

## Curriculum Vitae

### Yuna Koyama, PhD

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### Education

2021 PhD in Medical Science Tokyo Medical and Dental University, Tokyo, Japan

Dissertation Title: Degree of influence in class modifies the association between social network diversity and well-being

Mentor: Prof. Takeo Fujiwara

2023 MD (prospective) Tokyo Medical and Dental University, Tokyo, Japan

### Academic appointments

2019/4-2020/3 Teaching assistant Public Health Tokyo Medical and Dental University

2019/11-2020/4 Visiting PhD student Child and Adolescent Psychiatry/ Generation R Study Erasmus Medical Center

2021/5-2022/2 Project researcher National Institutes of Biomedical Innovation, Health and Nutrition

### Grant funding

1. JSPS Overseas Challenge Program for Young Researchers 2020/8-2020/12

Total amount: JPY 1.4million Project title: The effect of parenting on child biological function and morphological development concerning mental health (refuse to accept due to COVID-19 pandemic)

2. JSPS Overseas Research Fellow 2023/9-2025/9 Total amount: JPY 6.2million

Project title: The role of parent-child interaction in child psychosocial development —integrating a neuroimaging approach

### Bibliography

Peer-reviewed Publication

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1. Y Koyama, & T Fujiwara. Impact of Alcohol Outlet Density on Reported Cases of Child Maltreatment in Japan: Fixed Effects Analysis. *Frontiers in public health*,7:265.2019.
2. Y Koyama, T Fujiwara, A Isumi, & S Doi. Degree of influence in class modifies the association between social network diversity and well-being: Results from a large population-based study in Japan. *Social science & medicine*,260:113170.2020.
3. Y Koyama, T Fujiwara, A Isumi, & S Doi. Association of parental social network diversity with behaviour problems and resilience of offspring in a large population-based study of Japanese children. *BMJ open*,10(10):e035100.2020.
4. Y Koyama, T Fujiwara, A Isumi, & S Doi. Is Japan's child allowance effective for the well-being of children? A statistical evaluation using data from K-CHILD study. *BMC public health*,20(1):1503.2020.
5. N Nawa, Y Yamaoka, Y Koyama, H Nishimura, S Sonoda, J Kuramochi, Y Miyazaki, & T Fujiwara. Association between Social Integration and Face Mask Use Behavior during the SARS-CoV-2 Pandemic in Japan: Results from U-CORONA Study. *International journal of environmental research and public health*,18(9):4717.2020.
6. S Doi, Y Koyama, Y Tani, H Murayama, S Inoue, T Fujiwara, & Y Shobugawa. Do Social Ties Moderate the Association between Childhood Maltreatment and Gratitude in Older Adults? Results from the NEIGE Study. *International journal of environmental research and public health*,18(21):11082.2021.
7. Y Koyama, T Fujiwara, A Isumi, S Doi, & M Ochi. The impact of public assistance on child mental health in Japan: results from A-CHILD study. *Journal of public health policy*,42(1):98–112.2021.
8. Y Koyama, N Nawa, Y Yamaoka, H Nishimura, S Sonoda, J Kuramochi, Y Miyazaki, & T Fujiwara. Interplay between social isolation and loneliness and chronic systemic inflammation during the COVID-19 pandemic in Japan: Results from U-CORONA study. *Brain, behavior, and immunity*,94:51–59.2021.
9. Y Koyama, T Fujiwara, J Yagi, H Mashiko, & Great East Japan Earthquake Follow-up for Children study team. Association of parental dissatisfaction and perceived inequality of post-disaster recovery process with child mental health. *Social science & medicine*,296:114723.2022.
10. Y Tani, Y Koyama, S Doi, G Sugihara, M Machida, S Amagasa, H Murayama, S Inoue, T Fujiwara, & Y Shobugawa. Association between gratitude, the brain and cognitive function in older adults: Results from the NEIGE study. *Archives of gerontology and geriatrics*,100:104645.2022.
11. Y Koyama, T Fujiwara, H Murayama, M Machida, S Inoue, & Y Shobugawa. Association between adverse childhood experiences and brain volumes among Japanese community-

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dwelling older people: Findings from the NEIGE study. Child abuse & neglect,124:105456.2022.

12. Y Koyama, T Fujiwara, S Doi, A Isumi, A Morita, Y Matsuyama, Y Tani, N Nawa, H Mashiko, J Yagi, & Great East Japan Earthquake Follow-up for Children study team. Heart rate variability in 2014 predicted delayed onset of internalizing problems in 2015 among children affected by the 2011 Great East Japan Earthquake. Journal of Psychiatric Research, 151:642-648.2022

13. Y Koyama, N Nawa, Y Yamaoka, H Nishimura, J Kuramochi, T Fujiwara. Association between Social Engagements and Stigmatization of COVID-19 Infection among Community Population in Japan. International journal of environmental research and public health,19(15):9050.2022.

14. Y Koyama, N Nawa, M Ochi, P J. Surkan, T Fujiwara. Joint Role of Oxytocin- and Dopamine-related Genes and Childhood Parenting Experience in Maternal Supportive Social Network. Child Psychiatry & Human Development, in press.2022

### Conference presentation

1. Y Koyama, AC Hidalgo, H Tiemeier. Low family income from fetal life onward and child brain morphology: differential impact by ethnic minority and majority status in a population-based study. 68th annual meeting of American Academy of Child & Adolescent psychiatry. Oct. 2021. [poster presentation]