

## 1. 学歴

2005年 3月 京都大学経済学部卒業  
2007年 3月 京都大学大学院経済学研究科修士課程修了  
2011年 6月 ヨーク大学経済学研究科修了  
2011年 6月 Ph.D. (Economics), University of York

## 2. 職歴・研究歴

2011年 6月 - 2013年 5月 イーストアングリア大学経済学部リサーチアソシエイト  
2011年 6月 - 2014年 8月 イーストアングリア大学医学部リサーチアソシエイト・シニアリサーチアソシエイト  
2011年 6月 - 2014年 8月 ケンブリッジ大学公衆衛生研究所リサーチアソシエイト  
2014年 5月 - 2014年 6月 世界銀行健康、栄養、人口部門短期コンサルタント  
2014年 9月 - 2016年 9月 ヨーク大学医療経済学研究科リサーチフェロー  
2014年 9月 - 2020年 3月 統計数理研究所リスク解析研究センター客員准教授  
2016年 10月 - 2017年 3月 東京大学大学院工学系研究科非常勤講師  
2016年 10月 - 2022年 2月 一橋大学社会科学高等研究院准教授  
2022年 3月 - 現在 一橋大学社会科学高等研究院教授  
2022年 3月 - 現在 一橋大学経済学研究科教授

## 3. 学内教育活動

### A. 担当講義名

#### (b) 大学院

医療経済学セミナー，医療経済分析，公共経済特論 A, Economic Analysis of Social Policy

### B. ゼミナール

学部前期(基礎ゼミナール)，学部，大学院

### C. 講義およびゼミナールの指導方針

「限りある医療資源をどう配分するか」というテーマについて，日本だけでなく国際的な観点から自分の考えをまとめることができるよう指導する。ゼミでは，基本的な知識の習得の他，自分なりの問題意識やプロジェクトを持ったうえで勉強に取り組めるよう支援する。

## 4. 主な研究テーマ

- (1) 保健財政(健康保険、費用対効果)
- (2) 健康行動

## 5. 研究活動

### A. 業績

#### (a) 著書・編著

『新医療経済学-医療の費用と効果を考える』(井伊雅子, 五十嵐中との共著), 日本評論社, 2019年10月。

#### (b) 論文(査読つき論文には\*)

"Analysis of the socioeconomic difficulties affecting the suicide rate in Japan" (joint with Ryoichi Watanabe, Masakazu Furukawa and Yoshiaki Ogura), *KIER Discussion Paper*, 626, 2006.1

「自殺の経済社会的要因に関する調査研究報告書」(渡部良一, 小倉義明, 齋藤隆志, 古川雅一との共著), 内閣府経済社会総合研究所研究報告書等, No.18, 2006年1月。

「健康と経済社会的属性との関係に関する調査研究報告書」(渡部良一, 齋藤隆志, 古川雅一との共著), 内閣府経済社会総合研究所研究報告書等, No.29, 2007年1月。

「世帯構造の変化が私的介護に及ぼす影響等に関する研究報告書」(渡部良一, 金子浩之, 齋藤隆志, 古川雅一との共著), 内閣府経済社会総合研究所研究報告書等, No.39, 2008年1月。

"Education and body mass index: evidence from European Community Household Panel" (joint with Luigi Siciliani), *DERS Discussion Paper*, 10/04, 2010.1.

\*"The relationship between weight loss and time and risk preference parameters: a randomized controlled trial" (joint with Akemi Takada, Masakazu Furukawa, Yoshimitsu Takahashi, Shuzo Nishimura and Shinji Kosugi), *Journal of Biosocial Science*, 2011.1

"Intergenerational effect of schooling and overweight children," *Health, Econometrics and Data Group Working Paper*, 12/02, 2012.1.

"A dynamic model of food consumption, exercise and weight determination," *DERS University of York*, 2012.1.

\*"Economic instruments for population diet and physical activity behaviour change: a systematic scoping review" (joint with Ian Shemilt, Gareth J. Hollands, Theresa M. Marteau, Susan A. Jebb, Michael P. Kelly, Marc Suhrcke and David Ogilvie), *PLOS One*, 2013.1

\*"Socioeconomic differences in purchases of more vs. less healthy foods and beverages: analysis of over 25,000 British households in 2010" (joint with Rachel Pechey, Susan A. Jebb, Michael P. Kelly, Eva Almiron-Roig, Susana Conde, Ian Shemilt, Marc Suhrcke and Theresa M. Marteau), *Social Science & Medicine*, 2013.1.

\*"Altering micro-environments to change population health behaviour: towards an evidence base for choice architecture interventions" (joint with Gareth J. Hollands, Ian Shemilt, Theresa M. Marteau, Susan A. Jebb, Michael P. Kelly, Marc Suhrcke and David Ogilvie), *BMC PUBLIC HEALTH*, Vol.13, 2013.12.

「親の教育による栄養知識と子どもの肥満」(古川雅一との共著), 古郡鞆子・松浦司(編)『肥満と生活・健康・仕事の格差』日本評論社, 2014年1月。

"Non-communicable disease in the MENA region: socioeconomic inequalities and economic consequences" (joint with Lorenzo Rocco, Yevgeniy Goryakin and Marc Suhrcke), *Report prepared for The World Bank*, 2014.1.

\*"Sales impact of displaying alcoholic and non-alcoholic beverages in end-of-aisle locations: An observational study" (joint with Rachel Pechey, Marc Suhrcke, Susan A. Jebb and Theresa M. Marteau), *SOCIAL SCIENCE & MEDICINE*, Vol.108, pp.68-73, 2014.5.

\*"Impact on alcohol purchasing of a ban on multi-buy promotions: a quasi-experimental evaluation comparing Scotland with England and Wales" (joint with Marc Suhrcke, Rachel Pechey, Marcello Morciano, Martin

Roland and Theresa M Marteau), *Addiction*, 2014.11.

- \*"Price promotion on healthier vs. less healthy foods: impact on sales and social patterning of responses to promotions" (joint with Marc Suhrcke, Susan A Jebb, Rachel Pechey, Eva Almiron-Roig and Theresa M Marteau), *American Journal of Clinical Nutrition*, 2015.2.
- "Reply to MD Chatfield" (joint with Marc Suhrcke, Susan A Jebb, Rachel Pechey, Eva Almiron-Roig and Theresa M Marteau), *American Journal of Clinical Nutrition*, 2015.10
- \*"A Triple Test for Behavioral Economics Models and Public Health Policy" (joint with Marc Suhrcke and Daniel Zizzo), *Theory and Decision*, 2017.7.
- "The health opportunity cost approach in healthcare resource allocation," 「医療経済研究」 Vol.29, No.1, pp.18-32, 2017.10.
- \*"Evaluating the 2014 sugar-sweetened beverage tax in Chile: An observational study in urban areas" (joint with Andrew J. Mirelman, Cristóbal Cuadrado, Nicolas Silva-Illanes, Jocelyn Dunstan and Marc Suhrcke), *PLOS Medicine*, 2018.7.
- "Monitoring governance, management and operational capacity of mutual health organizations in three regions of Senegal: Findings from the 2017 survey" (joint with Tamahi Kato, Yukichi Mano, Motohiro Sato, Makoto Tobe and Mor Ngom), *Dakar: Agence de la Couverture Maladie Universelle*, 2018.8.
- \*"Landscape analysis of health technology assessment (HTA): systems and practices in Asia" (joint with Yot Teerawattananon, Waranya Rattanavipapong, Lydia Wenxin Lin, Saudamini Vishwanath Dabak, Brent Gibbons, Wanrudee Isaranuwatthai, Kai Yee Toh, Boon Piang Cher, Fiona Pearce, Diana Beatriz S Bayani, Raoh-Fang Pwu, Asrul Akmal Shafie, Deepika Adhikari, Shankar Prinja and Wendy Babidge), *International Journal of Technology Assessment in Health Care*, 2019.10.
- \*"Best Buys" (joint with Tazeem Bhatia and Arisa Shichijo), Isaranuwatthai et al. (eds) *Non-communicable Disease Prevention: Best Buys, Wasted Buys and Contestable Buys*, 2019.12.
- \*"The educational gap in tar and nicotine content in purchases of cigarettes: An observational study using large-scale representative survey data from Japan" (joint with Ying Yao and Nazmi Sari), *Preventive Medicine*, Vol.129, No.105828, 2019.12.
- \*"Health Impacts of the Chilean Sugar Sweetened Beverage Tax" (joint with Andrew J Mirelman, Cristóbal Cuadrado, Nicolas Silva-Illanes, Jocelyn Dunstan and Marc Suhrcke), Revill et al. (eds) *World Scientific Series in Global Health Economics and Public Policy: Volume 5 Global Health Economics Shaping Health Policy in Low- and Middle-Income Countries*, 2020.1.
- \*"Assessing the Impact of Health Care on Mortality Using Cross Country Data" (joint with James Lomas, Karl Claxton, Farasat Bokhari, Rodrigo Moreno-Serra and Marc Suhrcke), Revill et al. (eds) *World Scientific Series in Global Health Economics and Public Policy: Volume 5 Global Health Economics Shaping Health Policy in Low- and Middle-Income Countries*, 2020.1.
- \*"Cost-Effectiveness Thresholds in Low- and Middle-Income Countries" (joint with Paul Revill, Jessica Ochalek, James Lomas, Beth Woods, Alexandra Rollinger, Marc Suhrcke, Mark Sculpher and Karl Claxton), Revill et al. (eds) *World Scientific Series in Global Health Economics and Public Policy: Volume 5 Global Health Economics Shaping Health Policy in Low- and Middle-Income Countries*, 2020.1.
- \*"Effects of a sugar-sweetened beverage tax on prices and affordability of soft drinks in Chile: A time series analysis" (joint with Cristóbal Cuadrado, Jocelyn Dunstan, Nicolas Silva-Illanes, Andrew J Mirelman and

Marc Suhrcke), *Social Science & Medicine*, 2020.1.

\*"Reforms for financial protection schemes towards universal health coverage, Senegal" (joint with Bocar Mamadou Daff, Serigne Diouf, Elhadji Sala, Madior Diop, Yukichi Mano, Mouhamed Mahi Sy, Makoto Tobe, Shotaro Togawa and Mor Ngom ), *Bulletin of the World Health Organization*, 2020.1.

\*"Prevention of non-communicable disease: best buys, wasted buys, and contestable buys" (joint with Wanrudee Isaranuwatthai, Yot Teerawattananon, Rachel A Archer, Alia Luz, Manushi Sharma, Waranya Rattanavipapong, Thunyarat Anothaisintawee, Rachel L Bacon, Tazeem Bhatia, Jesse Bump, Kalipso Chalkidou, Adam G Elshaug, David D Kim, Sumithra Krishnamurthy Reddiar, Peter J Neumann, Arisa Shichijo, Peter C Smith and Anthony J Culyer ), *The BMJ*, Vol.368, No.m141, 2020.2.

\*"The physical activity at work (PAW) study protocol: a cluster randomised trial of a multicomponent short-break intervention to reduce sitting time and increase physical activity among office workers in Thailand" (joint with Cynthia Chen, Anna Valeria Dieterich, Jemima Jia En Koh, Katika Akksilp, Eunice Huiying Tong, Nuttakarn Budtarad, Andre Matthias Müller, Thunyarata Anothaisintawee, Bee Choo Tai, Waranya Rattanavipapong, Wanrudee Isaranuwatthai, Thomas Rouyard, Falk Müller-Riemenschneider and Yot Teerawattananon), *BMC Public Health*, Vol.20, No.1332, pp.1-12, 2020.8.

\*"Real-world data for health technology assessment for reimbursement decisions in Asia: current landscape and a way forward" (joint with Jing Lou, Sarin Kc, Kai Yee Toh, Saudamini Dabak, Amanda Adler, Jeonghoon Ahn, Diana Beatriz S Bayani, Kelvin Chan, Dechen Choiphel, Brandon Chua, Anne Julienne Genuino, Anna Melissa Guerrero, Brendon Kearney, Lydia Wenxin Lin, Yuehua Liu, Fiona Pearce, Shankar Prinja, Raoh-Fang Pwu, Asrul Akmal Shafie, Binyan Sui, Auliya Suwantika, Yot Teerawattananon, Sean Tunis, Hui-Min Wu, John Zalberg, Kun Zhao, Wanrudee Isaranuwatthai and Hwee-Lin Wee), *International Journal of Technology Assessment in Health Care*, 2020.10.

"Use of real-world data and real-world evidence to support drug reimbursement decision making in Asia" (joint with Lydia Wenxin LIN, Jeonghoon AHN, Diana Beatriz, S. BAYANI, Kelvin CHAN, Dechen CHOIPHEL, Wanrudee ISARANUWATCHAI, Sarin KC, Brendon KEARNEY, Jing LOU, Fiona PEARCE, Shankar PRINJA, Raoh-Fang PWU, Asrul Akmal SHAFIE, Yot TEERAWATTANANON, Sean TUNIS, Hui-Min WU, John ZALCBERG, Hwee-Lin WEE), *REALISE Working Group*, 2020.11.

\*"The impact of taxation and signposting on diet: an online field study with breakfast cereals and soft drinks " (joint with Daniel John Zizzo, Melanie Parravano, Suzanna Forwood and Marc Suhrcke), *Experimental Economics*, 2021.1.

\*"Cycling behaviour in 17 countries across 6 continents: levels of cycling, who cycles, for what purpose, and how far?" (joint with Rahul Goel, Anna Goodman, Rachel Aldred, Lambed Tatah, Leandro Martin Totaro Garcia, Belen Zapata-Diomed, Thiago Herick de Sa, Geetam Tiwari, Audrey de Nazelle, Marko Tainio, Ralph Buehler, Thomas and Götschi James Woodcock ), *Transport Reviews*, 2021.5.

「令和 2 年度 国民の健康づくり運動の推進に向けた非感染性疾患 (Non-communicable diseases : NCDs) 対策における諸外国の公衆衛生政策の状況とその成果の分析のための研究」『厚生労働科学研究費補助金 (循環器疾患・糖尿病等生活習慣病対策総合研究事業) 総括研究報告書』2021 年 6 月。

"Operational capacity and outcomes of mutual health organizations in three regions of Senegal: a comparison between 2017 and 2020" (joint with Khin Thet Swe and Yukichi Mano), *Japan International Cooperation Agency*, 2021.6.

- "Does Restricting the Availability of Cigarettes Reduce Smoking?" (joint with Ying Yao), *HIAS Discussion Paper*, HIAS-E-108, 2021.9.
- "Do Economic Incentives Promote Physical Activity? Evidence from the London Congestion Charge" (joint with Andrea Albanese, Emma Coombes and Marc Suhrcke), *IZA Discussion Paper*, Vol.14957, 2021.12.
- \*"Boosting Healthier Choices" (joint with Thomas Rouyard, Bart Engelen and Andrew Papanikitas), *The BMJ*, Vol.376, No.e064225, 2022.1.
- \*"Trends and Determinants of Cigarette Tax Increases in Japan: The Role of Revenue Targeting" (joint with Takashi Oshio), *International Journal of Environmental Research and Public Health*, 2022.4 .
- \*"Operational and Structural Factors Influencing Enrolment in Community-Based Health Insurance Schemes: An Observational Study Using 12 Waves of Nationwide Panel Data from Senegal" (joint with Thomas Rouyard, Yukichi Mano, Bocar Mamadou Daff, Serigne Diouf, Khadidiatou Fall Dia, Laetitia Duval and Josselin Thuilliez), *Health Policy and Planning*, 2022.4.
- \*"An Instrumental Variable Approach for Head Start Attendance on Low Income Children" (joint with Kyunghye Lee, Kristin Rispoli, and Mackenzie Norman), *Research on Social Work Practice*, 2022.4
- \*"Factors associated with the opposition to COVID-19 vaccination certificates: A multi-country observational study from Asia" (joint with Sarin Kc, Dian Faradiba, Manit Sittimart, Wanrudee Isaranuwachai, Aparna Ananthakrishnan, Chayapat Rachatan, Saudamini Dabak, Asrul Akmal Shafie, Anna Melissa Guerrero, Auliya Suwantika, Gagandeep Kang, Jeonghoon Ahn, Li Yang Hsu, Mayfong Mayxay, Natasha Howard, Parinda Wattanasri, Tarun K. George and Yot Teerawattananon), *Travel Medicine and Infectious Disease*, 2022.5.
- 「令和 3 年度 国民の健康づくり運動の推進に向けた非感染性疾患 (Non-communicable diseases : NCDs) 対策における諸外国の公衆衛生政策の状況とその成果の分析のための研究」『厚生労働科学研究費補助金(循環器疾患・糖尿病等生活習慣病対策総合研究事業) 総括研究報告書』2022 年 5 月。
- "A randomized controlled trial to test financial incentives for COVID-19 vaccination in Ghana" (joint with Raymond Duch, Edward Asiedu, Thomas Rouyard, Carlos Yevenes, Laurence Roope, Mara Violato and Philip Clarke), *Nature Medicine*, 2022.6.
- \*"Global, regional, and national progress in financial risk protection towards universal health coverage, 2000–2030" (joint with Md Mizanur Rahman, Jenny Jung, Md Rashedul Islam, Md Mahfuzur Rahman, Shamima Akter and Motohiro Sato), *Social Science & Medicine*, Vol.312, No.115367, 2022.9.
- \*"What are the impacts of increasing cost-effectiveness Threshold? a protocol on an empirical study based on economic evaluations conducted in Thailand" (joint with Wanrudee Isaranuwachai, Hwee Lin Wee, Myka Harun Sarajan, Yi Wang, Budsadee Soboon, Jing Lou, Jia Hui Chai, Wannisa Theantawee, Jutatip Laoharuangchaiyot, Thanakrit Mongkolchaipak, Thanisa Thathong, and Pritaporn Kingkaew), *PLOS One*, 2022.10.
- \*"The physical activity at work (PAW) study: A cluster randomised trial of a multicomponent short-break intervention to reduce sitting time and increase physical activity among office workers in Thailand" (joint with Katika Akksilp, Jemima Jia En Koh, Vanessa Tan, Eunice Huiying Tong, Nuttakarn Budtarad, Guo Xueying, Anna Valeria Dieterich, Bee Choo Tai, Andre Matthias Müller, Wanrudee Isaranuwachai, Thomas Rouyard, Falk Müller-Riemenschneider, Yot Teerawattananon, and Cynthia Chen), *The Lancet Regional Health - Southeast Asia*, 2022.10.
- \*"Developing a New Region-Specific Preference-Based Measure in East and Southeast Asia" (joint with Takeru

Shiroiwa, Tatsunori Murata, Jeonghoon Ahn, Xue Li, Yot Teerawattananon, Zhao Kun, Asrul Akmal Shafie, Haidee Valverde, Hilton Lam, Kwong Ng, Mardiaty Nadjib, Raoh-Fang Pwu, Ryan Rachmad Nugraha, Yong-Chen Chen, Takashi Fukuda), *Value in Health Regional Issues*, 2022.11.

\*"Mixing age and risk groups for accessing COVID-19 vaccines: a modelling study" (joint with Hongming Wang and Yoko Ibuka), *BMJ Open*, 2022.12.

\*"What, Where, and How to Collect Real-World Data and Generate Real-World Evidence to Support Drug Reimbursement Decision-Making in Asia: A reflection into the Past and A Way Forward" (joint with Sarin Kc, Lydia Wenxin Lin, Diana Beatriz, Samson Bayani, Yaroslava Zemlyanska, Amanda Adler, Jeonghoon Ahn, Kelvin Chan, Dechen Choiphel, Anne Julienne, Genuino-Marfori, Brendon Kearney, Yuehua Liu, Fiona Pearce, Shankar Prinja, Raoh-Fang Pwu, Arsul Akmal Shafie, Binyan Sui, Auliya, Suwantika, Sean Tunis, Hui-Min Wu, John Zalberg, Kun Zhao, Wanrudee Isaranuwatjai, Yot, Teerawattananon, Hwee-Lin Wee), *International Journal of Health Policy and Management*, 2023.1.

## B. 最近の研究活動

### (b) 国内研究プロジェクト

「アジアにおける医療資源配分の効率化」, 科学研究費補助金基盤研究(A), 研究代表者, 2021 - 2024 年度。

「Informing the design of policies aimed at increasing health financial protection to accelerate universal health coverage in West Africa」, 科学研究費補助金基盤研究(B), 研究分担者, 2022 - 2024 年度。

「A cluster randomized controlled trial to evaluate pharmacy-based health promotion program to improve blood pressure control in Bangladesh, India and Pakistan」, 科学研究費補助金基盤研究(B), 研究分担者, 2022 - 2024 年度。

「SDGs を意識した予防・健康づくりの多面的経済評価の手法開発」, 日本医療研究開発機構 制度：予防・健康づくりの社会実装に向けた研究開発基盤整備事業, 2022 年 9 月 - 2025 年 3 月

### (c) 国際研究プロジェクト

ASEAN 諸国疾病対策センター, 2021 年 3 月 - 2022 年 3 月。

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## 7. 学外活動

### (b) 所属学会および学術活動

International Health Economics Association

Royal Economic Society