

CURRICULUM VITAE



1. NAME PONGDECH SARAKARN

2. DATE OF BIRTH 24/10/1968

3. NATIONALITY Thai

4. ADDRESS & CONTACT NUMBERS

- Department of Epidemiology and Biostatistics, Faculty of Public Health, Khon Kaen University
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5. ACADEMIC POSITIONS

- **Associate Professor** in Biostatistics

6. EDUCATION

- **Doctoral of Philosophy**, Global Health Program in Biostatistics, College of Public Health, National Taiwan University, **Taiwan**, 2013-2017
- **Master of Sciences (Applied Statistics)**, Faculty of Science, University of Chiang Mai, **Thailand**, 1994-1997
- **Bachelor of Sciences (Public Health)**, Faculty of Public Health, University of Mahidol, **Thailand**, 1988-1991

7. MEMBERSHIP IN PROFESSIONAL SOCIETIES

- Member of The Thai Statistical Association
- Member of The Data Management and Biostatistics Network (DMBN)

8. KEY QUALIFICATIONS

- Biostatistics
- Statistical Method in Community Diagnosis
- Research methodology
- Questionnaire design
- Data processing and data analysis
- Health Assessment
- Longitudinal data analysis
- Alcohol consumptions
- Cancer screening
- Model Analysis for Health Predictor
- Computer skills: Word processing, STATA, Epi Info, SPSS, EndNote, Excel, Access and PowerPoint.

9. EMPLOYMENT RECORD

- From: August, 2016** **TO: Present**
Position Associate Professor in Biostatistics
Organization Department of Epidemiology and Biostatistics, Faculty of Public Health,
University of Khon Kaen, Khon Kaen province, Thailand
- From: September, 2007** **TO: August, 2016**
Position Assistant Professor in Biostatistics
Organization Department of Epidemiology and Biostatistics, Faculty of Public Health,
University of Khon Kaen, Khon Kaen province, Thailand
- From: May, 2002** **TO: September, 2007**
Position Lecturer in Biostatistics
Organization Department of Epidemiology and Biostatistics, Faculty of Public Health,
University of Khon Kaen, Khon Kaen province, Thailand
- From: April, 1998** **TO: April, 2002**
Position Lecturer in Mathematics and Statistics
Organization Department of Mathematics and Statistics, Faculty of Science and
Technology, University of Rajabhat Loei, Loei province, Thailand
- From: December, 1997** **TO: March, 1998**
Position Senior Project Development Officer
Organization AIDS Network Development Project (North East), Ubon Ratchathani
province, Thailand
- From: May, 1993** **TO: November, 1997**
Position Resource Centre Officer
Organization Thai-Australia Northern AIDS Prevention and Care Programme(NAPAC),
Chiang Mai province, Thailand
- From: May, 1992** **TO: April, 1993**
Position Computer Data Analyst
Organization HIV/AIDS Collaboration Centre, Nonthaburi province, Thailand
- From: June, 1991** **TO: April, 1992**
Position Monitoring and Evaluation Officer
Organization Songkhla AIDS Prevention and Control Project, Songkhla province, Thailand

From: March, 1991 **TO:** May, 1991
Position Research Assistant
Organization Ministry of Public Health, Bangkok, Thailand

10. PUBLICATION

- Text book:**
1. *Sarakarn P.* **Data Analytical Method with STATA 10.** 2011.
 2. *Sarakarn P.* **Searching and Resource Management in Medical Science and Health Science.** 2007.
 3. *Sarakarn P.* **Statistical Method Application in Community Diagnosis.** 2006.
 4. *Sarakarn P.* **Epi Info for Windows.** 2005.
- Research:**
(2005-present)
1. *Srichuen R., Suggarawetsiri P., Sarakarn P.* **Risk Factors of Malaria Infection in Thai-Myanmar Border:Ranong Province.** Journal of Disease Control, 2005;31(3): 294-299.
 2. *Nasomyon P., Suggarawetsiri P., Sarakarn P.* **Tuberculosis Prevention among Household Contacts of Pulmonary Tuberculosis Patients in Khon Kaen Province, Thailand.** Journal of The Office of DPC 6 Khon Kaen, 2006;13(4):45-57.
 3. *Sudjanham W., Suggarawetsiri P., Muangsom N., Sarakarn P.* **Risk Factors for Leptospirosis in Khon Kaen.** Journal of The Office of DPC 6 Khon Kaen, 2006; 14(1):67-70.
 4. *Saithong T., Muktabhant B., Sarakarn P.* **Factors Affecting Dental Caries Preventive Behaviors among School Children Grade 5 and 6 in Tambon Watthana Nakhon, Amphoe Watthana Nakhon, Changwat Sa Kaeo.** Journal of Health Science, 2008;17:485-95.
 5. *Sarakarn P.* **Factors Related to Achievement in Biostatistics among Nursing Students in Khon Kaen University.** Journal of KKU Research, 2007;12(2):183-193.
 6. *Suttisa A., Suggarawetsiri P., Sarakarn P.* **Quality of Tuberculosis Surveillance System in Maha Sarakham Province, 2003-2004.** Journal of Health Science, 2007; 16:275-83.
 7. *Kiatchoosakun S., Wongvipaporn C., Buakhamsri A., Sanguanwong S., Moleerergpoom W., Sarakarn P., Silaruks S. and Tatsanavivat P.* **Predictors of In-Hospital Mortality in Non-ST Elevation Acute Coronary Syndrome in Thai Acute Coronary Syndrome Registry (TACSR).**J Med Assoc Thai, 2007; 90 (Suppl.1):41-50.
 8. *Hutayanon P., Sarakarn P., Buakhamsri A., Boonsom W. and Yamwong S.* **The Effect of the Public or Private Status of Health Care Facility in Acute Coronary Syndrome : Data from Thai ACS Registry.**J Med Assoc Thai, 2007; 90 (Suppl.1): 98-108.
 9. *Choonhakarn C., Busaracome P., Sripanidkulchai B., Sarakarn P.* **The efficacy of aloe vera gel in the treatment of oral lichen planus: a randomized controlled trial.** British Journal of Dermatology, 2008; 158(3):573-577.
 10. *Thaewnongiew K., Promthet S., Nilvarangkul K., Rangsin R., Phitak P., Sarakarn P.* **The Surveillance System in Health Centers in Northeastern Thailand.** Jpn. J. Infect. Dis., 2009; 62:444-449.
 11. *Sarakarn P., Kammanat Y.* **Alcohol Consumption Behavior and Husbands' Violent Acts Against Their Wives.** Journal of Health System Research, 2009;3(4):589-597.
 12. *Choonhakarn C., Busaracome P., Sripanidkulchai B., Sarakarn P.* **A prospective, randomized clinical trial comparing topical aloe vera with 0.1% triamcinolone acetonide in mild to moderate plaque psoriasis.** Journal of the European Academy of Dermatology and Venereology, 2010; 24:168-172.
 13. *Muktabhant B., Sanchaisuriya P., Sarakarn P., Tawityanon W., Trakulwong M., Worawat S. and Schelp F.P.* **Use of glucometer and fasting blood glucose as screening tools for diabetes mellitus type 2 and glycated haemoglobin as clinical reference in rural community primary care settings of a middle income country.** BMC Public Health, 2012;12:349.

14. Nuntiput Putthanachote, Songsith Homkrai, Amphaipun Homkrai, Supoth Lamee, Siriporn Wonglakorn, Tidarat Suttiraksa, and Pongdech Sarakarn. **Medical Procedures and Klebsella pneumoniae Extended-Spectrum β -Lactamases Infection among Patients in Intensive Care Unit.** J Prapokklao Hosp Clin Med Educat Center, Vol.33 No.3 (Jul. - Sep. 2016): 186-195.
15. Sarakarn P, Suwanrungruang K, Vatanasapt P, et al (2017). Joinpoint analysis trends in the incidence of colorectal cancer in Khon Kaen, Thailand (1989 – 2012). *Asian Pac J Cancer Prev*, **18**, 1039-43.
16. Sarakarn P, Promthet S, Vatanasapt P, et al (2017). Preliminary Results: Colorectal Cancer Screening Using Fecal Immunochemical Test (FIT) in a Thai Population Aged 45-74 Years: A Population-Based Randomized Controlled Trial. *Asian Pacific Journal of Cancer Prevention*, **18**, 2883-2889.
17. Pramual, P., Sarakarn, P., Kamsa-ard, S., Jirapornkul, C., Maneenin, N., Thavondunstid, P., Juntarach, P., Promthet, S. (2018). Lack of Association between Red Meat Consumption and a Positive Fecal Immunochemical Colorectal Cancer Screening Test in Khon Kaen, Thailand: a Population- Based Randomized Controlled Trial. *Asian Pacific Journal of Cancer Prevention*, 19(1), 271-278. doi: 10.22034/APJCP.2018.19.1.271

Article:

1. Chirawatkul A., Laopaiboon M., Khiewyoo J., Thavornpitak Y., Thepsuthamarat K., Sarakarn P., Rayubkul J., Pattanittum P., Ngamjarus C., Kumsaard S. **Statistical Glossary for Reading Comprehension of Research Articles : Part I.** Journal of Health Science, 2007;16(2):318-324.
2. Chirawatkul A., Laopaiboon M., Khiewyoo J., Thavornpitak Y., Thepsuthamarat K., Sarakarn P., Rayubkul J., Pattanittum P., Ngamjarus C., Kumsaard S. **Statistical Glossary for Reading Comprehension of Research Articles : Part II .** Journal of Health Science, 2007;16 (Suppl.):161-167.
3. Sarakarn P. **Is Yates Continuity Correction Necessary for Chi-Square.** Data Management and Biostatistics Network Journal, 2005;1(1):13-17.
4. Saetan O., Sarakarn P. **Analysis of 2x2 Crossover Design with Continuous Data.** Data Management and Biostatistics Network Journal, 2006;2(2):27-35.

11. AWARDS

1. **(2010) :** “2nd Excellent Research of The National Research Council of Thailand”.
Title “The Efficacy of Aloe Vera Gel in the Treatment of Oral Lichen Planus”
(Co-Author)
2. **(2010) :** “2nd Excellent Community Textbook of Khon Kaen University”.
Title “Statistical Method Application in Community Diagnosis”