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*Professor Brian Dollery (School of Business Economics and Public Policy)*



Professor Dollery enjoyed a productive year with the publication of *Reform and Leadership in the Public Sector* (Edward Elgar Publishers, Cheltenham, 2007), co-authored with Joe Wallis (American University of Sharjah) and Linda McLoughlin (Irish Institute of Public Administration), and the commencement of his ARC

Discovery Grant. Brian also delivered papers on local government at several industry conferences, including Local Government New Zealand and the the New Zealand Treasury in Wellington, and the Australian Local Government Association Annual Conference in Darwin. He has just completed an edited volume on local government reform with Professor Ed Lesage of the University of Alberta and Professor Joe Garcea of the University of Saskatchewan. Together with Professor Lorenzo Robotti and his OPERA research group at the University of Ancona, Italy, Brian is finalising an edited book on structural reform in local government in international perspective.

*Congratulations* to Shannon Lightfoot (PhD candidate - School of Health), who was awarded a highly commended in the Best Conference Presentation Award by a student at the *Society for Psychotherapy Research* conference held earlier this month at the University of Wollongong.

Shannon was also approached by the editor of *Psychotherapy in Australia* to submit her paper for review and hopefully publication.

*Dr Chris Reading (SiMERR / School of Education)*



Dr Reading has been invited to be the Editor of the Proceedings for the *8th International Conference on Teaching Statistics (ICOTS)* to be held in Slovenia in July 2010. The conference is held every four years and is considered the premier international meeting covering all aspects of statistics education. The theme of the conference is 'Data and Context in Statistics Education: Towards an Evidence-Based Society'.

It is expected that around 350 papers will be included in the proceedings, with about half of these submitted for review.

Chris was invited to this role by the Chair of the conference and Vice-President of the International

Association of Statistical Education, John Harraway. In his invitation, Mr Harraway said of Chris 'Your extensive knowledge of people who can act as referees would be invaluable. Your thorough and accurate work for the *Statistical Education Research Journal* is well known internationally'.

# UNE Leximancer Affair

Welcome to Article 4 of UNE Leximancer Affair – a regular column of this Bulletin dedicated to keeping the UNE community abreast with the development of Leximancer software which UNE acquired following Professor Ian Hay and Prof. Len Unsworth's support.

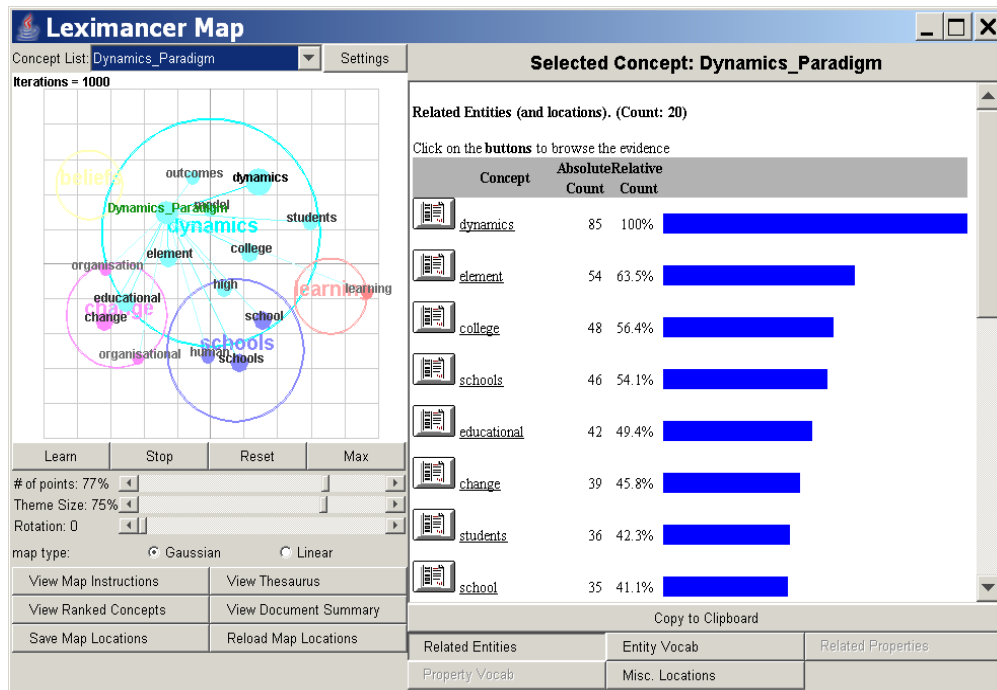
This issue extends an understanding of Leximancer functionality from the key ingredients of a Concept Map explained in Article 3 to correlation or co-occurrence among key concepts. Figure 1 illustrates these features of the Leximancer Map.

This Map was Leximancer's answer to the question which sought to understand how the New Dynamics Paradigm designed to analyse the dynamics involved in educational change (Kivunja, 2006:www.aare.edu.au/o6pap/kivo6144.pdf) impact on learning and human behaviour in



an organisation undergoing change.

The key themes illustrated in the Map on the left are Dynamics Paradigm (in blue), educational change (in pink), organisational dynamics (in light blue) and learning (in orange). Leximancer was then asked to reveal what the New Dynamics Paradigm had found about each of the concepts within these themes.



This generated a correlation matrix between Dynamics Paradigm and each of the concepts. The correlation (co-occurrence) is shown by blue rays linking Dynamics Paradigm to the concepts. (Many concepts are left out to keep the illustration simple).

To the right of the Map, Figure 1 tells you that the concept selected for analysis is the Dynamics Paradigm. Twenty concepts were analysed by the Dynamics Paradigm. Organisational dynamics was the most predominant concept found throughout the data and therefore it has a relative frequency of 100%. Concepts such as college (56.4%), schools (54.1%) and change (45.8%) co-occurred with organisational dynamics by the percentage shown in parenthesis respectively. To the left of each of these concepts is the text navigator button. Clicking on this button enables you to navigate all the data that explains how the concept you have clicked on correlates to the Dynamics Paradigm. In other words, this contains information on what the Dynamics Paradigm found about each of these concepts.

More next time

*CD Kivunja*

Dr. Charles Kivunja

Lecturer in School Pedagogy

School of Education

Email: ckivunja@une.edu.au

Ext: 2005

# Faculty Publications

## SCHOOL OF BUSINESS, ECONOMICS & PUBLIC POLICY

### Books

Cooksey, Ray W, *Illustrating Statistical Procedures for Business, Behavioural & Social Science Research*, Tilde University Press, Prahan, 1-418 (2007).

### Journals

Cooksey, Ray W, Ravi Pappu\*, Pascale G Quester\*, 'Country image and consumer-based brand equity: relationships and implications for international marketing', *Journal of International Business Studies*, 38 (5) 726-745 (2007).

Pearson, David H, Henryks, Joanna E, Liz Moffitt\*, 'What Do Buyers Really Want When They Purchase Organic Foods?', *Journal of Organic Systems*, 2 (1) 1-9 (2007).

### Conference Papers

Valenzuela, Fredy, Orlando Llanos\*, 'Making Investment Decisions in a Family-Oriented Business: Who is Right the Parents or the Children?', *Building sustainable growth in SMEs*, Manukau City, NZ, 1-25 (2007).

Valenzuela, Fredy, 'Service Recovery in the Retail Banking Industry: The South American Case', *Proceedings of Business and Information*, Tokyo, Japan, 1-17 (2007).

## SCHOOL OF LAW

### Book Chapters

Simpson, Brian H, Simpson, C\*, 'The End of Tourism, the Beginning of Law?', *Tourism and Politics: Global Frameworks and Local Realities*, Elsevier Ltd, PM Burns and M Novelli (ed), Oxford, 369-387 (2007).

## SCHOOL OF EDUCATION

### Book Chapters

Harrington, Ingrid, 'Discourses of Schooling, Constructions of Masculinity, and Boys' Noncompletion of Secondary School in North Queensland, Australia', *Everyday Struggles in Language, Culture and Education: Problematizing Identity*, Lawrence Erlbaum, Lin, A (ed), Hong Kong, 101-118 (2007) .

McQueen, Kelvin, Poynting, S\*, 'What Dreams May Come? Class Struggle and the Supplanting of the Ideology of Equality of Opportunity in Australian Education', *The Lost Dream of Equality. Critical Essays on Education and Social Class*, Sense Publishers, Scott, A and Freeman-Moir, J (ed), Rotterdam, The Netherlands, 7-28 (2007) .

### Journals

Jigyel, K\*, Afamasaga-Fuata'i, Karoline, 'Students' conceptions of models of fractions and equivalence', *The Australian Mathematics Teacher*, 63 (4) 17-25 (2007) .

Kivunja, Charles, 'A Grounded Theory Analysis of the Impacts of Multicampus Colleges' Structural Reform on Pedagogies and Learning in 14 Public Secondary Schools in New South Wales', *International Journal of Pedagogies and Learning*, 3 (1) 30-49 (2007) .

Paterson, David L, 'Teachers' In-Flight Thinking in Inclusive Classrooms', *Journal of Learning Disabilities*, 40 (5) 427-435 (2007) .

Watson, JM\*, Callingham, Rosemary A, Kelly, BA\*, 'Students' Appreciation of Expectation and Variation as a Foundation for Statistical Understanding', *Mathematical Thinking and Learning*, 9 (2) 83-130 (2007) .

Winn, Stephen, 'Preservice Preparation of Teachers of the Deaf in the Twenty-First Century: A Case Study of Griffith University, Australia', *American Annals of the Deaf*, 152 (1) 312-319 (2007) .

# Faculty Publications

## SCHOOL OF EDUCATION (continued)

### Conference Papers

- Afamasaga-Fuata'i, Karoline, 'Communicating Students' Understanding of Undergraduate Mathematics using Concept Maps', *Mathematics: Essential Research, Essential Practice*, Hobart, 73-82 (2007) .
- Afamasaga-Fuata'i, Karoline, 'Using concept maps and vee diagrams to interpret 'area' syllabus outcomes and problems', *Mathematics: Essential for Learning, Essential for Life*, Hobart, 102-111 (2007) .
- Afamasaga-Fuata'i, Karoline, Cambridge, L\*, 'Concept maps and vee diagrams as tools to understand better the 'division' concept in primary mathematics', *Mathematics: Essential for Learning, Essential for Life*, Hobart, 112-120 (2007) .
- Afamasaga-Fuata'i, Karoline, Meyer, P\*, Falo, N\*, 'Primary Student Teachers' Diagnosed Mathematical Competence in Semester One of their Studies', *Mathematics: Essential Research, Essential Practice*, Hobart, 83-92 (2007) .
- Afamasaga-Fuata'i, Karoline, Meyer, P\*, Falo, N\*, Sufia, P\*, 'Future Teachers' Developing Numeracy and Mathematical Competence As Assessed By Two Diagnostic Tests', *Engaging Pedagogies*, Adelaide, online (2007) .
- Afamasaga-Fuata'i, Karoline, Reading, Christine E, 'Using Concept Maps to Assess Pre-Service Teachers' Understanding of Connections Between Statistical Concepts', *Proceedings of the IASE/ISE-Satellite Conference on Assessing Student Learning in Statistics*, Portugal, 1-11 (2007) .
- Auh, Myung-sook, 'Developing a Model for Primary Music Pedagogy Course to Build Student Teachers' Confidence in Teaching Music', *Engaging Pedagogies*, Adelaide, online (2007) .
- Auh, Myung-sook, 'Perceptions of Primary School Teaching by First Year Education Students', *Engaging Pedagogies*, Adelaide, online (2007) .
- Bossu, Carina M, 'Is action research an appropriate methodology to investigate distance education in Brazil?', *Proceedings of the Inaugural Postgraduate Research Conference: Bridging the Gap between Ideas and Doing Research*, UNE, Armidale, 5-16 (2007) .
- Callingham, Rosemary A, 'Quality teaching of mathematics: Common threads and cultural differences', *Mathematics: Essential for Learning, Essential for Life*, Hobart, 130-135 (2007) .
- Coopes, Rhonda K, 'Indigenous research: Ethics, intellectual property and the role/importance of Indigenous researchers', *Proceedings of the Inaugural Postgraduate Research Conference: Bridging the Gap between Ideas and Doing Research*, UNE, Armidale, 17-29 (2007) .
- Falle, Judith L, 'Students' Tendency to Conjoin Terms: An Inhibition to their Development of Algebra', *Mathematics: Essential Research, Essential Practice*, Hobart, 285-294 (2007) .
- Falle, Judith L, 'The games we play: Assessing algebraic thinking through arithmetic activities', *Mathematics: Essential for Learning, Essential for Life*, Hobart, 155-162 (2007) .
- Falle, Judith L, 'Using quantitative and qualitative data to construct a developmental learning framework in the context of elementary high school algebra', *Proceedings of the Inaugural Postgraduate Research Conference: Bridging the Gap between Ideas and Doing Research*, UNE, Armidale, 53-66 (2007) .
- Hanstock, Robyn E, 'Theoretical perspectives: Researching the history of adult education and learning in women's organisations in Australia', *Proceedings of the Inaugural Postgraduate Research Conference: Bridging the Gap between Ideas and Doing Research*, UNE, Armidale, 109-117 (2007) .

# Faculty Publications

## SCHOOL OF EDUCATION (continued)

Macgregor, L\*, Callingham, Rosemary A, 'Planning Professional Learning using the AAMT Standards: the PLUMS Project', *Mathematics: Essential for Learning, Essential for Life*, Hobart, 179-184 (2007) .

McQueen, Kelvin, 'Creating a Teaching Underclass: The Federal Government, the NSW Teachers Federation and the Contracting-out of the Adult Migrant English Service in New South Wales, Australia', *Trans Tasman Labour History: Comparative or Transnational?*, Auckland, New Zealand, 43-50 (2007) .

Mildrum, C\*, Callingham, Rosemary A, Hickling, B\*, 'A grassroots approach to improving numeracy', *Mathematics: Essential for Learning, Essential for Life*, Hobart, 194-200 (2007) .

O'Hara, Rebecca J, 'Critical reflections: A research approach for exploring creative arts teaching and practice', *Proceedings of the Inaugural Postgraduate Research Conference: Bridging the Gap between Ideas and Doing Research*, UNE, Armidale, 266-281 (2007) .

Parker, Claire, 'Swimming Education in England: A Comparative Historical Study', *Engaging Pedagogies*, Adelaide, CD (2007) .

Quinn, Frances C, Pegg, John E, Stein, S\*, 'Radical existentialism meets cognitive science: A review of converging qualitative and quantitative perspectives in research into tertiary students' learning', *Proceedings of the Inaugural Postgraduate Research Conference: Bridging the Gap between Ideas and Doing Research*, UNE, Armidale, 301-313 (2007) .

Richards, Rosemary, 'Self portraits of young children as art-makers', *Proceedings of the Inaugural Postgraduate Research Conference: Bridging the Gap between Ideas and Doing Research*, UNE, Armidale, 338-348 (2007) .

Scarlett, A\*, Callingham, Rosemary A, 'Cooperating to learn mathematics: Some lessons from Year 7', *Mathematics: Essential for Learning, Essential for Life*, Hobart, 215-220 (2007) .

Serow, Penelope A, 'Incorporating dynamic geometry software within a teaching framework', *Mathematics: Essential for Learning, Essential for Life*, Hobart, 382-389 (2007) .

Serow, Penelope A, 'Utilising the Rasch Model to Gain Insight into Students' Understanding of Class Inclusion Concepts in Geometry', *Mathematics: Essential Research, Essential Practice*, Hobart, 651-660 (2007) .

Wang, Chunxia, Panizzon, Debra L, Pegg, John E, 'Assessing Chinese students' understandings in mathematics and science: Ensuring valid and reliable data within international contexts', *Proceedings of the Inaugural Postgraduate Research Conference: Bridging the Gap between Ideas and Doing Research*, UNE, Armidale, 388-402 (2007) .

Watson, J\*, Beswick, K\*, Brown, N\*, Callingham, Rosemary A, 'Student Change Associated with Teachers' Professional Learning', *Mathematics: Essential Research, Essential Practice*, Hobart, 785-794 (2007) .