

Stanford

Zhengyi Deng

Postdoctoral Scholar, Urology

Bio

PROFESSIONAL EDUCATION

- PhD, Johns Hopkins Bloomberg School of Public Health , Epidemiology-Cancer Epidemiology (2022)
- SM, Harvard T.H.Chan School of Public Health , Environmental Health-Environmental Epidemiology (2017)
- Bachelor of Medicine, Shandong University , Preventive Medicine (2015)

STANFORD ADVISORS

- Benjamin Chung, Postdoctoral Faculty Sponsor
- Marvin Langston, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Polygenic score for body mass index in relation to mortality among patients with renal cell cancer.** *International journal of obesity* (2005)
Deng, Z., Graff, R. E., Batai, K., Chung, B. I., Langston, M. E., Kachuri, L.
2024
- **Social cohesion as a modifier of joint air pollution exposure and incident dementia.** *The Science of the total environment*
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2024; 949: 175149
- **Increased risk of cardiovascular disease among kidney cancer survivors: a nationwide population-based cohort study.** *Frontiers in oncology*
Jung, M., Choo, E., Li, S., Deng, Z., Li, J., Li, M., Basran, S., Lee, S., Langston, M. E., Chung, B. I.
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- **Ambient air pollution and urological cancer risk: A systematic review and meta-analysis of epidemiological evidence.** *Nature communications*
Li, J., Deng, Z., Soerensen, S. J., Kachuri, L., Cardenas, A., Graff, R. E., Leppert, J. T., Langston, M. E., Chung, B. I.
2024; 15 (1): 5116
- **Air pollution mixture associated with oxidative stress exacerbation and symptoms deterioration in allergic rhinitis patients: Evidence from a panel study.** *The Science of the total environment*
Li, J., Wu, H., Xing, W., Li, X., Han, Z., Ji, R., Deng, Z., Jung, M., Sun, S., Chung, B. I., Cardenas, A., Langston, M. E.
2024: 172688
- **Risk of dementia due to Co-exposure to air pollution and neighborhood disadvantage.** *Environmental research*
Frndak, S., Deng, Z., Ward-Caviness, C. K., Gorski-Steiner, I., Thorpe, R. J., Dickerson, A. S.
2024: 118709
- **Evaluation of PREDICT: a prognostic risk tool, after diagnosis of a second breast cancer.** *JNCI cancer spectrum*
Deng, Z., Jones, M. R., Wolff, A. C., Visvanathan, K.
2023
- **Associations between race/ethnicity and SEER-CAHPS patient care experiences among female Medicare beneficiaries with breast cancer.** *Journal of geriatric oncology*
Dibble, K. E., Deng, Z., Jin, M., Connor, A. E.

2023; 14 (8): 101633

- **Lifetime body weight trajectories and risk of renal cell cancer: a large US prospective cohort study.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*
Deng, Z., Hajihosseini, M., Moore, J. X., Khan, S., Graff, R. E., Bondy, M. L., Chung, B. I., Langston, M. E.
2023
- **Outdoor Air Pollution, Environmental Injustice, and Cognitive Decline: a Review** *CURRENT EPIDEMIOLOGY REPORTS*
Dickerson, A. S., Frndak, S., Gorski-Steiner, I., Deng, Z., Jenson, T. E., Mohan, A., Kim, J., Boerner, V., Thorpe Jr, R. J.
2023
- **Differences in survivorship care experiences among older breast cancer survivors by clinical cancer characteristics, race/ethnicity, and socioeconomic factors: A SEER-CAHPS study** *BREAST CANCER RESEARCH AND TREATMENT*
Dibble, K. E., Deng, Z., Connor, A. E.
2023: 565-582
- **The impact of multimorbidity on the relationship between breast cancer tumor characteristics and survivorship care experiences among older women: A SEER-CAHPS analysis**
Dibble, K. E., Deng, Z., Connor, A. E.
AMER ASSOC CANCER RESEARCH.2023
- **The Impact of Cardiovascular Disease Risk on Cancer Progression among Female Breast Cancer Survivors: A Longitudinal Study within The Boss Cohort**
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- **Racial/ethnic disparities in perceived quality of breast cancer survivorship care among older women by general health status: A SEER-CAHPS study**
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AMER ASSOC CANCER RESEARCH.2023: 313
- **Racial and ethnic disparities in mortality among breast cancer survivors after a second malignancy** *JNCI-JOURNAL OF THE NATIONAL CANCER INSTITUTE*
Deng, Z., Jones, M. R., Wang, M., Wolff, A. C., Visvanathan, K.
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- **Validation of the PREDICT breast cancer tool in a multiethnic population of US women after a second primary breast cancer.**
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- **Racial/ethnic disparities in cancer mortality after a second breast cancer**
Deng, Z., Jones, M. R., Wang, M., Visvanathan, K.
AMER ASSOC CANCER RESEARCH.2022
- **Associations of prenatal exposure to mixtures of organochlorine pesticides and smoking and drinking behaviors in adolescence** *ENVIRONMENTAL RESEARCH*
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- **Increased cancer mortality after second primary malignancy among breast cancer survivors**
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AMER ASSOC CANCER RESEARCH.2021
- **Shorter survival and later stage at diagnosis among unmarried patients with cutaneous melanoma: A US national and tertiary care center study** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
Rachidi, S., Deng, Z., Sullivan, D. Y., Lipson, E. J.
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- **Using Machine Learning and Natural Language Processing to Review and Classify the Medical Literature on Cancer Susceptibility Genes** *JCO CLINICAL CANCER INFORMATICS*
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- **Validation of a Semiautomated Natural Language Processing-Based Procedure for Meta-Analysis of Cancer Susceptibility Gene Penetrance.** *JCO clinical cancer informatics*
Deng, Z., Yin, K., Bao, Y., Armengol, V. D., Wang, C., Tiwari, A., Barzilay, R., Parmigiani, G., Braun, D., Hughes, K. S.
2019; 3: 1-9
- **Incidental atypical hyperplasia/LCIS in mammoplasty specimens and subsequent risk of breast cancer**
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- **Impacts of Tropical Cyclones and Accompanying Precipitation on Infectious Diarrhea in Cyclone Landing Areas of Zhejiang Province, China** *INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH*
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