Research output 2014-16

Over the past three years the staff in the Actuarial Science programme (including CARe, and AcQuFRR) produced the following research output.

Peer-reviewed journal articles:

2016


2015


2014

4 Wang H, et al. (many co-authors including Dorrington R. E.) 2014 Global, regional, and national levels of neonatal, infant, and under-5 mortality 1990 - 2013: a systematic analysis, Lancet, 384: 957-979
13 Adjiwanou, Vissého and Thomas LeGrand. Gender inequality and the use of maternal healthcare services in rural sub-Saharan Africa, Health & Place 29(0): 67-78
Other publications:

Reports and other research publications (for which one or more members of the staff were co-authors):

2016


13 Johnson LF, **Dorrington RE** & Moolla H. 2016 “Modelling the impact of HIV in South Africa’s provinces”. Centre for Infectious Disease Epidemiology and Research, UCT working paper. Available: http://www.thembisa.org/content/downloadPage/


15 *Cuchiero, C; Teichmann, J; Gellert, K; Giuricich, M; Platts, A and Sookdeo, S. Polynomial models at work in stochastic portfolio theory: tractable estimation, calibration and implementation. In ACQuFRR (organisation) Third Financial Mathematics Team Challenge 2016. University of Cape Town.

2015


**Research funding**
A total of around R4 million research funding was raised by staff over the three years.

**Conferences and workshops**
Members of the staff presented 73 papers at conferences and workshops, well over half at international conferences.

**Reviewing papers and funding applications and participation on editorial boards**
Members of the staff reviewed a total of 94 papers submitted to peer-reviewed journals, funding applications, etc., over the three years 2014-16, the majority of which were articles for international journals.

**Membership of journal editorial boards**
- Tom Moultrie: Editor of Population Studies
- Rob Dorrington: South African Actuarial Journal
- Ian Timæus: Journal of Biosocial Science

**Prizes and other accomplishments**

**Prizes**

**2016**

**2015**
1. Daniel Polakow: 2014 paper (by Flint, Osche and Polakow in SAAJ) won the RGA prize for best published research by ASSA

**2014**
1. Shivani Ramjee: Prize for the best healthcare paper, ICA
2. Shivani Ramjee: Prize for the best paper, ASSA Convention
3. Rob Dorrington: RGA Prize for Best Published Research by members of the Actuarial Society of South Africa in 2013 (co-author)
4. Vissého Adjawanou awarded the Best Doctoral Student prize in Demography, University of Montréal

**Other**

**2016**
1. Vissého Adjawanou: Appointed Adjunct Professorship at the Université de Montréal (2016 – 2019)

**2015**
2. Vissého Adjiwanou: Promoted, *ad hom*, to Senior Lecturer
3. Rob Dorrington: *Ad hoc* excellence award

**2014**

1. Tom Moultrie co-chaired IUSSP expert meeting on "Demographers and the Data Revolution" (Paris, October 2014). Drafted communique emerging therefrom. Ongoing work on this project.
2. Iain MacDonald invited by publisher to prepare new, extended, edition of 2009 monograph "Hidden Markov Models for Time Series"
3. Sure Matamvura elected Senior Faculty for the Financial Mathematics group under US-NSF funded Masamu Project
4. Sure Matamvura: Steering Committee member of Masamu.
5. Tom Moultrie promoted, *ad hom*, to Professor