Enoch Yi-Tung Chen

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Contact information

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Interests

Passionate about knitting, swimming, dessert making, cooking, and choral singing (as a tenor).

Education

Karolinska Institutet 2021 - September 2025
Department of Medical Epidemiology and Biostatistics
PhD in Biostatistics
PhD thesis: Extrapolating survival with applications to health technology assessment

Karolinska Institutet 2018 - 2020
MSc in Epidemiology
Thesis: Extrapolating cancer patient survival: a comparison of the flexible parametric model and the rolling-over algorithm
(Best Thesis of 2020, awarded by the Swedish Society for Medical Statistics)

National Taiwan University 2014 - 2018
BSc in Public Health (Honour Graduate)
Thesis: Correlational study of class suspension and school enterovirus epidemic in Taiwan, 2010-2015
(College Student Research Creativity Award, Ministry of Science and Technology, Taiwan)

Selected work

Statistics Consultant Sep 2019 - Mar 2020
Synergus Read-World Evidence, Sweden
Transferability studies in health technology assessment, focusing on stroke healthcare delivery in Sweden

Health Economics and Outcome Research Intern Jul - Aug 2019
Institute of Public Health, National Cheng Kung University, Taiwan
Estimating cancer patients' survival, cost and quality of life using Taiwan's National Healthcare data

Public Health Fieldwork Intern Jul 2017 - Aug 2018
Luke International Norway, Malawi
Sero-epidemiological study of dengue prevalence in Northern Malawi

Selected publications

1. **Chen EYT**, Dickman PW, Clements MS. A Multistate Model Incorporating Relative Survival Extrapolation and Mixed Time Scales for Health Technology Assessment. PharmacoEconomics. 2024; (Online, ahead of print).
2. **Chen EYT**, Dahlén T, Stenke L, Björkholm M, Hao S, Dickman P, Clements M. Loss in Overall and Quality-adjusted Life Expectancy for Chronic Phase Chronic Myeloid Leukemia Patients. European Journal of Haematology. 2025; 114(2), 334−342.
3. **Chen EYT**, Leontyeva Y, Lin CN, Wang JD, Clements MS, Dickman PW. Comparing Survival Extrapolation within All-Cause and Relative Survival Frameworks by Standard Parametric Models and Flexible Parametric Spline Models Using the Swedish Cancer Registry. Medical Decision Making. 2024; 44(3), 269−282.
4. Bairkdar M, **Chen EYT**, Dickman PW, Hesselstrand R, Westerlind H, Holmqvist M. Survival in Swedish patients with systemic sclerosis: a nationwide population-based matched cohort study. Rheumatology. 2023; 62(3).
5. **Chen EYT**, Sachs MC, Dickman PW. No evidence of substantial underreporting of COVID-19 deaths in Taiwan during 2020. J Formos Med Assoc. 2021 Sep; 120(9): 1788−1789.
6. **Chen EYT**. Extrapolating cancer patient survival: a comparison of the flexible parametric model and the rolling-over algorithm. Master thesis. Department of Global Public Health, Karolinska Institutet. 2020.

Ongoing projects

1. Economic Burden of Chronic Myeloid Leukemia in Sweden: 2020-2028
2. Bcr-Abl Tyrosine-Kinase Inhibitor Use and Risk of Neurodegenerative Disease: a Swedish Population-Based Cohort Study
3. Loss in Life Expectancy Does Not, by Default, Adjust for Imbalances in Confounder Distributions

Selected scholarships & awards

Taiwan Government Scholarship to Study Abroad, Ministry of Education	2021
Best Thesis of 2020, the Swedish Society for Medical Statistics	2020
Karolinska Institutet Foundation Scholarship	2019
Student scholarship, Alumni Association of National Taiwan University	2017
Student scholarship, Kung Pei Chen Preventive Medicine Foundation	2016