Stanford



Lei Wang

Clinical Professor, Radiation Oncology - Radiation Physics

Curriculum Vitae available Online

Bio

BIO

Lei Wang, PHD, DABR, is a clinical professor in the Department of Radiation Oncology at Stanford, motivated in advancing patient quality of care, improving education for residents and trainees, and conducting clinical research to improve the quality and accuracy in treatment delivery. She is an expert in CyberKnife SRS/SBRT with more than 15 years of experiences. She currently serves as the chair of the AAPM task group 135.B committee on quality assurance for robotic radiosurgery.

Research interest: small field dosimety, machine and patient quality assurance, treatment planning, etc; new QA tool and methodology development; new treatment technology implementation to keeping high standard in patient care.

ACADEMIC APPOINTMENTS

- Clinical Professor, Radiation Oncology - Radiation Physics

ADMINISTRATIVE APPOINTMENTS

- Chief Physicist of CyberKnife Program, Radiation Oncology Stanford University, (2012- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Chair of TG 135.B on CyberKnife Quality Assurance, AAPM (2019 - present)
- Member of MPPG 9b, an update on SRS/SBRT quality assurance, AAPM (2024 - present)
- Committee member, Applied Radiation Oncology (2020 - present)
- Member of AAPM work group of external beam QA (WGEBQA), AAPM (2019 - present)

PROFESSIONAL EDUCATION

- BS, Tsinghua University , Applied Physics (1991)
- MS, State University of New York at Albany , Computer Science (1996)
- PhD, State University of New York at Albany , Physics (1997)

Teaching

COURSES

2026-27

- Experiential Learning in Medical Physics: BMP 257, RADO 257 (Spr)