

กนิษฐา จำรูญสวัสดิ์

Dr.Kanittha Chamroonsawasdi

ตำแหน่ง: รองศาสตราจารย์

Position: Associate Professor

Email: kanittha.cha@mahidol.ac.th; Line-ID: Ong Kanittha

Office: (668)-2-354-8536, M-phone: (668)-1-651-1353

Education

Degree	Major (Area)	Institution
Ph.D.	Social Science and Public Health	Faculty of Social Science and Humanities, Mahidol University, Thailand
M.Sc.	Epidemiology	Faculty of Medicine, Siriraj Hospital, Mahidol University, Thailand
B.Sc.	Nursing and Midwifery	Faculty of Nursing, Chiangmai University, Thailand

Area of Interests

1. Adolescent health promotion, teenage pregnancy prevention
2. Safe motherhood, MCH
3. Health policy evaluation
4. NCDs and lifestyle modification

Publications

1. **Kanittha Chamroonsawasdi**, Jarueyporn Suparb, Wirin Kittipichai, Piyathida Kajornchaikul , Gender role, physical and sexual violence prevention among primary extend to secondary school students in Samutsakorn Province, Thailand. *J Med Assoc Thai* 2010; 93(3):358-365.
2. **Kanittha Chamroonsawasdi**, Jarueyporn Suparb, Wirin Kittipichai, Piyathida Kajornchaikul. Communication skills to prevent physical and sexual violence among Primary extend to secondary school students, Samutsakorn Province. *J. Pub Health and Develop* 2010, 7(1): Jan-April.
3. Kyaw Min, Surasak Taneepanichskul, **Kanittha Chamroonsawasdi**, Ratana Somrongthong, Damrong Reinprayoon. The model development of participatory education on adolescent reproductive life (PEARL) programme to prevent unintended pregnancy among Myanmar migrant adolescent and youth in Samut Sakorn province, Thailand: Situational analysis. *J of Med and Med Sci* 2011 2(3):734-470. (Corresponding author)
4. Kyaw Min, Surasak Taneepanichskul, **Kanittha Chamroonsawasdi**, Ratana Somrongthong, Damrong Reinprayoon. The model development of participatory education on adolescent reproductive life (PEARL) programme to prevent unintended pregnancy among Myanmar migrant adolescent and youth in Samut Sakorn province, Thailand: Immediate outcome analysis. *J Med and Med Sci* 2011 2(4). (Corresponding author)
5. **Kanittha Chamroonsawasdi**, Nittaya Insri, Supachai Pitikultang. Predictive factors of Antiretroviral (ARV) drug adherence among people living with HIV/AIDS attending at Taksin hospital, Bangkok, Thailand. *J Med Assoc Thai* 2011:94(7):775-781.
6. Suphawadee Panthumas, Wirin Kittipichai, Supachai Pitikultung, **Kanittha Chamroonsawasdi**. Self-care behaviors among Thai Primigravida teenagers. *Glob J of H Sci* 2012:4(3):139-147.
7. Kyaw Min, **Kanittha Chamroonsawasdi**, Surasak Taneepanichskul, Ratana Somrongthong, Damrong Reinprayoon. The model development of participatory education on adolescent reproductive life (PEARL) programme to prevent unintended pregnancy among Myanmar migrant adolescent and youth in Samut Sakorn province, Thailand: Intermediate outcome analysis. *J Med and Med Sci*, 2012: 2(5).
8. **Kanittha Chamroonsawasdi**, Sukontha Kongsin, Suwat Srisorrachatr, Nutchawan Boonreung, Sittikorn Rongsumlee. Monitoring and Evaluation of a model development project and

strategic campaign on HIV/AIDS prevention among Muslim communities in Thailand. *J AIDS Clin Res.* 2014; 5(12):5-12.

9. **Kanittha Chamroonsawasdi**, Malar Soe, Phitaya Charupoonphol, Suwat Srisorrachatr. Rate of Utilization of Skilled Birth Attendant (SBA) and the Influencing Factors in an Urban Myanmar Population. *Asia Pac J Public Health* 2015;25(5):521-530.
10. Vikas Sharma, **Kanittha Chamroonsawasdi**, Suwat Srisorrachatr. Rate of adherence to and factors associated with methadone maintenance treatment program (MMTP) compliance among injecting drug use patients in Nepal. *Southeast Asian J Trop Med Public Health* 2016;47(2):278-298. (Corresponding author)
11. **Kanittha Chamroonsawasdi**, Suthat Chottanapund, Pravich Tunyasitthisundhorn, Nawaphan Phokaewsuksa, Tassanee Ruksujarit and Pawarat Phasuksathaporn. Development and Validation of a Questionnaire to Assess Knowledge, Threat and Coping Appraisal, and Intention to Practice Healthy Behaviors Related to Non- Communicable Diseases in the Thai Population. *Behav Sci J* 2017;20:1-10. [doi:10.3390/bs7020020](https://doi.org/10.3390/bs7020020).
12. **Kanittha Chamroonsawasdi**, Sudarat Promsart, Wirin Kittipichai, Korravarn Yodmai, Sasidhorn Rujanavej. Preventive behavior of HIV transmission among young men having sex with men (YMSM) working in entertainment places of Chonburi province, Thailand. *KnE Life Sciences* 2017.
13. Rian Adi Pamungkas, **Kanittha Chamroonsawasdi**, Paranee Vatanasomboon. A systematic review: Family support integrated with diabetes self-management among uncontrolled type II diabetes mellitus patients. *J Behav Sci* 2017;7(62):1-17. [doi:10.3390/bs7030062](https://doi.org/10.3390/bs7030062). (Corresponding author).
14. Muhammed Ashraful Alam, **Kanittha Chamroonsawasdi**, Natkamol Chansatitporn, Chokchai Munsawaeng, Md Shafiqul Islam Regional Regional variations of fertility control behavior among rural reproductive women in Bangladesh: A hierarchical analysis. *J Behav Sci*, 2018;8(68):1-12. [doi:10.3390/bs8080068](https://doi.org/10.3390/bs8080068). (Corresponding author).
15. Rian Adi Pamungkas, **Kanittha Chamroonsawasdi**, Paranee Vatanasomboon. Family functioning integrated with diabetes self-management: A concept analysis. *Frontier of Nursing* 2018;5(3):199-206. [Doi:10.1515/fon-2018-0027](https://doi.org/10.1515/fon-2018-0027).

16. Rian Adi Pamungkas, **Kanittha Chamroonsawasdi**. HbA1C reduction and weight-loss outcomes: A systematic review and meta-analysis of community-based intervention trials among patients with type 2 diabetes mellitus. *Int J Diabetes Dev Ctries* 2019:1-14. <https://doi.org/10.1007/s13410-018-0708-0>. (Corresponding author)
17. Rian Adi Pamungkas, **Kanittha Chamroonsawasdi**. Home-based interventions to treat and prevent childhood obesity: A systematic review and meta-analysis. *J Behav Sci*, 2019;9(38):1-22. [doi:10.3390/bs9040038](https://doi.org/10.3390/bs9040038). (Corresponding author).
18. Rian Adi Pamungkas, **Kanittha Chamroonsawasdi**, Paranee Vatanasomboon, Phitaya Charupholpol. Barriers to effective diabetes mellitus self-management (DMSM) practice for glycemic uncontrolled type 2 diabetes mellitus (T2DM): A socio-cultural context of Indonesian communities in west Sulawesi. *Eur. J. Investig. Health Psychol. Educ.* 2019, 10(1), 250-261. (Corresponding author)
19. Suphawadee Punthumas, Wirin Kittipichai, **Kanittha Chamroonsawasdi**, Pimrurang Taechaboonsermsak. Antecedent factors of maternal identity among primiparous Thai teenage mothers. *J Health Resh* 2019;33(4):336-348.
20. Rian Adi Pamungkas, **Kanittha Chamroonsawasdi**. Self-management based coaching program to improve diabetes mellitus self-management practice and metabolic markers among uncontrolled type 2 diabetes mellitus in Indonesia: A quasi-experimental study. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 2020;14:53-61. (Corresponding author)
21. Patcharee Rodsum, **Kanittha Chamroonsawasdi**, Wirin Kittipichai, Korravan Yodmai. Influencing Factors on Readiness of Personnel in Local Administrative Organization on Teenage Pregnancy Prevention and Solution, Nakhon Nayok Province. *J Christian Univ* 2020;26(1):13-27. (Corresponding author).
22. Rian Adi Pamungkas, **Kanittha Chamroonsawasdi**. Psychological problems of capillary blood glucose testing and Insulin Injection among diabetes patients. *J Frontier of Nursing*, 2020;7(2): 87-96. [doi:10.2478/FON-2020-0015](https://doi.org/10.2478/FON-2020-0015). (Corresponding author)
23. Rian Adi Pamungkas, **Kanittha Chamroonsawasdi**. Family functional-based coaching program on healthy behavior for glycemic control among Indonesian Communities: A quasi-experimental Study. *Oman Medical Journal* 2020;35(5): e173:1-11. [doi 10.5001/](https://doi.org/10.5001/)

[omj.2020.115](#). (Corresponding author).

24. Attapong Sinkitjasub, **Kanittha Chamroonswasdi**, Paranee Vatanasomboon, Warapone Satheannoppakao, Phitaya Charupoonphol. Assessment of maternal factors associated with overweight and obesity among primary school children in Bangkok, Thailand. *Southeast Asian J Trop Med Public Health* 2020;51(5):618-633. (Corresponding author).
25. Nguyen Viet Hung, **Kanittha Chamroonsawasdi**, Paranee Vatanasomboon, Suthat Chottanapund. Effectiveness of a family support coaching program on diabetes mellitus self-management to improve health outcomes among Thai patients with uncontrolled type 2 diabetes: a quasi-experimental study. *J Pub Health and Develop* 2020;83(3):64-83. (Corresponding author).
26. Samyukta Chand, **Kanittha Chamroonsawasdi**, Paranee Watanasomboon, Natkamol Chansatitporn. Unmet need for modern contraceptive among reproductive aged women in a rural area of Nepal. *J Health Research* 2020:1-14. <https://doi.org/10.1108/JHR-06-2020-0193>. (Corresponding author)
27. Minami Gurung, Natkamol Chantsatitporn, **Kanittha Chamroonsawasdi**, Punyarat Lapvongwatana. Academic Stress among High School Students in a Rural Area of Nepal: A descriptive cross-sectional study. *J Nepal Med Assoc* 2020;58(225):306-9.
28. Chaofang Yan, Charuwan Tadadej, **Kanittha Chamroonsawasdi**, Natkamol Chansatitporn, John FC Sung. Ethnic Disparities in Utilization of Maternal and Child Health Services in Rural Southwest China. *Int. J. Environ. Res. Public Health* 2020, 17,8610; <http://dx.doi.org/10.3390/ijerph17228610>.
29. Rian Adi Pamungkas, **Kanittha Chamroonsawasdi**, Paranee Vatanasomboon, Phitaya Charupholpol. Health-based Coaching of the Best Intervention on Diabetes Mellitus Self-management (DMSM) Practice: A Sequentially Exploratory Mixed-method Approach. *Endocrinologia, Diabetes y Nutricion*, 2021;68:489-500. <https://doi.org/10.1016/j.endinu.2020.07.010>. (Corresponding author).
30. **Kanittha Chamroonsawasdi**, Suthat Chottanapund, Rian Adi Pamungkas, Pravich Tunyasitthisundhorn, Bundit Sornpaisarn, Oranuch Numpaisan. Protection motivation theory to predict intention of healthy eating and sufficient physical activity to prevent Diabetes

Mellitus in Thai population: A path analysis. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 2021;15:121-127. <https://doi.org/10.1016/j.dsx.2020.12.017>.

31. Suthat Chottanapund, Kanittha Chamroonsawasdi, Pravich Tunyasitthisundhorn, Wichai Aekplakorn, Pimpan Silpasuwan, Puree Anantachoti, Nipa Rojroongwasinkul, Sanga Damapong, Bundit Sornpaisarn, Wiwat Rojanapithayakorn, Kumnuan Ungchusak. **Modifiable Factors and Colon Cancer Risk in Thai Population.** *Asian Pac J Cancer Prev* 2021; 22 (1), 37-43. [DOI:10.31557/APJCP.2021.22.1.37](https://doi.org/10.31557/APJCP.2021.22.1.37).
32. Wilaiwan Teppasom. **Kanittha Chamroonsawasdi**, Sutham Nunthamongkolchai, Wirin Kittipichai, Punyarat Lapvongwatana. Challenge and obstacles of mother-daughter sexual communication among rural Thai communities: An exploratory study. *J Pub Health and Develop* 2021;19(2):28-46. (Corresponding author)
33. Rian Adi Pamungkas, **Kanittha Chamroonsawasdi**, Andi Mayasari Usman. Unmet basic needs and family function gaps in diabetes management practice among Indonesian communities with uncontrolled type 2 diabetes: A qualitative study. *Malays Fam Physician* 2021;16(3):19-31. <https://doi.org/10.51866/oa1123>. (Corresponding author)
34. Rian Adi Pamungkas, Andi Mayasari Usman, **Kanittha Chamroonsawasdi**. Clinical features of peripheral neuropathy among onset Type 2 Diabetes mellitus: A Michigan Neuropathy Screening Instrument (MNSI) Approach. *ICON J* 2023;7(2) <https://doi.org/10.20956/icon.v7i2.21689>.
35. Rian Adi Pamungkas, Andi Mayasari Usman, **Kanittha Chamroonsawasdi**. Predictive factors of diabetes mellitus self-management (DMSM) practice: A systematic review and meta-analysis. *J Keperawatan Soedirman* 2024;19(1):22-30. [DOI:10.20884/1.jks.2024.19.1.9899](https://doi.org/10.20884/1.jks.2024.19.1.9899).
36. Eyad Taha Alqadasi, **Kanittha Chamroonsawasdi**, Kittipong Saejeng, Mouaddh Abdulmalik Nagi. The burden of non-communicable diseases measures in the Health Council of Gulf Cooperation (GCC) Countries. *J Taibah Univ Med Sci* 2024;19(4):877-884. <https://doi.org/10.1016/j.jtumed.2024.07.009>. (Corresponding author)
37. Punjarut Laisuwannachart, **Kanittha Chamroonsawasdi**, Paranee Vatanasomboon, Wirin Kittipichai. Voices from rural Thailand: Understanding the root causes of adolescent pregnancy. *J Pubic Health of Indonesia* 2024;10(4):56-67. <https://doi.org/10.36685/phi.v10i4.870>. (Corresponding author)

38. Putri Ega Sejatri, **Kanittha Chamroonsawasdi**, Wirin Kittipichai, Korravarn Yodmai. The phenomenon of the root causes of teenage pregnancy in Indonesia: A qualitative study of the family functioning. *MJN* 2024;16(Supp):129-140. (Corresponding author)
39. Kaung Zaw, Wirin Kittipichai, **Kanittha Chamroonsawasdi**, Arpaporn Powwattana. Development and validation of a scale to measure violence against women among Myanmar migrant women in Thailand. *AJSHB* 2024;7:157-163.

Research experiences

Principal investigator:

1. Evaluation of the HIV/AIDS Prevention and Elevation Policy, Bangkok Metropolitan Administration, Funded by BMA.
2. Evaluation of the First National Policy Development and Strategies on Reproductive Health, Ministry of Public Health, Funded by DoH, MoPH.
3. Evaluation of the National project on the model development of Province/District on birth defects prevention and management, Funded by the Thai Health Promotion Foundation
4. Evaluation of the Second National Policy Development and Strategies on the Promotion of Quality Birth and Growth, Ministry of Public Health (Mid-term evaluation), Funded by DoH, MoPH.
5. Assessment of the readiness for premarital and preconception services and infertility management among government hospitals under the Office of the Permanent Secretary, Ministry of Public Health, Funded by DoH, MoPH.
6. Development of an Application on cardiology exercise to prevent cardiovascular disease, Funded by the Fundamental Fund, Thailand Research, and Innovation (Ongoing project)

Co-investigator:

1. A research and development of a physical and sexual violence prevention model among school students in Samut Sakhon Province, Thailand, Funded by Mahidol University
2. Model development and strategic campaign on HIV/AIDS prevention, Funded by the Thai Health Promotion Foundation.

3. Development of the Mahidol Model on Teenage Pregnancy Prevention, Funded by Mahidol University.
3. A study of NCD risk factors among the Thai population by regions, Funded by the Thai Health Promotion Foundation.

Ongoing research

1. Development of an Application on cardiology exercise to prevent cardiovascular disease
2. Management Assurance of Family Friendly Workplace among 13 Regional Health Centers, Department of Health, Ministry of Public Health.
3. Health Services Readiness, Accessibility, and Utilization of Maternal and Child Health Services, and Health Status from Transferring Tumbon Health Promoting Hospital (THPH) to the Provincial Administrative Organization (PAO).

Responsible for teaching:

- DrPH.
- Advanced research designs in Health Research
 - Reproductive Health & Family Health
 - Strategic Health Planning & Health Project Planning
 - Field Practicum in Public Health Leadership
- MPH/MSc
- Reproductive Health & Family Health
 - Health Planning & Evaluation
 - Data analysis & Writing for Publications

Thesis Advisors: Major advisor of 10 Doctoral degree students, 35 Master's degree Students, 20 MPH students.

Co-advisor more than 40 students