



Joseph C. Liao

ASSOCIATE PROFESSOR OF UROLOGY

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Bio



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Joseph Liao is currently Associate Professor of Urology at Stanford University and Chief of Urology at the Veterans Affairs Palo Alto Health Care System. He earned his A.B. in Biology from Harvard College in 1993 and M.D. from Stanford University School of Medicine in 1997. After completing his urology residency and fellowship in endourology/minimally invasive surgery at UCLA, he joined the Department of Urology at Stanford in 2006, where he is also a member of Bio-X interdisciplinary research program, Stanford Cancer Institute, and Institute for Immunity, Transplantation, and Infection. Dr. Liao is a surgeon-scientist who maintains an active clinical practice focusing on minimally invasive surgery and urologic oncology. His laboratory focuses on development and translation of optical molecular imaging for urological cancer and urine-based molecular diagnostics. Dr. Liao has pioneered the application of confocal endomicroscopy in the urinary tract, endoscopic molecular imaging of bladder cancer, an in vitro molecular diagnostics for urinary tract infections and bladder cancer. He has served as the principal investigator on several R01 grants from the National Institutes of Health, as well as a standing member of the NIH Instrument Systems Development study section. He is an author of over 100 manuscripts and the editor of the textbook *Advances in Image-Guided Urologic Surgery*. He has been an invited speaker to numerous international meetings including the Gordon Research Conferences, IEEE-NANOMED, IEEE-NEMS, SPIE, Society of Urologic Oncology, Endourology Society, American Urological Association, and European Association of Urology.

Academic Appointments

- Associate Professor, [Urology](#)
- Member, [Bio-X](#)
- Member, [Stanford Cancer Institute](#)

Administrative Appointments

- Standing Member, Assistant Professors Review Committee (APRC), Stanford School of Medicine (2017 - Present)
- Director of Research, Department of Urology, Stanford University (2017 - Present)
- Standing Member, NIH Study Section - Instrumentation and Systems Development (ISD) (2013 - 2017)
- Chief of Urology, VA Palo Alto Health Care System (2006 - Present)

Honors & Awards

- Research Scholar, American Foundation for Urologic Disease (2003-05)
- Faculty Fellows Leadership Program, Stanford (2008)
- First Place, AUA Foundation Young Investigator Research Forum (2009)
- Scholar, AUA/CUA International Exchange Program (2012)

Professional Education

- Board Certification, American Board of Urology (2008)
- Fellowship, University of California, Los Angeles, Endourology / Minimally Invasive Surgery (2006)
- Residency, University of California, Los Angeles, Urology (2003)
- Internship, University of California, Los Angeles, Surgery (1998)
- M.D., Stanford, Medicine (1997)
- A.B., Harvard, Biology (1993)

Links

[↓ Curriculum Vitae PDF](#)

[🔗 Liao Lab Website](#)

[🔗 Stanford News: 3D bladder](#)

[🔗 Stanford News: bladder molecular imaging](#)

[🔗 Stanford News: potential new bladder cancer therapy](#)



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