

demoz

Newsletter of the Australian Population Association

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APA NEWS

Vice-President's message

The year is racing past with 2016 half gone, and our President is enjoying herself in Europe. I'm sure she's taking account of important population developments as well as sampling local wine from different regions.

Most of our efforts in the past few months have been focussed on getting ready for the 2016 Australian Population Association Conference taking place in Sydney from 29 November to 2 December 2016. The conference theme is "People. Cities. Futures". If you haven't already visited the conference webpage I encourage you to do so by clicking [here](#).

So what can you do to help make our conference a success?

- Spread the word – share the web link among your peers and colleagues, highlight it in newsletters, use the hashtag #ozpop16 in your tweets
- Submit an abstract – share your work via a paper or poster to be presented at the conference
- Identify sponsors – talk to organisations who may be able to sponsor the conference, or talk to the executive about potential sponsors that the organising committee could approach. There is a range of options, from conference partner to sponsoring morning tea.

The executive has also worked hard in relation to a new membership fee structure to make sure that our organisation has long-term financial viability. You will have received an email from Simon Massey, APA Secretary, about the new structure. If you have any questions, please talk to the executive.

We are also on a countdown to the 2016 Census. It's a big event for all of us who are interested in populations. I've been concerned by the media coverage encouraging people not to fill in the Census form. I have been spending a lot of time talking about the importance of having a full enumeration of the population – I would encourage you all to do the same if you get the opportunity!

I look forward to seeing you all in November at the conference!

Kim Johnstone

Editor's message

Welcome to the second edition of Demoz for 2016. Thank you to all those who kindly contributed items of interest.

I hope that the first half of 2016 has been happy and productive for you. Australian demographers certainly seem to have been busy, judging from the reports included in this newsletter.

If you have any additional material that you would like to see included in the next Demoz issue, or any ideas for improving our publication, please get in touch with Amina or me. Contributions to this bi-annual publication are welcome at any time. Our contact details are included at the end of the publication.

Genevieve Heard

NEWS FROM STATISTICAL ORGANISATIONS & STATE GOVERNMENTS

Australian Bureau of Statistics

2016 is a Census year for the ABS so, as you can imagine, the Demography section is busy preparing to receive Census data so that we can rebase our population estimates. This time, we are expecting more than two thirds of Australia's population to complete their Census form online.

Everyone counts, and we want to count everyone - so put the 9 August 2016 in your calendar!

Demography program highlights

The ABS Demography program has a substantial schedule of releases each year. Highlights since the last issue of Demoz include:

- *Australian Demographic Statistics, September, 2016 (3101.0)* was released on 24 March, 2016. Highlights included: more people moving to Victoria, Australia's growth at 1.3% and Net Overseas Migration falling slightly.
- *Regional Population Growth Australia, 2014-15* was released on 30 March 2016. This release shows which SA2s and LGAs have the largest and fastest growth around Australia. It found that Melbourne is our fastest growing state/territory capital.
- The second series of *Regional Internal Migration Estimates (RIME)* based on the Australian Statistical Geography Standard, including SA2s and LGAs was released on 30 March 2016. It included estimates for 2014-15, along with minor revisions to 2006-07 to 2013-14. Subsets of the RIME series can be found in *Migration, Australia, 2014-15 (cat. no. 3412.0)*.
- *Migration, Australia, 2014-15 (3412.0)* was released on 30 March 2016. It provides statistics relating to the estimated resident population (ERP) by country of birth, overseas migration and interstate migration.

Estimating Temporary Populations project - ABS Demography is excited to be partnering with the Queensland Centre for Population Research in a project announced in the Australian Research Council's 2016 round 1 Research Projects scheme. This three-year project aims to develop a novel series of population estimates for Australian regions and localities that encompasses visitors and other temporary movements, and complement existing estimates of resident populations. Further information later in this issue of Demoz.

Changes to the way outgoing passenger cards are collected - From August 2015 onwards, the Department of Immigration and Border Protection (DIBP) has progressively rolled out Departure SmartGates to streamline border operations. Coinciding with the roll-out of Departure SmartGates, there has been an increase in outgoing passenger cards not being collected due to passengers failing to place their cards into the drop boxes provided. The ABS and DIBP are working together to minimise the impact of this issue on the quality of population data.

Upcoming ABS releases

- **2016 Australian Statistical Geographic Standard (ASGS) will be released on 12 July 2016!** Volume 1 outlines the building block and conceptual basis of the standard, Mesh Blocks, regions of the main structure, the Greater Capital City Statistical Areas and their relationships to each other. These boundaries have been updated taking into account real world changes relating to population and infrastructure. Digital boundaries and allocation tables for these regions can be obtained as downloads within this product. These boundaries are among the suite that will be used for the release of 2016 Census data. This publication is the first in a series of five annual Volumes that detail the various structures and regions of the Australian Statistical Geographic Standard (ASGS).

- **Population by Age and Sex, Regions of Australia, 2015 (cat. no. 3235.0)** will be released on 18 August 2016. This release will include the age and sex distribution of populations at the SA2 level and above as at 30 June 2015, as well as changes to these distributions over five years (2010-2015). Estimates will also be provided for Local Government Areas (LGAs) based on 2015 boundaries.

ABS Population Estimates Technical Workshop

Planning is underway for the annual Population Estimates Technical Workshop for later in the year (October) to be held in conjunction with the Australia New Zealand Population Workshop. This year, the event will be hosted by the Victorian Department of Environment, Land, Water and Planning.

Ms. Beidar Cho
Director, Demography, ABS

NSW Department of Planning & Environment

The Demography Unit continues to provide evidence to support strategic planning. Over the past six months, this included informing the development of draft regional plans for Central West and Orana, Riverina Murray, and South East and Tablelands Regions.

New format for population updates

This year a new delivery mode was introduced for population updates prepared by the Demography Unit. We have moved to monthly updates delivered live via the [Department of Planning and Environment's webpage](#). Monthly updates with links to stories are emailed to registered subscribers. APA members who were on our mailing list for the PDF version of the population bulletin were transferred to the mailing list for the new format. Members who want to receive updates can register via the [webpage](#).

New LGA boundaries

In May, 19 new councils were announced in NSW. The new councils are amalgamations of former councils. Most of the new councils are the result of mergers between whole councils. However, two of the new councils arise from five councils being split. The Demography team has been working to provide population estimates of the new boundaries and to help users of population data understand the impact. More information about the new councils is available on the [Stronger Councils webpage](#).

Publications

Stephanie Hull had an article published in *Inner Sydney Voice* (Autumn 2016), titled "[Seniors: an increasingly important part of communities](#)".

Staff changes

Stephanie Hull who has been working with the team on a part-time basis joins us as a full-time Demographer from June 2016. Stephanie has worked for several years at Macquarie University, tutoring demography and doing research.

Dr Kate Harrington joins us as Director, Demography and Planning Statistics. Kate has worked in the NSW public sector for almost 20 years across a range of portfolios. She created the NSW Data Analytics Centre and the *Data Sharing (Government Sector) Act, 2015*. In 2011 she won the NSW Premier's Award for Innovation Through Technology. Her PhD from UNSW was on the effectiveness of ICT implementation on public sector reform.

Kim Johnstone

NEWS FROM RESEARCH CENTRES & INSTITUTES

School of Demography, ANU

Recent events

The [International Conference on Afghan Migration: Researching Aspirations, Movements, Demography & Integration](#) was held in March with speakers from around the world. The conference sought to place Afghan migration to Europe and Australia within a broader global context by drawing on recent research on Afghan migration to its nearest neighbours, within the sub-region, to and through transit countries and to final destination countries.

A Round Table Discussion was held at the beginning of April with the Foreign Secretary of the Government of Bangladesh, Mr Md. Shahidul Haque, to discuss issues concerning the Ninth Global Forum on Migration and Development.

A [Workshop on Heterogeneity in Mortality](#) was held in April. Participants included demographers, epidemiologists, actuaries, statisticians and other social scientists from several Australian and overseas universities and Australian government departments. This Workshop investigated the mortality decline and the evolution of differentials to gain a better understanding of the underlying causes of relative advantage and disadvantage in current mortality in Australia. The Workshop also addressed important issues regarding the availability of data in Australia for the study of differentials in mortality.

Academics from Yangon University in Myanmar attended an intensive training program in [Social and Demographic Research Methods](#) in May. This is the fourth and final group to come to ANU for this course with the aim of developing the capacity at Yangon University to undertake multi-disciplinary research aligned with Myanmar's development needs.

A memorial service was held on 25 May in the Common Room at University House to celebrate Professor John (Jack) C. Caldwell's academic achievements. The Vice Chancellor Brian Schmidt, Peter McDonald, Terry Hull, Ann Larson, Bob Douglas and Colin Caldwell gave talks on his career and life.

Visitors and guest speakers

Professor Jon Anson from Ben Gurion University of the Negev was a Visiting Fellow from 1 March - 21 April. Jon gave a public lecture titled '[Social patterns of mortality: A window on the world we live in](#)'. He also spoke at the Workshop on Heterogeneity in Mortality held in April.

Dr Annette Erlangsen from the University of Southern Denmark, visited from 4-31 January. Annette gave a seminar on '[Psychosocial therapy to people at risk of suicide in the Danish Suicide Prevention Clinics: A register-based multicenter study](#)'.

Dr Caroline Kabiru, from the African Population and Health Research Centre (APHRC) in Nairobi, was awarded the 2015 John C Caldwell Visiting Fellowship for African Researchers and visited the Australian National University in April and May. Her research centres on issues related to adolescent and youth health, including resilience and positive youth development. She gave a public lecture on '[Adolescent health and wellbeing in Africa: What do we know and what next? Reflections from a Kenyan perspective](#)'.

Dr Yingchun Ji from Shanghai University was a Visiting Fellow from 6 April - 20 May. Yingchun gave a seminar titled '[Through the narrowing path: Changing social norms and becoming 'leftover' women in contemporary China](#)'.

Dr Lei Zhang, from the Institute of Population Research at Peking University, has been a Visiting Fellow in the School of Demography for the past 12 months. She gave a seminar titled, '[Trends of the elderly with disabilities and their need for rehabilitation services, 2006-2050: Implications for the future of China](#)'.

Mark Morrison from the Research Design and Analysis Section of the Strategic Information Division in the Department of Human Services gave a seminar on '[Disadvantaged families and life course studies](#)'. This was followed by an information session on accessing administrative data.

Conferences and international exchange

In January and February Heather Booth visited the University of Newcastle (UK) and University of Oxford and gave a public lecture at the Oxford Institute of Population Ageing titled, 'The process of population ageing and its challenges in Asia'.

The 8th Asia-Pacific Conference on Sexual and Reproductive Health and Rights (APCSRHR) was held in NayPyiTaw, Myanmar 23-26 February 2016. Terry Hull has attended all of this conference series and participated in the formulation of conference declarations and program planning. The NayPyiTaw conference was notable for a very active Youth Conference and the participation of a large number of NGO representatives, academic scholars and legislators. While the emphasis of the meeting is on advocacy for reproductive and sexual rights, there are also many papers presenting recent research findings, and critical overviews of government programs. The [9th APCSRHR](#) will be held in Vietnam, 27-30 November 2017.

In March, James Raymer gave a Süßmilch Lecture and a talk on 'Frans Willekens' professional life' at a symposium in honour of Frans Willekens' 70th birthday at the Max Planck Institute for Demographic Research in Rostock, Germany.

At the end of March, Ann Evans, Edith Gray, Brian Houle, Terry Hull, Adrian Hayes, Peter McDonald and Helen Moyle travelled to Washington DC to participate in the 2016 Annual Meeting of the Population Association of America.

At the beginning of April, James Raymer and Zhongwei Zhao visited and gave talks at the Centre for Population and Development Studies at People's University of China (Beijing), the Xi'an Jiantong – Stanford University Academic Summit (Xi'an), the Asian Demographic Research Institute at Shanghai University and at the Centre for Population and Development Studies at Fudan University (Shanghai).

Working in conjunction with the University of Melbourne and the Bloomberg-DFAT sponsored Data for Health initiative (D4H) Terry Hull has been visiting Indonesia over the last year to help plan interventions for the improvement of the Ministry of Home Affairs' Civil Registration system, and the Ministry of Health's practices for recording causes of death. It is hoped that the project will get under way in July 2016 and that substantial progress will be made in training and publications by the target end date of March 2019.

Staff movements

Dr Yi Li has been appointed as a Lecturer in Demography and will commence in July. He is from the Center for Population Health and Aging at Duke University.

Associate Prof. Bruce Smyth will move to the ANU Centre for Social Research on 1 July. Meimanat Hosseini-Chavoshi, Peter McDonald, Helen Moyle and Jeromey Temple will move to the University of Melbourne to open a new Demography Unit in its School of Population and Global Health on 1 July.

Student news

Cuc Hoang has been awarded the degree of Doctor of Philosophy for her thesis titled, 'Modes of care for the elderly in Vietnam: Adaptation to change'.

Three new students have begun their doctoral studies this year. Muhammad Ulil Absor will be working on 'Enabling aged friendly environment in rural areas: Implication to social protection and successful aging in Indonesia'; Meg Kingsley on 'Inequality in the work-family interface and the influence on children's socio-emotional and cognitive outcomes in Australia'; and James O'Donnell on understanding the dynamics of homelessness in Australia.

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Jenny White

The Northern Institute, Charles Darwin University

Research and teaching activities in brief

- We are working with the Northern Territory Department of Treasury and Finance to develop a new population projection model for the Northern Territory and its sub-regions. After testing and validation the model will be used for outputting projections based on 2016 Census year population estimates.
- Tony Barnes and Andrew Taylor are collaborators on an NHMRC project with Menzies School of Health Research (MSHR) and the University of Melbourne titled: *Optimising interventions to reduce the burden of Group A streptococcus in Indigenous communities*. We are providing demographic data and advice for modelling the contact and transmission patterns for Group A streptococcus and scabies within Indigenous communities.
- Recently we have completed work led by Huw Brokensha to provide estimates of anticipated NDIS clients for the rollout of the scheme to the Northern Territory. The results are being used in negotiations between the Northern Territory Government and Australian Government over funding of the scheme.
- Dean and Doris Carson have won a prestigious Swedish Research Council grant to develop agent-based models of demographic change in small rural and remote settlements. This builds on work conducted with small Indigenous communities in the Northern Territory over the past five years.
- Work on two ARC projects involving Tom Wilson continues apace. These are:
 - Improving Subnational Population Forecasts. ARC Discovery Project. Collaborators: Francisco Rowe (UQ), Ludi Simpson (University of Manchester).
 - The Demographic Consequences of Migration to, from and within Australia. ARC Discovery Project. Collaborators: James Raymer (ANU).
- In relation to the former, Huw Brokensha is working on an ARC Discovery Project that is exploring the accuracy of sub-national population forecasts in order to develop methods to improve their accuracy and to develop methods to estimate the uncertainty. Dr. Tom Wilson is the Chief Investigator for this

project. Broadly, the aim of this project is to make significant advances in two related areas of regional, council area and local population forecasting: improving accuracy, and providing an indication of forecast uncertainty.

- Dean Carson is part of an international collaboration awarded funding by the Canadian Social Sciences and Humanities Research Council to examine "Mining and Indigenous Livelihoods" (Mineral). The project is led by Laval University in Canada, and includes partners in Sweden, France, and New Caledonia.
- Dean Carson has been appointed Leader of the Evaluation Work Package for a large European Commission grant implementing strategies to improve the recruitment and retention of professional workers in Europe's sparsely populated northern periphery. The work will be undertaken in Scotland, Norway, Iceland and Sweden, with contributions from the Northern Ontario School of Medicine, Canada.
- Tony Barnes is providing technical advice to a MSHR Child Development and Education Research Partnership on data linkage for health and education records.
- Dean Carson has been appointed Chief Investigator for Australia's forthcoming 'National Rural General Practice Study'. The Study will involve a number of medical schools in Australia, and examine changes in the workforce since the first national study (for which Dean was the research fellow) in the mid 1990s.
- A collaborative research grant with the MSHR led by Tony Barnes and Matthew Stevens (Collaborative enhancement of demographic and statistical gambling research) has detailed the size and make-up of the Northern Territory's Gambling Industry.
- The Northern Territory is in a period of record net interstate out migration and Dean Carson has conducted comprehensive analysis on:
 - Correlates ([Economic correlates of Net Interstate Migration to the NT \(NT NIM\): an exploratory analysis](#));
 - Sources and demographic characteristics of arrivers and departers ([Recent changes in interstate migration to the Northern Territory: sources and basic demography](#)); and
 - Volume and spatial patterns ([Changes in net interstate migration \(NIM\) patterns to the Northern Territory: volume, geography and basic demography](#)).
- Our Masters level unit: **Topics in Human Geography: A remote perspective** has been re-vamped by Andrew Taylor to be delivered both online and on campus. The unit features mini-interview lectures with experts from around the globe and is now part of the Northern Institute's [Master of Public Policy](#), which is available from Semester 1, 2016. The degree is designed to prepare policy makers with the necessary knowledge and skills to engage in effective and ethical research for policy development, implementation and evaluation. It provides a unique opportunity to develop individual students' analytical and research capacity through supervision with established public policy researchers, policy developers and evaluators working in northern contexts.
- Hannah Payer has led work on developing three tourism units as part of CDU's [Graduate Certificate in Tourism Management](#), launched this year. This part-time course for anyone who wants to broaden their knowledge and advance their skills in the tourism industry. The course equips current tourism professionals who do not hold a prior higher-education degree and professionals from related disciplines with the skills and knowledge to specialise in this evolving field.
- Our student cohort is undertaking a broad range of research on topics in the fields of demography and human geography. These include Indigenous student mobility networks (Jan Salmon—read about her research in this edition of DEMOZ!), Northern development (James Thurmer), ageing in northern contexts (Sandy Stuart), Sri Lankan diasporas in Darwin (Jagath Bandara Pathirage), modelling tools for reducing maternal deaths in remote Indonesia and migration in rural communities in Australia and Sweden (Ana Vuin).

Australian Postgraduate Awards scholarships for PhDs in the Demography & Growth Planning team

We have opportunities for students with excellent research potential to obtain APA scholarships in the following topic areas:

- Understanding and forecasting overseas migration to and from Australia - see [website](#)
- Understanding the future demography of Northern Australia - see [website](#)
- Household and housing change in Australia – see [website](#)

Research Engagement

- On August 4th we will host the *Northern Population Matters* symposium at which we will present current research on demographic issues affecting Northern Australia and, in particular, the Northern Territory. Researchers from the Northern Institute at Charles Darwin University, together with invited guest speakers, will talk about recent population changes in the Territory, why it is occurring, what it means for the Northern Australian economy and society, and what the demographic future might look like. See full details at: [Northern Population Matters](#)
- Tom Wilson presented two papers at the Joint Eurostat/UNECE Work Session on Demographic Projections in Geneva in April, one on probabilistic population forecasts for Australia's very elderly population and the other on methods for improving local and regional population forecast accuracy.
- Senior Researcher Professor Dean Carson and our Northern Institute adjuncts Professor Bruce Prideaux (Central Queensland University) and Dr Doris Carson (Umeå University, Sweden) were in northern Sweden earlier this year for a book-writing workshop. The book, titled "The Exotic, the Fringe, and the Boring Bits in Between", will be comparing rural and remote tourism dynamics ...in different parts of Australia, Canada and Sweden. It is a collaborative project between researchers at the Northern Institute, Central Queensland University, Lakehead University (Canada), Brock University (Canada), Umeå University (Sweden), and Dalarna University (Sweden). The town of Katherine will feature as a special Northern Territory case study in the book.
- Andrew Taylor presented at the Western Regional Science Conference in Hawaii on population ageing in northern contexts. This included a book editor's workshop for our forthcoming book *Settlements at the Edge* (to be published in September by Edward Elgar).
- Tom Wilson spoke on the demographic future of Darwin at a CSIRO Future Darwin workshop in June.
- Andrew Taylor spoke at a research seminar at MSHR on Indigenous mobility.
- Andrew Taylor spoke to the Real Estate Institute of the NT and NT Chamber of Commerce on the future demography of the Northern Territory and the Developing Northern Australia agenda.
- Andrew Taylor and Tom Wilson spoke on their working paper *The importance and reliability of Indigenous population projections for Australia* at a seminar at Charles Darwin University.
- Media interviews by Andrew Taylor on population ageing (ABC Darwin), Indigenous mobile phone ownership (Northern Territory News) and Indigenous ageing (ABC National).

Recent publications

Brokensha, H., Barnes, T. and Taylor, A. (2016). *National Disability Insurance Scheme (NDIS) Population Modelling*. Darwin: Charles Darwin University.

Carson, D. (2016). *Changes in net interstate migration (NIM) patterns to the Northern Territory: volume, geography and basic demography*, Issue No: RB03. Darwin: Northern Institute.

Carson, D. (2016). *Recent changes in interstate migration to the Northern Territory: sources and basic demography*, Issue No: RB02. Darwin: Northern Institute.

Carson, D. (2016). *Economic correlates of Net Interstate Migration to the NT (NT NIM)*, Issue No: RB04. Darwin: Northern Institute.

Prideaux, B., Payer, H., & Thompson, M. (2016). *A comparison of the VFR and non-VFR segments in Cairns - Implications for destination marketing*. The Changing Landscape of Tourism and Hospitality: The Impact of Emerging Markets and Destinations, Proceedings of the 26th Annual CAUTHE Conference, Sydney: Blue Mountains International Hotel Management School.

Wilson, T. (2016). Does averaging yield more accurate local and regional population forecasts? *Applied Spatial Analysis and Policy*. <http://dx.doi.org/10.1007/s12061-016-9194-2>

Wilson, T. (2016). Evaluation of alternative cohort-component models for local area population forecasts. *Population Research & Policy Review* 35(2): 241-261.

Wilson, T. and Taylor, A. (2016). How reliable are Indigenous population projections? Working Paper, Northern Institute, Charles Darwin University, Darwin.

Wilson, T. (forthcoming). The future of Australia's Indigenous population. *Population Studies*.

Wilson, T. and Terblanche, W. (forthcoming). The growth of Australia's very elderly population: past estimates and probabilistic forecasts. In Swanson, D. (ed.), *The Frontiers of Applied Demography*. Springer.

Andrew Taylor

Demography group, Macquarie University

Current projects

Work on a joint project between Macquarie University and the Catholic Education Commission of NSW (CECNSW), which aims to establish a public access, electronic, historical demographic dataset repository and to research historical patterns of the schooling and religious adherence of Australia's population, continues. The project involves Nick Parr, and historians Lucy Taksa and Nikki Balnave from Macquarie, and Crichton Smith (also a Macquarie University PhD student in Demography) and Brian Croke from CECNSW. We are grateful to CECNSW who have extended their funding of the project over and above their initial commitment to enable it to run for another year.

Fei Guo continues to work on her joint ARC DP project *Affinities in Multicultural Australia* with Ellie Vasta and Lucy Taksa. They are currently conducting an online survey (N=1200) among six ethnic communities (Anglo-Celtic, Italian, Indian, Chinese, Lebanese and Sudanese Australians) across Australia. Fei is also working on a project examining the health status and the healthy migrant effects among the main migrant groups in Australia. She recently joined a team led by Associate Professor Elizabeth Sheedy to study risk and ethical culture in Asian banks in Confucian cultural environment in comparison with the banks in an Anglo environment.

Recent and forthcoming publications

Halstead, I, **Opeskin, B.** and **Parr, N.** (in press) Projecting the need for courtroom service provision in Australia. Accepted for publication as Chapter 5 in Swanson, D.A. (ed.) *The Frontiers of Applied Demography*. Springer. (DoA 8/2/2016).

Huang, Yeqing and **Fei Guo** (2016) Welfare Programme Participation and the Wellbeing of Non-local Rural Migrants in Metropolitan China: A Social Exclusion Perspective, *Social Indicators Research*, DOI 10.1007/s11205-016-1329-y.

Li, J., Tickle, L. and **Parr, N.** (forthcoming) An evaluation of the Poisson common factor model for projecting mortality jointly for both sexes using data from multiple populations. Accepted for publication in *Journal of Population Research* (DoA 25/3/2016)

- Markey, R., Ferris, S.,** McIvor, J., **Thorntwaite, L.,** Wright, C.F., **Muhidin, S, O'Neill, S, and Parr, N.** (2016). Extending employment entitlements to non-standard workers: Alternative models for long service leave portability *Journal of Industrial Relations*. 58(1): 46-68.
- Pardosi, J., **Parr, N.** and **Muhidin, S.** (2016) Local government and community leaders' perspectives on child health and mortality and inequity issues in rural Eastern Indonesia. *Journal of Biosocial Science*. Published online 29/4/2016 DOI: <http://dx.doi.org/10.1017/S0021932016000134>.
- Pardosi, J., **Parr, N.** and **Muhidin, S.** (forthcoming) Fathers and infant health and survival in a rural district of Eastern Indonesia. Accepted for publication in *Journal of Population Research*. (DoA 12/4/2016)
- Parr, N., Li, J.** and **Tickle, L.** (2016) A cost of living longer: Projections of the effects of prospective mortality improvement on economic support ratios for fourteen more advanced economies. *Population Studies*. Published online 10/6/2016. <http://dx.doi.org/10.1080/00324728.2016.1190029>
- Tan, C.I. **Li, J.,** Li, S.-H., and Balasooriya, U. (2016) Stochastic modelling of the hybrid survival curve. *Journal of Population Research*. Published online 3/5/2016. DOI 10.1007/s12546-016-9168-x
- Taylor, M.P.,** Forbes, M.K., **Opeskin, B, Parr, N,** and Lanphear, B.P. (2016) The relationship between atmospheric lead emissions and aggressive crime rates. *Environmental Health*. 15: 23.
- Tickle, L.** (2016) Understanding the age and cause drivers of recent longevity trends in Australia. *Journal of Population Research*. 33(2): 97-121
- Wang, Haining, **Fei Guo** and **Zhiming Cheng** (2015), Discrimination in Migrant Workers' Welfare Entitlements and Benefits in Urban Labour Market: Findings from a Four-city Study in China. *Population, Space and Place* 21(2): 124-139.

Research Student Completions, Scholarships and Awards

Congratulations to Jerico Pardosi for the successful completion of his PhD in Demography (Principal Supervisor Nick Parr, Associate Supervisor Salut Muhidin), to Sheruni De Alwis (Karunaratne) for the successful completion of her Masters' by Research in Demography (Supervisor Nick Parr) and for her award of an MQRES PhD scholarship, and welcome to MD Rabiul Haque and congratulations on his award of an iMQRES PhD scholarship. Nila Sharma, a PhD student in Anthropology (co-supervised by Fei Guo), and Syazreen Niza Shair, a PhD student in Actuarial Studies (Associate Supervisor Nick Parr) have recently submitted their theses for examination. Congratulations to two of our current cotutelle PhD students, Sisi Yang (Macquarie University with the Chinese Academy of Social Sciences) and Xianling Zhang (Macquarie University with Renmin University) who successfully passed their oral defence of their theses in Chinese in May 2016. A new cotutelle PhD student Shenghan Cai (Macquarie University with Renmin University) has recently been awarded a full scholarship (iMQRES) and is expected to commence at Macquarie in July 2016. We also congratulate our Demography PhD graduate Daminda Weerasinghe who has been appointed to a position as Postdoctoral Research Fellow at the Australian Institute of Health Innovation at Macquarie.

Other News

Nick Parr will act as Program Convenor for the forthcoming APA conference in Sydney.

Nick Parr

Queensland Centre for Population Research

Comings and Goings

Professor Martin Bell has been awarded the title of Emeritus Professor of the University of Queensland in recognition of his contribution to population geography in Australia and internationally. He will remain closely associated with QCPR through his work on the IMAGE project and the estimation of temporary populations.

Dr Ricardo Safra de Campos has been awarded a PhD for his work on 'Living with Drought: a Study on Spatial Mobility in Semi-arid Northeast Brazil'. He has been appointed Associate Research Fellow at the University of Exeter working with Professor Neil Adger on Climate Change Induced Migration.

After working for four years on the IMAGE a project, Mr Philipp Ueffing has been appointed population officer at the UN Population Division in New York.

After completing a postdoctoral project on the mobility of international graduates, Dr Francisco Rowe will join the University of Liverpool in August 2016 as a Lecturer in Quantitative Geography.

Following the completion of a postdoctoral project on local mobility patterns of transit users, Dr Sui Tao will join The Chinese University of Hong Kong in July 2016 as a postdoctoral fellow.

We are happy to welcome Rodrigo Carvalho as an Occupational Trainee in the School of Geography, Planning and Environmental Management. He is currently completing his PhD at Cedeplar, Universidade Federal de Minas Gerais, Brazil. He will be using the IMAGE Studio to analyse long-term changes in the structure of internal migration in Brazil.

Join QCPR

The University of Queensland is advertising three PhD top-ups to work on the project 'Understanding the Long-Term Decline of Internal Migration' at the School of Geography, Planning and Environment Management. Starting dates are flexible. More information is available on <http://jobs.uq.edu.au/caw/en/job/498996/phd-scholarship-top-ups>

If you are interested, please directly contact Dr Aude Bernard at a.bernard@uq.edu.au

Funding Success

QCPR has secured funding for three projects in the recent Australian Research Council 2016 Linkage round, one project in the 2016 Discovery Early Career Award round and one 2016 Discovery project.

Dr Elin Charles-Edwards is lead investigator on the 'Estimating Temporary Populations' project, in partnership with the Australian Bureau of Statistics. The project team includes Professor Jonathan Corcoran and Professor Martin Bell and ABS staff, Mr Graeme Brown, Dr AJ Lanyon, Miss Beidar Cho and Mr Andrew Howe. The project will draw on new and emerging sources of data to develop a novel series of population estimates for Australian regions and localities that encompasses visitors and other temporary movements, and complement existing estimates of resident populations. The project will clarify user needs, evaluate data quality, apply metrics to capture key forms of temporary mobility, and integrate symptomatic data to estimate the timing and magnitude of population flux at local and regional levels. These results are expected to advance the science of population estimation and have direct practical relevance to planning, while positioning Australia at the forefront in addressing a growing global information need.

Professor Jonathan Corcoran is lead investigator on the 'Transitions of Mobility and Parking' project, in partnership with the Department of Transport and Main Roads. This project aims to understand the role of parking in mobility, urban consolidation and transit-oriented development. Does parking supply affect travel

demand, car ownership, and ultimately urban quality of life? New transitions and trends in land-use and transport, including car-sharing and automated vehicles, and the revival of urban living, raise important questions about the redesign and reuse of urban space. This project aims to give policy-makers an evidence base and toolkit to determine how best to repurpose the space currently accommodating private cars. This project is expected to make cities more attractive, efficient and liveable, improving a disproportionately large number of Australian lives.

Dr Karen McNamara is lead chief investigator on ‘Optimising Community-based Climate Change Adaptation in the Pacific Islands’ project in partnership with Care International and Caritas Australia. This project aims to evaluate community level climate change interventions in the Pacific to provide guidelines for better practice. The effects of climate change—rising sea levels, more droughts, and more frequent and intense storm activity—have been particularly concentrated in tropical areas such as the Pacific Islands. In response, interventions to adapt to a diversity of impacts have accelerated at the community level across the region, but there has been no analysis of their long-term effectiveness in reducing livelihood and resource vulnerability to climate change.

Dr Aude Bernard has been awarded a DECRA to ‘Understand the Long-term Decline in Internal Migration’. The project seeks to provide insights into the changing nature of internal migration. Internal migration rates have declined continuously since the 1970s in most advanced economies. This decline in human mobility may affect the functioning of the economy and individuals’ aspirations, but remains poorly recognised and understood. This project aims to establish the onset and pace of the migration decline for a sample of countries. It also aims to identify the causes of this change by identifying linkages between the drop in migration rates and the broader socio-demographic transitions of the past 30 years in Australia, Canada and the United Kingdom. Understanding this issue may support the development of appropriate economic and social policy responses.

Professor Jonathan Corcoran is a chief investigator on ‘So what do you do? Graduates in the Creative and Cultural Industries’. The project is led by Professor Jennifer Webb (University of Canberra) and seeks to analyse national graduate employment in Australia’s creative and cultural industries, and compare the utility of ‘creative’ and ‘cultural’ models for tracking employment outcomes. The project will map creative graduates to compare the value of creative degrees for the creative workforce in two nations, Australia and the United Kingdom.

Dr Thomas Sigler has been awarded a UQ Early Career Research Award, on ‘Cities in the global economy: an analysis of inter-urban relations through multinational corporate locations’.

Publications

Bernard, A., Bell, M. and Charles-Edwards, E. (2016) ‘Internal Migration Age Patterns and the Transition to Adulthood: Australia and Great Britain Compared’. *Journal of Population research*, 33 (2), 123-146

Charles-Edwards, E (2016), ‘The Estimation of Temporary Populations in Australia’, in T Wilson, E Charles-Edwards and M Bell (eds), *Demography for Planning and Policy: Australian Case Studies*, Heidelberg, Springer

Charles-Edwards, E., Muhidin, S., Bell, M., & Zhu, Y. (2016). Migration in Asia [other than China and India]. In M. White (Ed.), *Handbook of Migration and Population Distribution*. New York: Springer.

Li Y, Beeton RJS, Sigler TJ and Halog A (2016) Evaluating urban sustainability potential based on material flow analysis of inputs and outputs: a case study in Jinchang City, China. *Resources, Conservation, and Recycling* 110, 87-98.

- Li Y., Beeton R.J.S., Halog A. and Sigler TJ (2016), Modelling the transition toward urban sustainability: A case study of the industrial city of Jinchang, China, *Journal of Cleaner Production* DOI: 10.1016/j.jclepro.2015.10.053
- Martinus K and Sigler TJ (2016). [The attraction of Perth and Peel centres for global firms and local commuters](#). *Committee for Perth FACTBase Bulletin* 47.
- Norman, P, Charles-Edwards, E and Wilson, T (2016), 'Relationships between population change, deprivation change and health change at small area level: Australia 2001-2011', in T Wilson, E Charles-Edwards and M Bell (eds), *Demography for Planning and Policy: Australian Case Studies*, Heidelberg: Springer
- Rees, P. Bell, M., Kupiszewski, M., Kupiszewka, D., Ueffing P., Bernard A., Charles-Edwards, E., Stillwell I. (2016) 'The Impact of Internal Migration on Population Redistribution: An International Comparison.' *Population Space and Place*, DOI:10.1002/psp.2036
- Rohde, D., Corcoran, J., Sydes, M., & Higginson, A. (2016). The association between smoke alarm presence and injury and death rates: A systematic review and meta-analysis. *Fire Safety Journal*, 81, 58-63.
- Rowe, F., Corcoran, J., & Bell, M. (2016). The returns to migration and human capital accumulation pathways: non-metropolitan youth in the school-to-work transition. *The Annals of Regional Science*, 1-27. doi:10.1007/s00168-016-0771-8
- Safra de Campos, R., Bell, M., & Charles-Edwards, E. (2016). Collecting and analysing data on climate-related local mobility: the MISTIC toolkit, *Population, Space and Place*, DOI:10.1002/psp.2037
- Sigler TJ, Searle G, Martinus K, and Tonts M (2015). Metropolitan land use patterns by industry group: A spatial analysis of firm headquarters and branch office locations in Australian cities. *Urban Geography*. DOI: 10.1080/02723638.2015.1075318
- Stillwell, J., Bell, M., Ueffing, P., Daras, K., Charles-Edwards, E., Kupiszewski, M., & Kupiszewska, D. (2016). Internal migration around the world: comparing distance travelled and its frictional effect. *Environment and Planning A*. doi:10.1177/0308518x16643963
- Tao, S., Corcoran, J., Hickman, M., & Stimson, R. (2016). The influence of weather on local geographical patterns of bus usage. *Journal of Transport Geography*, 54, 66-80.

Applied Population Studies, Flinders University

Flinders University demographers to lead the Timor-Leste National Human Development Report 2016-17

An agreement between the Government of Timor-Leste, the United Nations Development Programme (UNDP) and Flinders University will see Flinders researchers take a crucial role in developing a policy blueprint for Timor-Leste's social and economic future.

Demographers from the School of the Environment, led by Dr Udoy Saikia (in his role as the Team Leader and the lead author for the report), will oversee the data collection and perform the analysis for the Timor-Leste National Human Development Report, which will focus on the nation's youth and their wellbeing.

With funding of around AUD\$400,000, the Report will involve the survey of a representative sample of Timor-Leste's youth population across the country's regions, and will be conducted down to village level by local researchers.

Signing the agreement, Mr Agio Pereira, President of the Council of Ministers of Timor-Leste, said he was delighted with the collaboration and excited by the start of the process that will produce the Timor-Leste National Human Development Report (NHDR) 2016-17.

"The NHDR will stimulate debates around the challenges of realising the youth dividend in Timor-Leste through identifying socially inclusive, innovative ways to diversify the workplace," Mr Pereira said.

"Youth wellbeing and demographic dividend that this report is going to address will be vital in the country's continued progress towards the achievement of the United Nations Sustainable Development Goals (SDGs) to which Timor-Leste is a signatory."

The report aims to provide a policy framework to drive diversification of the economy, enlisting local knowledge and skills through area-based development, backed by appropriate education and skills training.

Dr Saikia will be supported by Associate Professor Gour Dasvarma and Dr James Chalmers, with Dr Merve Hosgelen in the East Timor capital Dili as Project Manager.

The team expects to present and disseminate the report findings in 18 months' time.

Udoy Saikia

Photo: Timorese youths in traditional dress, Udoy Saikia



FEATURES AND COMMENTARY

An interview with Dr. Elin Charles-Edwards, UQ

1. Would you please give us a brief overview of your professional research background?

I completed my PhD on the estimation of temporary population in 2011. I was subsequently employed as a post-doctoral Research Fellow at UQ, working on the IMAGE Project with Martin Bell. Since January 2015 I have held a lectureship in human geography at UQ. My current research interests include the estimation of temporary populations, the analysis of internal migration in Australia and overseas, and climate-induced migration.

2. Which researchers/practitioners do you most admire?

I have been extremely fortunate to work with a number of leading migration scholars including Martin Bell, Phil Rees, John Stilwell, Marek Kupiszewski, Dorota Kupiszewska and Yu Zhu. Graeme Hugo's breadth of knowledge and research in demography remains an inspiration.

3. What do you find the most interesting aspects of demographic research at the moment?

I am fascinated by the opportunities and challenges presented by big data in demography and how it might be used to help solve "tricky" problems, particularly with respect the measurement of migration and temporary populations.

4. What is the most interesting paper/book you've read recently?

I really enjoyed reading Azose, J. J., Ševčíková, H., & Raftery, A. E. (2016). Probabilistic population projections with migration uncertainty. *Proceedings of the National Academy of Sciences*, 113(23), 6460-6465. doi:10.1073/pnas.1606119113. It is great to see a shift away from deterministic migration assumptions in global population projections.

5. What do you see as the current, most important challenges for demographers in Australia?

Impacting public policy: population issues are again off the radar.

6. If you hadn't become a demographer, what would you have been?

I have wanted to be an academic since I was 12 (I was a strange child!). If I hadn't become a demographer... perhaps a high school teacher?!

7. What's your current favourite recipe to cook at home?

My husband does most of the cooking ,but I love making a Spag Bol.

8. What do you like to do when you're not doing demography?

Playing with my baby daughter Connie, reading (Scandinavian crime fiction in particular), going for walks.



Tell us about your PhD: Jan Salmon

1. Would you please give us a brief overview of your PhD research?

The aim of this research is to identify the nature of the different mobilities of students who attend Government schools in the Northern Territory in terms of spatial and temporal patterns. This research will identify overarching and very complex patterns of student mobilities to inform the Northern Territory Government so that better strategies can be developed to accommodate the realities of mobilities and the different needs of students. This

study is a departure from the usual ethnographic studies and is applying a social network analysis to uncover the migration patterns and the roles played by schools. The challenge has been making sense of this very large database (more than 50,000 records).

2. What inspired you to research this topic?

It initially started as a research project for the Northern Institute. Theoretically I am juggling two frameworks. One is Critical Social Theory to reframe an understanding of Indigenous student mobilities through a process of problematisation. The second is the work coming out from Sheller and Urry (2006) which talks of social processes not being fixed geographically but rather being interconnected within local/global contexts. This paradigm merges issues of inequality, power, hierarchies and the spatial concerns of geography (territory borders and scale) and the cultural concerns of anthropology or communication research (discourses, representation, schemes) (Sheller, 2014, p. 791).

3. What is your background?

Essentially I have been a town planner, which has always involved me in looking at society from a human geography perspective. My Masters thesis undertaken at Charles Darwin University looked at the historical and spatial development of Darwin and its hinterland.

4. What do you find the most interesting aspects of demographic research at the moment?

The development of 'big data' technologies.

5. What is the most interesting paper you've read recently? Why?

Fallov, Mia Arp, Jorgensen Anja, Knudsen Lisbeth B., Mobile forms of belonging, *Mobilities* Vol. 8, No. 4, 467-486.

This article challenges the proposition that a sense of belonging to a community is predicated on not being mobile. In actual fact, mobile people, with resources, can appropriate different elements from different locales, while immobile people with a lack of resources can experience a low rate of attachment.

6. If you weren't doing a PhD now, what would you be doing?

I really cannot image my life without a study component.

7. What do you like to do on your days off?

I go to gym, read, watch Netflix.

8. What book do you have beside your bed?

I have just finished *Beauty is a Wound* by a young Indonesian author and I am dabbling with Di Morrissey's *The Opal Desert*.

USEFUL INFORMATION

Forthcoming conferences and workshops

2016

Australian Population Association Biennial Conference

Place: The Menzies Hotel, Sydney

Dates: Nov 29- Dec 2, 2016

Website: <https://absolutevents.eventsair.com/QuickEventWebsitePortal/apa2016/web/Agenda>

2017

International Population Geography Conference

Place: Seattle

Dates: Wednesday, June 28 - Friday, June 30, 2017.

There will be a call for papers in late 2016. Decisions on accepted papers and registration by early 2017.

IUSSP International Population Conference

Place: Cape Town, South Africa

Dates: 29th October – 4th November, 2017

Please let the editors know of other forthcoming conferences or workshops that would be of interest to APA members so we can list them in future issues of Demoz.

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Demoz

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Hosting local APA events

Members interested in holding local APA meetings or other events are requested to contact the Association secretary so that the event can be advertised to local APA members.



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