



Staff members in the Department of Information Systems. Front row (from left to right): Ms Gugu Baduza, Professor Caroline Khene, and Mr Chris Upfold; Back row (from left to right): Professor Greg Foster, Mr Clement Simuja, and Ms Jane Nash.

Photo: Paul Greenway/3pphotography

The Department of Information System is particularly interested in the generation of knowledge in the areas of ICT4D, eGovernment, eLearning, IT Project Management, Social Networks, Health Informatics, and User Experience. Research in these areas has produced one (1) book chapter, three (3) journal articles, and eleven (11) conference papers, with aspects of this research being presented locally as well as internationally in Spain, Ireland, Portugal, and Poland.

In addition to producing research outputs, staff in the Department of Information Systems contribute to their discipline as journal editors, conference reviewers and panel members, and external examiners of theses for other academic institutions.

### Postgraduates / Graduations

Postgraduate numbers in the Department have grown to eight (8) PhD candidates, fourteen (14) Masters candidates, and a class of thirty-two (32) Honours students. In April 2016, we celebrated the graduation of one (1) Masters student.

### Distinguished Visitors / International Visits

Distinguished visitors to the Department included Dr Adele Botha and Professor Marlien Herselman

from the Meraka Institute who participated in research workshops.

The European Union Erasmus Programme for academic staff exchange funded Dr John Lannon to visit the Department where he taught on the ICT4D module led by Professor Caroline Khene. Ms Brenda Mallinson, a Research Associate of the Department, continues to make a valuable contribution to the research efforts, with a number of publications in the field of eLearning.

### Significant Research Aligned Events

Through Professor Caroline Khene's research in MobiSAM, she was invited to collaborate with the Public Service Accountability Monitor (PSAM), and serve as an expert panel member for the Pan African Social Accountability Learning Lab in Manzini, Swaziland. In addition, she was selected to serve as an Oversight Committee member for the National Treasury Budget Portal, to be launched in 2017. She currently serves on that committee as an observer to provide recommendations for how to best implement Open Government in South Africa.

Professor Caroline Khene also visited the Kemmy Business School at the University of Limerick in

Ireland where she taught on the Knowledge Management module of the Masters in Project Management programme. In addition, Dr John Lannon and Professor Caroline Khene also ran a live webinar on "Supporting Project Management Practice through Business Education: An International Development Sector Perspective", hosted by the Project Management Institute (PMI) and Global Business School Network. Their

continuous collaboration on ICT4D has led to the development and publication of a research paper.

**Professor Greg Foster**

**Head of Department**



Postgraduate students in the Research Lab.

Photo: Supplied by the Department of Information Systems

## Books/Chapters/Monographs

**Conger, S.**

**Conger, S.** (2016) Gamification of Service Desk Work. In: Lee, J. (ed.). *The Impact of ICT on Work*. Singapore: Springer Singapore. p.151-172. ISBN: 9789812876119.

## Peer Reviewed Subsidy-Earning Journal Research Publications

**Foster, G., Nash J**

**Foster, G.** and **Nash, J.** (2016) Introducing Health Informatics as an Elective Module in an Information Systems Honours degree: Experiences from Rhodes University. *Communications in Computer and Information Science*. 642. p.123-130.

**Mallinson, B.J.**

Muganda, C.K., Samzug, A.S. and **Mallinson, B.J.** (2016) Analytical Insights on the Position, Challenges and Potential for Promoting OER in ODeL Institutions in Africa. *International Review of Research in Open and Distance Learning*. 17 (4). p.36-49.

## Peer Reviewed Non-Subsidy-Earning Journal Research Publications

**Mallinson, B.J.**

Nihuka, K.A. and **Mallinson, B.J.** (2016) Towards Integration of Open Educational Resources for Professional Development of Lecturers at the Open University of Tanzania. *Journal of Adult Education*. 1 (20). p.1-20.

## Peer-reviewed Proceedings

**Conger, S.**

Asare, E. and **Conger, S.** Strategic performance measurement systems and employee performance. *2016 11th Iberian*

*Conference on Information Systems and Technologies (CISTI 2016)*. Gran Canaria. Spain. June 2016.

**Conger, S., Krauss, K. and Simuja, C.**

**Conger, S., Krauss, K. and Simuja, C.** Issues in using Internet in remote South Africa high schools. *2016 11th Iberian Conference on Information Systems and Technologies (CISTI 2016)*. Gran Canaria. Spain. June 2016.

**Krauss, K.**

**Krauss, K.** Demonstrating Critically Reflexive ICT4D Project Conduct and ICT Training in Rural South Africa. *GlobDev 2016*. Gibson Hotel, Dublin. Ireland. December 2016.

**Simuja, C., Krauss, K. and Conger, S.**

**Simuja, C., Krauss, K. and Conger, S.** Achieving inclusive and transformative ICT education practices in rural schools in marginalized communities. *2016 International Conference on Information Resource Management: Digital Emancipation in a Networked Society*. University of Cape Town, Cape Town. South Africa. May 2016.

**Thomson, C., Nash, J. and Maeder, A.J.**

**Thomson, C., Nash, J. and Maeder, A.J.** Persuasive Design for Behaviour Change Apps: Issues for Designers. *SAICSIT 2016 - Innovate. Elevate*. University of Johannesburg, Johannesburg. South Africa. September 2016.

**Upfold, C.T.**

**Upfold, C.T.** Guidelines for Conducting a Post-Graduate Module within a Blended Synchronous Learning Environment, Facilitator and Student Perspectives. *International Conference e-Learning 2016*. Pestana Casino Park Hotel and Casino, Madeira. Portugal. July 2016.

## Research Papers Presented at Academic/Scientific Conferences (Non-peer-reviewed Proceedings)

**Conger, S., Krauss, K. and Simuja, C.**

**Conger, S., Krauss, K. and Simuja, C.** Issues in using Internet

in remote South African high schools. *2016 11th Iberian Conference on Information Systems and Technologies (CISTI)*. Gran Canaria, Canary Islands. Spain. June 2016.

**Khene, C.**

**Khene, C.** A Comprehensive Evaluation Approach to Iterative and Incremental Information and Communication Technology for Development. *2016 International UNESCO Chair Tech4Dev Conference*. Ecole Polytechnique Federale De Lausanne, Lausanne. South Africa. May 2016.

O'Regan, P., Killian, S., **Khene, C.** and Lannon, J. A Social Accountability Story? *1st Congress on Social and Environmental Accounting Research (CSEAR)*. Kemmy Business School, University of Limerick, Limerick. Ireland. October 2016.

**Lewis, O.O.**

**Lewis, O.O.** A Framework for Integrating Personally-owned Information and Communication Technologies (PICTs) for Teaching and Learning in Resource-Constrained Higher Education Environments - The Case of a Nigerian University. *The International Conference on Information Systems (ICIS2016)*. Convention Centre Dublin, Dublin. Ireland. December 2016.

**Mallinson, B.J.**

**Mallinson, B.J.** and Mushi, B. Early Experiences of the Course Conversion to OER Process at the Open University of Tanzania. *Open Education (OE) Global 2016 Conference*. Krakow. Poland. April 2016.

## Concerts, Exhibitions, Performances, Workshops, Events

**Khene, C.**

Lannon, J. and **Khene, C.** Co-Presenter. Supporting Project Management Practice through Business Education: An International Development Sector Perspective. *Webinar hosted by the Project Management Institute and Global Business School Network*. Online - Webinar, Limerick. Ireland. 11 October 2016.

**Khene, C.** Panelist. Print and Electronic Media in Social Accountability. *Pan African Social Accountability Learning Lab*. George Hotel, Manzini. Swaziland. 17 - 21 October 2016.

## International Visits

**Khene, C.**

**Khene, C.** University of Limerick, Limerick, South Africa. Teaching Knowledge Management in the Masters in Project Management Programme. *Research Collaboration on Knowledge Management in ICT4D*. 2 - 13 October 2016.