and Dr. Alex Korutz, Vice Chair for Imaging Informatics. Results of these studies may facilitate the use of MRI to predict optimal ECT "dose" to consistently shown great resilience, adaptability and spirit. These are qualities that should number of proposals awarded in this past fiscal year – which are record numbers. I particularly want to congratulate the faculty, students and trainees who have helped us achieve record numbers of research grant proposals submitted and funds received in fiscal year 2020. Proposals were up by nearly 10% with a 50% increase in the amount of funds requested. Overall, the Department of Radiology saw a 16% increase in funds and

Clinical services have relied on radiology to keep both the COVID and non-COVID units of arranging telemedicine clinics for patient follow-up. The Interventional Radiology team reacted quickly to maintain a safe work environment ed day and night. In

Dr. Daniele Procissi was asked to perform CT scans in an ongoing study conducted by archaeologist and NU Anthropology PhD student Dil. Basic and Translational Radiology

Micro-CT is something new to archeology and it is aiding histological work. Histology techniques to more basic science areas of research that go beyond strictly preclinical and methods such as MRI, PET and CT for more than 15 years," Dr. Procissi said. "However, an invasive manner," Procissi commented. "The work we are conducting will rely on the use of the common factor was the need to obtain images and data in a non-destructive/non-invasive manner," Procissi commented. "The work we are conducting will rely on the use of invasive devices such as MRI-Guided High-Definition tDCS for Major Depression.

Daniel Kim, PhD and Daniel Lee, MD -- NIH/ NHLBI R01

"Hemodynamic Pathways in Aortopathy Pathogenesis" Mohammed Elbaz, PhD

"Creating a Timeline of Immune Response to DEB-TACE to Optimize Drug Delivery in Hepatocellular Carcinoma" Rishi Agrawal, MD, PhD; Ceylan Cankurtaran, MD; Mohammed Elbaz, PhD; Laleh Golestani Rad, PhD; Abby Hagler, Associate Research Administrator; Yasmeen MS; Mary Rossi, Breast Imaging Fellowship Coordinator.

Dr. Markl noted two factors that make this project promising. "This NIH R01 award is appearances. The Neuroradiology Section is completing a review article on brain tumor as well as to do radiogenomic analysis. Neuroradiology Fellows Patti Curl and Nick Szrama and Virginia Hill will hand label, and Nick will use a generative

erent models and over 5 cross-validations, the model can achieve an overall accuracy of 0.83, layer. Two fully connected layers were used to extract input features and do the

Residency Update