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**Work experience**

<b>Assistant Professor</b>	<b>2016 – Present</b>
Institute for Population and Social Research, Mahidol University	
<b>Deputy Director for Academic Affairs</b>	<b>2016 – 2020</b>
Institute for Population and Social Research, Mahidol University	
<b>Lecturer</b>	<b>2011 - 2015</b>
Institute for Population and Social Research, Mahidol University	

***Teaching***

*Graduate courses*

- Demographic Epidemiology (International Program)
- Statistics for Social Analysis (International Program)
- Monitoring and Evaluation of Population and Reproductive Health Programs (International Program)
- Seminar on Sexual Reproductive Health (International Program)
- Statistics and Computer for Social Sciences I (Thai Program)
- Statistics for Social Science Research (Thai Program)
- Evaluative Research (Thai Program)
- Policy and Program Monitor and Evaluation (Thai Program)

*International and Regional Workshops*

- Impact Evaluation of Population, Health and Nutrition Programs
- Burden of Disease and Cost-Effectiveness Analysis
- Monitoring and Evaluation of Health Programs
- Monitoring and Evaluation of HIV/AIDS Programs
- Monitoring and Evaluation of Population, Health and Nutrition Programs
- Researching Violence against Women in Southeast Asia and the Pacific

***Research***

- Estimating the potential health impact of taxing sugar-sweetened drinks in Thailand

- Cost-Effectiveness Analysis of Child Overweight Obesity Interventions in Thailand
- Research and Development on Action Plan for National Policy Implementations and Strategies for Family Institutional Development 2017-2021
- When Thai Family Matters to Well-Being of Children and Youth : Adaptation and National Application of Thai Family Matters Program
- Status and Determinants of Health Practitioners’ Engagement in Promoting Co-Benefits between Population Health and Environmental Sustainability: A Case Study from Thailand
- The Synthesis of Operational and Studying Results about Krabi Power Plant Expansion and Ban Klong Rua Seaport Project of Krabi Province
- Evaluation of “Aligning Care and Comprehensive HIV-Prevention among Youth, MARPs, Children infected and affected by HIV/AIDS and other vulnerable children by Promoting Integrated Outreach and Networking with Government Decentralization to Achieve Coverage and Impact (ACHIEVED)” Project Round SSF Fiscal Year 2014
- The Worst Forms of Child Labour in Thailand: Monitoring and Evaluation of the National Policy and Plan to Eliminate the Worst Forms of Child Labour (Fiscal Year 2012-2014)
- “Mahidol Model” Prevention and Solution for Teenage Pregnancy
- Evaluation of Social Movement of the National Progress Index Planning
- Demographic, Socioeconomic, Cultural Surveillance and Long Term Care for the Well-Being of Thai Elderly
- Costs of Staying Legal for Migrant Workers in Thailand
- Tuberculosis Burden in Thai Elderly during 2003-2009
- Burden of Disease due to Tuberculosis in Thai Population: Present and Future

**Researcher**

**2004 - 2009**

Setting Priorities using Information on Cost-Effectiveness (SPICE): Informing Policy Choices and Health System Reform in Thailand

**Lecturer**

**2000 - 2010**

Department of Biostatistics, Faculty of Public Health, Mahidol University

**Publications**

*Journals*

- Timilsina K, Sawangdee Y, **Hunchangsith P**, Rittirong J. Female labor force participation, paid maternity, caste system and under-5 mortality in Nepal. J Health Res. 2019; 33(1): 57-67.

- Volker M, **Hunchangsith P**. Drivers of Physicians' Engagement in Addressing Eco-health Problems. *EcoHealth*. 2018; 15(4): 853-863.
- Kyaw AT, Sawangdee Y, **Hunchangsith P**, Pattaravanich U. Survival rate and socio-demographic determinants of mortality in adult HIV/AIDS patients on ART in Myanmar: a registry based retrospective cohort study 2005-2015. *J Health Res*. 2017; 31(4): 323-331.
- Ko Ko M, Sawangdee Y, Gray R, **Hunchangsith P**. Ecological analysis of community-level socioeconomic determinants of infant and under-five mortality in Myanmar: an analysis of the 2014 Myanmar population and housing census. *J Health Res*. 2017; 31(1): 57-68.
- Sirirassamee T, **Hunchangsith P**. Children's eating behavior questionnaire: Factorial validation and differences in sex and educational level in Thai school-age children. *Southeast Asian J Trop Med Public Health*. 2016; 47(6): 1325-1334.
- Haque Md.-N, Soonthorndhada K, **Hunchangsith P**, Kanchanachitra M. Active ageing level in Thailand: a comparison between female and male elderly. *J Health Res*. 2016; 30(2): 99-107.
- **Hunchangsith P**, Thianlai K. Risk behaviors of HIV infection and factors associated with condom use among teenagers. *J Public Health*. 2015; 45(3): 272-284.
- **Hunchangsith P**, Barendregt J, Vos T, Bertram M. Cost-effectiveness of various tuberculosis control strategies in Thailand. *Value in Health*. 2012; 15(1 SUPPL.):S50-S55.
- Buapetch A, Kalampakom S, **Hunchangsith P**. Stress management skills of industrial female workers and its related factors: a case study of the medical-glove industry in Songkhla province. *Songklanagarind Medical Journal*. 2005; 23(6): 413-422.
- Tran PN, Siripanichgon K, Suwannapong N, **Hunchangsith P**. Tuberculosis prevention for household contacts of tuberculosis patients in Quangnam province, Vietnam. *J Public Health*. 2005; 35(1): 43-55.
- Singhakajen S, Buayam T, **Hunchangsith P**. Health professional's point of view toward law regulation concerning AIDS control and prevention. *Journal Law for Life*. 2002; 1(2): 68-87.

### *Conference Proceedings*

- Ruchirongnangkoon N, Phuengsamran D and **Hunchangsith P**. Sexual Behavior of Men Having Sex with Men and Their Patterns of Gathering at Volleyball-playing Hot Spots in Bangkok, The 11<sup>th</sup> International Graduate Students Conference on Population and Public Health Sciences Proceeding. 2020. 111-119.
- Thu K.M, **Hunchangsith P** and Payakkaraung S. Factors Influencing Early Initiation of Breastfeeding Practice in Myanmar: The Analysis of Myanmar Demographic

- Health Survey (2015-2016), The 11<sup>th</sup> International Graduate Students Conference on Population and Public Health Sciences Proceeding. 2020. 240-251.
- Hawangchu D and **Hunchangsith P**. Action research: Strengthen network capacity for the development of the Thai family institution. In *The reflection of Thai Families to Society*. Edited by Rittirong J, Chuanwan S, Pulkerd S and Sujaritpong S. IPSR Publication number: 2019. 486.
  - Khaing A.T, Pulkerd S, Soonthorndhada A, Mon A and **Hunchangsith P**. Factors Influencing Delivery by Skilled Birth Attendants and Postnatal Health Check among Mothers in Hlaing-Tharyar Township, Myanmar. Proceedings of International Conference on Applied Science and Health. 2019. 988-1000.
  - Ly S, Voelker M and **Hunchangsith P**. Correlates of HIV Knowledge and Risk Behavior among Reproductive Age Women in Cambodia. The 10<sup>th</sup> International Graduate Students Conference on Population and Public Health Sciences Proceeding. 2019. 208-215.
  - **Hunchangsith P**. Tuberculosis burden among the Thai elderly during 2003-2009. INT J TUBERC LUNG DIS. 2014; 18(11s): S473. The 45<sup>th</sup> World Conference on Lung Health of the International Union Against Tuberculosis and Lung Disease. 2014. Barcelona, Spain.
  - **Hunchangsith P** and Sakulsri T. Risk factors influencing teenage pregnancy: A qualitative study. In *Birth and Security in Population and Society*. Edited by Vorasiriamorn Y, Rittirong J, Chuanwan S and Hunchangsith P. 2014. IPSR Publication number: 434.
  - Quang NN, Boonshuyar C, **Hanchangsith P**. Utilization of commune health center service in Chi Lang district, Langson province, Vietnam. The 36<sup>th</sup> Conference of the Asia-Pacific Academic Consortium for Public Health (APACPH). 2004. Brisbane, Australia; 2004. p. 99.

### **Conferences**

- **Hunchangsith P**. Factors Influencing Having Sex among Thai Youths. The 4<sup>th</sup> Asian Population Association Conference. 2018. Shanghai, China.
- **Hunchangsith P**. Burden of tuberculosis among Thai population, 2003-2009. The 3<sup>rd</sup> Asian Population Association Conference. 2015. Kuala Lumpur, Malaysia.
- **Hunchangsith P**, Barendregt J, Vos T, Bertram M. Cost-effectiveness of different strategies for tuberculosis control programmes in Thailand. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 4<sup>th</sup> Asia-Pacific Conference. September 2010. Phuket, Thailand.
- **Hunchangsith P**, Barendregt J, Vos T, Bertram M. Phoned reminder and self-administered treatment for tuberculosis control in Thailand: cost-effectiveness. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 4<sup>th</sup> Asia-Pacific Conference. September 2010. Phuket, Thailand.

## **Research Interests**

- Burden of disease and cost-effectiveness analysis
- Epidemiological and economic modelling
- Monitoring and evaluation of health programs
- Population health
- Tuberculosis and HIV/AIDS
- Teenage pregnancy

## **Education**

### **Doctor of Philosophy, 2012**

*(Public Health)*

The University of Queensland, Australia

Thesis title: *“Cost-effectiveness of different Directly Observed Treatment (DOT) strategies for tuberculosis control programmes in Thailand”*

### **Master of Science, 1998**

*(Biostatistics)*

Mahidol University, Thailand

Thesis title: *“Factors related to the attitude Thai family in junior high school”*

Statistical methods used: Factor analysis and multiple regression.

### **Bachelor of Science, 1995**

*(Statistics)*

Burapha University, Thailand

## **Scholarships and awards**

### **University of Queensland International Scholarship, 2010 – 2011**

Tuition fee for PhD study

### **SPICE project, 2007 – 2010**

Full scholarship for PhD study

### **Office of the National Culture Commission, Thailand 1997 - 1998**

Master of Science research support