Bio

ACADEMIC APPOINTMENTS
• Clinical Assistant Professor, Radiation Oncology - Radiation Physics

Publications

PUBLICATIONS
• Real Time Volumetric MRI for 3D Motion Tracking via Geometry-Informed Deep Learning. *Medical physics*
  Liu, L., Shen, L., Johansson, A., Balter, J. M., Cao, Y., Chang, D., Xing, L.
  2022

• Volumetric prediction of breathing and slow drifting motion in the abdomen using radial MRI and multi-temporal resolution modeling. *Physics in medicine and biology*
  Liu, L., Johansson, A., Cao, Y., Lawrence, T. S., Balter, J. M.
  2021; 66 (17)

• Modeling intra-fractional abdominal configuration changes using breathing motion-corrected radial MRI *PHYSICS IN MEDICINE AND BIOLOGY*
  Liu, L., Johansson, A., Cao, Y., Kashani, R., Lawrence, T. S., Balter, J. M.
  2021; 66 (8)