

July 2009, #16

WELCOME

The next ANU Integration Network meeting will be held on Thursday, 23 July 2009, from 4-5.30 pm in the Drawing Room at University House. The meeting will be chaired by Professor Liz Deane, Pro Vice Chancellor for Education, and will involve sharing experiences for teaching and learning about integrating disciplinary and stakeholder knowledge. Please join us to discuss teaching programs, challenges and successes, and what would make education in "integration" at ANU more effective.

In this newsletter we also start a new feature on ANU Integration Network member publications, which we hope will become a regular inclusion.

Gabriele Bammer and Caryn Anderson

CONTENTS

News & Events

- 23 July 2009, 4-5.30pm, ANU Integration Network Meeting focused on "Education in Integrating Disciplinary and Stakeholder Knowledge"
- Conference Announcements

Professional Development

- 8-9 August 2009, Advanced facilitation workshop, Brisbane

New Resources

- Regeer, B.J. and Bunders, J.F.G. (2009). *Knowledge co-creation: Interaction between science and society (A transdisciplinary approach to complex societal issues)*. RMNO.

ANU Integration Network Member Publications

- Matthews, M. (2009). Fostering creativity and innovation in cooperative federalism—the uncertainty and risk dimensions. In *Critical reflections on Australian public policy*. Australian New Zealand School of Government.
- Russell, A. W., Dolnicar S., and Ayoub M. (2008). Double degrees: Double the trouble or twice the return? *Higher Education*, 55(5).
- Van Kerkhoff, L., and Lebel, L. (2006). Linking knowledge and action for sustainable development. *Annual Review of Environment and Resources*, 31.

Journal Profile

- *Journal of Integrated Social Sciences (JISS)* (new journal)

About ANU Integration News

- How to contribute, subscribe and un-subscribe

July 2009, #16

NEWS & EVENTS

23 July 2009, 4-5.30pm, ANU Integration Network Meeting focused on “Education in Integrating Disciplinary and Stakeholder Knowledge”

Drawing Room, University House

The next ANU Integration Network meeting will be chaired by Professor Liz Deane, Pro Vice Chancellor for Education and aims to draw together faculty, staff and students across campus interested in teaching and learning about integrating disciplinary and stakeholder knowledge. Attendees will be invited to briefly present their areas of interest, along with ideas for moving this agenda forward on campus, so come and join Shayne Flint (CECS), Catherine Summerhayes (CASS), Lorrae van Kerkhoff (CMBE), Alison Wain (CASS) and others.

Please come prepared to share your experiences in terms of teaching programs, challenges and successes, and what would make education in "integration" at ANU more effective.

No RSVP required. Cash bar and light refreshments served.

New Conference Announcements

- 18-20 August 2009, GSO-2009: 2nd International Workshop on Guided Self-Organisation, Leipzig, Germany (<http://www.mis.mpg.de/calendar/conferences/2009/gso9.html>)
- 27-28 August 2009, ASNA 2009: Application of Social Network Analysis: Expanding networks: New reality or new perspective?, Zurich, Switzerland (<http://www.asna.ch>)
- 17-19 September 2009, Action Learning Action Research Association (ALARA) National Conference, “Living differently: Action Researching through Global Ecological and Economic Meltdown, Melbourne, Australia (<http://www.alara.net.au/ConferenceInformation>)
- 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)
- 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/>)

Upcoming Conference Reminders

- 20-23 July 2009, ICOSE09 – 19th Annual International Symposium, International Council on Systems Engineering, Singapore (<http://www.incose.org/symp2009/>)
- 25-27 August 2009, Towards Knowledge Democracy - Experience the cutting edge of synergies between science, politics, society and the media, Leiden, The Netherlands (<http://www.knowledgedemocracy.nl>)

July 2009, #16

- 10-12 September 2009, OR51, The OR Society (Operational Research), Warwick, UK ([http://www.orsoc.org.uk/orshop/\(rnjaeqrae3uyls455sewruj2\)/orcontent.aspx?inc=or51_main.htm](http://www.orsoc.org.uk/orshop/(rnjaeqrae3uyls455sewruj2)/orcontent.aspx?inc=or51_main.htm))
- 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>)
- 8 October 2009, Dealing With Uncertainties In Policing Serious Crime, Canberra, Australia (<http://nceph.anu.edu.au/News/UncertaintyConference/>)
- 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, 43rd Hawai'i International Conference on Systems Sciences, Koloa, Hawai'i, USA (http://www.hicss.hawaii.edu/hicss_43/apahome43.htm)

PROFESSIONAL DEVELOPMENT

8-9 August 2009, Advanced facilitation workshop, Brisbane

Bob Dick presents a two-day "Advanced facilitation workshop". The workshop will help participants enhance their skills and understanding through a mix of theory, instruction, and practice. This is a workshop for people who have several months experience as a facilitator or consultant or who have already completed the "Foundations of facilitation" workshop. People who will benefit may include educators, facilitators, trainers, consultants, workers in extension or landcare, action researchers and action learning facilitators, and team leaders and managers. Full details and costs are available from http://www.uqconnect.net/action_research/wshops/ixws3advf.html.

NEW RESOURCES

Regeer, B.J. and Bunders, J.F.G. (2009). *Knowledge co-creation: Interaction between science and society (A transdisciplinary approach to complex societal issues)*. RMNO.

From summary: "In the 21st century we are confronted with complex persistent problems, that are not easy to resolve. As RMNO (the Dutch advisory council for research on spatial planning, nature and the environment) has been emphasising for some time, unstructured problems require a common learning process between different social actors. Specialist knowledge, professionals and professional practices impede a solution-oriented approach to problems. The complexity of present-day society requires a different approach to societal problems." Available from:

http://www.rmno.nl/templates/mercury.asp?page_id=1489

ANU INTEGRATION NETWORK MEMBER PUBLICATIONS

This new feature of the ANU Integration News will highlight 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 Caryn

July 2009, #16

Anderson (caryn.anderson@anu.edu.au) and we will highlight those publications most relevant to the ANU Integration Network community.

Matthews, M. (2009). Fostering creativity and innovation in cooperative federalism—the uncertainty and risk dimensions. In *Critical reflections on Australian public policy*. Australian New Zealand School of Government.

From first paragraphs: Policy narratives in OECD nations are now starting to stress the importance of 'innovation' as a public sector objective. On one level, this reflects efforts to align thinking with a wider discourse on innovation, arguably in an effort not to be left out of the picture. In this essay, I focus upon a particular objective of innovation in the public sector: the management of uncertainty and risk. I argue that governments place too great an emphasis on the 'management of risk' and not enough emphasis on the 'management of uncertainty'. A greater emphasis on the management of uncertainty, in turn, helps us to understand what public sector innovation is—and why it is so important. Available free online from http://epress.anu.edu.au/critical_citation.html.

Mark Matthews is Director of Policy and Engagement at the new Centre for Policy Innovation in the Research School of Social Sciences, CASS and Executive Director of the Forum for European-Australian Science and Technology cooperation (FEAST).

Russell, A. W., Dolnicar S., and Ayoub M. (2008). Double degrees: Double the trouble or twice the return? *Higher Education*, 55(5).

From abstract: Double degrees (also called joint or combined degrees) – programs of study combining two bachelor degrees – are increasingly popular in Australian universities, particularly among women. A case study using qualitative and quantitative surveys of current and past double degree students is presented. The study indicates that double degrees benefit students in providing a broad education and increasing skills and options. However, benefits are not fully realised because of administrative difficulties, lack of support and absence of 'learning communities'. We suggest initiatives that would improve the experience, performance and persistence of double degrees students. Available from <http://ro.uow.edu.au/cgi/viewcontent.cgi?article=1325&context=commpapers> (PDF).

Wendy Russell is a visiting fellow in the National Centre for Epidemiology and Population Health, CMBE.

Van Kerkhoff, L., and Lebel, L. (2006). Linking knowledge and action for sustainable development. *Annual Review of Environment and Resources*, 31.

From abstract: It is now commonplace to assert that actions toward sustainable development require a mix of scientific, economic, social and political knowledge, and judgments. We review conventional views of the linkages between research-based knowledge and action, and the early response to concerns that these links could and should be improved, through efforts at translation and transfer. We then examine the range of critiques that challenge those conventional views and review the theories and strategies that have emerged in the attempt to improve the linkages between research-based knowledge and action in the context of sustainability across four broad categories: participation, integration, learning, and negotiation. We conclude with questions that may offer useful orientation to assessing or designing research-action arenas for sustainable development."

Available free online from <http://arjournals.annualreviews.org/doi/abs/10.1146/annurev.energy.31.102405.170850>.

Lorrae van Kerkhoff is a lecturer in the Fenner School of Environment and Society, CMBE.

July 2009, #16

JOURNAL PROFILE

Journal of Integrated Social Sciences (JISS)

"JISS attempts to provide a platform that fills the void of a unified approach in the social sciences. We are launching our peer-reviewed journal with several disciplines in mind that are central to the social sciences: Psychology, Sociology, Political Sciences, and Gender Studies. Our hope is that students and professionals alike will take advantage of this new outlet for their ideas and quality work, to be shared with others, thereby bridging the isolation that often exists between the various social disciplines. We are therefore particularly interested in interdisciplinary and/or holistically oriented projects and invite you to share such investigations with the rest of the scholarly community."

"A major focus point of JISS centers on the concept of "transformations". We do not see the world as a static, unmoving entity. Rather, social nature is developmental and thus transformative in its characteristics. Hence, we especially encourage authors with a key interest in examining how phenomena transform to submit their research. We are especially interested in those works that share a wide perspective for analysis and synthesis — i.e. on what the nature of the "whole" is. This approach stands in opposition to elementaristic observations that focus on parts, which without their relation to the whole phenomena become artificial and meaningless. We believe that works aimed at capturing the dynamics, fluidity, and synthesis of individual and social phenomena are all too often underrepresented in scholarly journals."

* Website: <http://www.jiss.org/>

* Call for submissions: <http://www.jiss.org/submissions/>

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. To contribute material or to subscribe or unsubscribe from the newsletter, please contact Caryn Anderson at caryn.anderson@anu.edu.au.