

## **Contact Details**

Department of Economics  
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## **Employment**

Since 2012: University of Aberdeen, Lecturer (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 for Prof. Yasuyuki Todo, Tokyo

## **External Affiliation**

Since 2017: Institute for the Study of Labour (IZA), Research Fellow  
2012–2017: 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. Sonia Bhalotra and Prof. Victor Lavy  
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

Secondary fields: Applied Econometrics, Economics of Crime, Economics of Education

## **Publications**

“Donating time to charity: Working for nothing?”, *Oxford Economic Papers*, 2017, vol. 69, issue 1, pp.97-117.

- Award: Cairncross Prize for the best paper by an early-career economist in the Scottish Economic Society.
- Media coverage: BBC Radio Scotland, The Times, Daily Mail, Daily Express and Evening Express.
- Accompanying academic blog: “The power of volunteering: You make me happy and I make you happy”, *Oxford University Press Blog*, October 2016.

“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**

“Speak better, do better? Education and health of migrants in the UK” (with Lualhati Santiago).  
*Revise and Resubmit, Labour Economics*.

Abstract: Does proficiency in host-country language affect immigrant social outcomes? This paper aims to address this question by estimating the causal effects 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 phenomenon that young children learn languages more easily than older children. Using a unique individual-level dataset that links the 2011 Census data to life event records, we find that better English language skills significantly improve educational attainment and adult health, and affect fertility behaviour, but do not affect child health. Supplementary analysis suggests that a higher educational attainment as a result of better English language skills is a possible important channel through which English proficiency affects immigrant self-reported health.

“Deprivation, segregation, and socioeconomic class of UK immigrants. Does English proficiency matter?” (with Lualhati Santiago).

Abstract: This article studies the causal effect of English proficiency on residential location outcomes and the socioeconomic class of immigrants in England and Wales, exploiting a natural experiment. Based on the phenomenon that young children learn a new language more easily than older children, we construct an instrument for English proficiency using age at arrival in the United Kingdom. Taking advantage of a unique dataset, we measure the extent of residential segregation along different dimensions, and find that poor English skills lead immigrants to live in areas with a high concentration of people who speak their same native language, but not necessarily in areas with a high concentration of people of their same ethnicity or country of birth. This finding could suggest that, for immigrants with poor English proficiency, what matters for their residential location decision is language spoken by residents, as opposed to ethnicity or country of birth. We also find that language skills have an impact on the occupation-based socioeconomic class of immigrants: Poor English skills reduce the likelihood of being in the occupation-based class ‘higher managerial and professional’ and increase that of being in the class ‘self-employment’.

“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**

“Evaluating the Food for Life programme: Eat better, live better” (with Wiji Arulampalam)

“Childhood obesity and academic performance” (with Wiji Arulampalam)

“Intergenerational aspects of English proficiency: Language skills of parents and socioeconomic outcomes of second-generation immigrants” (with Lualhati Santiago)

## **Policy Papers**

“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.

## **Scholarships, Awards, and Research Grants**

### 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)

### Awards

2013: Winner of the Cairncross Prize for the best paper by an early-career 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)

## **Teaching**

### Current

Postgraduate: *Quantitative Methods (Course coordinator)*

Undergraduate (Honours): *Health Economics*

### Past

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

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

## **Refereeing**

Applied Economics; Economics and Human Biology; Journal of Economic Behaviour and Organization;  
National Tax Journal; Scottish Journal of Political Economy.

## **Conferences and Seminars**

- 2017: SOLE at Raleigh; EEA-ESEM at Lisbon; Oxford Workshop on Immigration, Health and Well-Being; ESPE at Glasgow; University of Dundee.
- 2016: IZA Migration Meeting at Bonn; International Association for Applied Econometrics Conference at Milan; University of Warwick.
- 2015: EALE-SOLE at Montreal; Alicante University Health Workshop; Essen Health Conference; Applied Economics of Education Workshop at Catanzaro Italy; University of Heriot-Watt; 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; University of Newcastle; Conference on Health and Labour at Le Mans France; University of Stirling; Economics of Disasters Conference at Brunel University; Scottish Economic Society at Perth.
- 2012: EEA-ESEM at Malaga; RES at London; University of Warwick; Applied Microeconometrics and Public Policy Conference at Ireland Galway.
- 2011: EEA-ESEM at Oslo; University of Warwick; CEPR / IZA Symposium in Labour Economics at Munich.
- 2010: IZA Summer School in Labour Economics at Munich; University of Warwick; Applied Economics of Education Workshop at Catanzaro Italy.

## **Personal Information**

Nationality: Japanese

Sex: Female

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