

## **CURRICULUM VITAE**

Assistant Professor of Biostatistics

Deputy Dean for Plan and Organization Development

Faculty of Public Health, Mahidol University

### **ADDRESS**

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Bangkok 10400, Thailand

### **EMPLOYMENT**

(1994 - present)

Assistant Professor of Biostatistics

Mahidol University, Bangkok, Thailand

(1985 - 1994)

Registered Nurse

Ramathibodi Hospital, Bangkok, Thailand

### **EDUCATION**

2004 - 2009 Sc.D. (Biostatistics), Tulane University, New Orleans, LA, USA.

1999 - 2001 M.Sc. (Epidemiology), University of the Philippines Manila,  
Manila, Philippines

1990 - 1994 M.Sc. (Biostatistics), Mahidol University, Bangkok, Thailand

1981 - 1985 B.Sc. (Nursing and Midwifery), Mahidol University, Bangkok, Thailand

### **RESEARCH INTERESTS**

- Multilevel and longitudinal data analysis,
- Survival data analysis
- Categorical data analysis
- Tobacco use cessation

## **TEACHING EXPERIENCE**

### **1. Mahidol University**

#### **Teaching students in master's degree programs**

- PHBS500 Introduction to Statistical Analysis
- PHBS654 Advanced Biostatistics in Health Sciences
- PHBS622 Categorical Data Analysis
- PHBS651 Computer Applications in Health Science Research
- GRID603 Biostatistics B

#### **Teaching students in doctor's degree programs (International program)**

- PHBS654 Advanced Biostatistics in Health Sciences

### **2. Chulalongkorn University**

- NS3647840 Advance Statistics for Nursing Research

### **3. Thammasat University**

- NS814 Advanced Research in Nursing

### **4. Siam University**

- Research Methodology (Undergraduate Course)

## **INVITED LECTURER**

- Invited lecturer in seminar "Using Computer for Data Analysis" at Food and Drug Administration, Ministry of Public Health
- Invited lecturer in seminar "Statistics and Research" at Department of Medical Sciences, Ministry of Public Health

## **PROFESSIONAL EXPERIENCE AND SERVICES**

### **Reviewing**

#### *Peer-Reviewed Journals*

- Journal of Health Research Policy and Systems (2011 - present)
- Journal of Public Health (2010 - present)

### **Mahidol University**

#### *Faculty-Level Services*

- Master's Degree Program for Faculty of Public Health Committee (2010 - present)
- Administrative and Development for Routine-to-Research Committee (2012 - present)
- Research Clinic Committee (2010 - present)

- Provides consulting on biostatistical issues related to research design, sample size calculation and power analysis, using statistical package, data management, data analysis and data interpretation of health information.
- Research Unit of Faculty of Public Health Committee (2010 - present)

### ***Biostatistics Department Services***

- Head of the department of Biostatistics (2014 - present)
- Director of the Master's Program in Biostatistics (2010 - present)
- Academic Program Committee (2010 - present)
- Academic Advising (2010 - present)
  - Number of advisees (major advisor) 2-3 students per year
  - Number of advisees (co-advisor) 5-10 students per year

### **Computing**

- Computing Platforms: Windows
- Programming Languages: R, SAS
- Statistical Software: SPSS, R, SAS , STATA, EpiData

## **PUBLICATIONS**

1. **Chansatitporn, N.,** and Pobkeeree V. *Leadership and Quality Management Measurement Models: An Empirical Study*. International Journal of Health Care Quality Assurance. (in press)
2. **Chansatitporn N.,** Pobkeeree V., Nongkhai S.N., Sangkijporn S., *Factors affecting quality management at the Thai national institute of health*. International Journal of Health Care Quality Assurance. 2019; 32(4): 739-751.  
Article URL: <https://doi.org/10.1108/IJHCQA-05-2018-0107>
3. Ashraful A M, Chamroonsawasdi K , **Chansatitporn N,** Munsawaengsub C, Islam S. *Regional variations of fertility control behavior among rural reproductive women in Bangladesh: A hierarchical analysis*: Journal of Behavioral Sciences. 2018; 8(68): 1-12.  
<https://doi.org/10.3390/bs8080068>

4. Jantacumma N, Powwattana A, Lagampan S, Chansatitporn N. *Predictive Model of Quality of Life among Thai Pregnant Teenagers*. The Pacific Rim International Journal of Nursing Research 2018; Jan.-Mar.; 22 (1) :30-42
5. Prokhorov AV, Khalil GE, Foster DW, Marani SK, Guindani M, Espada JP, González MT, Idrisov B, Galimov A, Arora M, Tewari A, Isralowitz R, Lapvongwatana P, **Chansatitporn N**, Chen X, Zheng H, Sussman S. *Testing the nicotine dependence measure mFTQ for adolescent smokers: A multinational investigation*. Am J Addict. 2017 Oct; 26(7): 689-696
6. สุขคนธา คงศีล, สุขุม เจียมตน, เพ็ญพักตร์ อุทิศ, **ณัฐกมล ชาญสาธิตพร**, มจรุส ทิพยมงคลกุล, นุชวรรณ บุญเรืองกิตตินันท์ และคณะ *การประเมินระบบการเฝ้าระวังพฤติกรรมที่สัมพันธ์กับการติดเชื้อเอชไอวีในประชากรกลุ่มเป้าหมายต่างๆ* วารสารวิชาการสาธารณสุข 2560: (26) กค.- สค. s26-s36
7. ตะวันรัตน์ สกฤษ์จรัส ชื่นฤดี คงศักดิ์ตระกูล อนันนิตย์ วิสุทธิพันธ์ **ณัฐกมล ชาญสาธิตพร** *ความรู้และทัศนคติเกี่ยวกับโรคลมชักของพยาบาลที่ดูแลผู้ป่วยเด็กในโรงพยาบาลระดับตติยภูมิและตติยภูมิ ในประเทศไทย* วารสารพยาบาลทหารบก 2560: (18) ฉบับพิเศษ พค.-สค. s131-139.
8. Waiyarat C, Tadadej C, **Chansatitporn N**, Musikatavorn K. *Emergency Room Observation Unit reduces Emergency Department length of Stay among Non High Risk Heart Failure Patients*. Journal of Public Health, 2017; 47(1): 15-17.
9. Sirichuanjun K , **Chansatitporn N**, Boonshuya C , Pacheun O *Academic Acculturation Among International Graduate Students at Mahidol University*. International Journal of Learning and Teaching. 2017; 3(4): 295-299.
10. Yar Z, Naksawat K, **Chansatitporn N**. *Oral Health of Myanmar Migrants along the Thai border in Mae Sot District, Tak Province, Thailand*. Asia Journal of Public Health, 2016; Jan-Jun, 7 (1): 29-33.
11. อัญชลี โตเอี่ยม ปัญญรัตน์ ลากวงศ์วัฒนา **ณัฐกมล ชาญสาธิตพร** กนิษฐา จำรูญสวัสดิ์ *ปัจจัยทำนายการเสพแอมเฟตามีนของเยาวชนในชุมชนแออัด* วารสารสภากาชาดไทย 2559: 9(2 ): 88-103
12. **Chansatitporn N**, Charoenca N, Sidhu A, Lapvongwatana,P, Kungskulniti N, Sussman S. *Three-month effects of Project EX: A smoking intervention pilot program with Thai adolescents*. Addictive Behaviors. 2016; 61: 20-24.  
Article URL: <http://dx.doi.org/10.1016/j.addbeh.2016.05.003>
13. Bhoomboonchoo P., Nisalak A., **Chansatitporn N.**, Yoon I., Kalayanaroop S., Thipayamongkolgul M., Endy T., Rothman A.L., harone Green S., Srikiatkachorn A., Buddhari D., Mammen M.P. and Gibbons R.V.. *Sequential dengue virus infections*

- detected in active and passive surveillance programs in Thailand, 1994–2010.* BMC Public Health 2015;15:250
14. Bhooniboonchoo P, Gibbon R.V., Huang A., Yoon I., Darunee Buddhari D., Nisalak A., **Chansatitporn N.**, Thipayamongkolgul M., Kalanarooj S., Endy T., Rothman A.L., Srikatkhachorn A., Green S., Mammen M. P., Cummings,henrik D.A. Salje H. *The Spatial Dynammic of Dengue Virus in Kamphaengphet, Thailand.* PLOS Neglected Tropical Diseases, 2014; 8(9): e3138
  15. Jareruttanarungruang T., **Chansatitporn N.**, Boonshuya C., Vatanasomboon P. Time series analysis of air quality index in Bangkok. HCU Journal 2014;18 (36): 19-33.
  16. Sirachainan N, Iamsirirak P, Charoenkwan P, Kadegasem P, Wongwerawattanakoon P, Sasanakul W, **Chansatitporn N**, Chuansumrit A. *New mathematical formula for differentiating thalassemia trait and iron deficiency anemia in thalassemia prevalent area: A study in healthy school-age children.* Southeast Asian J Trop Med Public Health, 2014;45:174-182.
  17. Acharya J., **Chansatitporn N.**, Narksawat K. *Dental Carries Status And Oral Health Needs among Disabled Children Living In Care Centers In Nepal.* Webmed Central. Published on: 06-Feb-2014, Article URL: [http://www.webmedcentral.com/article\\_view/4539](http://www.webmedcentral.com/article_view/4539).
  18. Phyo Z. A., **Chansatitporn N.**, Narksawat K.. Dental caries status and oral hygiene habits among secondary school children aged 12-13 years old in Yangon region, Myanmar. Southeast Asian J Trop Med Public Health. 2013 Nov; 44(6): 1108-14
  19. Narksawat K., **Chansatitporn N.**, Panket P; Hangsantea J. *Screening High-risk Population for Hypertension and Type 2 Diabetes among Thais.* WHO South-East Asia Journal of Public Health. Jul-Sep 2012; 320-329.
  20. Deesawat C., Boonshuyar C., **Chansatitporn N.**, Viatwongkasem C., Lukkana Termsirikulchai L, *A Mutilevel Study of Smoking among Youths in School at Buriram Province.* J Med Assoc Thai. Jun. 2012; 95 (Suppl.6): S78-S86.
  21. Bangkadanara G., Arporn S., Kaewboonchoo O., **Chansatitporn N.**, *The Relationship between General Characterictics and Work Ability in Chemical Truck Drivers* Journal of Nursing Science & Health 2012; 35(2): 62-71.
  22. Isaranurug S., Auewattana P., **Chansatitporn N.**, Wong-arsa C., *Violence against children by parents.* J Med Assoc Thai. 2002; 85: 875-88.
  23. **Chansatitporn N.**, Wong-arsa. C., Isaranurug S. *Family relation, peer acceptance and self-esteem among early adolescents.* J Public Health. 2002; 32 (2): 129-139.

24. Isaranurug S., Klunklin S., Wong-arsa C., **Chansatitporn N.**, Charupoolphol P., Kaewsiri D. *Health and nutritional status of children 6 to 12 Years Old in One Congested Area of Bangkok*. Chula Med J. 2000; 44(2): 93-105.
25. Isaranurug S., Rojanapran N., Womg-arsa C., **Chansatitporn N.** *Parenting style, Family relationship and self-esteem among adolescents Aranyaprathet district, Sakaeo province*. Thai J Pediatr. 2000; 39: 28-39.
26. Kongsin S., Boonthum A., **Chansatitporn N.**, Chareonkul C., Pradipasen M. *Cost analysis for production on master of public health graduated students, faculty of public health, Mahidol university, academic year 1996*. J Public Health. 2000; 30(2): 109-119.
27. Sutapreyasri D., **Chansatitporn N.**, Charupoolphol P., Wattanachote A., Charuntornsri A., Vajrajote P. *Evaluation of drug-abuse treatment based on the continuous quality improvement concept*. J Med Assoc Thai. 1999; 82(5): 484-490.
28. Termsirikulchai L., Vatanasomboon P., Suwan P., **Chansatitporn N.** *Alcohol drinking behavior and related factors among youth in Thailand*. J Health Policy and Plan Thai. 1999; 2(4): 44-60.
29. Charupoonpol P., Sutapreyasri D., **Chansatitporn N.** Seesilapachai P. *Expectation and satisfaction of patients perceived from drug-addict clinic*. J Nurs. 1997; 15(4): 72-78.
30. Viwatwingkasem C., **Chansatitporn N.** *A causal model of the socio-economic and health service factors affecting life expectancy in Thailand*. Thai J Epidemiol. 1996; 4(1): 39-45.
31. Na Ayuthaya Rs., **Chansatitporn N.** *The impact of human resources toward national development: Part 2*. J Public Health 1996; 26(2):118-129.