Stanford

Yushen Qian, MD

Clinical Associate Professor, Radiation Oncology - Radiation Therapy

CLINICAL OFFICE (PRIMARY)

- **Radiation Oncology**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Dr. Qian is a board-certified radiation oncologist and a Clinical Associate Professor in the Stanford University School of Medicine, Department of Radiation Oncology.

In his clinical practice, he sub-specializes in genitourinary (including prostate and bladder cancer) and Head and Neck malignancies, but also treats a broad spectrum of other disease subsites including lung/thoracic, gastrointestinal, brain, lymphoma, and breast tumors. For each patient, he develops a comprehensive, individualized, and compassionate care plan customized to individual needs. His goal is to deliver the most effective cancer treatment to help patients enjoy the best possible health and quality of life.

In addition to his clinical practice, Dr. Qian serves as the Medical Director of Radiation Oncology at Stanford South Bay Cancer Center. He also serves as the Radiation Oncology Network Director of Clinical Research and has spearheaded opening of multiple NRG Oncology clinical trials at Stanford South Bay Cancer Center.

Dr. Qian is also actively involved in the Stanford Radiation Oncology residency program. He created and oversees a monthly mentorship roundtable series to assist residents with multiple aspects of their clinical training and career progression.

Outside of work, Dr. Qian enjoys spending time with his family and exploring the great outdoors of Northern California.

CLINICAL FOCUS

- Radiation Oncology
- Prostate Cancer
- Bladder Cancer
- Head and Neck Neoplasms

- Lung Cancer
- Brain Cancer
- Gastrointestinal Cancer

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Radiation Oncology - Radiation Therapy

ADMINISTRATIVE APPOINTMENTS

- Medical Director of Radiation Oncology, Stanford South Bay Cancer Center, (2024- present)
- Director of Network Clinical Research, Stanford University, (2021- present)

HONORS AND AWARDS

- The Henry S. Kaplan Memorial Prize for Teaching, Stanford Radiation Oncology (2024)
- Sarah S. Donaldson Mentorship Award, Stanford Radiation Oncology (2022)
- Merit Award for Excellence in Clinical Care, Kaiser Permanente (2019-2021)
- Malcolm A. Bagshaw, Stanford Radiation Oncology (2018)
- Annual Meeting Abstract Award, American Society for Radiation Oncology (2018)
- Travel Grant, Best Poster Award, American Radium Society (2018)
- Malcolm A. Bagshaw Research Symposium Best Research Award, Stanford Radiation Oncology (2017)
- Henry Kaplan Research Award, Stanford Radiation Oncology (2015)
- Scholar-in-Training Award, San Antonio Breast Cancer Symposium, American Association for Cancer Research (2015)
- Merit Award, Palliative Care in Oncology Symposium, American Society of Clinical Oncology (2015)
- Dean's Merit Scholar, University of Michigan Medical School (2009)

PROFESSIONAL EDUCATION

- BS, Duke University , Biochemistry (2009)
- Residency: Stanford University Dept of Radiation Oncology (2018) CA
- Board Certification: Radiation Oncology, American Board of Radiology (2019)
- Internship: Oakwood Hospital and Medical Center (2014) MI
- Medical Education: University of Michigan Medical School (2013) MI

LINKS

- Get a Second Opinion from Dr. Qian: https://stanfordhealthcare.org/second-opinion/overview.html

Research & Scholarship

CLINICAL TRIALS

- Comparing Cisplatin Every Three Weeks to Cisplatin Weekly When Combined With Radiation for Patients With Advanced Head and Neck Cancer, Not Recruiting
- Two Studies for Patients With High Risk Prostate Cancer Testing Less Intense Treatment for Patients With a Low Gene Risk Score and Testing a More Intense Treatment for Patients With a High Gene Risk Score, The PREDICT-RT Trial, Not Recruiting

Publications

PUBLICATIONS

- **Cost-effectiveness analysis of upfront HA-WBRT vs. SRS for treatment of brain metastases due to SCLC.** *Journal of neuro-oncology*
  Goel, K., Qian, Y., Pollom, E.
  2026; 177 (3)
- **The feasibility of a patient oriented interactive panoramic virtual tour for external beam radiation therapy.** *Frontiers in oncology*
  Schulz, J. B., Dubrowski, P., Ling, X., Wu, Y., Qian, Y., Million, L., Marquez, C. M., Yu, A.
  2025; 15: 1568405
- **The feasibility of a patient oriented interactive panoramic virtual tour for external beam radiation therapy** *FRONTIERS IN ONCOLOGY*
  Schulz, J. B., Dubrowski, P., Ling, X., Wu, Y., Qian, Y., Million, L., Marquez, C. M., Yu, A.
  2025; 15
- **The Assistant Clinical Research Coordinator Program: A Pathway for Recruitment in Radiation Oncology.** *Advances in radiation oncology*
  Aboytes, M., Cody, M., Laseinde, E., Hall, J., Soltys, S., Beadle, B., Kidd, E., Qian, Y., Koong, A. C., Chang, D., Le, Q., Pollom, E. L.
  2024; 9 (7): 101504
- **Outcomes with neoadjuvant chemotherapy in bladder-preserving treatment for MIBC**
  Glover, M., Ewongwo, A., Usoz, M., Kornberg, Z., Bagshaw, H., Shah, J., Shah, S., Qian, Y.
  LIPPINCOTT WILLIAMS & WILKINS.2024: 577
- **Shaping success: clinical implementation of a 3D-printed electron cutout program in external beam radiation therapy.** *Frontiers in oncology*
  Schulz, J. B., Gibson, C., Dubrowski, P., Marquez, C. M., Million, L., Qian, Y., Skinner, L., Yu, A. S.
  2023; 13: 1237037
- **An affordable platform for virtual reality-based patient education in radiation therapy.** *Practical radiation oncology*
  Schulz, J. B., Dubrowski, P., Blomain, E., Million, L., Qian, Y., Marquez, C., Yu, A. S.
  2023
- **Integrating Tumor and Nodal Imaging Characteristics at Baseline and Mid-Treatment Computed Tomography Scans to Predict Distant Metastasis in Oropharyngeal Cancer Treated With Concurrent Chemoradiotherapy** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
  Wu, J., Gensheimer, M. F., Zhang, N., Han, F., Liang, R., Qian, Y., Zhang, C., Fischbein, N., Pollom, E. L., Beadle, B., Quynh-Thu Le, Li, R.
  2019; 104 (4): 942–52
- **Outcomes and Characteristics of Patients Treated with Emergent Palliative Radiation Therapy** *PRACTICAL RADIATION ONCOLOGY*
  Grade, M., Koenig, J., Qian, Y., Sandhu, N., Liu, Y., Turner, B., von Eyben, R., Knox, S., Dudley, S.
  2019; 9 (2): E203–E209
- **Rising rates of bilateral mastectomy with reconstruction following neoadjuvant chemotherapy** *INTERNATIONAL JOURNAL OF CANCER*
  Pollom, E. L., Qian, Y., Chin, A. L., Dirbas, F. M., Asch, S. M., Kurian, A. W., Horst, K. C., Tsai, C.
  2018; 143 (12): 3262–72
- **Outcomes and characteristics of patients treated with emergent palliative radiotherapy.** *Practical radiation oncology*
  Grade, M., Koenig, J., Qian, Y., Sandhu, N., Liu, Y., Turner, B., von Eyben, R., Knox, S., Dudley, S.
  2018
- **F-18-EF5 PET-based Imageable Hypoxia Predicts Local Recurrence in Tumors Treated With Highly Conformal Radiation Therapy** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
  Qian, Y., Von Eyben, R., Liu, Y., Chin, F. T., Miao, Z., Apte, S., Carter, J. N., Binkley, M. S., Pollom, E. L., Harris, J. P., Prionas, N. D., Kissel, M., Simmons, et al
  2018; 102 (4): 1183–92
- **Invasive nodal evaluation prior to stereotactic ablative radiation for non-small cell lung cancer** *LUNG CANCER*
  Harris, J. P., Nwachukwu, C., Qian, Y., Pollom, E., Loo, B. W., Das, M., Diehn, M.
  2018; 124: 76–85

- **Cost Effectiveness of Radiation and Chemotherapy for High-Risk Low Grade Glioma**
  Qian, Y., Maruyama, S., Kim, H., Pollom, E. L., Kumar, K. A., Harris, J. P., Chin, A. L., Pitt, A., Bendavid, E., Owens, D. K., Durkee, B. Y., Soltys, S. G.
  ELSEVIER SCIENCE INC.2018: E26

- **18F-EF5 Pet-Based Imageable Hypoxia Predicts for Local Control in Tumors Treated With Conformal Radiotherapy**
  Qian, Y., Liu, Y., Von Eyben, R., Carter, J. N., Pollom, E. L., Harris, J. P., Prionas, N. D., Binkley, M. S., Simmons, A., Diehn, M., Chin, F. T., Shultz, D. B., Brown, et al
  ELSEVIER SCIENCE INC.2018: E17–E18

- **National trends in mastectomy for operable breast cancers treated with neoadjuvant chemotherapy**
  Pollom, E., Qian, Y., Dirbas, F., Horst, K., Tsai, C.
  AMER ASSOC CANCER RESEARCH.2018

- **18F-EF5 PET-based Imageable Hypoxia Predicts Local Recurrence in Tumors Treated With Highly Conformal Radiation Therapy.** *International journal of radiation oncology, biology, physics*
  Qian, Y. n., Von Eyben, R. n., Liu, Y. n., Chin, F. T., Miao, Z. n., Apte, S. n., Carter, J. N., Binkley, M. S., Pollom, E. L., Harris, J. P., Prionas, N. D., Kissel, M. n., Simmons, et al
  2018

- **Rising rates of bilateral mastectomy with reconstruction following neoadjuvant chemotherapy.** *International journal of cancer*
  Pollom, E. L., Qian, Y. n., Chin, A. L., Dirbas, F. M., Asch, S. M., Kurian, A. W., Horst, K. C., Tsai, C. J.
  2018

- **Extent of lymphovascular space invasion may predict lymph node metastasis in uterine serous carcinoma** *GYNECOLOGIC ONCOLOGY*
  Qian, Y., Pollom, E. L., Nwachukwu, C., Seiger, K., von Eyben, R., Folkins, A. K., Kidd, E. A.
  2017; 147 (1): 24–29

- **Radiation Therapy for Colorectal Liver Metastases** *CURRENT COLORECTAL CANCER REPORTS*
  Qian, Y., Kumar, K. A., Dudley, S. A., Koong, A. C., Chang, D. T.
  2017; 13 (3): 240–49

- **Comparison of Survival by Different Palliative Radiation Therapy Fractionation Schedules**
  Dudley, S. A., Aggarwal, S., Qian, Y., Chaudhuri, A., Kumar, K., Chang, D. T.
  ELSEVIER SCIENCE INC.2017: E39

- **Sinoatrial node dysfunction after stereotactic ablative radiation therapy in the chest**
  Qian, Y., Dudley, S., Kumar, K., Chaudhuri, A., Chin, A., Harris, J., Prionas, N., Nwachukwu, C., Bagshaw, H., Pollom, E. L., Ben Durkee, Shultz, D., Gensheimer, M. F., et al
  AMER SOC CLINICAL ONCOLOGY.2017

- **Cost-Effectiveness of Radiation and Chemotherapy for High-Risk Low-Grade Glioma.** *Neuro-oncology*
  Qian, Y. n., Maruyama, S. n., Kim, H. n., Pollom, E. L., Kumar, K. A., Chin, A. L., Harris, J. P., Chang, D. T., Pitt, A. n., Bendavid, E. n., Owens, D. K., Durkee, B. Y., Soltys, et al
  2017

- **Sinoatrial node toxicity after stereotactic ablative radiation therapy to lung tumors.** *Practical radiation oncology*
  Qian, Y. n., Zhu, H. n., Pollom, E. L., Durkee, B. Y., Chaudhuri, A. A., Gensheimer, M. F., Diehn, M. n., Shultz, D. B., Loo, B. W.
  2017

- **Nonoperative Management of Rectal Cancer: A Modern Perspective.** *Oncology (Williston Park, N.Y.)*
  Qian, Y. n., Chin, A. L., Toesca, D. A., Koong, A. C., Chang, D. T.
  2017; 31 (10): e13–e22

- **Impact of Intensity-Modulated Radiotherapy on Health Care Costs of Patients With Anal Squamous Cell Carcinoma.** *Journal of oncology practice*
  Chin, A. L., Pollom, E. L., Qian, Y. n., Koong, A. C., Chang, D. T.
  2017: JOP2017024810

- **Hypofractionated Intensity-Modulated Radiotherapy for Patients With Non-Small-Cell Lung Cancer.** *Clinical lung cancer*
  Pollom, E. L., Qian, Y., Durkee, B. Y., von Eyben, R., Maxim, P. G., Shultz, D. B., Gensheimer, M., Diehn, M., Loo, B. W.

2016; 17 (6): 588-594

- **Reply to R. Colomer et al.** *Journal of clinical oncology*
  Durkee, B. Y., Qian, Y., Goldhaber-Fiebert, J. D., Horst, K. C.
  2016; 34 (26): 3227-3228

- **Pre-treatment non-target lung FDG-PET uptake predicts symptomatic radiation pneumonitis following Stereotactic Ablative Radiotherapy (SABR).** *Radiotherapy and oncology*
  Chaudhuri, A. A., Binkley, M. S., Rigdon, J., Carter, J. N., Aggarwal, S., Dudley, S. A., Qian, Y., Kumar, K. A., Hara, W. Y., Gensheimer, M., Nair, V. S., Maxim, P. G., Shultz, et al
  2016; 119 (3): 454-460

- **Socioeconomic resources and survival in patients with metastatic breast cancer treated with palliative radiotherapy**
  Qian, Y., Aggarwal, S., Dudley, S., Durkee, B. Y., Kumar, K., Chaudhuri, A., Pollom, E. L., von Eyben, R., Chang, D., Horst, K. C.
  AMER SOC CLINICAL ONCOLOGY.2016

- **Cost-Effectiveness of Pertuzumab in Human Epidermal Growth Factor Receptor 2-Positive Metastatic Breast Cancer.** *Journal of clinical oncology*
  Durkee, B. Y., Qian, Y., Pollom, E. L., King, M. T., Dudley, S. A., Shaffer, J. L., Chang, D. T., Gibbs, I. C., Goldhaber-Fiebert, J. D., Horst, K. C.
  2016; 34 (9): 902-909

- **Severe Chest Wall Toxicity From Cryoablation in the Setting of Prior Stereotactic Ablative Radiotherapy** *CUREUS*
  Chaudhuri, A. A., Binkley, M. S., Aggarwal, S., Qian, Y., Carter, J. N., Shah, R., Loo, B. W.
  2016; 8 (2)

- **Severe Chest Wall Toxicity From Cryoablation in the Setting of Prior Stereotactic Ablative Radiotherapy.** *Cure¯us*
  Chaudhuri, A. A., Binkley, M. S., Aggarwal, S., Qian, Y., Carter, J. N., Shah, R., Loo, B. W.
  2016; 8 (2)

- **Fractionation of palliative radiotherapy in metastatic breast cancer: Selection and survival**
  Qian, Y., Dudley, S., Durkee, B. Y., Kumar, K., Chaudhuri, A., Pollom, E. L., Aggarwal, S., Horst, K. C., Chang, D.
  AMER SOC CLINICAL ONCOLOGY.2015

- **Survival comparison of patients treated with one versus five fraction palliative radiotherapy**
  Dudley, S., Qian, Y., Chaudhuri, A., Kumar, K., Aggarwal, S., Chang, D.
  AMER SOC CLINICAL ONCOLOGY.2015