

September 2010, #25

WELCOME

Welcome to the September ANU Integration News. We are pleased to draw your attention to new member publications and a range of exciting conferences, especially two occurring this month – the td-conference on Implementation in Inter- and Transdisciplinary Research, Practice and Teaching in Geneva and the US National Science Foundation supported conference on Enhancing Communication in Cross-Disciplinary Research in Coeur d'Alene, Idaho.

The next ANU Integration Network meeting will be on Wednesday October 27th, 4.30-6 pm in the Graduate Student Lounge at University House. The topic will be 'What works: organizational enablers for research integration'. Dr Alice Roughley will lead off a discussion of how the organisations we work in and with can facilitate our integration efforts and how barriers can be overcome. Light refreshments provided and cash bar.

Gabriele Bammer and Peter Deane

CONTENTS

News & Events

- 27 October (Wednesday) 2010, 4.30-6.00 pm, ANU Integration Network Meeting, 'What works: organizational enablers for research integration'
- New course: The Art and Science of Integration and Implementation: A Short Course for Research Leaders, at The ANU from 29 November to 2 December 2010
- Conference announcements

ANU Integration Network Member Publications

- **Bammer, G.**, with Michaux, A. and Sanson, A. (eds.). (2010). *Bridging the 'Know-Do' Gap: Knowledge Brokering to Improve Child Wellbeing*. ANU E-Press: Canberra.
http://epress.anu.edu.au/knowledge_citation.html
- Proctor, W. (editor-in-chief), **van Kerkhoff, L.** and Hatfield Dodds, S. (eds.). (2010). *Integrated Mission-directed Research: Experiences from Environmental and Natural Resource Management*. CSIRO Publishing: Collingwood, Victoria.
- **Smithson, M.** & Segale, C. (2009). Partition priming in judgments of imprecise probabilities. *Journal of Statistical Theory and Practice*, 3: 169-182.

Journal Profile

- *Policy Sciences*

About ANU Integration News

- How to contribute, subscribe and un-subscribe

September 2010, #25

NEWS & EVENTS

27 October 2010, 4.30-6.00pm, The ANU Integration Network Meeting: 'What works: organizational enablers for research integration'.

Venue: Graduate Student Lounge, University House (inside the Cellar Bar)

Details: Dr Alice Roughley will lead off the discussion. The aim is to hear from all participants about their experiences in how the organisations we work in and with can facilitate our integration efforts and how barriers can be overcome.

Light refreshments will be provided and there will be a cash bar.

ADVANCED NOTICE: 29 November (evening only 6-9pm) to 2 December 2010, The Art and Science of Integration and Implementation: A Short Course for Research Leaders, at The ANU.

For details please watch <http://i2s.anu.edu.au/courses/professional>.

New Conference Announcements

- 15 November 2010, Workshop on Research for Action: Networking University and Community for Social Responsibility, Perth, Western Australia (<http://www.makinglinks.org.au/news/research-for-action/>)
- 2-4 March 2011, Practicing Theory: Amsterdam School for Cultural Analysis (ASCA) International Workshop and Conference, Amsterdam, Netherlands (<http://www.hum.uva.nl/practicing-theory>)
- 11-15 April 2011, Second Annual International Science of Team Science Conference, Chicago (<http://scienceofteams.science.northwestern.edu/annual-scits-conference>)
- 18-22 July 2011, 6th International Conference on Environmental Future, Newcastle upon Tyne, United Kingdom (<http://www.icef.org.uk>)
- 7-8 October 2011, International Conference on Social Sciences, İzmir, Turkey (<http://www.icssconference.net/>)

Upcoming Conference Reminders

- 14-16 September 2010, XVII International Conference on Systems Science, Wroclaw, Poland (<http://www.icss.pwr.wroc.pl/>)
- 15 September 2010, European Conference on Complex Systems, Lisbon, Portugal (<http://eccs2010.eu/>):
 - Satellite Session: Modelling the Non-separability of a Very Complex World (<http://www.per.marine.csiro.au/staff/Fabio.Boschetti/context.htm>)
- 15-17 September 2010, td-conference 2010: Implementation in Inter- and Transdisciplinary Research, Practice and Teaching, Geneva, Switzerland (<http://www.transdisciplinarity.ch/e/Conference/international/2010/index.php>)

September 2010, #25

- 26-30 September 2010, Australian Association for Environmental Education Conference: Leading Change – Living for One Planet, Australian National University, Canberra (https://www.conferenceco.com.au/aaee/Abstract_Submission_Information.asp)
- 30 September-2 October 2010, sponsored by the National Science Foundation and the University of Idaho, Enhancing Communication in Cross-Disciplinary Research (ECCDR), Coeur d'Alene, Idaho, USA (<http://www.cals.uidaho.edu/toolbox/conference.asp>)
- 7-10 October 2010, Association for Integrative Studies 32nd Annual Conference 2010: Interdisciplinary Approaches to Integrating Ethics and Sustainability, San Diego, California, USA (<http://www.units.muohio.edu/aisorg/Conference/2010CFP.shtml>)
- 26-29 October 2010, Environment Institute of Australia and New Zealand: From Discovery to Delivery: Science, Policy, Leadership and Action, Wellington, New Zealand (<http://www.confer.co.nz/eianz2010/>)
- 28-29 October 2010, Tentative Governance In Emerging Science and Technology: Actor Constellations, Institutional Arrangements & Strategies, Enschede, The Netherlands (http://www.igs.utwente.nl/international_conference_tenta/)
- 8-10 November 2010, Systems Thinking in Action: Fueling New Cycles Of Success, Boston, Massachusetts (<http://pegasus.prod.ifpeople.net/overview>)
- 11-13 November 2010, The Science in Society Conference, Madrid, Spain (<http://science-society.com/conference-2010/>)
- 11-13 November 2010, Creativity, Inquiry, and Discovery: Undergraduate Research In and Across the Disciplines, Durham, North Carolina, USA (http://www.aacu.org/meetings/undergraduate_research/2010/cfp.cfm?utm_source=meetings&utm_medium=blast&utm_campaign=undergradresearch2#themes)
- 1-4 December 2010, Interdisciplinary Congress: Gendered Ways of Knowing? Gender, Natural Sciences and Humanities, Trento, Italy (<http://gender2010.fbk.eu/>)
- 20-23 April 2011, XVIIIth International Conference of the Society for Human Ecology, Human Responsibility & Environmental Change: Planning, Process, and Policy, Lake Las Vegas, Nevada, USA (http://www.societyforhumanecology.org/final%20program_files/CallForPapers.html)
- 4 June 2011, Inter And Transdisciplinary Issues Of Economic Behavior, Bucharest, Romania (http://itchannel.ro/faa-sesiune/sites/default/files/Call_for_papers_W_ITIEB_2011.pdf)

ANU INTEGRATION NETWORK MEMBER PUBLICATIONS

Bammer, G., with Michaux, A. and Sanson, A. (eds.). (2010). *Bridging the 'Know-Do' Gap: Knowledge Brokering to Improve Child Wellbeing*. ANU E-Press: Canberra.
http://epress.anu.edu.au/knowledge_citation.html

"Today's children are tomorrow's citizens. Good health and well-being in the early years are the foundations for well-adjusted and productive adult lives and a thriving society. But children are being let down in Australia and elsewhere by the lack of knowledge transfer between the worlds of research, policy and practice. Improving such transfer is the job of knowledge brokers - the various ways they can operate are explored in this book through case examples and the lessons learned from

September 2010, #25

experienced proponents. The book concludes by posing three sets of ideas to shape the future of knowledge brokering.”

Gabriele Bammer is a Professor at the National Centre for Epidemiology and Population Health.

Proctor, W., (editor-in chief), **van Kerkhoff, L.** and Hatfield Dodds, S. (eds.). (2010). *Integrated Mission-directed Research: Experiences from Environmental and Natural Resource Management*. CSIRO Publishing: Collingwood, Victoria.

“This book offers readers the chance to learn from the experiences of researchers involved in integrated mission-directed research, particularly in the areas of natural resource management and regional development.

Integrated Mission-directed Research covers important issues in integration science, supported by case studies that detail how to engage individuals and communities, and support policy decisions and development. The authors explore case studies undertaken in Australia, Europe, Thailand and Indonesia, as well as perspectives from the Millennium Ecosystem Assessment. Closing chapters demonstrate key challenges for researchers and essential questions that should be answered when trying to set up integrated research. Potential benefits that could be obtained from effective integrated mission-directed research are included, as well as assessment questions to assist researchers to see if such benefits have been truly obtained.

Written by experienced researchers, many of whom were involved in CSIRO’s Social and Economic Integration Emerging Science Initiative, the book explores how integrated research is now seen as crucial in achieving sustainability outcomes in natural resource management.”

Lorae van Kerkhoff is a lecturer at The Fenner School of Environment and Society.

Smithson, M. & Segale, C. (2009). Partition priming in judgments of imprecise probabilities. *Journal of Statistical Theory and Practice*, 3: 169-182.

“On grounds of insufficient reason, a probability of $1/K$ is assigned to K mutually exclusive possible events when nothing is known about the likelihood of those events. Fox and Rottenstreich (2003) present evidence that subjective probability judgments are typically biased towards this *ignorance prior*, and therefore depend on the partition K . Results from two studies indicate that lower-upper (imprecise) probability judgments by naïve judges also exhibit partition dependence, despite the potential that imprecise probabilities provide for avoiding it. However, beta regression reveals two kinds of priming effects, one of which is modeled by mixture distributions. Another novel finding suggests that when partition primes conflict with normatively correct partition some judges widen their probability intervals to encompass both partitions. The results indicate that imprecise probability judgments may be better suited than precise probabilities for handling conflicting or ambiguous information about partitions”.

Michael Smithson is a Professor at the Department of Psychology.

September 2010, #25

JOURNAL PROFILE

Policy Sciences

Policy Sciences is an interdisciplinary journal focused on conceptual and practical policy issues. The journal favours (but is not restricted to) work that uses a policy sciences framework (drawing from, for instance, Harold D. Lasswell and Myers S. McDougal). It also emphasizes, within a broader approach of encouraging a diversity of perspectives, publishing work with a problem oriented, multi-method or contextual approach. "The journal offers articles that examine the normative aspects of policy sciences; conceptual articles addressing concrete policy issues; articles on particularly controversial pieces of analysis; opposing perspectives, including critiques and rejoinders on articles already published, which open the journal to an exchange of views rather than restricting it to pure presentation; and special issues that analyse specific topics in depth".

* Website: <http://www.springerlink.com/content/1573-0891/>

* Impact factor (2009): 0.727

* Journal ranking: B (Australian Research Council (ARC) Excellence in Research for Australia (ERA) 2010 Ranked Journal List)

ABOUT ANU INTEGRATION NEWS

This newsletter aims to share updates on events, visitors, activities, opportunities and resources among ANU staff and students with an interest in research integration (or inter- or trans-disciplinarity).

Back issues are available at <http://i2s.anu.edu.au/i2s-publications/anu-integration-news>. To contribute material or to subscribe or unsubscribe from the newsletter, please contact Peter Deane at peter.deane@anu.edu.au.