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## WELCOME

The last ANU Integration Network meeting for this year is on Wednesday, 23 September 2009, from 4.30-6pm in HB3, the Seminar Room in the Hedley Bull building. (NB Changed starting time of 4.30 pm, not 4pm as previously advertised.) For everyone interested in uncertainty and rude surprises. We hope you will be able to join us.

Farewell to Caryn Anderson and welcome back to Peter Deane!

Gabriele Bammer, Caryn Anderson and Peter Deane

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### ANU Integration Network Member Publications

- McDonald, D., Bammer, G., Deane, P. (2009). *Research Integration using Dialogue Methods*. ANU E-Press: Canberra.
- Heron, R., Baker, R. and McEwen. L. (2006). Co-learning: Re-linking Research and Teaching in Geography. *Journal of Geography in Higher Education*, 30, 1: 77-87.
- Russell A. W., Wickson, F., and Carew A, L. (2008). Transdisciplinarity: Context, Contradictions and Capacity. *Futures*, 40, 5: 460-472.

### Journal Profile

- *Futures: The Journal of Policy, Planning and Futures Studies*

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## NEWS & EVENTS

**23 September 2009, 4.30-6pm, The ANU Integration Network, the Centre for Policy Innovation and the Department of Applied Mathematics will co-host the first meeting of a new ANU Network on "Coping with Imprecise Probabilities, Immeasurable Risks and Rude Surprises".** (NB Starting time, not 4pm, as previously advertised)

HB3 Seminar Room, Hedley Bull building (#130, <http://campusmap.anu.edu.au/largemap.asp>)

This meeting aims to draw together people across campus interested in complex issues associated with unknowns, uncertainties and risks. Attendees will be invited to briefly present their areas of interest, along with ideas for moving this agenda forward on campus. The meeting will be chaired by DVC Lawrence Cram. Come and join Linda Botterill (CASS), Michael Smithson (CMBE), Alan Hájek (CASS), Steve Dovers (CMBE), Mark Matthews (CASS) and others.

Refreshments will be available. This will be the final ANU Integration Network meeting for 2009.

### Farewell to Caryn Anderson and welcome back to Peter Deane

Caryn Anderson is leaving ANU to join the Iraq Transition Assistance Office of the U.S. Department of State. She has been engaged to establish an Information Resource Center at the U.S. Embassy in Baghdad, which will facilitate the exchange of U.S. government information and research with Iraqi ministries, universities and the public to aid with the reconstruction and the development of democratic institutions and practices in Iraq. We will miss her and wish her the very best in her new adventure!

Welcome back to Peter Deane ([ra.iis@anu.edu.au](mailto:ra.iis@anu.edu.au)), who will return to a coordinating role for the ANU Integration News and the meetings of the ANU Integration Network.

### New Conference Listings

- 1 December 2009, Risk and Uncertainty in Environmental Management: A one day symposium, Canberra, Australia (<http://www.tasaconference2009.com/environday.html>)

### Upcoming Conference Reminders

- 14-18 September 2009, 6th Conference of the European Social Simulation Association Conference, Univ. of Surrey, Guilford, UK (<http://cress.soc.surrey.ac.uk/essa2009>)
- 17-19 September 2009, Action Learning Action Research Association (ALARA) National Conference, Melbourne, Australia (<http://www.alara.net.au/ConferenceInformation>, [http://www.alara.net.au/files/2009%20ALARA%20Conference%20Program%20V12\\_0.pdf](http://www.alara.net.au/files/2009%20ALARA%20Conference%20Program%20V12_0.pdf))
- 28-29 September 2009, Workshop on Philosophy of Interdisciplinarity, Atlanta, Georgia, USA ([http://www.transdisciplinarity.ch/e/td-info\\_a/Interdisciplinarity\\_workshop\\_GT\\_HDA\\_2009\\_Sept.pdf](http://www.transdisciplinarity.ch/e/td-info_a/Interdisciplinarity_workshop_GT_HDA_2009_Sept.pdf))

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- 8 October 2009, Dealing With Uncertainties In Policing Serious Crime, Canberra, Australia (<http://nceph.anu.edu.au/News/UncertaintyConference/>)
- 23 October 2009, Annual Meeting of the Commission for Research Partnerships with Development Countries (KFPE), "From Research to Development – Mutual Learning for Change", Lugano, Switzerland (<http://www.kfpe.ch/registrierung/>)
- 9-12 November 2009, Australasia-Pacific Extension Network 5th International Conference, "Shaping Change in Communities - Dimensions of Excellence", Abbey Beach Resort, Busselton, Australia (<http://www.apen.org.au/default.asp?PageID=52>)
- 18-20 November 2009, 8th International Transformative Learning Conference, Bermuda (<http://transformativelearningbermuda.com/>)
- 19-21 November 2009, td-conference 2009: Integration in Inter- and Trans-disciplinary Research, Berne, Switzerland (<http://www.transdisciplinarity.ch/e/Conference/international/2009/>)
- 5-8 January 2010, 43<sup>rd</sup> Hawai'i International Conference on Systems Sciences, Koloa, Hawai'i, USA ([http://www.hicss.hawaii.edu/hicss\\_43/apahome43.htm](http://www.hicss.hawaii.edu/hicss_43/apahome43.htm))
- 25-29 April 2010, Environmental Decisions: Risks and Uncertainties, Monte Verita, Switzerland (<http://www.ied.ethz.ch/CEDRU/index>)

## ANU INTEGRATION NETWORK MEMBER PUBLICATIONS

This feature of the ANU Integration News highlights publications by ANU Integration Network members. We encourage all members to advise us of publications (books, articles, book chapters, etc.) they have authored that may be of interest to other members. We're interested in both new and older publications. Please send citations, abstracts and web URLs where appropriate, to Peter Deane ([ra.iis@anu.edu.au](mailto:ra.iis@anu.edu.au)) and we will highlight those publications most relevant to the ANU Integration Network community.

**McDonald, D., Bammer, G., Deane, P. (2009). *Research Integration using Dialogue Methods*. ANU E-Press: Canberra.**

[http://epress.anu.edu.au/dialogue\\_methods\\_citation.html](http://epress.anu.edu.au/dialogue_methods_citation.html)

Research on real-world problems—like restoration of wetlands, the needs of the elderly, effective disaster response and the future of the airline industry—requires expert knowledge from a range of disciplines, as well as from stakeholders affected by the problem and those in a position to do something about it. This book charts new territory in taking a systematic approach to research integration using dialogue methods to bring together multiple perspectives. It links specific dialogue methods to particular research integration tasks. Fourteen dialogue methods for research integration are classified into two groups:

1. Dialogue methods for understanding a problem broadly: integrating judgments
2. Dialogue methods for understanding particular aspects of a problem: integrating visions, world views, interests and values.

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The methods are illustrated by case studies from four research areas: the environment, public health, security and technological innovation.

**David McDonald, Gabriele Bammer and Peter Deane** are all at the National Centre for Epidemiology and Population Health.

**Heron, R., Baker, R. and McEwen. L. (2006). Co-learning: Re-linking Research and Teaching in Geography. *Journal of Geography in Higher Education*, 30, 1: 77-87.**

Abstract: What might geography in 'the universities' look like if geographers seriously confronted the growing dichotomy between research and teaching? This challenge goes to the heart of 'the university' as a site of learning. The authors argue that the globalizing character of higher education gives urgency to re-charting the university as an environment that prioritizes co-learning as the basis for organizing educational activities in geography and potentially beyond discipline boundaries. By co-learning is meant systematic approaches to maximizing the synergies between research and teaching activities to capitalize on prior learning and experiences of all involved. The authors' argument is that feedback gained through co-learning will reshape the nature and quality of both research and teaching environments as we know them. Four methodological framings of co-learning, derived from established practice in geography, are presented, to highlight possible directions of development that are especially strategic in the current context of globalizing higher education. It is suggested that with strategies that explicitly maximize co-learning, the development of geography could occur in distinctive ways that would not happen if research and teaching were progressed in isolation.

**Richard Baker** is an associate professor at the Fenner School of Environment & Society.

**Russell A. W., Wickson, F., and Carew A, L. (2008). Transdisciplinarity: Context, Contradictions and Capacity. *Futures*, 40, 5: 460-472.**

Abstract: Transdisciplinarity has been proposed as a response to the shifting knowledge landscape in contemporary society. It promises to bring universities and other knowledge organisations into line with new demands and opportunities. In this study, we have investigated drivers of change in the shifting landscape, and note disparate drivers that plot different courses for transdisciplinarity. We describe three drivers: 'the knowledge economy', 'the environmental imperative' and 'the engaged populace'. We discuss their different prescriptions for transdisciplinary knowledge production and contradictions that arise from these, including tensions between consolidation and interconnection, and between knowledge commodification and mutual learning. In response, we suggest that rather than investing in knowledge 'products', universities should focus on developing capacity for transdisciplinarity, and for knowledge production generally.

**Wendy Russell** is a visiting fellow at the National Centre for Epidemiology and Population Health.

## JOURNAL PROFILE

### **Futures: The Journal of Policy, Planning and Futures Studies**

"Futures is an international, refereed, multidisciplinary journal concerned with medium and long-term futures of cultures and societies, science and technology, economics and politics, environment and the planet and individuals and humanity. Covering methods and practices of futures studies, the journal

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seeks to examine possible and alternative futures of all human endeavours. Futures seeks to promote divergent and pluralistic visions, ideas and opinions about the future.”

\* Website:

[http://www.elsevier.com/wps/find/journaldescription.cws\\_home/30422/description#description](http://www.elsevier.com/wps/find/journaldescription.cws_home/30422/description#description)

\* Impact Factor: 1.014 (2008)

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## 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 [www.anu.edu.au/iisn](http://www.anu.edu.au/iisn). To contribute material or to subscribe or unsubscribe from the newsletter, please contact Peter Deane at [ra.iis@anu.edu.au](mailto:ra.iis@anu.edu.au).