

Dr. Gilat-Schmidt Receives NIH U01 Grant Award

Dr. Taly Gilat-Schmidt, Associate Professor of Biomedical Engineering, has been awarded a four-year, \$2,482,601 U01 grant award from the National Institutes of Health entitled, "Software tool for routine, rapid, patient-specific CT organ dose estimation." This project will develop and validate a software tool to estimate the radiation dose delivered to a patient's specific anatomy when a patient undergoes a computed tomography (CT) examination. Once developed, the tool can be used for radiation dose tracking, protocol optimization for dose reduction, and large-scale epidemiological studies for estimating cancer risk due to CT exams.