Who’s your MUMMY?

Mallinckrodt Institute radiologists participated in a secret scanning of three mummies from the Saint Louis Art Museum (SLAM) this past October. The purpose of the scanning was to acquire the most up-to-date information about the mummies using the latest imaging technology. The resulting information, which will include a medical report for each mummy and associated CT images, will be incorporated into a reinstallation of the entire Egyptian collection planned for the city’s art museum in 2016.

The scanning occurred on a chilly and damp Sunday morning in mid-October. Professional art handlers were involved in the transfer that also included an unmarked truck and security.

All of the mummies pre-date Christ. Two mummies – Henut-Wedjebu and Pet-Menekh, a female and male – are owned by Washington University’s Mildred Lane Kemper Art Museum, but are on long-term loan to the city’s art museum. The third mummy, a male – Amen-Nestawy-Nakht – is owned by SLAM.

All had been previously imaged though it was years ago and technology has vastly improved.

Although the medical reports have yet to be finalized, below are some of the radiologists’ findings so far:

• The cartonnage of Amen-Nestawy-Nakht was apparently pillaged by grave robbers who did not detect a scarab amulet.

• Henut-Wedjebu has an elaborate headdress that appears to be a wig embedded with adornments.

• Pet-Menekh had numerous dental cavities and periodontal abscesses indicating that he likely suffered greatly from dental disease during his life.
Although Ebola has grabbed national headlines in recent weeks, efforts at Washington University to safely coordinate a response to the virus have been underway for several months. Steve Lawrence, MD, a Washington University infectious diseases specialist at Barnes-Jewish hospital, who is involved in the medical school’s preparedness efforts, recently addressed MIR clinical faculty, fellows, residents and technical staff at a special meeting held in Scarpellino Auditorium. Lawrence detailed the best approach to identifying possible patients with or at risk of Ebola at the medical center’s portals of patient entry. He also supplied screening tools used to identify “at risk” patients.

“There’s a lot of anxiety among the public right now,” Lawrence said. “While it’s likely we will continue to see isolated cases in the United States, we have an extensive public health infrastructure and the ability to diagnose and treat patients with Ebola to limit its spread within our borders.”

Despite the public’s concern about Ebola, the virus is not easily transmitted, and infected patients are not contagious until they have symptoms. People who have been exposed to Ebola but do not have symptoms cannot spread the virus.

For more information, or to view a video recording of this special meeting, click here.
RSNA 2014

marked the 100th RSNA Scientific Assembly and Annual Meeting in Chicago. “A Century of Transforming Medicine” offered the perfect opportunity to look back while also focusing on the future of radiology’s continued integral role in health care.

This year MIR contributed more than 61 educational exhibits, scientific posters, refresher courses and scientific sessions. The annual MIR reception was held in the Hyatt Regency Crystal Ballroom, which alumni, faculty, residents, fellows, and staff attended. Dr. Jost introduced Dr. Wahl as the new Elizabeth Mallinckrodt professor and chair of MIR, followed by a champagne toast in Jost’s honor to celebrate his many years as director. Wahl also announced the newly formed MIR alumni association, in which everyone who is or has been faculty, resident or fellow are now members.
A hologram of Wilhelm Röntgen ‘talks’ to visitors in the Learning Center, Hall D museum at RSNA.

Multisession moderator, Jim Duncan, MD, PhD.

Multisession presenter, Richard Wahl, MD.

Ed Ragsdale, MD, and his wife, Meredith.

Richard Wahl, MD, and Bruce McClennan, MD.

Multisession course moderators and presenters, Cylen Javidan-Nejad, MD, Pam Woodard, MD, and Andy Bierhals, MD.

Gil Jost, MD, and Sally Schwarz, MS, BCNP.

Present and past directors of MIR, Richard Wahl, MD, R. Gilbert Jost, MD, Ronald Evens, MD.

(standing) 3rd yr. residents, John Karageorgiou, MD, and Hilary Brazeal, MD, (seated L to R) 2nd yr. resident Bryan Belikoff, MD, and Megan Olson, Julie Mikus and 2nd yr. resident Adam Sipe, MD, and 3rd yr. resident John Symanski, MD.
Jost introduced Wahl to MIR alumni and faculty at the MIR reception at the 100th RSNA meeting in Chicago Nov. 30-Dec. 5, 2014.

Richard Wahl, MD, and Sandy, Jay Heiken, MD, Denise and Dave DiSantis, MD, Furaz Kahn, MD, and Dave Hovsepian, MD.

To see more photos from RSNA, click here.

Wavelength is published bimonthly by the Visual Media Center for employees of Mallinckrodt Institute. Contributions are encouraged: e-mail Mickey Wynn; wynnm@mir.wustl.edu; or call 747-0622.

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**What’s Coming Up**

**The Louisiana Purchase: Making St. Louis, Remaking America**

*Missouri History Museum*
This exhibit is free of charge and continues until April 25, 2015. Visit the website for more information:
www.mohistory.org/node/9777

**BallPark Village**

**New Year’s Eve Bash**

*“Glitter and Glow – A night in Hollywood”*

DJ’s and bands will fill Ballpark Village.
Tickets available, see website for more information:
www.stlballparkvillage.com/nyelivestlouis

**New Year’s Eve at First Night in Grand Center**

In celebration of the 250th Birthday of the City of St. Louis, organizers are prepping for a First Night to remember! To honor and celebrate our heritage, First Night in Grand Center 2015 will be held December 31, 2014, and will showcase St. Louis artists and performers.

*“St. Lou-minous!”*

Admission — $12 adults  Children $6 (6-12 yrs)
Visit the website for more information:
www.grandcenter.org/first-night-admission/

**Talks & Lectures**

**GRAND ROUNDS LECTURES**

**FEBRUARY 11, 2015**

*Hyman R. Senturia Lecture*
Presented by *Aravind Arepally, MD*  
Piedmont Atlanta Hospital  
Hosted by Interventional Radiology

**FEBRUARY 18, 2015**

*“Update of Adjuncts to Musculoskeletal Ultrasound”*  
Presented by *Kenneth S. Lee, MD*  
Associate Professor of Radiology  
Medical Director, Transition Imaging  
University of Wisconsin School of Medicine & Public Health  
Hosted by Musculoskeletal Radiology

**MARCH 11, 2015**

*Daniel R. Biello Lecture*
*“Clinical Indications of SPECT/CT”*  
Presented by *Dominique Delbeke*  
Professor and Director of Nuclear Medicine & PET  
Vanderbilt University Medical Center  
Editor-in-Chief, *Journal of Nuclear Medicine*

**Grand Rounds Lecture for Viewing**

*“MRI of the Pediatric Knee: Findings Unique to Growth”*  
Presented by *Tal Laor, MD*

**Introductions**

**PLEASE WELCOME THESE NEW MIR EMPLOYEES:**

**September**

*Grant Baxter*  
Research Tech I – Optical Radiology Lab

**October**

*Rashelle Popinski*  
Division Administrator – Radiation Sciences