

Stanford



Alexander Chin, MD, MBA

Clinical Assistant Professor, Radiation Oncology - Radiation Therapy

CLINICAL OFFICE (PRIMARY)

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

Alexander Chin, MD, MBA, is a radiation oncologist with Stanford Medicine Cancer Center and a clinical assistant professor in the Department of Radiation Oncology with the Stanford School of Medicine. He also serves as Director of Market Development for Stanford Health Care, acting as a liaison between faculty leadership and hospital administration, to advance Stanford Medicine's mission of providing compassionate leading-edge care to the communities that we serve.

Dr. Chin is committed to ensuring the delivery of care of the highest quality and value. He provides clinical expertise in diagnosing and treating the full range of cancers, including those of the lung, breast, and central nervous system. In addition, he serves on national leadership teams formed to advance the practice of cancer care. Dr. Chin is currently a member of the Payment Reform Task Force for the American Society of Clinical Oncology and has previously served on their Clinical Practice Committee and as a health policy fellow. He was one of just two oncologists in the US selected to participate in a year-long program on policy leadership.

He currently serves on the Stanford Cancer Network Quality Committee. This team develops and implements our care delivery standards, strategies, and metrics to ensure consistently excellent cancer care from all Stanford Health Care providers in all locations.

Dr. Chin has conducted extensive research and published his findings in numerous peer-reviewed journals. Topics range from novel oncology payment models to the use of new imaging parameters in lung cancer. His scholarship appears in *Cancer*, *JCO Oncology Practice*, *Clinical Lung Cancer*, *International Journal of Radiation Oncology, Biology, Physics*, and elsewhere.

He has made presentations on stereotactic body radiotherapy (SBRT) and other treatment advances at meetings of the Radiological Society of North America and American Society for Radiation Oncology. He also has addressed these topics as an invited lecturer in training sessions for oncology residents.

He has won numerous awards, including recognition for his research from the Radiological Society of North America. He also has earned honors from the American Society of Clinical Oncology and from his alma maters: the Perelman School of Medicine at the University of Pennsylvania as well as Wharton and Yale.

Dr. Chin earned a Bachelor of Science degree in molecular biophysics and biochemistry from Yale University. He earned his medical degree from Perelman School of Medicine at the University of Pennsylvania, and his MBA at the Wharton School. He completed his residency in Radiation Oncology at Stanford Health Care.

He is a member of the Radiological Society of North America, American Society for Radiation Oncology, and American Society for Clinical Oncology.

CLINICAL FOCUS

- Radiation Oncology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Radiation Oncology - Radiation Therapy

ADMINISTRATIVE APPOINTMENTS

- Director of Market Development, Stanford Health Care, (2019- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Coverage & Reimbursement Steering Group, American Society of Clinical Oncology (2022 - present)
- Member, Clinical Practice Committee, American Society of Clinical Oncology (2018 - 2019)
- Health Policy Fellow, American Society of Clinical Oncology (2017 - 2018)

PROFESSIONAL EDUCATION

- Board Certification: Radiation Oncology, American Board of Radiology (2021)
- Residency: Stanford University Radiation Oncology Residency (2019) CA
- Internship: Santa Clara Valley Medical Center Internal Medicine Residency (2015) CA
- Medical Education: Perelman School of Medicine University of Pennsylvania (2014) PA
- MD, University of Pennsylvania School of Medicine (2014)
- MBA, The Wharton School , Health Care Management (2014)
- BS, Yale University , Molecular Biophysics & Biochemistry (2009)

LINKS

- LinkedIn: <https://www.linkedin.com/in/alex-chin-md>

Publications

PUBLICATIONS

- **Intra- and post-pandemic impact of the COVID-19 outbreak on Stanford Health Care.** *Academic pathology*
Phongpreecha, T., Berson, E., Xue, L., Shome, S., Saarunya, G., Fralick, J., Ruiz-Tagle, B. G., Foody, A., Chin, A. L., Lim, M., Arthofer, R., Albini, C., Montine, et al
2024; 11 (2): 100113
- **Predicting Adverse Cardiac Events After Radiotherapy for Locally Advanced Non-Small Cell Lung Cancer.** *JACC. CardioOncology*
No, H. J., Guo, F. B., Park, N. J., Kastelowitz, N., Rhee, J. W., Clark, D. E., Chin, A. L., Vitzthum, L. K., Horst, K. C., Moding, E. J., Loo, B. W., Diehn, M., Binkley, et al
2023; 5 (6): 775-787
- **Patient Selection and Outcomes for Hypofractionated Accelerated Radiation and Concurrent Chemotherapy for Non-Small-Cell Lung Cancer.** *Clinical lung cancer*
Hui, C., Marquez, C., Lau, B., Das, M., Myall, N. J., Roy, M., Wakelee, H. A., Neal, J. W., Kovalchuk, N., Chin, A., Diehn, M., Loo, B. W., Xiang, et al
2023

- **Personalized Accelerated ChEmoRadiation (PACER) for Lung Cancer: Protocol for a Bayesian Optimal Phase I/II Trial.** *Clinical lung cancer*
Hui, C., Brown, E., Wong, S., Das, M., Wakelee, H., Neal, J., Ramchandran, K., Myall, N. J., Pham, D., Xing, L., Yang, Y., Kovalchuk, N., Yuan, et al
2023
- **Patterns of local recurrence and risk of skin recurrence in soft tissue sarcomas after surgical resection.** *Practical radiation oncology*
Ewongwo, A., Oladipo, E. D., Hui, C., Avedian, R. S., Steffner, R. J., Mohler, D. G., Kalbasi, A., Chin, A. L., Million, L., Hiniker, S. M., Moding, E. J.
2023
- **Individualized Stereotactic Ablative Radiotherapy for Lung Tumors: The iSABR Phase 2 Nonrandomized Controlled Trial.** *JAMA oncology*
Gensheimer, M. F., Gee, H., Shirato, H., Taguchi, H., Snyder, J. M., Chin, A. L., Vitzthum, L. K., Maxim, P. G., Wakelee, H. A., Neal, J., Das, M., Chang, D. T., Kidd, et al
2023
- **Unilateral diaphragmatic paralysis after stereotactic ablative radiotherapy to a lung tumor abutting the course of the phrenic nerve.** *Practical radiation oncology*
Eke, I., Guo, H. H., Loo, J. B., Sung, A. W., Diehn, M., Vitzthum, L., Chin, A. L., Gensheimer, M. F.
2023
- **Pulmonary Hemorrhage in Patients Treated with Thoracic Stereotactic Ablative Radiotherapy and Anti-Angiogenic Agents.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
Lau, B., Wu, Y. F., No, H. J., Ko, R. B., Devine, M., Das, M. S., Neal, J. W., Wakelee, H. A., Ramchandran, K., Gensheimer, M. F., Diehn, M., Chin, A. L., Loo, et al
2023
- **Real-world risk of brain metastases in stage III non-small cell lung cancer in the era of PET and MRI staging.** *Frontiers in oncology*
Alhusaini, S., Lanman, T. A., Ko, R. B., Therkelsen, K. E., Eyben, R. V., Diehn, M., Soltys, S. G., Pollom, E. L., Chin, A., Vitzthum, L., Wakelee, H. A., Padda, S. K., Ramchandran, et al
2023; 13: 1139940
- **Early Outcomes and Toxicity with Concurrent Chemotherapy and Hypofractionated Radiation Therapy in Patients with Non-Small Cell Lung Cancer**
Hui, C., Marquez, C., Lau, B., Von Eyben, R., Das, M., Myall, N., Roy, M., Chin, A., Diehn, M., Loo, B., Vitzthum, L.
LIPPINCOTT WILLIAMS & WILKINS.2022: S44
- **Diagnostic CT Planning for Palliative Inpatient Treatments: A Cost-savings and Clinical Analysis of a Pilot Program to Reduce the Need for CT Simulation Scans**
Blomain, E., Alnajjar, N., Chin, A., Lewis, J., Kovalchuk, N., Horst, K.
LIPPINCOTT WILLIAMS & WILKINS.2022: S55
- **Dosimetric Predictors of Local Control after Stereotactic Ablative Radiotherapy (SABR) for Lung Tumors: A Secondary Analysis of a Phase II Prospective Trial of Individualized SABR (iSABR)**
Wu, Y., Lau, B., Fu, J., Skinner, L., Gensheimer, M., Gee, H., Diehn, M., Loo, B., Chin, A., Vitzthum, L.
LIPPINCOTT WILLIAMS & WILKINS.2022: S16
- **Isolated Nodal Recurrence After Definitive Stereotactic Ablative Radiotherapy for Non-Small Cell Lung Cancer.** *Practical radiation oncology*
Devine, M., Merriott, D. J., No, H. J., Lau, B., Say, C., Yoo, C., Yi, E., Ko, R. B., Neal, J. W., Wakelee, H. A., Das, M., Loo, B. W., Diehn, et al
2022
- **Characterization of Metastatic Non-Small Cell Lung Cancer and Oligometastatic Incidence in an Era of Changing Treatment Paradigms.** *International journal of radiation oncology, biology, physics*
No, H. J., Raja, N., Von Eyben, R., Das, M., Roy, M., Myall, N., Neal, J., Wakelee, H., Chin, A., Diehn, M., Loo, B. W., Chang, D. T., Pollom, et al
2022
- **Local control outcomes using stereotactic body radiotherapy or surgical resection for metastatic sarcoma.** *International journal of radiation oncology, biology, physics*
Gutkin, P. M., von Eyben, R., Chin, A., Donaldson, S. S., Oh, J., Jiang, A., Ganjoo, K. N., Avedian, R. S., Bruzoni, M., Steffner, R. J., Moding, E. J., Hiniker, S. M.
2022
- **IMRT and SBRT Treatment Planning Study for the First Clinical Biology-Guided Radiotherapy System.** *Technology in cancer research & treatment*
Pham, D., Simiele, E., Breitkreutz, D., Capaldi, D., Han, B., Surucu, M., Oderinde, S., Vitzthum, L., Gensheimer, M., Bagshaw, H., Chin, A., Xing, L., Chang, et al
2022; 21: 15330338221100231

● **Pulmonary Hemorrhage in Patients Treated With Thoracic Stereotactic Ablative Radiotherapy and Anti-Angiogenic Agents**

Lau, B., No, H. J., Wu, Y. F., Ko, R. B., Devine, M., Das, M., Neal, J. W., Ramchandran, K. J., Wakelee, H. A., Shaheen, S., Diehn, M., Chin, A. L., Loo, et al
ELSEVIER SCIENCE INC.2021: E423

● **Pulmonary Hemorrhage in Patients Treated with Thoracic Stereotactic Ablative Radiotherapy and Anti-Angiogenic Agents**

Lau, B., No, H., (Fred) Wu, Y., Devine, M., Ko, R., Loo, B., Diehn, M., Chin, A., Vitzthum, L.
LIPPINCOTT WILLIAMS & WILKINS.2021: S105

● **Treatment Patterns for Isolated Nodal Recurrences in Non-Small Cell Lung Cancer After Definitive Stereotactic Ablative Radiotherapy**

No, H., Devine, M., Lau, B., Loo, B., Diehn, M., Chin, A., Vitzthum, L.
LIPPINCOTT WILLIAMS & WILKINS.2021: S109

● **Updates to the ASCO Patient-Centered Oncology Payment Model. *JCO oncology practice***

Ward, J. C., Bourbeau, B. R., Chin, A. L., Page, R. D., Grubbs, S. S., Kamin, D. Y., Green, S. R., Rappaport, M.
2020: JOP1900776

● **Stereotactic Radiosurgery After Resection of Brain Metastases: Changing Patterns of Care in the United States. *World neurosurgery***

Chin, A. L., Li, G. n., Gephart, M. H., Sandhu, N. n., Nagpal, S. n., Soltys, S. G., Pollom, E. L.
2020

● **Long-Term Update of Stereotactic Radiosurgery for Benign Spinal Tumors *NEUROSURGERY***

Chin, A. L., Fujimoto, D., Kumar, K. A., Tupper, L., Mansour, S., Chang, S. D., Adler, J. R., Gibbs, I. C., Hancock, S. L., Dodd, R., Li, G., Gephart, M., Ratliff, et al
2019; 85 (5): 708–16

● **Application of pharmacoeconomics to formulary management in a health system setting. *American journal of health-system pharmacy : AJHP : official journal of the American Society of Health-System Pharmacists***

Studdert, A. L., Gong, C. L., Srinivas, S., Chin, A. L., Deresinski, S.
2019; 76 (6): 381–386

● **The impact of state parity laws on copayments for and adherence to oral endocrine therapy for breast cancer *CANCER***

Chin, A. L., Bentley, J. P., Pollom, E. L.
2019; 125 (3): 374–81

● **Prognostic Significance of P16 Expression and P53 Expression in Primary Vaginal Cancer. *International journal of gynecological pathology : official journal of the International Society of Gynecological Pathologists***

Nwachukwu, C. R., Harris, J. P., Chin, A. n., Von Eyben, R. n., Giarettta, S. n., Shaffer, J. L., Hiniker, S. M., Kapp, D. S., Folkins, A. K., Kidd, E. A.
2019; 38 (6): 588–96

● **The impact of state parity laws on copayments for and adherence to oral endocrine therapy for breast cancer. *Cancer***

Chin, A. L., Bentley, J. P., Pollom, E. L.
2018

● **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

● **Prognostic Significance of P16 Expression and P53 Expression in Primary Vaginal Cancer. *International journal of gynecological pathology : official journal of the International Society of Gynecological Pathologists***

Nwachukwu, C. R., Harris, J. P., Chin, A., Von Eyben, R., Giarettta, S., Shaffer, J. L., Hiniker, S. M., Kapp, D. S., Folkins, A. K., Kidd, E. A.
2018

● **Prognostic Value of Pretreatment FDG-PET Parameters in High-dose Image-guided Radiotherapy for Oligometastatic Non-Small-cell Lung Cancer *CLINICAL LUNG CANCER***

Chin, A. L., Kumar, K. A., Guo, H. H., Maxim, P. G., Wakelee, H., Neal, J. W., Diehn, M., Loo, B. W., Gensheimer, M. F.
2018; 19 (5): E581–E588

● **Survival impact of postoperative radiotherapy timing in pediatric and adolescent medulloblastoma *NEURO-ONCOLOGY***

Chin, A. L., Moding, E. J., Donaldson, S. S., Gibbs, I. C., Soltys, S. G., Hiniker, S. M., Pollom, E. L.
2018; 20 (8): 1133–41

- **The role of bone marrow and spleen irradiation in the development of acute hematologic toxicity during chemoradiation for esophageal cancer.** *Advances in radiation oncology*
Chin, A. L., Aggarwal, S., Pradhan, P., Bush, K., von Eyben, R., Koong, A. C., Chang, D. T.
2018; 3 (3): 297–304
- **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
- **Survival Impact of Postoperative Radiotherapy Timing in Pediatric and Adolescent Medulloblastoma.** *Neuro-oncology*
Chin, A. L., Moding, E. J., Donaldson, S. S., Gibbs, I. C., Soltys, S. G., Hiniker, S. M., Pollom, E. L.
2018
- **Long-Term Update of Stereotactic Radiosurgery for Benign Spinal Tumors.** *Neurosurgery*
Chin, A. L., Fujimoto, D. n., Kumar, K. A., Tupper, L. n., Mansour, S. n., Chang, S. D., Adler, J. R., Gibbs, I. C., Hancock, S. L., Dodd, R. n., Li, G. n., Gephart, M. H., Ratliff, 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
- **Prognostic Value of Pretreatment FDG-PET Parameters in High-dose Image-guided Radiotherapy for Oligometastatic Non-Small-cell Lung Cancer.** *Clinical lung cancer*
Chin, A. L., Kumar, K. A., Guo, H. H., Maxim, P. G., Wakelee, H. n., Neal, J. W., Diehn, M. n., Loo, B. W., Gensheimer, M. F.
2018
- **Normal Tissue Constraints for Abdominal and Thoracic Stereotactic Body Radiotherapy.** *Seminars in radiation oncology*
Pollom, E. L., Chin, A. L., Diehn, M., Loo, B. W., Chang, D. T.
2017; 27 (3): 197-208
- **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
- **Patterns of Care in Adjuvant Therapy for Resected Oral Cavity Squamous Cell Cancer in Elderly Patients.** *International journal of radiation oncology, biology, physics*
Pollom, E. L., Chin, A. L., Lee, N. Y., Tsai, C. J.
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
- **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
- **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
- **Feasibility and limitations of bulk density assignment in MRI for head and neck IMRT treatment planning.** *Journal of applied clinical medical physics*
Chin, A. L., Lin, A., Anamalayil, S., Teo, B. K.
2014; 15 (5): 4851-?
- **Quality, and not Just Quantity, of Education Accounts for Differences in Psychometric Performance between African Americans and White Non-Hispanics with Alzheimer's Disease** *JOURNAL OF THE INTERNATIONAL NEUROPSYCHOLOGICAL SOCIETY*
Chin, A. L., Negash, S., Xie, S., Arnold, S. E., Hamilton, R.

2012; 18 (2): 277-285

- **The role of mechanical forces and adenosine in the regulation of intestinal enterochromaffin cell serotonin secretion** *AMERICAN JOURNAL OF PHYSIOLOGY-GASTROINTESTINAL AND LIVER PHYSIOLOGY*

Chin, A., Svejda, B., Gustafsson, B. I., Granlund, A. B., Sandvik, A. K., TIMBERLAKE, A., Sumpio, B., Pfragner, R., Modlin, I. M., Kidd, M.
2012; 302 (3): G397-G405

- **Diversity and Disparity in Dementia: The Impact of Ethnoracial Differences in Alzheimer Disease** *ALZHEIMER DISEASE & ASSOCIATED DISORDERS*

Chin, A. L., Negash, S., Hamilton, R.
2011; 25 (3): 187-195