

Qiong Chen

PhD, Associate Chief Physician

Curriculum Vitae

2025-12-25

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Summary

Education

PhD Degree in Epidemiology

School of Public Health, Shanxi Medical University, China

2015 - 2018

Master Degree in Epidemiology

School of Public Health, Lanzhou University, China

2008 - 2011

Bechelor Degree in Preventive Medicine

School of Public Health, Lanzhou University, China

2003 - 2008

Work experience

Associate Chief Physician (Cancer Epidemiology)

Henan Cancer Center / Affiliated Cancer Hospital of Zhengzhou University (Henan Cancer Hospital)

2021 - Now

Key responsibilities:

- Maintenance of the data collection information system and database for Population-Based Cancer Registration(PBCR) in Henan Province.
- Develop the annual PBCR implementation plan; provide technical support for data analysis, visualization, and reporting; deliver professional training to PBCR personnel in Henan Province; and conduct quality control of lower-level cancer registries.
- Conduct descriptive epidemiological research and evaluation of cancer screening effectiveness.
- Publish and deliver the Henan Provincial Cancer Registry Annual Report.

Attending Physician (Cancer Epidemiology)

Henan Cancer Center / Henan Cancer Hospital

2014 - 2021

Visiting Scholar (Cancer Epidemiology)

School of Public Health, Yale University

2012 - 2013

Physician (Epidemiology)

Henan Cancer Hospital

2011 - 2014

Society memberships

- Member of the Medical Institution Public Health Management Branch, Chinese Preventive Medicine Association
- Young Member, Cancer Screening and Early Detection & Treatment Committee, Chinese Anti-Cancer Association

- Member, Esophageal Cancer Integrated Prevention and Screening Committee, Chinese Anti-Cancer Association
- Standing Committee Member, Cancer Prevention and Control Professional Committee, Henan Preventive Medicine Association
- Member, Young Editorial Board, Chinese Journal of Cancer Prevention and Control

Publications

Books

Henan Cancer Registry Annual Reports (2018–2024)

Role: Oversaw data verification and quality control, conducted statistical analysis and visualization, drafted reports, and managed publication with the press.

2018 - 2024

1. Wengang Yi, Shaokai Zhang, Linqi Diao, Gaofeng Ma, Yanyan Liu, **Qiong Chen**, Shuzheng Liu, Yin Liu. Henan Cancer Report, 2024[M]. Zhengzhou: Henan Science and Technology Press, 2024.
2. Wengang Yi, Shaokai Zhang, Linqi Diao, Gaofeng Ma, Hongying Shi, **Qiong Chen**, Shuzheng Liu, Yin Liu. Henan Cancer Report, 2023[M]. Zhengzhou: Henan Science and Technology Press, 2023.
3. Jiangong Zhang, Shaokai Zhang, Wanshen Guo, Yibin Hao, Linqi Diao, Hongying Shi, **Qiong Chen**, Shuzheng Liu. Henan Cancer Report, 2022[M]. Zhengzhou: Henan Science and Technology Press, 2022.
4. Jiangong Zhang, Shaokai Zhang, Wanshen Guo, Yibin Hao, Linqi Diao, Suxia Luo, **Qiong Chen**, Shuzheng Liu. Henan Cancer Report, 2021[M]. Zhengzhou: Henan Science and Technology Press, 2021.
5. Jiangong Zhang, Shaokai Zhang, Linqi Diao, Wanshen Guo, Suxia Luo, **Qiong Chen**, Shuzheng Liu. Henan Cancer Report, 2020[M]. Zhengzhou: Henan Science and Technology Press, 2020.

Research Articles

First author articles

1. Chen, Q., Zheng, R., Liu, S., Liu, H., Liu, Y., Qie, R., & Zhang, S. (2025). Canregtools: a tool package for routine statistical analysis of Chinese population-based cancer registry data based on R language. *Chinese Journal of Oncology*, 47(11), 1074–1079. <https://doi.org/10.3760/cma.j.cn112152-20241226-00592>
2. Chen, Q., Zhang, M., Guo, L., Zheng, L., Liu, C., Wang, Y., Liu, Y., Wang, H., Xu, H., Kang, R., Wang, X., Liu, S., & Zhang, S. (2024). The 5-year relative survival rate among cancer patients in Henan province of China, 2015–2019. *Chinese Journal of Oncology*, 46(10), 954–960. <https://doi.org/10.3760/cma.j.cn112152-20231024-00237>
3. Chen, Q., Li, B., Liu, S., Xu, H., Yu, L., Zhang, L. G. L., Liu, Y., Wang, X., Sun, X., & Zhang, S. (2023). Influence of Endoscopic Screening on Gastric Cancer Cure Fraction. *China Cancer*, 32(1), 27–32. <https://doi.org/10.11735/j.issn.1004-0242.2023.01.A005>

Software

R packages

Population Based Cancer Registration (PBCR)

Several R packages were developed for PBCR, including *canregtools* (routine statistical analysis), *ltRISK* (lifetime cancer risk estimation), *crcheck* (internal consistency checks), and *crformats* (report formatting).

2023 - Now

1. Chen Q (2025). *ltRISK: Estimate the Lifetime Risk of Developing or Dying from Cancer*. R package version 0.1.0, <https://github.com/gigu003/ltrisk>.
2. Chen Q (2025). *crformats: Using Quarto Extensions Designed for Cancer Registry Reports*. R package version 0.1.0, <https://github.com/gigu003/crformats>.
3. Chen Q (2024). *crcheck: Checking the Validity and Internal Consistency*. R package version 0.0.1, <https://github.com/gigu003/crcheck>.
4. Chen Q (2023). *canregtools: Analyzing Population-Based Cancer Registry Data*. R package version 0.2.10, <https://github.com/gigu003/canregtools>.

Report writing

Packages developed to assist report writing, including *ggcanreg* (data visualization), *manuscript* (assist report writing).

2025 - Now

1. Chen Q (2025). *manuscript: Tools to Assist Statistical Report Writing*. R package version 0.0.0.9000, <https://github.com/gigu003/manuscript>.
2. Chen Q (2025). *ggcanreg: Visualization Tools for Cancer Registry Data*. R package version 0.0.0.9000, <https://github.com/gigu003/ggcanreg>.