

Contact information

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Research interests

Survival analysis, cancer epidemiology, health economic modelling, health technology assessment

Education

Karolinska Institutet 2021 - Current

Department of Medical Epidemiology and Biostatistics

PhD in Medical Science (Biostatistics)

Project: Extrapolating survival with applications to health technology assessment

Karolinska Institutet 2018 - 2020

MSc in Public Health Sciences, 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

Research Assistant Jun 2020 - Mar 2021

Department of Medical Epidemiology and Biostatistics

Karolinska Institutet, Sweden

Project Intern Sep 2019 - Mar 2020

Synergus Read-World Evidence, Sweden

Transferability studies in health technology assessment, focusing on stroke healthcare delivery in Sweden.

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

Fieldwork Intern Jul 2017 - Aug 2018

Luke International Norway, Malawi

Sero-epidemiological study of dengue prevalence in Northern Malawi

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

Selected publications

1. **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 (OnlineFirst).
2. 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).
3. **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..
4. **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.