<https://transfer.bidmc.harvard.edu>). The new system is at <https://filetransfer.bidmc.org>. The old URL will redirect only to the new system. You will need your ITS user name and password to log in, then just follow the icons for secure mail to send large files securely to external or internal email addresses as you have in the past. If you have any questions, please contact the support center at (617) 754-8080.

Stay in touch:

Check out our **BIDMC Radiology Alumni Society page** and access our monthly **Radical Views**

Also contact **Radical Views Editor Donna Wolfe** at dwolfe@bidmc.harvard.edu with updates, especially after completion of your residency or fellowship!



<http://radnet.bidmc.harvard.edu/education/newsletters.asp>



Aideen Snell, MSW, CPXP
Manager, Service Excellence
Program x72570
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AIDEEN SNELL: SERVICE EXCELLENCE & ACTION PLANNING (SEAP) COMMITTEE

Radiology Action Planning Committee on Patient Engagement

MAY TIP of the Month:

Try changing **U** to



Most problems we are presented with each day are due to a breakdown in communication. This could be from a patient misinterpreting what you said, a misread of body language, a lack of explaining something fully or it could be that you are offending people in the approach you are using.

When you have a conflict with another individual like a co-worker or spouse and you are trying to resolve the problem, try to avoid the use of YOU and only speak for yourself – example: "I feel disrespected," "I feel devalued," "I feel misunderstood." When you say 'you are being disrespectful' the other individual may feel attacked and go on the defense, at which point they are no longer listening to what you have to say. It's not easy to do... give it a try! See if it helps you to be more effective in your communication. **Always remember, the key to good communication is being a good listener!**



Speaking of improving communication by changing "You" to "I", please note that **Patient Survey Cards** are available for pick-up at 2 locations on the West Campus Clinical Center (RB-3): in Lauren Forbes's office (Rm 302 - Radiology Executive Office) and outside of Donna Wolfe's office (Rm 304B - next to the Radiology Conference Room/Gallery).

KUDOS - Ancient Greek noun meaning praise and honor received for an achievement

Kudos recognizes staff members for providing outstanding care and service, and for promoting team communication. Please send your positive feedback for anyone deserving this honor to Lauren Forbes (lforbes@bidmc.harvard.edu) Congratulations to the following:



Ron Mercer, MD
2nd yr resident

"This past Sunday West shift - I was on and it was exceptionally busy - getting absolutely crushed with back to back traumas, one after the other. When out of the blue I realized that several studies were "falling" off my list. I came to realize **Ron Mercer**, who was moonlighting/late cases, had checked in on the list and realized that it

was becoming unmanageable. He then went way beyond his required duties and actually picked up numerous radiographs, a CT and even 2 spine MRIs on the ED list. Unheard of! It was of enormous help, especially considering he had been on an extremely busy West ED shift on Saturday the day before."

- Mohammed Elsayed, MD
2nd yr resident

I asked **Nora Call** to take the lead on our ACR renewal process in Ultrasound, and without hesitation, she agreed. During her evening shifts, she would review cases and reports, and came up with a list of cases for the Radiologist to review prior to submission.

Nora was in constant communication with her co-workers letting them know specifically what was needed in order to pass this accreditation. Nora is a hard-working, dedicated individual who does whatever it takes to get the job done. The amount of time and effort put into this accreditation while still providing excellent care to our patients should not go unnoticed.

Thank you Nora for all that you do on a daily basis! Great Job!

- Bob Butler
Clinical Manager, Chestnut Hill



Nora Call
Ultrasongrapher
Tech II

More KUDOS - Ancient Greek noun meaning praise and honor received for an achievement



Jesse Backstrom
Diagnostic Tech II



Isaac Dube
Diagnostic Tech II



Jennifer DiStefano
Diagnostic Tech II

"I wanted to send you an email to acknowledge two of your radiology technologists. Today one of my patients had a portable x-ray after a PICC placement. Isaac Dube and Jessie Backstrom came up to the floor and upon arrival I explained to them that this patient was here with alcohol withdrawal, can be difficult at times, verbally abusive, and also was cdiff positive. Right when they were about to go into the room, the patient jumped out of bed, setting off the bed alarm to go to the bathroom. She has been unsteady- Isaac who happened to be the first into the room and already gown'd and glove'd, guided her into the bathroom to ensure she was safe. The patient had been incontinent in bed and all over the floor. Isaac and Jessie both helped me clean up the floor and do a full bed change while the patient was in the bathroom. No one asked them to help and they could have just stood to the side and waited for the patient to be done, but both Isaac and Jessie were more than happy to help me with this difficult patient.

I cannot thank them enough for all of their help in that small amount of time which made my day so much better! They definitely need to be recognized for going above and beyond today!!"

- Emalee Mahoney, RN

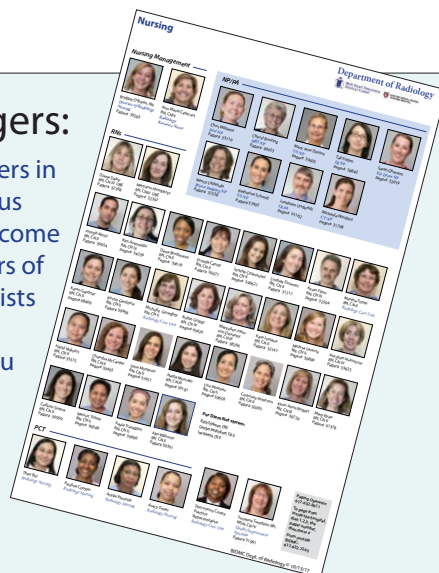
Jennifer offered a recommendation that will improve patient experience. We will be installing a blind as well as placing a "quiet" sign during these exams. Jennifer continues to look for ways to improve the patient experience!

"I was doing a defogram in FC today and I have a concern that I wanted to bring to your attention:

I've noticed that the end of the hallway near angio gets pretty noisy sometimes. There are people talking and walking in the hallway and the automatic door button (which is right on the wall of FC) is always getting pushed, sometimes rather hard. Also the mop bucket that angio wheels down the hall to clean their rooms is very loud. All of this noise carries right into FC. Because defograms are such a sensitive exam for the patient, I feel like privacy should be of the utmost importance while performing these exams. Unfortunately, with all of the noise going on outside of the room and the fact that there are no blinds on the control room windows, I feel like privacy is an issue in FC. I get uncomfortable being able to hear the noise during the exam, so I can only imagine how a partially-clothed patient feels. Is it possible to get blinds for the windows in FC, like we have in TCC? I know the noise is difficult to control, but any additional privacy would be helpful."

Calling All Managers:

With more than 600 members in our department at numerous practice locations, it has become quite helpful to have posters of faculty and staff, technologists by modality, support and administration rosters. If you are a manager, please send your updates to dwolfe@bidmc.harvard.edu so these can be accurately maintained.



Faculty	Breast Techs	1101 Beacon Community
Residents & Fellows	CT Techs	Chelsea Community
Administrations	Dx Techs	Chestnut Hill Community
Informatics	IR/INR Techs	Lexington Community
Nursing	MRI Techs	Needham Community
Support Services	Nuc Techs	
	US/VASC Techs	

Updated Radiology Staff, Trainee & Technologist Posters are available on InfoRadiology in pdf format for viewing, downloading, and printing. Log in to the portal: <https://inforad.bidmc.harvard.edu/Logon.asp>
Click on **Staff Posters**



Celebrating Administrative Professionals week April 23-27, 2018

L to R: Peter Cousins, Gloria Martinez, Walter Smith, Nilsa Aponte, Carol Norman, Andrew Morris, Sheldene Hope-Spencer, Verneak Robinson-Haynes, Maria Andrade. Front row: Angela Lugo, Deolinda Depina at the Renaissance Center.



Oluseun Spencer, Naneys Sisay, Cleonice Magan, Scott Gillespie, and Kassylyna Depina

Radiology celebrated Administrative Professionals Week to show appreciation for the hard work and dedication constantly displayed by our administrative assistants* and support staff.

Above, Peter Cousins, Manager of Support Services (Patient Service Representatives, Reception Staff, and Image Archivists) hosted breakfast and lunch to accommodate the East and West Campuses and Renaissance Center locations. Modality Directors and staff also used this opportunity to show their appreciation.

*Note that this year, Administrative Assistants and Coordinators were also honored with a celebratory lunch which they wanted to enjoy without a photographer present.



Bernie Kennedy, Juanita Cook, Gina Monteiro, Christopher Doman, and Billie Tran.



Rich Caraballo, Kelly Hart, Peter Cousins, Aideen Snell, Shineka Prince, Gina Monteiro, and Sue Nelson.



Administrative Professionals

celebrations are also a great opportunity for our new Image Archive Supervisor, **Richard (Rich) Caraballo** to introduce himself to the rest of our department:

I joined BIDMC in February of this year as the Image Archive Supervisor. I came from Boston Children’s Hospital, where I worked for the last 13 years . At BCH, I was the Supervisor to a call center/liaison program for the last 8 years. Prior to that I worked in GI as a Lead Assistant. I’m very excited to join such a great team at BIDMC and I’m looking forward to utilizing my years of leadership skills and experience. Image Archive plays a big role in patient care which is most important to me as it’s all about the patients well-being and care. I could not be more honored to work at BIDMC.

When not at work, I will most likely be fishing with my dad and 14 year old son (Richy). Fishing is my # 1 hobby as my dad started taking me since I was 3 years old and I now have passed on the family tradition to my son as well. Other hobbies I enjoy are bowling and working on cars. I also like traveling and working out at the gym whenever possible.

– Rich



L to R: Maritza Devalle, Gina Monteiro, Rich Caraballo, Shineka Prince, Maryann Michalik and Norma Estwick. Not shown: Cherki Banchraka, Jacqueline Coston, Diana Diggs, Nathaniel Key, Carol McCann, Sue Nelson and Maria Silveira.



On April 3rd, we said farewell to Dr. Mary Hochman, former Chief of Musculoskeletal Imaging and Beth Israel Resident for a total of 27 years at BIH/BIDMC

How millennials are changing the way radiology is taught in med schools

April 03, 2018 | Anicka Slachta



Millennials are changing the way medical educators are teaching radiology—and there's a lot to keep up with, Harvard Medical physician **Priscilla J. Slanetz, MD, MPH**, wrote in an Academic Radiology editorial last week.

"The field of radiology has catapulted to the forefront of patient care, with imaging now playing a critical role in not only diagnosis but also treatment of nearly every human ailment," wrote Slanetz, who's also the radiology residency program director at Beth Israel Deaconess Medical Center in Boston. "These changes in radiology practice have brought the radiologist out of the dark room and essentially to the bedside, with the radiologist serving as an engaged and valued member of interprofessional teams."



As the role of the radiologist changes, so must the way educators teach the future generation of radiologists about the speciality, Slanetz said.

Teaching and engaging millennials is far from a simple task. According to Jeff Nevid, PhD, who's the director of clinical psychology at St. John's University in New York, today's 8- to 18-year-olds spend more time using technology than any other activity except sleeping.

"Millennials have no memory of a world without the World Wide Web, cell phones or personal computers," Nevid wrote on the Association for Psychological Science's website. "They are an internet-surfing, iPoding, texting, Googling, Facebooking and IMing generation. They have come of age during a time of dramatic technological changes in our society."

Because of this, these learners have special needs, Slanetz said. Adult learning, flipped classrooms, integrated technology and blended learning environments have all become more important, as has self-directed learning and formative feedback.

"Curiosity and passion to train the next generation of radiologists has led educators to be creative, experiment with new teaching approaches and to incorporate ideas from other fields to reach millennial learners," she wrote. "The days of the traditional didactic lecture have essentially vanished, and the interactive case-based and reflective session paired with pre-session assignments has taken hold."

Taking advantage of tech is one of the biggest parts of the transition, Slanetz said. As millennial learners are statistically gaining less and less from conventional teaching conferences, teachers are recognizing their learners are more diverse than ever. Interactive case-based sessions, which are starting to pile up at medical meetings and teaching centers around the world, are becoming key to increasing preclinical exposure to imaging.

The digital landscape also allows new radiologists and residents the opportunity to build online learning portfolios, Slanetz said, and facilitates communication between professors and their students with email and other messaging apps.



Present-day students benefit more from one-on-one interactions with their teachers, she wrote. Recognizing their own personal accomplishments—and having them recognized by a teacher or mentor—can go a long way in maintaining a stressed resident's confidence levels. This is especially important now, since nearly half of all practicing radiologists are at current risk of burnout.

Slanetz said educators could also be growing. With such a diverse student population, teachers also need "to enhance their own skills in assessing the educational impact of their teaching," she wrote.

"Knowledge of topics outside clinical radiology is also critical for the success of our field," she said.

This article has been reformatted for display in Radical Views, please see the original at:

<http://www.radiologybusiness.com/topics/quality/how-millennials-are-changing-way-radiology-taught-med-schools>

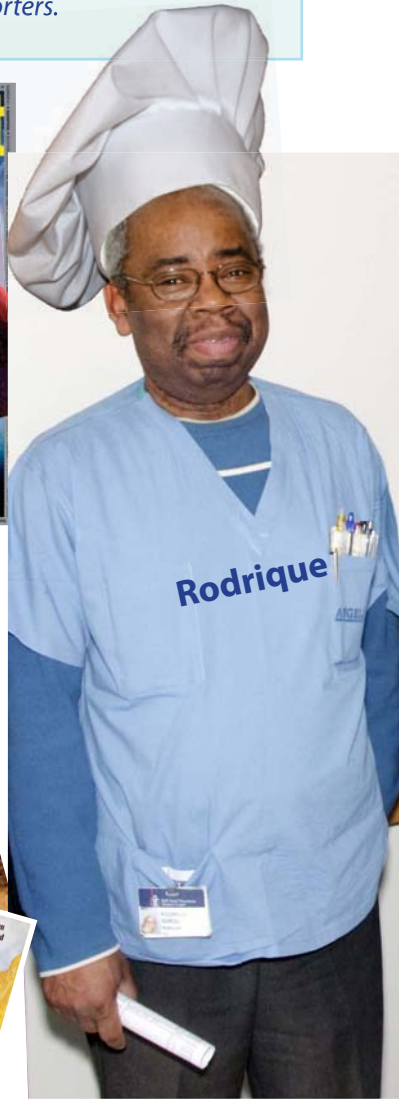
Meet Our Transporter: Rodrigue Dorcil



Fritz Honore
Supervisor, DX
Transporters

Our Radiology Transport staff keep our patients safe and moving so we can provide timely care, but do you know them?

Here is a chance to get to know a little bit more about our transporters.



1. What might people not know about you?
My first name is Rodrigue, not Dorcil! When I was hired people thought my first name was Dorcil, and I just answered to it!
2. Where are you from?
Haiti. I moved to Boston in 1982.
3. How long have you been at BIDMC?
32 years! I first worked for a business in downtown Boston in EVS and also for a hotel in Braintree. My mother worked as a housekeeper at New England Deaconess and she got me a job here. We were told we couldn't work together, but there was an opening in Radiology for a transporter so here I am!
4. Do you have family in Boston?
My mother (who is now retired) a brother, sister and 3 children. Actually my daughter lives in California – she is in the Army!
5. What do you do on your day off?
I work around the house and do errands.
6. What do you do for fun?
I like mechanics. I also like cowboy shows and movies. I like reading entertainment magazines and western books.
7. Do you like to cook?
Yes, I make Haitian chicken and pork.
8. So that's your favorite meal?
No, lasagna is my favorite! Sometimes I even make it!
9. Do you like your job and working here?
I want to make sure I do my job well. I am a (patient) lift expert. I tell my patients I will move them with no pain and will stop if they have pain. But I know how to set up the lift to move the patient straight so there's no pain for the patient. The nurses always want to ask for me!



No snow storm can stop me from making it into work. This is my second home, if I'm not at home I'm here.



2018 BIDMC Radiology Publications – A PubMed search for new BIDMC publications is made each month; however, if we miss your paper, please send the reference to dwolfe@bidmc.harvard.edu. Note that 1) Epub dates are included only in publications where the Epub and paper publication dates occur in different years, i.e., Epub in 2017 and paper publication in 2018; and 2) doi addresses are only included until citations are updated with print citations; and 3) Underlined names = relatively current trainees/alumni; **BOLD names** = Faculty/Staff

Ahmed M, Weinstein JL, Hussain J, Sarwar A, Anderson M, Dillon B. Percutaneous Ultrasound-Guided Cryoablation for Symptomatic Plantar Fibromas. *Cardiovasc Intervent Radiol.* 2018 Feb;41(2):298-304. Epub 2017 Oct 3. PMID: 28975378.

Ahmed M, Kumar G, Gourevitch S, Levchenko T, Galun E, Torchilin V, Goldberg SN. Radiofrequency ablation (RFA) induced systemic tumor growth can be reduced by suppression of resultant heat shock proteins. *Int J Hyperthermia.* 2018 Apr 9:1-25. doi: 0.1080/02656736.2018.1462535. PMID: 29631466.

Becker-Weidman D, Mhuircheartaigh JN, Morteale KJ. The skinny on skin: MRI features of cutaneous and subcutaneous lesions detected on body MRI studies. *Abdom Radiol (NY).* 2018 Mar 10. doi: 10.1007/s00261-018-1543-y. Review. PMID: 29525881.

Bezuidenhout AF, Kasper EM, Baledent O, Rojas R, Bhadelia RA. Relationship between pineal cyst size and aqueductal CSF flow measured by phase contrast MRI. *J Neurosurg Sci.* 2018 Feb 23. doi: 10.23736/50390-5616.18.04258-3. PMID: 29480683.

Buitrago DH, Pinto D, Berkowitz SJ, Laham RJ, Hecht JL, Kent MS. Fatal Hemoptysis After Closure of Gastrobronchial Fistula Using an Amplatzer Vascular Device. *Ann Thorac Surg.* 2018 Feb;105(2):e71-e73. PMID: 29362196.

Boos J, Brook OR, Fang J, Brook A, Levine D. Ovarian Cancer: Prevalence in Incidental Simple Adnexal Cysts Initially Identified in CT Examinations of the Abdomen and Pelvis. *Radiology.* 2018 Jan;286(1):196-204. Epub 2017 Sept 14. PMID: 28914598.

Boos J, Yoo RJ, Steinkeler J, Ayata G, Ahmed M, Sarwar A, Weinstein J, Faintuch S, Brook OR. Fluoroscopic percutaneous brush cytology, forceps biopsy and both in tandem for diagnosis of malignant biliary obstruction. *Eur Radiol.* 2018 Feb;28(2):522-529. Epub 2017 Aug 4. PMID: 28779396.

Dialani V, Westra C, Venkataraman S, Fein-Zachary V, Brook A, Mehta T. Indications for biopsy of imaging-detected intramammary and axillary lymph nodes in the absence of concurrent breast cancer. *Breast J.* 2018 Mar 8. doi: 10.1111/tbj.13009. PMID: 29517168.

Deitte LA, Chen PH, Scanlon MH, Heitkamp DE, Davis LP, Urban S, Marx MV, Slanetz PJ. Twenty-four-Seven In-house Faculty and Resident Education. *J Am Coll Radiol.* 2018 Jan;15(1 Pt A):90-92. PMID: 29304931.

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