

CURRICULUM VITAE (as of March 5, 2023)

Takashi OSHIO

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Education: 1983 B. A. (liberal arts) University of Tokyo
1989 M. A. (economics) Yale University
2002 Ph. D. (international public policy) Osaka University

Job career: 1983 Researcher, Economic Planning Agency, Japanese Government
1990 Economist, J.P. Morgan
1993 Associate Professor, Department of Economics, Ritsumeikan University
1998 Associate Professor, Department of Education, Tokyo Gakugei University
2003 Associate Professor, Graduate School of Economics, Kobe University
2004 Professor, Graduate School of Economics, Kobe University
2009 Professor, Institute of Economic Research, Hitotsubashi University
(April 2017-March 2019) Director, Institute of Economic Research, Hitotsubashi University

Social activities (present):

Chairman, Central Social Insurance Medical Council,
Ministry of Health, Labour and Welfare, Japanese Government
Chairman, Minimum Standard of Living Committee,
Ministry of Health, Labour and Welfare, Japanese Government
Member, Social Security Council,
Ministry of Health, Labour and Welfare, Japanese Government
Member, National Civil Service Examination Committee,
National Personnel Authority, Japanese Government

Publications (in English only)

Articles in peer-reviewed journals and books:

1. Takashi Oshio, Hiromi Kimura, Shingo Nakazawa, and Susumu Kuwahara, "Evolutions of self-rated health and social interactions during the COVID-19 pandemic affected by pre-pandemic conditions: Evidence from a four-wave survey," *International Journal of Environmental Research and Public Health*, 2023, 20(5), 4594.
2. Takashi Oshio, Kemmyo Sugiyama, and Toyo Ashida, "Effect of social activities on health checkups and recommended doctor visits: a fixed-effects analysis in Japan," *Industrial Health*, in press.
3. Takashi Oshio and Satoshi Shimizutani, "Will working longer enhance the health of older adults? A pooled analysis of repeated cross-sectional data in Japan," *Journal of Epidemiology*, 2023, 33 (1), 15-22.
4. Takashi Oshio, Hiromi Kimura, Toshimi Nishizaki, and Susumu Kuwahara, "Pre-pandemic social isolation as a predictor of the adverse impact of the pandemic on self-rated health: A longitudinal COVID-19 study in Japan," *Preventive Medicine*, 2022, 164, 107329.
5. Takashi Oshio, Kemmyo Sugiyama, and Toyo Ashida, "Impact of residing in neighborhoods of high social participation on health of retired workers: A multilevel analysis using nationwide longitudinal data in Japan," *SSM-Population Health*, 2022, 20, 101281.
6. Takashi Oshio, "Is caring for grandchildren good for grandparents' health? Evidence from a fourteen-wave nationwide survey in Japan," *Journal of Epidemiology*, 2022, 32(8), 363-369.
7. Takashi Oshio, Hiromi Kimura, Toshimi Nishizaki, and Susumu Kuwahara, "At which area level does COVID-19 infection matter most for an individual's self-rated health? A multilevel fixed-effects model analysis in Japan," *International Journal of Environmental Research and Public Health*, 2022, 19(15), 8918.
8. Takashi Oshio and Kemmyo Sugiyama, "Social participation as a moderator for caregivers' psychological distress: A dynamic panel data model analysis in Japan," *Applied Research in Quality of Life*, 2022, 17, 1813-1829.
9. Takashi Oshio and Ryota Nakamura, "Trends and determinants of cigarette tax increases in Japan: the role of revenue targeting," *International Journal of Environmental Research and Public Health*, 2022, 19(8), 49892.
10. Takashi Oshio, Kemmyo Sugiyama, and Toyo Ashida, "Does residing in a neighborhood of high social participation postpone deterioration in health among middle-aged adults? A multilevel survival analysis in Japan," *Journal of Urban Health*, 2022, 99(2), 235-244.
11. Shizuka Shimabukuro, David Daley, Takahiro Endo, Satoshi Harada, Akemi Tomoda, Yushiro Yamashita, Takashi Oshio, et al., "The effectiveness and cost-effectiveness of Well Parent Japan for Japanese mothers of children with ADHD: Protocol for a randomized controlled trial," *JMIR Research Protocols*, 2022, 11(4), e32693.
12. Peng Zhan, Xinxin Ma, Takashi Oshio, and Yibo Mao, "The elderly's health capacity to

- work in China," *China Economic Journal*, 2022, 15(1), 77-92.
13. Yuki Sekine and Takashi Oshio, "Equity and efficiency in the safety net: social security law," in Takashi Yanagawa, Hiroshi Takahashi, and Shinya Ouchi eds., *Econo-Legal Studies*, Springer, 2021, pp. 121-148.
 14. Takashi Oshio, Akiomi Inoue, and Akizumi Tsutsumi, "Role ambiguity as an amplifier of the association between job stressors and workers' psychological ill-being: evidence from an occupational survey in Japan," *Journal of Occupational Health*, 2021, 63(1), e12310.
 15. Takashi Oshio, Akizumi Tsutsumi, and Akiomi Inoue, "Determining whether periodic health checkups have any preventive effect on deterioration in health among middle-aged adults: A hazards model analysis in Japan," *Journal of Occupational Health*, 2021, 63(1), e12291.
 16. Takashi Oshio, "Job dissatisfaction as a predictor of poor health among middle-aged workers: a 14-wave hazards-model analysis in Japan," *Scandinavian Journal of Work, Environment & Health*, 2021, 47(8), 594-599.
 17. Takashi Oshio, "What factors affect the evolution of the wife's mental health after the husband's retirement? Evidence from a population-based nationwide survey in Japan," *Journal of Epidemiology*, 2021, 31(5), 308-314.
 18. Takashi Oshio, "Association between area-level risk of job instability and workers' health: a multi-level analysis using population-based survey data from Japan," *Journal of Epidemiology*, 2021, 31(3), 203-209.
 19. Takashi Oshio, Hiromi Kimura, Toshimi Nishizaki, and Takashi Omori, "How does area-level deprivation depress an individual's self-rated health and life satisfaction? Evidence from a nationwide population-based survey in Japan," *BMC Public Health*, 2021, 21,523.
 20. Marie Hirakawa, Emiko Usui, Nahoko Mitsuyama, and Takashi Oshio, "Chances of pregnancy after dropping out from infertility treatments: evidence from a social survey in Japan," *Reproductive Medicine and Biology*, 2021, 20(2), 246-252.
 21. Masaki Okuda, Yukinobu Ichida, Keita Yamane, Rika Ohtsuka, Miwa Yamaguchi, Rei Goto, Atsuhiko Yamada, Atsushi Sannabe, Naoki Kondo, and Takashi Oshio, "Preferences for the forms of co-payment and advance payment in healthcare services; a discrete choice experiment," *Asian Pacific Journal of Health Economics and Policy*, 2021, 2(2).
 22. Takashi Oshio, Hiromi Kimura, Toshimi Nishizaki, and Takashi Omori, "Association between the use of social networking sites, perceived social support, and life satisfaction: evidence from a population-based survey in Japan," *PLOS ONE*, 2020, 15(12), e0244199.
 23. Xinxin Ma and Takashi Oshio, "The impact of social insurance on health among middle-aged and older adults in rural China: a longitudinal study using a three-wave nationwide survey," *BMC Public Health*, 2020, 20,1842.
 24. Takashi Oshio, "Lingering impact of starting working life during a recession: health outcomes of survivors of the "employment ice age" (1993–2004) in Japan," *Journal of Epidemiology*, 2020, 30(9), 412-419.
 25. Takashi Oshio, "Why is future design needed in Japan? Public finance perspective," in Tatsuyoshi Saijo ed., *Future Design*, Springer, 2020, pp. 187-196.

26. Xinxin Ma, Xiangdan Piao, and Takashi Oshio, "Impact of social participation on health among middle-aged and elderly adults: evidence from longitudinal survey data in China," *BMC Public Health*, 2020, 20, 502.
27. Takashi Oshio, Satoshi Shimizutani, and Akiko S. Oishi, "Examining how elderly employment is associated with institutional disincentives in Japan," *Journal of the Japanese and International Economies*, 2020, 56, 101078.
28. Takashi Oshio, "Exploring the health-relevant poverty line: a study using the data of 663,000 individuals in Japan," *International Journal for Equity in Health*, 2019, 18:205.
29. Takashi Oshio, "Is a positive association between female employment and fertility still spurious in developed countries?" *Demographic Research*, 2019, 41(45), 1277-1288. (selected as an Editor's Choice in Volume 41)
30. Takashi Oshio and Mari Kan, "Does social participation accelerate psychological adaptation to health shocks? Evidence from a national longitudinal survey in Japan," *Quality of Life Research*, 2019, 28, 2125-2133.
31. Takashi Oshio and Mari Kan, "Which is riskier for mental health, living alone or not participating in any social activity? Evidence from a population-based eleven-year survey in Japan," *Social Science & Medicine*, 2019, 233, 64-70.
32. Takashi Oshio and Mari Kan, "Educational level as a predictor of the incidences of non-communicable diseases among middle-aged Japanese: a hazards-model analysis," *BMC Public Health*, 2019, 19, 852.
33. Takashi Oshio and Satoshi Shimizutani, "Health capacity to work and its long-term trend among the Japanese elderly," *Journal of the Japanese and International Economies*, 2019, 51, 76-86.
34. Masashige Saito, Naoki Kondo, Takashi Oshio, Takahiro Tabuchi, and Katsunori Kondo, "Relative deprivation, poverty, and mortality in Japanese older adults: a six-year follow-up of the JAGES cohort survey," *International Journal of Environmental Research and Public Health*, 2019, 16(2), 182.
35. Takashi Oshio and Mari Kan, "Preventive impact of social participation on the onset of non-communicable diseases among middle-aged adults: a 10-wave hazards-model analysis in Japan," *Preventive Medicine*, 2019, 118, 272-278.
36. Takashi Oshio, "Association between successful smoking cessation and changes in marital and job status and health behaviours: evidence from a 10-wave nationwide survey in Japan," *BMC Public Health*, 2018, 18:1051.
37. Takashi Oshio and Mari Kan, "Impact of parents' need for care on middle-aged women's lifestyle and psychological distress: evidence from a nationwide longitudinal survey in Japan," *Health and Quality of Life Outcomes*, 2018, 16, 63.
38. Takashi Oshio, Akiomi Inoue, Akizumi Tsutsumi, "Associations among job demands and resources, work engagement, and psychological distress: fixed-effects model analysis in Japan," *Journal of Occupational Health*, 2018, 60, 254-262.
39. Takashi Oshio and Emiko Usui, "How does informal caregiving affect daughters' employment and mental health in Japan?" *Journal of the Japanese and International Economies*,

2018, 49, 1-7.

40. Takashi Oshio, "Widening disparities in health between educational levels and their determinants in later life: evidence from a nine-year cohort study," *BMC Public Health*, 2018, 18:278.
41. Takashi Oshio, Akiomi Inoue, Akizumi Tsutsumi, Tomoko Suzuki, and Koichi Miyaki, "The reciprocal relationship between sickness presenteeism and psychological distress in response to job stressors: evidence from a three-wave cohort study," *Journal of Occupational Health*, 2017, 59, 552-561.
42. Takashi Oshio, Akiomi Inoue, and Akizumi Tsutsumi, "Examining the mediating effect of work-to-family conflict on the associations between job stressors and employee psychological distress: a prospective cohort study," *BMJ Open*, 2017, 7, e015608.
43. Takashi Oshio and Mari Kan, "The dynamic impact of retirement on health: evidence from a nationwide ten-year panel survey in Japan," *Preventive Medicine*, 2017, 100, 287-293.
44. Takashi Oshio, Akiomi Inoue, and Akizumi Tsutsumi, "Does work-to-family conflict really matter for health? Cross-sectional, prospective cohort and fixed-effects analyses," *Social Science & Medicine*, 2017, 175, 36-42.
45. Takashi Oshio and Emiko Usui, "Informal parental care and female labor supply in Japan," *Applied Economics Letters*, 2017, 24(9), 635-638.
46. Takashi Oshio, "Which is more relevant for perceived happiness, individual-level or area-level social capital? A multilevel mediation analysis," *Journal of Happiness Studies*, 18 (3), 2017, 765-783.
47. Kayo Nozaki and Takashi Oshio, "Multidimensional poverty and perceived happiness: Evidence from China, Japan, and Korea," *Asian Economic Journal*, 30 (3), 2016, 275-293.
48. Satoshi Shimizutani and Takashi Oshio, "Public pension benefits claiming behavior: new evidence from the Japanese Study on Aging and Retirement," *Japanese Economic Review*, 2016, 67 (3), 235-256.
49. Takashi Oshio and Mari Kan, "How do social activities mitigate informal caregivers' psychological distress? Evidence from a nine-year panel survey in Japan," *Health and Quality of Life Outcomes*, 2016, 14:117.
50. Takashi Oshio, Akizumi Tsutsumi, and Akiomi Inoue, "Can leisure-time physical activity improve health checkup results? Evidence from Japanese occupational panel data," *Journal of Occupational Health*, 2016, 58 (4), 354-364.
51. Emiko Usui, Satoshi Shimizutani, and Takashi Oshio, "Are Japanese men of pensionable age underemployed or overemployed?" *Japanese Economic Review*, 2016, 67 (2), 150-168.
52. Kenji Shibuya, Takashi Oshio et al., "Protecting human security: Proposals for the G7 Ise-Shima Summit in Japan," *Lancet*, 2016, 387(10033), 2155-2162
53. Takashi Oshio and Maki Umeda, "Gender-specific linkages of parents' childhood physical abuse and neglect with children's problem behaviour: evidence from Japan," *BMC Public Health*, 2016, 16:403.
54. Takashi Oshio, Akizumi Tsutsumi, and Akiomi Inoue, "The association between job stress

- and leisure-time physical inactivity adjusted for individual attributes: evidence from a Japanese occupational cohort survey," *Scandinavian Journal of Work, Environment & Health*, 2016, 42(3), 228-236.
55. Takashi Oshio, "The association between individual-level social capital and health: cross-sectional, prospective cohort, and fixed-effects models," *Journal of Epidemiology and Community Health*, 2016, 70, 25-30.
 56. Maki Umeda, Takashi Oshio, and Mayu Fujii, "The impact of the experience of childhood poverty on adult health-risk behaviors in Japan: a mediation analysis," *International Journal for Equity in Health*, 2015, 14(145).
 57. Takashi Oshio, "How is an informal caregiver's psychological distress associated with prolonged caregiving? Evidence from a six-wave panel survey in Japan," *Quality of Life Research*, 2015, 24(12), 2907-2915.
 58. Takashi Oshio and Seiichi Inagaki, "The direct and indirect effects of initial job status on midlife psychological distress in Japan: Evidence from a mediation analysis," *Industrial Health*, 2015, 53(4), 311-321.
 59. Takashi Oshio, Akizumi Tsutsumi, and Akiomi Inoue, "Do time-invariant confounders explain away the association between job stress and workers' mental health? Evidence from Japanese occupational panel data," *Social Science & Medicine*, 2015, 126, 138-144.
 60. Takashi Oshio and Mari Kan, "Multidimensional poverty and health: Evidence from a nationwide survey in Japan," *International Journal for Equity in Health*, 2014, 13, 128.
 61. Mayu Fujii, Takashi Oshio, and Satoshi Shimizutani, "Self-rated health status of the Japanese and Europeans in later life: Evidence from JSTAR and SHARE," *Japanese Economic Review*, 2014, 65(4), 483-498.
 62. Takashi Oshio, "The association between involvement in family caregiving and mental health among middle-aged adults in Japan," *Social Science & Medicine*, 2014, 115, 121-129.
 63. Takashi Oshio, Akiomi Inoue, and Akizumi Tsutsumi, "The mediating and moderating effects of workplace social capital on the associations between adverse work characteristics and psychological distress among Japanese workers," *Industrial Health*, 2014, 53(4), 313-323.
 64. Takashi Oshio and Kunio Urakawa, "The association between perceived income inequality and subjective well-being: Evidence from a social survey in Japan," *Social Indicators Research*, 2014, 116(3), 755-770.
 65. Takashi Oshio, Maki Umeda, and Mayu Fujii, "The association of life satisfaction and self-rated health with income dynamics among male employees in Japan," *Japan and the World Economy*, 2013, 28, 143-150.
 66. Satoshi Shimizutani and Takashi Oshio, "Revisiting the labor supply effect of social security earnings test: new evidence from its elimination and reinstatement in Japan," *Japan and the World Economy*, 2013, 28, 99-111.
 67. Takashi Oshio, Maki Umeda, and Norito Kawakami, "The impact of interpersonal childhood adversity on adult mental health: How much is mediated by social support and socioeconomic status in Japan?" *Public Health*, 2013, 127(8), 754-760.
 68. Takashi Oshio, Maki Umeda, and Norito Kawakami, "Childhood adversity and adulthood

- subjective well-being: Evidence from Japan," *Journal of Happiness Studies*, 2013, 14(3), 843-860.
69. Takashi Oshio, Kayo Nozaki, and Miki Kobayashi, "Division of household labor and marital satisfaction in China, Japan, and Korea," *Journal of Family and Economic Issues*, 2013, 34(2), 211-223.
 70. Kazumasa Oguro, Takashi Oshio and Junichiro Takahata, "Ability transmission, endogenous fertility, and educational subsidy," *Applied Economics*, 2013, 45(17), 2469-2479.
 71. Kazumasa Oguro, Manabu Shimasawa, Reiko Aoki and Takashi Oshio, "Demographic change, intergenerational altruism, and fiscal policy: A political economy approach," *Studies in Applied Economics*, 2012, 6, 1-15.
 72. Masakazu Hojo and Takashi Oshio, "What factors determine student performance in East Asia? New evidence from TIMSS 2007," *Asian Economic Journal*, 2012, 26(4), 333-357.
 73. Takashi Oshio and Kunio Urakawa, "Neighbourhood satisfaction, self-rated health, and psychological attributes: A multilevel analysis in Japan," *Journal of Environmental Psychology*, 2012, 32(4), 410-417.
 74. Takashi Oshio, "Gender differences in the associations of life satisfaction with family and social relations among the Japanese elderly," *Journal of Cross-Cultural Gerontology*, 2012, 27(3), 259-274.
 75. Takashi Oshio, Kayo Nozaki, and Miki Kobayashi, "Relative income and happiness in Asia: Evidence from nationwide surveys in China, Japan, and Korea," *Social Indicators Research*, 2011, 104(3), 351-367.
 76. Takashi Oshio and Miki Kobayashi, "Area-level income inequality and individual happiness: Evidence from Japan," *Journal of Happiness Studies*, 2011, 12(4), 633-649.
 77. Takashi Oshio, Akiko Sato Oishi, and Satoshi Shimizutani, "Social security reforms and labor force participation of the elderly in Japan," *Japanese Economic Review*, 2011, 62(2), 248-271.
 78. Kunio Urakawa and Takashi Oshio, "Comparing marginal commodity tax reforms in Japan and Korea," *Journal of Asian Economics*, 2010, 21(6), 579-592.
 79. Takashi Oshio, Shinpei Sano, Yuko Ueno, and Koichiro Mino, "Evaluations by parents of education reforms: Evidence from a parent survey in Japan," *Education Economics*, 2010, 18(2), 229-246.
 80. Takashi Oshio, Shinpei Sano, and Miki Kobayashi, "Child poverty as a determinant of life outcomes: Evidence from nationwide surveys in Japan," *Social Indicators Research*, 2010, 99(1), 81-99.
 81. Takashi Oshio and Miki Kobayashi, "Income inequality, perceived happiness, and self-rated health: Evidence from nationwide surveys in Japan," *Social Science & Medicine*, 2010, 70(9), 1358-1366.
 82. Satoshi Shimizutani and Takashi Oshio, "New evidence on the initial transition from career job to retirement in Japan," *Industrial Relations*, 2010, 49(2), 248-274.
 83. Takashi Oshio and Miki Kobayashi, "Income inequality, area-level poverty, perceived

- aversion to inequality and self-rated health in Japan," *Social Science & Medicine*, 2009, 69(3), 317-326.
84. Takashi Oshio and Masaya Yasuoka, "How long should we stay in education if ability is screened?" *Metroeconomica*, 2009, 60(3), 409-431.
 85. Takashi Oshio and Masaya Yasuoka, "Maximum size of social security in a model of endogenous fertility," *Economics Bulletin*, 2009, 29(2), 644-654.
 86. Richard V. Burkhauser, Takashi Oshio and Ludmila Rovba, "How the distribution of after-tax income changed over the 1990s business cycle: a comparison of the United States, Great Britain, Germany and Japan," *Journal of Income Distribution*, 2008, 17(1), 87-109.
 87. Masaya Yasuoka and Takashi Oshio, "The optimal and accepted sizes of social security under uncertainty," *Japanese Journal of Social Security Policy*, 2008, 17(1), 25-30.
 88. Takashi Oshio, "Which is more welfare-improving, social security reform or childcare support?" *Pravartak: Journal of Insurance and Risk Management*, 2008, 3(2), 49-55.
 89. Richard V. Burkhauser, Takashi Oshio and Ludmila Rovba, "Winners and losers over the 1990s business cycles in Germany, Great Britain, Japan, and the United States," *Journal of Applied Social Science Studies*, 2007, 127(1), 75-84.
 90. Takashi Oshio, Eiji Tajika and Tetsuo Fukawa, "Introduction to the Special Issue of the JID on Income Inequality in Japan," *Journal of Income Distribution*, 2007, 16(3-4), 2-8.
 91. Fukawa Tetsuo, and Takashi Oshio, "Income inequality trends and their challenges to redistribution policies in Japan," *Journal of Income Distribution*, 2007, 16(3-4), 9-30.
 92. Takashi Oshio, "Optimal education policies under an equity-efficiency trade-off," in *Population Change, Labor Markets and Sustainable Growth*, eds. by A. Mason and M. Yamaguchi, Elsevier, 2007, 211-242.
 93. Takashi Oshio, "Income inequality and redistribution policies in Japan during the 1980s and 1990s," *Journal of Income Distribution*, 2006, 15 (Index Issue), 119-146.
 94. Akiko S. Oishi and Takashi Oshio, "Coresidence with parents and a wife's decision to work in Japan," *Japanese Journal of Social Security Policy*, 2006, 5(1), 35-48.
 95. Takashi Oshio, "Social security and intragenerational redistribution of lifetime income in Japan," *Japanese Economic Review*, 2005, 56(1), 105-139.
 96. Takashi Oshio and Satoshi Shimizutani, "The impact of public pension benefits on income and poverty of the elderly in Japan," *Japanese Journal of Social Security Policy*, 2005, 4(2), 54-66.
 97. Takashi Oshio, "Social security and trust fund management," *Journal of the Japanese and International Economies*, 2004, 18(4), 528-550.
 98. Takashi Oshio, "Intra-age, inter-age and lifetime income redistribution," *Journal of Population and Social Security*, 2002, 1(1), 36-49.

Other articles:

1. Takashi Oshio, Akiko S. Oishi, and Satoshi Shimizutani, "Social security programs and elderly employment in Japan," in Axel Börsh-Supan and Courtney C. Coile eds., *Social Security Programs and Retirement around the World: Reforms and Retirement Incentives*, The University of Chicago Press, 2021, pp. 271-296.
2. Takashi Oshio, "Health capacity to work and its long-term trend among the Japanese elderly," in Xinxin Ma ed., *Employment, Retirement and Lifestyle in Aging East Asia*, Springer, 2021, pp. 133-160.
3. Takashi Oshio, Emiko Usui, and Satoshi Shimizutani "Labor force participation of the elderly in Japan," in Courtney C. Coile, Kevin Milligan, and David A. Wise eds., *Social Security Programs and Retirement around the World: Working Longer*, The University of Chicago Press, 2019, pp. 163-178.
4. Emiko Usui, Satoshi Shimizutani, and Takashi Oshio "Health capacity to work at older ages: evidence from Japan," in David A. Wise ed., *Social Security Programs and Retirement around the World: The Capacity to Work at Older Ages*, The University of Chicago Press, 2017, pp. 219-241.
5. Satoshi Shimizutani, Takashi Oshio, and Mayu Fujii, "Option value of work, health status, and retirement decisions in Japan: Evidence from the Japanese Study on Aging and retirement (JSTAR)," in David A. Wise ed., *Social Security Programs and Retirement around the World: Disability Insurance Programs and Retirement*, The University of Chicago Press, 2015, pp.497-535.
6. Takashi Oshio and Kazumasa Oguro, "Fiscal sustainability under an aging population in Japan: A financial market perspective," *Public Policy Review*, 9(4), 2013, pp.735-750.
7. Takashi Oshio and Satoshi Shimizutani, "Disability pension program and labor force participation in Japan: A Historical Perspective," in David A. Wise ed., *Social Security Programs and Retirement around the World: Historical Trends in Mortality and Health, Employment, and Disability Insurance Participation and Reforms*, The University of Chicago Press, 2012, pp.391-417.
8. Takashi Oshio, Shinpei Sano, and Kaori Suetomi, "Estimate of the production function of education: Combined junior/senior high schools," *The Japanese Economy*, 37(2), 2010, pp.83-119.
9. Takashi Oshio, Satoshi Shimizutani, Akiko Sato Oishi, "Does social security induce withdrawal of the old from the labor force and create jobs for the young? The case of Japan," in *Social Security Programs and Retirement around the World: The Relationship to Youth Employment*, eds. by J. Gruber and D.A. Wise, The University of Chicago Press, 2010, pp.217-241.
10. Akio S. Oishi and Takashi Oshio, "Financial implications of social security reforms in Japan," in *Social Security Programs and Retirement around the World: Fiscal Implications*, eds. by J. Gruber and D.A. Wise, The University of Chicago Press, 2007, pp.295-326.
11. Takashi Oshio and Wataru Seno, "The economics of education in Japan: A survey of

- empirical studies and unresolved issues," *The Japanese Economy*, 34(1), 2007, pp.46-81.
12. Akio S. Oishi and Takashi Oshio, "Social security and retirement in Japan: an evaluation using micro-data," in *Social Security Programs and Retirement around the World*, ed. by J. Gruber and D. Wise, The University of Chicago Press, 2004, pp.399-460.
 13. Takashi Oshio, "Childcare support and social security reform," *Kobe University Economic Review*, 50, 2004, pp.59-80.
 14. Naohiro Yashiro and Takashi Oshio, "Social security and retirement in Japan," in *Social Security and Retirement around the World*, eds. by J. Gruber and D. Wise, The University of Chicago Press, 1999, pp.239-267.