

Contact Details:

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Employment:

- Since 2012: University of Aberdeen, Assistant Professor in Economics,
jointly with the Health Economics Research Unit
- 2009 – 2012: Teaching Assistant, University of Warwick
- 2010 Summer: Intern, Centre for Educational Research and Innovation, OECD, Paris
- 2006 Summer: Research Assistant to Prof. Yasuyuki Todo, Tokyo

Other Affiliations:

Since 2012: Institute for the Study of Labour (IZA), Research Affiliate

Higher Education:

- 2007 – 2012: PhD Economics, University of Warwick (completed in December 2012)
Thesis Title: “Identification of Causal Effects using the 1995 Earthquake in Japan: Studies of Education and Health”
Advisors: Prof. Wiji Arulampalam, Prof. Robin Naylor and Dr. Fabian Waldinger
Thesis Examiners: Prof. Victor Lavy (Internal) and Prof. Sonia Bhalotra (External)
- 2006 – 2007: MSc Economics, University of Warwick (Distinction in dissertation)
- 2004 – 2006: MA Economics/Economic Policy, Tokyo Metropolitan University (First class)
- 2000 – 2004: BA Economics, Tokyo Metropolitan University

Research Interest:

Main fields: Labour Economics, Health Economics, Economics of Education

Secondary fields: Applied Econometrics, Economics of Crime

Publication:

“Donating Time to Charity: Working for Nothing?”, *forthcoming in Oxford Economic Papers*. Awarded the Cairncross Prize for the best paper by young economist in the Scottish Economic Society.

“Are Immigrants More Likely to Commit Crimes? Evidence from France” (with Yasuyuki Todo), *Applied Economics Letters*, 2009, vol. 16, issue 15, pp. 1537 – 1541.

Working papers

“English Language Skills and Socioeconomic Segregation of UK Immigrants” (with Lualhati Santiago), University of Aberdeen Discussion Paper in Economics, No. 7, Vol. 16, 2016.

Abstract: This paper investigates the effect of English language skills on labour market outcomes and on residential deprivation and congregation of immigrants in England and Wales. To identify the causal effect of English language skills, we exploit the phenomenon that young children learn a new language more easily than older children, and use age at arrival in the United Kingdom to construct an instrument for language skills. Our analysis makes use of a unique dataset that links England and Wales 2011 Census data to the English Index of Multiple Deprivation, which measures relative deprivation in England. We find that better English skills significantly raise the likelihood of labour market participation and of having a professional occupation, while they significantly reduce the likelihood of being self-employed. Language skills also have a considerable impact on residential deprivation and congregation: poorer English skills lead immigrants to live in more deprived areas and in local authority districts with higher concentrations of people who speak their native language, although they do not lead them to move into local authorities with higher concentrations of people born in the same region of the world or people from their same ethnic group.

“Education, Health and Fertility of UK immigrants: The Role of Language Skills” (with Lualhati Santiago), IZA Discussion Paper No. 9498, 2015.

Abstract: This paper aims to identify the causal effect of English language skills on education, health and fertility outcomes of immigrants in England and Wales. We construct an instrument for language skills using age at arrival in the United Kingdom, exploiting the fact that young children learn languages more easily than older children and adults. Using a unique individual-level dataset that links 2011 census data to life event records for the population living in England and Wales, we find that better English language skills significantly lower the probability of having no qualifications and raise that of obtaining academic degrees, but do not affect child health and self-reported adult health. The impact of language on fertility outcomes is also considerable: better English skills significantly delay the age at which a woman has her first child, lower the likelihood of becoming a teenage mother, and decrease fertility.

“More Schooling, Less Youth Crime? Learning from an Earthquake in Japan”, IZA Discussion Paper No. 8619, 2014.

Abstract: This paper aims to identify the causal effect of schooling on youth crime. To identify the causal effect, I use the policy interventions that occurred after an earthquake as a natural experiment inducing exogenous variation in schooling. Based on a comparison of the arrest rates between two sets of municipalities that were exposed to similar degrees of earthquake damage, one of which was eligible to receive educational support and one of which was not, I find that a higher high school participation rate reduced juvenile arrest rates for assault and sexual offense but not for theft, robbery and extortion. Various theoretical predictions regarding the relationship between education and crime are discussed to infer operating mechanisms through which schooling affected particular types of crime.

Work in progress

“Intergenerational Aspects of English Language Proficiency: How Do Parental Language Skills Affect Socio-Economic Outcomes of Second-generation Immigrants?” (with Lualhati Santiago)

“Early Life Health Shocks and Later Health and Education Outcomes”

Policy paper:

“Speak well, do well - English language proficiency and health and social outcomes of UK immigrants”, *Health Economics Research Unit Policy Brief*, University of Aberdeen, 2016.

“FDI and Economic Growth in Less Developed Countries: A Theoretical and Empirical Survey” (with Yasuyuki Todo), *OECD Journal General Papers*, 2008, vol. 2008, no. 1, pp. 1 – 186.

Research grants, scholarships and awards:

Awards

2013: **Winner of the Cairncross Prize for the best paper by a young economist**, Scottish Economic Society 2013 Annual Conference (£1,000)

Grants

2015: Early Career Engagement Grant by the Scottish Institute for Research in Economics (£3,120)

2014: Research Grant by the Carnegie Trust for the Universities of Scotland (£2,366)

Scholarships

2008 – 2011: Study Abroad Programme Bursary for graduate students from the Ministry of Education, Culture, Sports, Science and Technology, Japan (£54,160)

2004 – 2006: Scholarship for graduate studies from the Japan Student Services Organisation, Japan (£13,920)

2000 – 2004: Scholarship for undergraduate studies from the Japan Scholarship Foundation, Japan (£14,720)

Teaching:

Current

Postgraduate: *Quantitative Methods*
Topics in Health Economics and Econometrics
Economics of the Health Workforce

Undergraduate: *Health Economics (Honours)*

Past

Undergraduate: *Microeconometrics; Econometrics; Mathematical and Statistical Techniques*

Refereeing:

Applied Economics, Journal of Economic Behaviour and Organization, Scottish Journal of Political Economy

Conferences and Seminars:

- 2016: IZA Migration Meeting at Bonn; International Association for Applied Econometrics Conference at Milan.
- 2015: EALE-SOLE at Montreal; Alicante University Health Workshop; Essen Health Conference; Applied Economics of Education Workshop at Catanzaro Italy; Heriot-Watt University seminar; The CPB Netherlands Bureau for Economic Policy Analysis seminar.
- 2014: EEA-ESEM at Toulouse; EALE at Slovenia; Scottish Economic Society at Perth.
- 2013: SIRE Forum at Edinburgh University; ESPE at Aarhus Denmark; Newcastle University seminar; Conference on Health and Labour at Le Mans France; Stirling University seminar; Economics of Disasters Conference at Brunel University; Scottish Economic Society at Perth.
- 2012: EEA-ESEM at Malaga; RES at London; Warwick University seminar; Applied Microeconometrics and Public Policy Conference at Ireland Galway.
- 2011: CEPR / IZA Symposium in Labour Economics at Munich; EEA-ESEM at Oslo; Warwick University seminar.
- 2010: IZA Summer School in Labour Economics at Munich; Warwick University seminar; Applied Economics of Education Workshop at Catanzaro Italy.

Personal information: Nationality: Japanese

Languages: Japanese (native), English (fluent), French (intermediate)