

Name: Rossarin Gray

Summary:

Rossarin Gray is an Associate Professor at the Institute for Population and Social Research (IPSR), Mahidol University, Thailand. She was a Director of IPSR during 2016-2020. She used to work at National Statistical Office, Thailand for many years. She received her BSc in Statistics from Kasetsart University, Thailand and her MA and Ph.D. in Demography from the Australian National University, Australia. She specializes in conducting survey and census on population and social issues and their data analysis. Her research interest includes well-being, mental health, happiness and quality of life, particularly among older people. She has written a number of papers published in national and international journals. She was also the Executive Secretary of Asian Population Association (APA) during 2016-2020.

Education:

Doctor of Philosophy (Demography), The Australian National University, Canberra, Australia

Master of Arts (Demography), The Australian National University, Canberra, Australia

Bachelor of Sciences, Kasetsart University, Bangkok, Thailand

Employment

Period of service	Employer	Position and main activities
February 2020-present	Institute for Population and Social Research (IPSR), Mahidol University	<i>Associate Professor</i>
February 2016-February 2020	IPSR, Mahidol University	<i>Director, Associate Professor</i>
2012-2016	IPSR, Mahidol University	<i>Deputy Director, Associate Professor</i>
January 2002-2012	IPSR, Mahidol University	<i>Lecturer, Assistant Professor</i>

Nov. 1999-Oct.2001	Social Statistics Division National Statistical Office Bangkok Thailand	Director, Social Statistics Division <i>Administration, consultancy, all censuses and surveys relating to population and social issues and analysis of their data</i>
1979-1999	Social Statistics Division National Statistical Office Bangkok Thailand	Socioeconomic Statistician Assistance in censuses and surveys, including data analysis

Teaching experiences at Mahidol University:

- “Cross Cultural Context of Ageing Program” for International Joint Master Degree Program in Population Social Gerontology between Mahidol University and Miami University, USA
- “Techniques of Demographic Analysis” for International Master Degree program in Population and Reproductive Health
- “Substantive Demography” for International Master Degree program in Population and Reproductive Health
- “ Indirect Techniques for Demographic Analysis” for International PhD degree program in Demography
- “Social Science Research on Ageing” for International PhD degree program in Demography

Research experiences

- 2017: A researcher on “Community Based Social Innovation for healthy ageing” supported by WHO Kobe Center and Rand Europe.

- 2017: A researcher on” Guardianship for Older Persons” supported by Foundation of Thai Gerontology Research and Development
- 2016-2017 A researcher on “Rights and Social and Health Security of Older People: A Survey of the ASEAN Region” funded by Strengthening Human Rights and Peace Research and Education in ASEAN/Southeast Asia AUN-SEAHRN-SIDA project (SHAPE-SEA)
- 2015-2016: Principle investigator on “Review on Ageing and the Elderly: What factors contribute to healthy vs. pathological ageing in Thailand?” supported by International Life Sciences Institute (ILSI) Southeast Asia Region, Singapore
- 2015-2016: Principle investigator on “Evaluating projects on quality of life of labour force funded by the Health Promotion Foundation” supported by the Health Promotion Foundation.
- 2013-2015: Principle investigator on “ New Year Praying Project” supported by the Health Promotion Foundation.
- 2012-2013: Principle investigator on “New concept of defining older people: psychosocial and health perspectives”, supported by Foundation of Thai Gerontology Research and Development.
- 2010-2013: A researcher on “Demographic, socioeconomic, cultural, surveillance and long term care for older persons” supported by National Commission of Higher Education.
- 2008-2016: Principle investigator on “ Mental health project” supported by the Health Promotion Foundation.
- 2009-2010: Principle investigator on “ Expanding access to sexual and reproductive health information and services for migrant youth in Bangkok, Thailand”, supported by WHO
- 2008: Principle investigator on “Quality of life of population in Rayong ”, supported by Thailand Research Fund
- 2004-2008: Principle investigator on “Area based collaboration on poverty eradication in the Western region of Thailand –development of well-being indicators ”, supported by National Research Council
- 2007: A researcher in Population, family and socioeconomic change in the three southernmost provinces in Thailand, supported by Thailand Research Fund.

- 2006-2007: Principal investigator on “ Research and development on appropriate models for data dissemination of Kanchanaburi Project” supported by the Wellcome Trust, UK
- 2006: Principal investigator on “Knowledge, attitudes and practices survey on health information, violence against women and psychosocial and mental health services in Karenni Camps, Mae Hong Son”, supported by the International Rescue Committee
- 2005: A researcher on “The interrelations between population ageing, agriculture and rural development in Thailand” supported by The Food and Agriculture Organization of the United Nations (FAO)
- 2004-2005: A researcher on “ National health indicators”, supported by Health Systems Research Institute
- 2002-2004: Principal Investigator on “Fertility decline among hill tribe minorities in northern Thailand”, supported by Hewlett Foundation

Consultancy

2019	UNFPA work assignment on National Report on Population Development and Sustainable Future of Thailand: 25 years after ICPD
2008-2009	WHO work assignment on mentoring operations research in India, Myanmar and Vietnam
Oct.2007-Jan. 2008	UNFPA work assignment on utilization of population registration for 2010 population census in Thailand
July-Oct. 2006	UNFPA work assignment on Thailand’s national reproductive health and ageing data
2002-2004	An academic advisor to the Social Protection Facility hosted jointly by Institute for Population and Social Research, Mahidol University and Research School of Social Science, Australian National University funded by AusAID. The Social Protection Facility aims to contribute to the strengthening of social policy and social protection in Indonesia, Philippines, Thailand and Vietnam by offering customized capacity –building initiatives.
June 2004	UNFPA mission assignment: 2005 Population Census and Reproductive Health Survey, Lao PDR

Selected publications:

- Phulkerd, S., Thapsuwan, S. Chamratrithirong, A & Gray, RS. (2021). Influence of healthy lifestyle behaviors on life satisfaction in the aging population of Thailand: a national population-based Survey, *BMC Public Health*, 21:43.
- Gray, RS & Pattaravanich, U. (2020). Internal and external resources, tiredness and the subjective well-being of family caregivers of older adults: a case study from western Thailand, Southeast Asia, *European Journal of Ageing*, <https://doi.org/10.1007/s10433-019-00544-8>.
- Phulkerd, S, Gray, RS & Chamratrithirong, A. (2020). The influence of co-residential and non-coresidential living arrangements on sufficient fruit and vegetable consumption in the aging population in Thailand, *BMC Geriatrics* 20:476.
- Phulkerd S, Thapsuwan S, Gray RS, Chamratrithirong A. (2020) Characterizing urban home gardening and associated factors to shape fruit and vegetable consumption among non-farmers in Thailand. *International Journal of Environmental Research and Public Health* 2020, 17(15), 5400
- Pekalee, A, Ingersoll-Dayton, B, Gray, RS, Rittirong, J & Völker, M. (2020). Applying the concept of successful aging to Thailand, *Journal of Population and Social Studies*, 28 (2): 175 – 190.
- Phulkerd, S., Thapsuwan, S.,Thongcharoenchupong, N., Chamratrithirong, A & Gray, RS. (2020). Linking Fruit and Vegetable Consumption, Food Safety and Health Risk Attitudes and Happiness in Thailand: Evidence from a Population-based Survey, *Ecology of Food and Nutrition*, DOI: 10.1080/03670244.2020.1850448.
- Devasahayam, TW & Gray, R. (2020). And the state will prevail: the elder caregiver sector in Singapore and Thailand, *SUVANNABHUMI*, 12 (1): 89-110.
<https://suvannabhumi.buufs.ac.kr/suvannabhumi/index.php?pCode=MN200005&mode=view&idx=60980>
- Phulkerd, S., Thongcharoenchupong, N., Chamratrithirong, A., Gray, RS. & Prasertsom, P. (2020). Changes in population-level consumption of taxed and non-taxed sugar-sweetened beverages (SSB) after implementation of SSB excise tax in Thailand: A prospective cohort study, *Nutrient*, 12, 3294; doi:10.3390/nu12113294

- Phulkerd, S, Thapsuwan, S, Thongcharoenchupong, N, **Gray, RS.** & Chamrathirong A. (2020). Sociodemographic differences affecting insufficient fruit and vegetable intake: a population-based household survey of Thai people, *Journal of Health Research*, <https://doi.org/10.1108/JHR-07-2019-0150>
- Winzer, L. & **Gray, RS.** (2019). The role of Buddhist practices in happiness and health in Thailand: a structural equation model, *Journal of Happiness Studies*, 20 (2): 411–425.
- Winzer, L., Samutachak, B., & **Gray, RS.** (2018). Religiosity, spirituality, and happiness in Thailand from the perspective of Buddhism, *Journal of Population and Social Studies*, 26 (4): 332-343.
- Leelavanichkul, S., Chamrathirong, A., Jampaklay, A. and **Gray, R.** (2018). Religiosity, the practices of religions, and the perception of older people among Muslims and Buddhists in Thailand, *The International Journal of Aging and Human Development*, 86(2):131-151. DOI: 10.1177/0091415017699937.
- Gray, RS,** Hahn, L, Thapsuwan, S. & Thongcharoenchupong, N.(2016). Strength and stress: positive and negative impacts on caregivers for older adults in Thailand, *Australasian Journal on Ageing*, 35(2):E7-E12. DOI: 10.1111/ajag 12266.
- Kramanon, R. & **Gray, RS.** (2015). Differentials in Happiness among the young old, the middle old and the very old in Thailand. *Journal of Population and Social Studies*, 23 (2): 180-192. DOI10.14456/jpss.2015.13.
- Gray, RS.,** Pataravanich, U., Chamchan, C. & Prasartkul, P. (2015). *Perceived negative and positive impacts on redefining older persons in Thailand*, *Journal of Population and Social Studies* 23 (1): 73-85. DOI 10.14456/jpss.2015.5.
- Gray, R.** & Thapsuwan, S. (2014). Factors affecting on stress of caregivers to older persons. *Songklanakarinn Journal of Social Sciences and Humanities*, 26 (1):203-228.
- Gray, RS.,** Chamrathirong, R., Pataravanich, U. & Prasartkul. P. (2013). Happiness among adolescent students in Thailand: family and non-family factors. *Social Indicators Research*, 110 (2): 703-719. DOI 10.1007/s11205-011-9954-y.
- Gray, R,** Chamrathirong, A. Prasartkul, P. & Pataravanich, U. (2012) Income, Debt, Cognitive Strategies of Acceptance and Happiness. *Journal of Psychiatric Association of Thailand*, 57 (3): 347-356.

- Bunnag, A, **Gray, RS.** & Xenos, P. (2012). Toward an historical demography of Thailand. *Journal of Population and Social Studies*, 20(2): 82-108.
- Suwannopkako, R. & **Gray, R.** (2011). Quality of life of older persons in Kanchanaburi Demographic Surveillance System. *Thai Population Journal*, 3 (2), 31-54.
- Thongthai, V. & **Gray, R.** 2011. Gambling, debt and happiness. *Thai Population Journal*, 3 (1), 31-50.
- Gray, R.**, Tantipiwatanaskul, P. & Suwannopkako, R. (2010). Happiness among Thai people: Living a virtuous life, spirituality and self-esteem, *Journal of Mental Health of Thailand*, 18: 71 - 85.
- Gray, R.**, Bunnag, A. & Suwannopkako, R. (2009). Making use of population registration for conducting population census in Thailand. *Journal of Demography*, (25):1-14.
- Podhisita, C., Varangrat, A., **Gray, R.**, Vapattanawong, P., & Chuanvan, S. (2009). Nuptiality change in Thailand, 1960-2000: implication for future fertility. *Songklanakarinn Journal of Social Sciences and Humanities*, 2009,15 (5): 703-722.
- Gray, RS.**, Rukumnuaykit, P., Kittisuksathit, S. & Thongthai, V. (2008). Inner happiness among Thai elderly. *Journal of Cross Cultural Gerontology* (23): 211-224
- Gray, RS.**, Kramanon, R. & Thapsuwan, S. (2008). The determinants of happiness among Thai people: Some evidence from Chai Nat and Kanchanaburi. *Thammasat Economic Journal* (26) 72-87.
- Soonthorndhada, A., **Gray, R.**, Soonthorndhada, K. & Viswanathan, P.K. (2008) Elderly women in Thailand. In Joseph Troisi, J. & Pawliczka, A. L. (Eds). *The Elderly Woman in Asia: Her Roles and Position*, pp. 285-310. The International Institute on Ageing, United Nations-Malta (INIA), Malta: Veritas Press.
- Bryant, J. & **Gray, R.** (2005). *Rural Population Ageing and Farm Structure in Thailand*. The Population and Development Service, Sustainable Development Department, Food and Agriculture Organisation of the United Nations (FAO), Rome, Italy. <http://www.globalaging.org/ruralaging/world/2005/thaifao.htm> (published online)
- Tirasawat, P., Xuto, P., **Gray, R.** & Kowatanakul, R. (2003). Application of Labor Utilization Framework. *Journal of Demography*, 19 (1): 22-37.
- Knodel, J., **Gray, R. S.**, Sriwatcharin, P. & Peracca, C. (1999). Religion and reproduction: Muslims in Buddhist Thailand. *Population Studies*, (53): 149-164.

Book Chapter

- Gray, R., Samutchak, B. & Voelker, M. (2019). Shaping a Sustainable Future by Investing in Human Capital Development in *Population and Development for a Sustainable Future in Thailand 25 Years after the ICPD*. (pp 58-91). Office of the National Economic and Social Development Council, Ministry of Public Health, Ministry of Social Development and Human Security, Thailand Science Research and Innovation, United Nations Population Fund. Bangkok: UNFPA, United Nations Population Fund.
https://thailand.unfpa.org/sites/default/files/pub-pdf/ICPD25%20years%20in%20Thailand%20report_web%20version.pdf
- Pitchforth, E., Rittirong, J., Khamsuwan, K. & Gray, R. (2018). Thailand: Kajood Handicraft Case studies Community Enterprise in Surat Thani. in *Community-Based Social Innovations Appendix C: CBSI Case Studies*. The World Health Organization Centre for Health Development Kobe and RAND Europe.
https://extranet.who.int/kobe_centre/en/news/CBSI-Report
- Chamchan, C., Gray, R. & Soonthorndhada, K. (2018). Thailand. In Long Thanh Giang, & Theresa W. Devasahayam (Eds.). *Health rights of older people comparative perspectives in Southeast Asia*. (pp.77-90). London and New York: Routledge Taylor & Francis group.
- Gray, RS. (2012). Happiness in Thailand In Selin, H. & Davey, G. (Eds.) *Happiness across cultures: views of happiness and quality of life in non-western cultures* (Science across cultures: the history of non-western science). (pp.137-148). New York: Springer.
- Gray, RS. & Chamrathirong, R. (2009). Thailand. In Erdman B. Palmore, EB., Frank Whittington, F. & Suzanne Kunkel, S. (Eds). *The International handbook on aging current research and developments*. (pp.563-578). ABC-CLIO,LLC.