



Chloe C. Su

Contingent Employee, Med/Quantitative Sciences Unit

Bio

EDUCATION AND CERTIFICATIONS

- PhD, Stanford University , Epidemiology and Clinical Research (2024)
- B.S., University of California, Los Angeles , Molecular, Cell & Developmental Biology, minor in Biomedical Research (2016)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Departmental Diversity, Equity & Inclusion Committee

Publications

PUBLICATIONS

- **KRAS G12C inhibitor outcomes in advanced non-small cell lung cancer by smoking history, performance status, and KEAP1 mutation status.** *Cancer treatment and research communications*
Xu, Z., Aredo, J. V., Su, C. C., Myall, N. J., Roy, M., Ramchandran, K. J., Wakelee, H. A., Neal, J. W.
2026; 47: 101227
- **Evaluating Tumor Burden as a Predictive Biomarker for Epidermal Growth Factor Receptor Targeted Kinase Inhibitor Therapy in Advanced Non-Small Cell Lung Cancer.** *JCO precision oncology*
Terashima, R., Fan, J., Gunturkun, F., Nieda, G., Fan, X., Rodriguez, E. M., Tan, A. X., Thottunkal, S., Shaw, M., Su, C. C., Khan, A., Ding, V. Y., Luo, et al
2026; 10 (4): e2500884
- **Eligibility and Prognostic Performance of Smoking Duration-Based Versus Pack-Year-Based U.S. National Lung Cancer Screening Criteria Across Racial and Ethnic Groups.** *Annals of internal medicine*
Su, C. C., Ding, V. Y., Ten Haaf, K., Wu, J. T., Freedman, N. D., Backhus, L. M., Leung, A. N., Lui, N. S., Haiman, C. A., Park, S. L., Neal, J. W., Meza, R., Tammemägi, et al
2025
- **Leveraging large language models to extract smoking history from clinical notes for lung cancer surveillance.** *NPJ digital medicine*
Luo, I., Graber-Naidich, A., Zhang, M., Kaushik, R., Nieda, G. M., Chen, T., Gu, B., Choi, E., Ding, V. Y., Gunturkun, F., Satoyoshi, M., Bhat, A., Lee, et al
2025; 8 (1): 731
- **Automatic Abstraction of Computed Tomography Imaging Indication Using Natural Language Processing for Evaluation of Surveillance Patterns in Long-Term Lung Cancer Survivors.** *JCO clinical cancer informatics*
Khan, A., Choi, E., Su, C., Graber-Naidich, A., Henry, S., Satoyoshi, M. L., Bhat, A., Kurian, A. W., Liang, S. Y., Neal, J., Gould, M., Leung, A., Wakelee, et al
2025; 9: e2400279
- **Enabling national identification of lung cancer screening eligibility with large language models.**
Wu, J., Conover, S., Su, C., Corrigan, J., Culnan, J., Liu, Y., Kelley, M. J., Do, N., Arya, S., Harris, A. H. S., Langlotz, C., Wiener, R., Branch-Elliman, et al

LIPPINCOTT WILLIAMS & WILKINS.2025: e13613

- **Oncoshare-Lung: Novel three-way linkage of neighboring academic and community medical centers to state cancer registry for lung cancer.**
Su, C., Choi, E., Satoyoshi, M., Bhat, A., Chen, T., Ding, V., Khan, A., Lee, T., Wu, J., Henry, S., Desai, M., Neal, J. W., Backhus, et al
LIPPINCOTT WILLIAMS & WILKINS.2025: e23292
- **Correction: The performance status gap in immunotherapy for frail patients with advanced non-small cell lung cancer.** *Cancer immunology, immunotherapy : CII*
Wu, J. T., Corrigan, J., Su, C., Dumontier, C., La, J., Khan, A., Arya, S., Harris, A. H., Backhus, L., Das, M., Do, N. V., Brophy, M. T., Han, et al
2024; 74 (1): 34
- **Racial and Ethnic Differences in Second Primary Lung Cancer Risk among Lung Cancer Survivors.** *JNCI cancer spectrum*
Choi, E., Hua, Y., Su, C. C., Wu, J. T., Neal, J. W., Leung, A. N., Backhus, L. M., Haiman, C., Le Marchand, L., Liang, S., Wakelee, H. A., Cheng, I., Han, et al
2024
- **The performance status gap in immunotherapy for frail patients with advanced non-small cell lung cancer.** *Cancer immunology, immunotherapy : CII*
Wu, J. T., Corrigan, J., Su, C., Dumontier, C., La, J., Khan, A., Arya, S., Harris, A. H., Backhus, L., Das, M., Do, N. V., Brophy, M. T., Han, et al
2024; 73 (9): 172
- **Wnt signaling couples G2 phase control with differentiation during hematopoiesis in Drosophila.** *Developmental cell*
Goins, L. M., Girard, J. R., Mondal, B. C., Buran, S., Su, C. C., Tang, R., Biswas, T., Kissi, J. A., Banerjee, U.
2024
- **Second Primary Lung Cancer Among Lung Cancer Survivors Who Never Smoked.** *JAMA network open*
Choi, E., Su, C. C., Wu, J. T., Aredo, J. V., Neal, J. W., Leung, A. N., Backhus, L. M., Lui, N. S., Le Marchand, L., Stram, D. O., Liang, S. Y., Cheng, I., Wakelee, et al
2023; 6 (11): e2343278
- **Overall Survival Among Patients With De Novo Stage IV Metastatic and Distant Metastatic Recurrent Non-Small Cell Lung Cancer.** *JAMA network open*
Su, C. C., Wu, J. T., Choi, E., Myall, N. J., Neal, J. W., Kurian, A. W., Stehr, H., Wood, D., Henry, S. M., Backhus, L. M., Leung, A. N., Wakelee, H. A., Han, et al
2023; 6 (9): e2335813
- **A functional genomics screen identifying blood cell development genes in Drosophila by undergraduates participating in a course-based research experience.** *G3 (Bethesda, Md.)*
Evans, C. J., Olson, J. M., Mondal, B. C., Kandimalla, P., Abbasi, A., Abdusamad, M. M., Acosta, O., Ainsworth, J. A., Akram, H. M., Albert, R. B., Alegria-Leal, E., Alexander, K. Y., Ayala, et al
2021; 11 (1)
- **The Survival Impact of Second Primary Lung Cancer in Patients with Lung Cancer.** *Journal of the National Cancer Institute*
Choi, E., Luo, S. J., Aredo, J. V., Backhus, L. M., Wilkens, L. R., Su, C. C., Neal, J. W., Le Marchand, L., Cheng, I., Wakelee, H. A., Han, S. S.
2021
- **Impact of Low-Dose CT Screening for Primary Lung Cancer on Subsequent Risk of Brain Metastasis.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
Su, C. C., Wu, J. T., Neal, J. W., Popat, R. A., Kurian, A. W., Backhus, L. M., Nagpal, S., Leung, A. N., Wakelee, H. A., Han, S. S.
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