

August 2008, #8

WELCOME

We invite you to join us for the next meeting of the ANU Integration Network on Thursday 28th August 2008 from 4-5pm in the CRES Seminar Room, Hancock West (Bldg 43). Professor Stephen Dovers of the Fenner School of Environment and Society will lead a discussion around practical, organisational incentives and other steps that can be taken to better enable (or at least not constrain) integrative endeavours at ANU. Refreshments will be available. The conversation at the last meeting with Lawrence Cram was very stimulating and this next meeting is certain to develop the ideas further. We hope you can join us.

Gabriele Bammer and Caryn Anderson

CONTENTS

News & Events

- Thursday, 28 August 2008, 4-5pm, ANU Integration Network Meeting – presenter Professor Stephen Dovers, Fenner School of Environment and Society
- 8-9 September 2008, Introduction to Research Integration for Knowledge and Action: A short course for graduate students
- REPORT: 5 August 2008, 2-3.30pm, ANU Integration Network Student Group Meeting on Networks and Networking
- Conference Announcements

New Publications & Resources

- The Science of Team Science, an American Journal of Preventive Medicine supplement

Jobs & Opportunities

- The University of Manchester School of Environment and Development Research Fellowship (Climate Change and Cities), Bruntwood Initiative for Sustainable Cities (BISC)

Journal Profile

- System Dynamics Review

Professional Society Profile

- International Society for Ecological Economics

About ANU Integration News

- How to contribute, subscribe and un-subscribe

August 2008, #8

NEWS & EVENTS

Thursday, 28 August 2008, 4-5pm, ANU Integration Network Meeting – presenter Professor Stephen Dovers, Fenner School of Environment and Society

The next ANU Integration Network meeting will be chaired by Professor Stephen Dovers, who will lead a discussion around practical, organisational incentives and other steps that can be taken to better enable (or at least not constrain) integrative endeavours at ANU. ANU Integration Network meetings are an opportunity for those interested in cross-disciplinary research at ANU to engage with each other and discuss ideas for improving the practice of integrating research across disciplines. All ANU Integration Network members and guests are welcome. Refreshments will be provided. CRES Seminar Room, Hancock West (Bldg 43).

We are also planning a student-run meeting on the 6th of November to address the unique challenges faced by PhD students engaged in cross-disciplinary, problem-based research.

8-9 September 2008, Introduction to Research Integration for Knowledge and Action: A Short Course for Graduate Students

Cross-disciplinary research requires a solid foundation in a set of concepts and methods for integrating knowledge across disciplines and for incorporating practice (stakeholder) knowledge. Theory and methods for cross-disciplinary research are being developed in the emerging discipline of Integration and Implementation Sciences (I2S). This course provides an overview of this new cross-cutting discipline. As well as a general summary of I2S, the course will provide an introduction to:

- a practical framework within which to think about integration;
- strategies for problem scoping, framing and boundary setting;
- methods of integrating across disciplines and practice areas; and
- the nature of uncertainty, diverse ways it emerges in cross-disciplinary research, and methods for managing it.

Schedule/Fees

6-9pm Monday, 8 September and 8.45am–4.45pm Tuesday, 9 September in the Drawing Room at University House. \$35 for students includes dinner, morning and afternoon tea, lunch, and course materials. Registration flyer: <http://www.anu.edu.au/iisn/index.php?action=courses>

This course is partially supported by a grant from the Higher Degree by Research Innovation Fund of the Office of the Vice-Chancellor of the Australian National University.

REPORT: 5 August 2008, 2-3.30pm, ANU Integration Network Student Group Meeting on Networks and Networking

On the 5th of August a sub-section of the student group met to discuss ideas for developing a network and network activities that would be of value to PhD students conducting research across disciplines. There was discussion about developing a database and having regular speakers from

August 2008, #8

various disciplines to increase exposure and connections to various areas around the university. The meeting also discussed the student-led ANU Integration Network meeting, which will be held in November. A project site has been set up in Alliance for the ANU Integration Network Student Group to coordinate online discussions to plan this meeting. Notes from the 5 August meeting are on this site. Chris Hatherly, a PhD student at the Centre for Mental Health Research, has agreed to coordinate the next steps. If you are a student and wish to participate in the online worksite, please send your University ID number to Caryn Anderson, caryn.anderson@anu.edu.au.

New Conference Announcements

- 2-4 September 2008, *Scientific stakes in continental biosphere sciences: Which research infrastructures do we need to face them?*, Paris, France (https://colloque.inra.fr/anaee_workshop_2008)
- 14 November 2008, *Analysing Collaborative and Deliberative Forms of Governance*, Canberra, Australia (<http://deliberativedemocracy.anu.edu.au/>)

Upcoming Conference Reminders

- 11-12 September 2008, *Annual Conference of Action Learning*, Action Research Association, Canberra, Australia (<http://www.alara.net.au/public/home>)
- 30 September – 1 October 2008, *3rd Annual Conference of the Australian and New Zealand Chapter of the Society for Risk Analysis*, Canberra, Australia (<http://www.acera.unimelb.edu.au/sra/news.html>)
- 23-26 October 2008, *30th Annual Conference of the Association for Integrative Studies*, Springfield, Illinois, USA (http://www.units.muohio.edu/aisorg/Conference/conference_upcoming.shtml)
- 27-28 November 2008, *Transdisciplinarity Conference 2008: Inter- and Transdisciplinary Problem Framing*, Zurich, Switzerland (<http://www.transdisciplinarity.ch/newsmail/detail.php?id=1098>)
- 1-3 December 2008, *ANZSYS 2008, 14th International Australian and New Zealand Systems Conference*, Perth, Australia (<http://scissec.scis.ecu.edu.au/anzsys08/>)
- 7-10 December 2008, *28th Society for Risk Analysis 2008 Annual Meeting*, Boston, USA (http://www.sra.org/events_2008_meeting.php)

NEW PUBLICATIONS & RESOURCES

The Science of Team Science, an American Journal of Preventive Medicine supplement (August 2008). [20 articles on theory and methods of collaborative, transdisciplinary research in preventive medicine.] http://cancercontrol.cancer.gov/brp/scienceteam/ajpm_complete.pdf

JOBS & OPPORTUNITIES

Research Fellowship: The University of Manchester School of Environment and Development Research Fellowship (Climate Change and Cities) Bruntwood Initiative for Sustainable Cities (BISC) <http://www.manchester.ac.uk/contentlibrary/vacancies/furtherparticularsmax10mbpdf,138157.en.pdf>

August 2008, #8

JOURNAL PROFILE

System Dynamics Review: the Journal of The System Dynamics Society

"The *System Dynamics Review* exists to communicate to a wide audience advances in the application of the perspectives and methods of system dynamics to societal, technical, managerial, and environmental problems. The *Review* publishes: advances in mathematical modelling and computer simulation of dynamic feedback systems; advances in methods of policy analysis based on information feedback and circular causality; generic structures (dynamic feedback systems that support particular widely applicable behavioural insights); system dynamics contributions to theory building in the social and natural sciences; policy studies and debate emphasizing the role of feedback and circular causality in problem behaviour; developments in strategies for simulation-based consulting and implementation of model-based policy conclusions; contributions to, and applications of, nonlinear dynamics and deterministic chaos; advances in methods and applications of systems thinking approaches relevant to the analysis of dynamic feedback systems; significant contributions to system dynamics teaching"

* Website: <http://www3.interscience.wiley.com/journal/11215/home>

* Impact factor: 0.656 (2007)

PROFESSIONAL SOCIETY PROFILE

International Society for Ecological Economics

"ISEE is a not-for-profit, member-governed, organization [founded in 1989] dedicated to advancing understanding of the relationships among ecological, social, and economic systems for the mutual well-being of nature and people. ... The Society assists its members and ecological economists, regional societies of ecological economics, related societies, and other organizations in such matters of common concern as can be dealt with more effectively by united action. To this end, the Society publishes a research journal, books, and other materials; holds and sponsors scientific meetings; develops educational materials; and facilitates a voice for ecological economists in public forums."

* Journal: *Ecological Economics*

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

* Conference: Biennial conferences on even numbered years. Most recent: 7-11 August 2008, Nairobi, Kenya (some materials available from: <http://www.ecoeco.org/conference08/>). 2006: Delhi, India.

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). In addition to current information, each issue will also highlight a relevant journal and professional society. Our aim for 2008 is to distribute the newsletter monthly. 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.