

THE ART & SCIENCE OF INTEGRATION & IMPLEMENTATION

A SHORT COURSE FOR RESEARCH LEADERS

30 MAY (6-9pm) & 31 MAY - 2 JUNE (9am-5pm), 2011

Expressions of interest close Thursday March 31, 2011

- Does your research address complex real-world problems?
- Do you need to bring together knowledge from different disciplines and stakeholders?
- Do you need to take risk, uncertainty and other unknowns into account?
- Do you seek to inform policy making and practice change?

This course provides a framework for systematically addressing knowledge synthesis, unknowns and research support for policy and practice change. The course is underpinned by the new discipline of Integration and Implementation Sciences (see <http://i2s.anu.edu.au>).

Who should attend?

This course is aimed at experienced researchers, research managers and project leaders. Participants will be working on a range of complex real-world issues, especially in population health, environmental and natural resource management, and policing and security. An outstanding feature of this course is the opportunity offered for fostering cross-fertilization of ideas and methods through a mix of didactic, reflective and group work.

The course will provide:

- a framework to design research integration and implementation
- approaches for taking risk, uncertainty and other unknowns into account
- an overview of systems thinking and modelling
- a review of dialogue methods for knowledge synthesis
- ideas for overcoming organisational barriers to knowledge synthesis
- an overview of theories about policy making to enhance effective implementation
- opportunities for you to reflect on your current research approaches and ways to build on them
- an environment and structure where you can interact with other experienced researchers to share skills, concepts and methods, as well as building new strategies for your own work.

Presenters

Professor Gabriele Bammer, Dr Jen Badham, Professor Michael Smithson,
Dr Alice Roughley and Mr David McDonald

Duration

One evening and three full days.

Number of Participants

This course is limited to a maximum of 15 participants.

Location

University House, Building 1
The Australian National University
Canberra

Fees

Full registration: \$2,750
Registration fee includes GST, course materials, dinner on 30 May, lunch and refreshments on 31 May - 2 June.

Successful applicants will be notified in the week of April 4th, 2011. Our aim is to have a good balance of participants. Registration fees will be due at that time. In general, registration fees are non-refundable.

Expressions of Interest

Register online at

http://nceph.anu.edu.au/Short_Courses/Integration/index.php

Draft Course Outline

http://i2s.anu.edu.au/sites/default/files/courses/DRAFT_i2s-course_outline.pdf

Enquiries

E: nceph_shortcourse@anu.edu.au
or Professor Gabriele Bammer
P: 02 6125 0716
E: Gabriele.Bammer@anu.edu.au

REGISTER YOUR EXPRESSION OF INTEREST ONLINE at

http://nceph.anu.edu.au/Short_Courses/Integration/index.php

THE ART AND SCIENCE OF INTEGRATION & IMPLEMENTATION

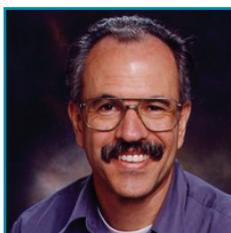
COURSE PRESENTERS



Professor Gabriele Bammer is developing the new discipline of Integration and Implementation Sciences, which provides concepts and methods central to tackling complex real-world problems (see <http://i2s.anu.edu.au>). She is co-author of *Research Integration Using Dialogue Methods* (2009), editor of *Dealing with Uncertainties in Policing Serious Crime* (2010) and co-editor of *Uncertainty and Risk: Multidisciplinary perspectives* (2008) and *Bridging the 'Know-Do' Gap: Knowledge brokering to improve child wellbeing* (2010). She is also a Research Fellow at the Program in Criminal Justice Policy and Management, John F Kennedy School of Government, Harvard University.



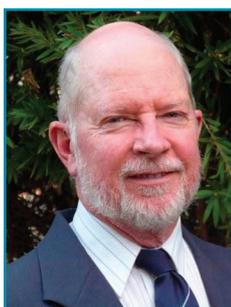
Dr Jen Badham is a mathematician with 20 years experience developing policy for government and industry organisations. Much of this experience concerns complex and controversial health issues such as health financing and electronic health records. She is a Research Fellow attached to the Integration and Implementation Sciences program with primary responsibility for preparing a book on modelling tools. She is also interested in the way in which social structures influence other aspects of society, such as the transmission of beliefs.



Professor Michael Smithson is the author of *Confidence intervals* (2003), *Statistics with confidence* (2000), *Ignorance and uncertainty* (1989), and *Fuzzy set analysis for the behavioral and social sciences* (1987), co-author of *Fuzzy set theory: applications in the social sciences* (2006) and co-editor of *Uncertainty and risk: multidisciplinary perspectives* (2008) and *Resolving social dilemmas: dynamic, structural, and intergroup aspects* (1999). His primary research interests are in judgment and decision-making under uncertainty, social dilemmas, applications of fuzzy set theory to the human sciences, and statistical methods for the human sciences.



Dr Alice Roughley has a doctorate in integrated local area planning and a Masters Degree in Social Impact Assessment. She managed two highly integrated R&D portfolios, one for Land & Water Australia, the other for the Desert Knowledge CRC. She is the author of *Knowing People: Integration of social science in NRM organizations 1978-2002*, and organized a national symposium on research integration in 2004. In 2008-9 Alice developed the National Natural Resource Management Framework for Monitoring and Evaluation and a set of associated implementation guides based on integrative research methods. She has extensive experience in community development and as a social policy practitioner.



Mr David McDonald is a social scientist with research interests in integration and evidence-informed public policy, particularly in domains where public health and criminology/criminal justice intersect, such as alcohol, tobacco and other drugs policy. He is co-author of *Research Integration Using Dialogue Methods* (2009). As well as holding a part-time academic appointment at ANU, he is the principal of a consultancy company that specialises in policy analysis and policy evaluation. His clients include the Commonwealth and State/Territory Government agencies, and NGOs.