

## <u>February, 2008</u>

| In this Issue:               |     |
|------------------------------|-----|
| Letter from the Chair        | 2   |
| Awards & Recognition         | 2   |
| Striving for Excellence      | 3   |
| New & Expanded<br>Procedures | 4   |
| Check It Out                 | 4   |
| Getting to Know You          | 6   |
| Need for News                | 6-7 |
| Get Involved                 | 8   |
| New Faces &<br>Appointments  | 8   |

2

2

3

4

8

8

## Vote for Your **Benefits**

In coming months, Emory University Employees will have the opportunity to influence their benefits through an e-mail survey.

One item being addressed on this survey is the portable scholarship. Currently, only 5% of the Emory College student body receive the Emory Courtesy Scholarship. The portable scholarship would broaden the access of the Emory scholarship to more faculty dependents since enrollment space is limited and the entrance requirements to Emory are very high.

It is important to fill out the survey whether or not you support this initiative. A high percentage of respondents will demonstrate to the University leaders how much the faculty and staff value the potential of new benefits.

## An Expansion of Pediatric Care

The demand for Emory Radiology continues to fuel the growth of facilities, this time at Children's Healthcare of Atlanta (CHOA), Egleston.

The Egleston Campus at Emory University is the largest pediatric multi-specialty group practice in Georgia and provides general and sub-specialty pediatric care. With specialized machinery to accommodate smaller body parts, this expansion will increase the services that we offer in pediatric imaging at Emory.

The Egleston renovation will utilize the former laboratory space adjacent to the current department and also the conference room area on the ground floor. This expansion of pediatric imaging will include a new waiting room, sedation area, ultrasound



Guests of Pediatric Imaging will soon enjoy a new waiting room.

suites, two nuclear medicine rooms, a Dual-Energy X-Ray Absorptiometry (DEXA) room and house the only pediatricdedicated PET/CT scanner in Georgia.

**EMORY HEALTHCARE** 

According to research published in the December issue of the Journal of Nuclear Medicine, PET/CT has exhibited significantly higher sensitivity, specificity and accuracy than conventional imaging for detecting malignant tumors in children. This advancement may help radiologists to identify small tumors in children and guide selection of the most effective course of treatment at an earlier disease stage.



The assembly of a new Nuclear Medicine Suite will allow for more children to receive specialized care.

All of the new equipment will include protocols designed to address the specific needs of children, including precise configuration to accurately diagnose, clinical questions, minimize radiation exposure and reduce the need for sedation.

This new state-of-the-art equipment includes:

- Siemens Dual-head SPECT
- Siemens Seguoia Ultrasound
- Siemens PET/CT (40 slice CT)
- GE Fluoroscopy Room
- GE X-Ray Room
- Swissray Digital Radiology (DR) room

When asked,"Which addition will most benefit Egleston?" Dr. Stephen Simoneaux, Director of the Division of Pediatric

Radiology replied, "There is no one piece of equipment that can be identified as the most important. But the addition of



The only pediatric-dedicated PET/CT PET/CT will in Georgia is being installed during the bring new expansion of the pediatric radiology division. technology to Children's that will help in

the diagnosis and treatment of children with cancer.'

The expansion of Pediatric Radiology will be completed later this year, advancing the possibilities to help more children.

> - Monica Salama Communications Specialist



# Letter from the Chair

Dear Colleagues,

We are off to a busy start to the new year.

The front page of Rad Report highlights some of the physical changes taking place in the department, with new imaging equipment and improvements at the Egleston Children's Hospital. We are also growing -- and growing strong -- people-wise, with focused recruitment activity taking place in almost all of our subspecialty areas. A particularly successful example of where the addition of key individuals has impacted our clinical care teams is in the increase in nurse practitioners and physicians assistants in the department. The Emory experience serves as an

example to other radiology departments through the recent publication by Michael Bowen, Bill Small, and Bill Torres that appeared in the prestigious journal Radiology.

We continue to have many wonderful visitors to the department through our visiting professor programming. In January, Dr. Theresa C. McCloud. well-known thoracic radiologist and President the Radiological Society of North America, was among our distinguished visiting professors. Dr. William Herrington, President of the Georgia Radiological Society, joined me for a lunchtime session with

our residents to impart job negotiation tips. This month's Radiology Grand Rounds will feature talks by international experts in molecular imaging research, pediatric radiology, emergency radiology, and cardiac imaging.

All of our ACGME-approved residency and fellowship programs are currently undergoing a rigorous on-site review. The preparation for this review process has been intensive and thorough. I would like to recognize Bruce Baumgartner's leadership in steering us through this important milestone, as well as note the support and participation of our program directors, faculty, and trainees. I believe our department's strong commitment to teaching will be evident in



the outcome.

Last week brought the news that the board that oversees Grady Memorial Hospital will be reformed as a non-profit entity. This restructuring will occur over the next 60 days. Although there is still a long road ahead, the outlook for Grady's future is indeed increasingly brightening.

Best to all,

Carolyn C. Meltzer, MD, FACR Chair of Radiology

# AWARDS & RECOGNITION

## Carolyn C. Meltzer, MD

Chair of Radiology

# Vice-President of the American Society of Neuroradiology (ASNR)

Dr. Carolyn Meltzer has been elected to serve as the Vice-President in 2009 and, subsequently, President in 2010 of the ASNR. This non-profit organization is a professional society dedicated to promote education, support multidisciplinary research, and influence health policy in the subspecialty of neuroradiology.

In the role of Vice-President, Dr. Meltzer will over see organization of the annual scientific meeting. Dr. Meltzer follows the footsteps of Dr. Patricia Hudgins, who served as 43rd ASNR President in 2005.

## Angela Williams, RN

Radiology Research Coordinator

#### Certificate of Outstanding Contribution

At the national fall meeting of the ACRIN (American College of Radiology Imaging Network), Angie Williams was awarded a Certificate of Outstanding Contribution for her work with the National Lung Screening Trial Protocol Team.

#### Madge Bellamy, MSN

Clinical Research Nurse

#### Masters Degree in Nursing

Madge Bellamy, a member of the Clinical Research team in the Department of Radiology, has recently completed the Masters of Science program in Nursing Education at Walden University. Her courses focused on developing leaders and educators to fill critical roles in nursing. Madge is currently a Clinical Research Nurse and plans to utilize her degree to continue professional growth with Emory.

### Amanda Brown, RT

Technologist at The Emory Clinic

#### Bone Density Registration

Amanda Brown has earned her Bone Density Registration after achieving an impressive score of 98%. During this exam given by the American Registry of Radiologic Technologists (ARRT), Amanda illustrated her knowledge on topics that include Treatments for Patients Experiencing Bone Loss, Equipment Specifications, Anatomy, and Osteoporosis and Bone Disease. Congratulations on this exceptional accomplishment!

# STRIVING FOR EXCELLENCE

# A Time of Change

The Japanese have a term called "kaizen," which means continual

improvement. In radiology, we utilize "kaizen" to strive for excellence through superior patient service. Have you noticed all the changes we have recently undergone? As an organization, we are reshaping ourselves to focus on surpassing the needs of our patients. New facilities have been

added such as Johns Creek and

Northlake Hospitals, as well as the

services in MRI and PET/CT. Major

It is important that during this time

Naturalist, philosopher and author,

Henry David Thoreau accentuated the

drive of change when he said "Things

do not change; we change." We each

department as it grows and continue

encourages change, communication, innovation and rewards performance.

The Gallup Survey is one component

to help us transform the workplace;

contribute to the success of our

to cultivate an environment that

of change, each of us remain flexible,

improve the face of Radiology at EUH.

transformation and expansion of

renovations have begun and will

open minded and adaptive.



Through steady improvement, or kaizen, everyone contributes a piece to the advancement of the radiology department.

matching employee strengths with the needs of the company, focusing on employee talents

and career goals, and utilizing the diverse talent of everyone to ensure success. Another component, is the technological advancement of the radiology information support system Radnet, which will be replacing IDXrad

in the coming months. This will be followed by the plans to replace our current PACs system. Many members of radiology have already participated in improvement activities and others will be asked to become a team member on a Unit Practice Council as we move forward. The offices of quality within the hospitals and clinics are leading the way with innovative initiatives that define every decision and punctuate every interaction along our journey.

Radiology is a solutions-oriented department with the energy and commitment to elevate excellence and deliver on our promises. This underscores our drive to constantly improve, to continually be the best in everything we do and to never settle for less. Innovation and ingenuity will be enhanced as a result of our superior assets, experienced people and our direct access to advanced science and technology. The radiology mission and goals convey our commitment to excellence and will guide us through the changes as we continue to grow. Our vision requires the effort of each person to make certain that Emory Radiology will be viewed by patients, trainees and scientists as a destination department for its internationally recognized leadership in Imaging sciences and clinical applications.

Our customers, patients and referring physicians not only expect excellent service, they are also demanding more. It is a never-ending quest to do better and we do better by changing. To be truly excellent tomorrow, we have to creatively expand our offerings to surpass today's achievements. Through trust and respect, we are continually striving to create a positive work



environment that will help us to become the partner of choice for our patients and customers.

- Jane Goldberg Assistant Director of Imaging Services Emory University Hospital

# HIPAA Question of the Month

May a doctor or hospital disclose protected health information to a person or entity that can assist in notifying a patient's family member of the patient's location and health condition?

Yes. The HIPAA Privacy Rule permits a covered doctor or hospital to disclose protected health information to a person or entity that will assist in notifying a patient's family member of the patient's location, general condition, or death. See 45 CFR 164.510(b)(1)(ii). The patient's written authorization is not required to make disclosures to notify, identify, or locate the patient's family members, his or her personal representatives, or other persons responsible for the patient's care. Rather, where the patient is present, or is otherwise available prior to the disclosure, and has capacity to make health care decisions, the covered entity may disclose protected health information for notification purposes if the patient agrees or, when given the opportunity, does not object. The covered entity may also make the disclosure if it can reasonably infer from the circumstances, based on professional judgment, that the patient does not object.

Even when the patient is not present or it is impracticable because of emergency or incapacity to ask the patient about notifying someone, a covered entity can still disclose a patient's location, general condition, or death for notification purposes when, in exercising professional judgment, it determines that doing so would be in the best interest of the patient.

To read more go to: http://www.hhs.gov/hipaafaq/notice/491.html



# New & Expanded Procedures

# Modified Application Submission, Referral and Review for Appointed NIH Study Section Members

## EFFECTIVE - February 5, 2008

Faculty who serve as regular members of NIH study sections will be able to submit their own grant proposals without having to adhere to the usual application deadlines. This continuous submission process will enable chartered members of study sections to submit their grant applications as soon as they are fully developed, and these will be reviewed no later than 120 days after receipt.

# CHECK IT OUT

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Johnson K, Sharma P, Oshinski JN. Coronary artery flow measurement using navigator echo gated phase contrast magnetic resonance velocity mapping at 3.0T. J Biomech. 2007 Nov 21 http://www.jbiomech.com/article/ PIIS002192900700437X/abstract

Sun B, Giddens DP, Long R Jr, Taylor WR, Weiss D, Joseph G, Vega D, Oshinski JN. Automatic plaque characterization employing quantitative and multicontrast MRI. *Magn Reson Med.* 2008 Jan;59(1):174-80. http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed&uid=17969075&cmd=showdetailview&indexed=google



# NEED FOR NEWS

# Would you like to contribute to the Rad Report?

The Rad Report is a vehicle to communicate across our divisions and help everyone to have a better understanding of how each of us contributes to the department as a whole. Through the continuous content submissions of the radiology leadership, the commitment of the editors, and the dedication of the readers, this newsletter is a success.

Thank you to the leadership, who through monthly content submissions, have utilized this tool to disseminate pertinent information and recognize the accomplishments within our department.

Thank you to the editing team for helping to fill the spaces and reviewing the content before going to print. Editors: Dr. Carolyn Meltzer, Dr. William Torres, Habib Tannir, Nommo Combs, Nancy Costello, and photographs by Eric Jablonowski.

Thank you to the readers, who make the effort worth while. Without your readership the newsletter would fail to serve its purpose.

**EMORY HEALTHCARE** 

If you have an idea for a story or would like to acknowledge a professional accomplishment, you can become involved with the Rad Report by sending an e-mail to Monica.Salama@

emoryhealthcare. org. When submitting content for consideration, please copy your supervisor, manager or director.



<sup>-</sup> Monica Salama Communications Specialist

# **NEED FOR NEWS**

This issue marks one year of the Rad Report, although it was not named until the second issue. Over the last year many different types of stories have been covered, at various locations, in every division. Test your Rad Report knowledge by completing the crossword puzzle featuring items that have appeared over the last year.



#### ACROSS

- I The location that received a 3T after it was lifted to the 4th floor by crane
- 3 The organization that designated the Breast Imaging Center a Center of Excellence
- 5 This year we welcomed the new Chair of Radiology
- 6 An attendant on this airline delivered fresh, hot beignets to a passenger
- 8 Dr. John Votaw will lead the Emory research of this prototype
- 9 In March of 2007 RSNA News recognized this resident for their study of the effects of after-hours attending-level coverage on the training of radiology residents
- 15 Marathon runners were encouraged to participate in comprehensive cardiovascular screening as a measure for early detection
- 16 Name (first and last) the doctor that was awarded the honor of Distinguished Scientist 2007 from the AFIP
- 17 Procedure used to fragment blot clots, while dripping clot busting medications
- 19 Voted Site of the Semester by the Medical Imaging Students
- 21 This type of digital mammography attracted national attention after a RSNA press conference with Drs. Carl D'Orsi and David Getty
- 22 Mark Goodman, PhD received the distinguished honor of Endowed Chair in
- 23 This program presents the opportunity for RTs to acquire a bachelors degree
- 24 Adina Alazraki, MD received this award for the Best Clinical Science Paper
- First assistant professor to receive the Emory University Faculty Distinction Award

- 26 DII2 EUH is the new location of the
- 27 New protocols have been implemented within this modality to improve patient comfort and turnaround time
- 28 First radiology resident at Grady Memorial Hospital

#### DOWN

- 2 This division utilizes the first Definition Dual Source CT scanner in Georgia
- 4 Emory Radiology participated as a Technical Exhibit for the first time at
- 7 The founder of modern nursing
- 10 Drs. Diego Martin and Miriam Vos are the Principal Investigators of the research funded by the
- II The article: Two Studies: Speeding Development of Novel Tracer for Prostate Cancer was feature on the cover of The Journal of
- 12 Technology used to experience Noon Conference simultaneously at multiple locations
- 13 The compound from the Intestine Breaking Plant that is currently being researched to cure rheumatoid arthritis and cancer
- 14 The kick-off of this annual event was celebrated with a cookout by the billing department
- 18 Radiology researcher chosen as one of four of Emory's Top Innovators and Inventors (first and last)
- 20 Drs. Carl D'Orsi, Stephen Simoneaux, Jacques Dion and Curtis Lewis have been recognized within their subspecialties as one among Atlanta's

(Answers available at radiology.emory.edu)

# **GETTING TO KNOW YOU**

As the Radiology Department grows within the Emory Healthcare system, knowing who your team members are and what they do becomes increasingly important. Each month there will be a feature to highlight a person or group within the department to strengthen understanding of how we work together and help us to learn more about each other.

# Nurse Practitioners

Nurse Practitioners (NP) are the link that makes the transition of information between patient and doctor run smoothly throughout the Emory Healthcare system. This level of involvement, with the physicians, patients and their families, is one step that Emory has taken to achieve excellence in service.

There are nine NPs and one Physician's Assistant (PA) who work with patients and their families, as well as the physician, throughout the patient's care within the radiology department of Emory. In this role they will often conduct pre-procedure workups and coordinating care during admission, and after discharge within radiology.



Sonya Alyea, MS Nurse Practitioner IVR Emory Crawford Long Hospital (ECLH)



Michael Bowen Nurse Practitioner

Abdominal Division Emory University Hospital (EUH)



Susanne Bressler Physician's Assistant IVR Emory University Hospital (EUH)



Erica Campbell, MSN

Nurse Practitioner Abdominal Division Grady Memorial Hospital

Many of the NPs prepare patients and assist radiologists with procedures, while working closely with family members and keeping them informed throughout the process.

The role of an NP began in 1965, when the University of Colorado began the first program. The American Academy of Nurse Practitioners (AANP) reports that as of 2007, there are about 120,000 practicing NPs in the US. NPs have graduate, advanced education and clinical training beyond their registered nurse preparation. Most have master's degrees and many have doctorates.

Although the role of an NP began in 1965, the utilization of this position in radiology is more recent. The benefits of this position are highlighted in the October 2007 issue of Radiology by the article Nonphysician Providers in Radiology:The Emory University Experience written by Emory NP Michael Bowen and



## Jennifer Campbell

Nurse Practitioner Neuroradiology Emory University Hospital (EUH)

## Patrick Gallager

Nurse Practitioner IVR Emory University Hospital (EUH)

Susana Libhaber



Nurse Practitioner Neuroradiology Emory University Hospital (EUH)

EMORY HEALTHCARE

Drs. William Torres and William Small. This article points out,

"The stability of nonphysician provider staffing allows clinicians from referring services to have a ready and reliable conduit for communication to schedule examinations, troubleshoot problems, and be a consistent point of facilitation of radiology services. This single point of contact has enabled the referring services to better understand how tasks are prioritized and accomplished."

NPs continue to improve our service with communication from patient to physician in times that the patient may not be able to answer for themselves. Our NPs are placed strategically at the various campuses. At each location this role continues to be a link that contributes to the strength of the department as a whole.

To read the Emory article in Radiology vist: http://radiology.rsnajnls.org/cgi/sectionsearch?tocsectio nid=Perspectives&displaysectionid=Perspectives&journ alcode=radiology&hits=20

> - Monica Salama Communications Specialist



#### Mary Lee Nichols

Nurse Practitioner IVR Emory University Hospital (EUH)

#### Zena Osakwe Nurse Practitioner Cardiothoracic Imaging The Emory Clinic

(TEC)



**Deborah Gail Walls, MSN** Nurse Practitioner IVR Emory University Hospital (EUH)

# **GET INVOLVED**

# EHC Employee Emergency Hardship Program

The EHC leadership has implemented the EHC **Employee Emergency** Hardship Program in response you donate will make a to the staff request to assist co-workers in need.

The EHC Employee Emergency Hardship Program has been created to assist employees experiencing a medical-related hardship or a catastrophic event. This is an employee-funded program, so your participation is needed to make the program work.

Employees can contribute or receive:

\* Monetary assistance

\* Comprehensive leave hours

To get the program started, your donations are needed. Each dollar, or hour, difference in the lives of your colleagues.

Monetary and leave donations are welcome from employees all year. EHC will match the first \$5,000 in the monetary bank dollar-fordollar.

For more information and to access forms and eligibility requirements, click the following link: http://www.eushc. org/departments/ humanresources/EHC Employee Emergen.html

# Radiology Grand Rounds

## February 2008

Wednesdays 7:30 - 8:15 a.m. **Emory University Hospital Auditorium** 

- Martin Pomper, MD, PhD Johns Hopkins University 2/6/08 Translational Molecular Imaging for Oncology
- 2/13/08 Diego Jaramillo, MD, MPH Children's Hospital of Philadelphia Use of MRI in the Diagnosis of Musculoskeletal Disorders
- 2/20/08 Phil Costello, MD Medical University of South Carolina CT of Acute Aortic Syndromes
- 2/27/08 Sandra Bates, MD **Emory University** Breast MRI: Exciting More than Just Protons

Arrive at 7 am for a Complimentary Breakfast

EMORY UNIVERSITY

# Laser Treatment for Varicose Veins

March 6

6:30 - 8:30 p.m.

**Emory Crawford Long Hospital** - Glenn Building Auditorium -

Join us for a free informational seminar presented by Dr. Abbas Chamsuddin, Emory Interventional Radiologist, on the non-surgical laser treatment of varicose veins. Endovascular Laser Venous System (ELVS) takes only 45 minutes and is a minimally invasive outpatient procedure that allows the patient to return to normal activity immediately.

If you are interested in attending the presentation or would like more information, please call HealthConnections at 404.778.2000.

## **Radiology Research** Conferences

#### February 2008

Thursdays, I:30 p.m. Emory University Hospital Annex Ist Floor - Room N120

#### February 7 - Robert Long, PhD & John Oshinski, PhD

~ Emory University Flow Measurements in the Mouse Aorta by MRI

#### February 14 - Jonathon Nye, PhD

~ Emory University Compartment Modeling of IIC-HOMADAM Binding to the Serotonin Transporter (SERT) in Healthy Human Brain

## **SPECIAL EVENT**

February 21 - Orman A. Simpson, Jr., MSEE/MS & Ernest V. Garcia, PhD ~ Emory University ~ Successfully Negotiating and Executing a Research Contract

February 28 - Fanxing Zeng, PhD ~ Emory University ~ Development of NET Imaging Agents

Visit www.radiology.emory.edu/events-and-lectures for up-to-date event information.

# **New Faces & Appointments**



#### Shelly Shiran, MD Instructor of Radiology

Dr. Shelly Shiran has joined the department of radiology as a faculty member and will be contributing to the divisions of Pediatric Imaging and Neuroradiology.

Prior to her faculty appointment, Dr. Shiran participated in Emory fellowships specializing in Pediatric Radiology, Abdominal Imaging and

Neuroradiology. She has also helped to educate others through Introduction to Radiology lectures at Tel-Aviv University and Neuroradiology conferences for fellows and residents, here at Emory. Dr. Shiran is involved in professional organizations including the Israel Medical Association, RSNA and Society of Pediatric Radiology. She received her medical degree from Tel-Aviv University, Sackler School of Medicine (Israel).



#### Mario Balanag, RT (R)(MR) MRI Technologist

Mario Balanag recently left Miami, Florida to join the MRI team at Emory University Hospital. He brings 10 years of experience as a radiologic and MRI technologist to the team. Mario is also a Certified Microsoft Professional and will be finishing his bachelors degree in Medical Imaging at Emory. He is an active member of ASRT and ARRT.



#### **Bruce Inglis, RT** Radiologic Technologist

Bruce Inglis has joined the radiology evening general diagnostics team at the Emory University Hospital. He is a recent graduate of the Institute of Allied Medical Professionals and is also using his skills at Resurgens Orthopedics. Bruce is belongs to the American Society of Radiologic Technologists (ASRT).



**Kerry Roberts** Ultrasound Technologist

After completing his degree at the Institute of Allied Medical Professionals, Kerry Roberts has begun to contribute as a member of the Ultrasound team at Emory University Hospital. Previously he gained experience at Vascular Access of Georgia.



#### **Alfonso Weathers** Transport Attendant

After a long career of landscaping and agricultural work, Alfonso Weathers has joined the radiology team. He enjoys the conversations he has with the patients while navigating through the corridors of Emory University Hospital.



#### **Danielle Terrelle** Program Associate, Sr.

Danielle has taken on responsibilities that facilitate the needs of the Executive Suite and the Residency Program. When working with Sidna Pinto in the Executive Suite, Danielle will assist in answering phones, maintaining filing and providing rotation coverage, among other duties. Danielle will assist Tammi Teeters-McDade with a variety of responsibilities including supporting the radiology

conferences, working with residents to collect completed forms, and continuous updates of files.

Over the last year, Danielle has been assisting the Radiology Department prepare for the ACGME site review. Before coming to Emory, Danielle performed duties as a data entry operator at a bank. Currently she is enrolled at DeKalb Technical College in pursuit of her Associate's degree.



#### Moses Banqura, RT (R)(CT) **MRI** Technologist

Moses Bangura has joined the MR team at The Emory Clinic after providing MRI services for hospitals throughout the country as a traveling technologist. He completed his degree and additional certificates at the Washington Hospital Center. Moses is currently a member of ASRT and American Registry of Radiologic Technologists (ARRT).



#### Kristen Lewis Ultrasound Technologist

Kristen Lewis is a new member of the team at the Breast Imaging Center in the Winship Cancer Center. She joins the team with two years of healthcare experience. In the fall of 2007, Kristen received her degree from the Institute of Allied Medical Professionals with an ultrasound certificate.



## Deborah Gail Walls, MSN

Nurse Practitioner Interventional Radiology

Over the last six years, Deborah Gail Walls contributed to the success of Emory through her role in Neurology Movement Disorders with Huntington's, Parkinson's and Tourette's, and also as a Deep Brain Stimulator programmer. She is now a member of the Radiology team at EUH and continues to be active in various organizations including UAPRN.



#### Patricia Williams, MPA Sr. Research Project Ćoordinator

Patricia Williams is a newcomer to the state of Georgia and Emory University. She obtained her Bachelors in Business Administration and Masters of Public Administration from the University of Miami School of Business. She will be working with Dr. Mark Goodman, Endowed Chair in Imaging Science and Director of the Positron Emission Tomography (PET) Core.

**OOK** for a new issue of the Rad Report the first full week of March.