



**ESRC Centre for Analysis  
of Risk and Regulation**

Annual Report 2005



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Published by the ESRC Centre for Analysis of Risk and Regulation at the London School of Economics and Political Science, Houghton Street, London WC2A 2AE

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The information in this leaflet can be made available in alternative formats. Please contact Stephanie Harris Tel: +44 (0)20 7849 4635 Email: [risk@lse.ac.uk](mailto:risk@lse.ac.uk)

Design and art direction: LSE Design Unit

Images: LSE, page 11 by Corbis

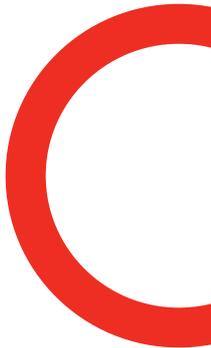
## Introduction

The Centre for Analysis of Risk and Regulation (CARR), based at the London School of Economics and Political Science, has assembled a cross-discipline research unit to focus on how risk management and regulatory practices operate in organizations and institutions; it now leads the way in deepening the intellectual field of risk regulation studies. The Centre has encouraged different intellectual traditions to foster a social science approach to regulation and risk management that uses both state and private sector support to fund international scholarship at workshops and conferences, and to develop young scholars in risk regulation studies.

CARR was established as an Economic and Social Research Council research centre in October 2000 and during this year, after a mid-term review, successfully secured a second funding term from the Council. This report covers the fifth year of the Council's funding, covering the last nine months of the first phase and the first three months of the second.

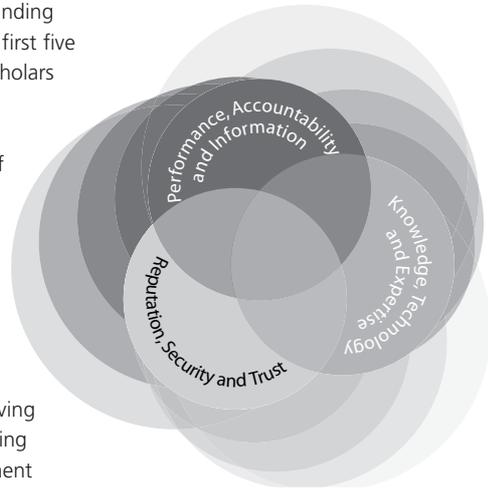
## Aims and objectives

- *To accumulate multidisciplinary research on the organization and institutions of regulation and risk management.*
- *To conduct comparative research linking work in regulation and risk management.*
- *To promote the use of research through seminars, publications and publicity.*
- *To create a recognised UK national research resource.*
- *To deepen links to overseas research centres.*



## Research highlights for 2005

In October of 2005 CARR initiated its second ESRC funding term and began to build on the work produced in its first five years, during which the Centre created a home for scholars to expand comparative studies of regulation and risk management. Over the next five years CARR plans to concentrate its expanding resources on the analysis of risk regulation, mainly by looking at the way organizations and institutions handle risk and assemble governance and accountability systems. CARR staff members have outlined plans for pioneering research that will absorb lessons from the work of the first five years and extend the sphere of activity. Researchers have launched some projects already and are preparing others, some of them involving funding bids. Throughout, CARR will commit to building theoretical and empirical links between risk management studies and regulatory processes and it will develop interdisciplinary studies to fuse work in management, sociology, organization theory, economics, political science and law. The research projects will be grouped under three themes.



- Performance, Accountability and Information
- Knowledge, Technology and Expertise
- Reputation, Security and Trust

Each will address an established risk regulation topic, for example discussing state responses to risks and ways to explain different approaches. Another example would be a look at the influence of risk debates on regulatory policy and risk regulation across borders. All the projects will add some distinct features to established themes. They will:

- Contribute to the body of knowledge about organizational risk management that government says it needs to inject into the running of public services.
- Study non-state regulation as an expanding need for regulation and risk management draws upon more input from private organizations.
- Deepen the study of the social and institutional character of risk management techniques, including quantitative methods and models.

A booklet describing all the projects will be published during 2006.

## Publications

Two books published during the year under review exemplified CARR's research objectives during its first five-year programme.

### 1. Organizational Encounters with Risk

By CARR Co-Directors *Bridget Hutter* and *Mike Power*

An edited collection of original papers from a CARR workshop written by risk management experts from various disciplines who raised critical questions about how organizations understand and perceive the risks they face in today's dangerous world, and whether these can be managed in any realistic sense.

Organizations face a variety of risks ranging from simple errors and anomalies to outright disasters and need to reorient themselves – and the people within them – to respond to crises. Not surprisingly, the collection attracted considerable national and international interest because the papers asked whether organizations were essentially trying to manage the potentially unmanageable. Many factors influence the response to risk, for example the ability of information systems to cope and concerns about legal liability. This publication offered multi-discipline social science perspectives to help understand the issues.



### 2. Regulatory Innovation: A Comparative Perspective

A collaboration between CARR's lawyers and political scientists, this book looked at the importance of innovation in public and private sector organizations, drawing on deep studies into 20th century innovation around regulatory instruments and practices across both high- and low-technology sectors, and across different countries. It identified and shone a spotlight onto the different regulatory innovation worlds ranging from individuals, organizations, the state, global institutions and innovation itself. This collection underlines the way the Centre can launch vital collaborative initiatives needed to build important comparative work around risk regulation issues.



Also, the publication during the year of a paperback version of *Controlling Modern Government* underlined CARR's position as a leading international collaboration centre dedicated to promoting research. This book emerged from work by an international group of researchers led by CARR Programme Director Professor *Christopher Hood*. During the same year publishers reprinted *Mike Power's* *Audit Society* in French (see appendix A1).

## Research Programme 1: Organizations and risk management

### Research team:

Bridget Hutter  
Javier Lezaun  
Peter Miller  
Joan O'Mahony  
Mike Power  
Henry Rothstein

### Research activities

This programme addresses how organizations understand and process risk and focuses on three themes that arise when institutions introduce risk management. Risk is an obvious problem for organizations to manage and a common thread running through the themes suggests a complex web of institutional forces shapes the way organizations identify, understand and handle any risks they face. Formal law may dictate responses but it is not the only influence, so CARR research has tried to identify the diverse processes used to identify risks and render them manageable, including accounting and information systems.

The three themes are:

### Theme a: Knowledge and ideas

This theme covers the foundations of risk management thinking and practice, particularly how new concepts emerge and develop and so impact the way managers and regulators build processes to handle uncertainty. The research looks at how risk management practices and standards become formalized and so become widely regarded as best practice blueprints. Mike Power continued to compare new practices in risk management designed to protect operations and reputations and efforts to create authoritative bodies of expertise within institutions. Risk management to protect operations is now institutionalised to a significant degree but this is not at all the case for guarding reputations, even though this is becoming increasingly important. Rothstein, Huber and Gaskell analysed how the idea of risk in itself has become a framework for defining regulatory processes, that has in turn increased the risk of institutional threats to the regulators themselves – as the world demands more consistent and transparent regulations, accountable regulators can expect people to challenge their reputation when things do go wrong and public expectations are disappointed. Power deepened this examination of how public expectations of risk regulation create vulnerabilities in work on how audits influence risk management, and researchers also focused work on risk-based approaches to regulation. In separate studies, Rothstein, Black, Hutter and others have argued that this approach to regulation is not an obvious way forward because efforts to embed the idea have encountered criticism. Early research suggests developing standardised approaches is dangerous because ways to regulate risk management vary, depending on the nature of the risk, available funds and the political background.

**Theme b: Inter-organizational fields**

Risk management in society involves more than just arming a single regulator with laws and the right to apply them, so this research theme looks at relationships that develop between all the players within a given risk regulation system. Researchers experimented with analytical concepts to explore the structure of regulations, including networks, constellations, regulatory space and organizational field.

**Lezaun**, with other European researchers, is delving into attempts to spread technical practices and institutional frameworks to regulate genetically modified organisms in the food chain and his research is analysing how different EU institutions process crises that cross borders.

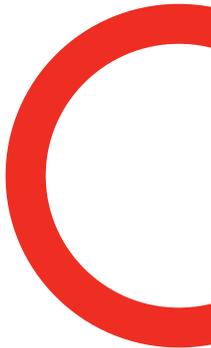
Within the UK food safety field, **Rothstein** is examining public participation in reforming risk regulation and is suggesting potential benefits of such participation could be weakened by a variety of problems, for example, trying to marry the contribution to public debate with the demands of regulation, the need for discretion in balancing what public participants want and other forces, and inbuilt conflicts that run through the participation process itself.

In the United Kingdom health care and social services partnerships **Miller** and **Kurunmäki** are looking at inter-organizational risk management, especially a key role played by efforts to create pooled budgeting systems that represent the partnerships' fiscal position.

**Hutter** and **O'Mahony** examined how NGOs influence regulations to see what motivated civic-business relations in the UK's top 100 publicly listed companies; **O'Mahony** found significant similarities in the way different industry sectors tried to create a formal dialogue with non-traditional stakeholders such as environmental and human-rights groups.

**Theme c: Organizational contexts**

Encounters with risk are often mediated by legal compliance frameworks but there is considerable scope for looking at other organizational responses to risk and uncertainty, so **Bridget Hutter** and **Clive Jones** are developing an analytical framework for business responsiveness to risk that could be applied to food hygiene and finance. During work on how businesses identify and manage risk in food hygiene and food safety, they surveyed 200 UK owner-managers and found considerably different views about compliance, food safety and food hygiene. State regulators have a key role to play in influencing business practices, particularly in smaller entities that want the clarity of simply being told what to do. Their research has also explored the role of non-state organizations in influencing business risk management, a theme that underpinned a CARR conference called *Global Governance and the Role of Non-State Actors*. Also, **Hutter** has looked at the way different players in economic and civil society contribute to information gathering, standard setting and changing the regulations that control organizations, especially bodies that want to preserve a public reputation.



## Research Programme 2: Regulation of Government and Governance

### Research team:

Christopher Hood (Programme Director)  
Julia Black  
Timothy Besley  
Will Jennings  
Robert Kaye  
Martin Lodge (Deputy Programme Director)  
Colin Scott  
Mark Thatcher

### Research activities

This programme analyses changes in the instruments of government and governance that are emerging with the expansion of what are being called the 'regulatory state' and the 'new public management state'. This research programme is deepening the study of government regulation and governance, mainly using comparative institutional analysis. Collaboration among researchers over the first five years has produced two books:

- *Controlling Modern Government* (edited by Christopher Hood et al)
- *Regulatory Innovation* (edited by Julia Black, Martin Lodge and Mark Thatcher)

### Cross-nation comparative analysis of regulation of public sector bodies

CARR continues to look at changes in government methods of control (Hood, Scott and Lodge) following publication of a CARR-led international collaborative study *Control over Modern Government*. Hood and Lodge have completed a book manuscript for their study – *The Politics of Public Service Bargains* – within which they have developed a concept of public service bargains that addresses rewards, competency, responsibility and loyalty. Kaye continued work on how the conduct of politics is regulated, broadening earlier work on the British parliament to cover other English-speaking legislatures.

### Comparison of regulatory behaviour and regulatory innovation in different environmental conditions

A second publication of this group was collaborative – *Regulatory Innovation*, edited by Black, Lodge and Thatcher, that combines individual and collaborate research in various low-tech and high-tech areas to develop a fresh perspective – worlds of regulatory innovation – that assembles for the first time diverse disciplinary approaches to innovation. It encompasses contributions from Black, Hood, Kaye, Lodge, Scott and Thatcher. Meanwhile, Thatcher and Lodge continued individual work on the internationalisation of regulations. Scott and Lodge expanded their interest in new ways of governance and regulation. Timothy Besley worked on competition, ownership and incentives in providing public services. Thatcher, with David Epstein (Columbia) and Sharyn O'Halloran (Columbia) has continued his work on non-elected institutions and with David Coen (UCL) edited a special issue of *Governance*. Black is working on financial regulation, while Lodge, with Lindsay Stirton (UEA) looked at regulation in network industries across the English-speaking Caribbean, in particular telecommunications and electricity regulation in Jamaica, Barbados and the Republic of Trinidad and Tobago. Jennings has started work on the responsiveness of regulatory regimes to public opinion, in particular in issues of immigration and asylum, and continued his work on blame.

### **Comparison of regulation by different institutional mechanisms and different levels of government**

The third theme of this research group has been to look at the impact of different institutional mechanisms, such as that of elected regulators compared with appointed ones, or domestic state regulators compared with foreign ones. **Besley** explored these issues in the context of the political economy of policy choice. **Hood** deepened his individual work on targets and international rankings and, in collaboration with **Gwyn Bevan** at the LSE, looked at UK health and, more generally, worked alongside Steven Kelman from Harvard University.

## Planned research over the coming five years

In its second five years of risk regulation research CARR will launch separate projects to address one or more of three allied themes:

### **Research Theme 1: Performance, Accountability and Information**

Led by **Peter Miller**, this theme will focus on CARR's interest in legitimacy and accountability and the challenges posed by the concept of an audit society. Within it, research projects will expand knowledge about how people understand risk and try to reduce it worldwide. Analysis will expand beyond looking at state activity alone to consider governance, where the design and assembly of control systems relies on attitudes in both the public and private sectors. In both these sectors the systems of accountability and governance that demand the performance evaluation of individuals and organizations are now well established, but continue to be controversial – and some activity still manages to avoid the imposed formal systems. Regulatory bodies and non-governmental organizations are required increasingly to use targets, accounts and indicators to justify their performance yet accounting and auditing, two key features of this performance measurement culture, are themselves under scrutiny and subject to extra regulation. Nevertheless, the search to create more performance indicators continues, as does the building of the information systems needed to police them, so much so that many observers complain that the effort to regulate, change and measure the performance of organizations – particularly in the public sector – actually interferes with the job they exist to do; others suggest demands for accountability look more like a reaction to political forces than the result of thoughtful design. And, despite calls for more openness in the way the rules are set and steered, many areas of regulation seem to demand more and more information yet offer little in return.

### **Research Theme 2: Knowledge, Technology and Expertise**

Led by **Mike Power**, this theme recognises the critical role of knowledge and expertise in regulatory and risk management systems, firstly in understanding the effect of a technology like genomics, and secondly in applying the expertise within risk management agencies such as technical, accounting and medical bodies. Numerous studies, notably Vaughan's influential analysis of the *Challenger* launch decision, suggest the way organizations deal with minor errors and anomalies becomes a critical component in risk regulation. So this research focuses on understanding the role of expertise in risk regulation processes, looking at experts both as the object of regulation and the way they act as regulators themselves. Since experts regard risk and regulation issues from a vantage point created by their own knowledge, they often construct responses to problems only within boundaries limited by that knowledge. Also, definitions of an error vary, and the way an organization lives up to demands to be 'responsive' very much depends on how it recognises or ignores warning signals. This theme therefore addresses error handling within knowledge management and the way risk regulation processes view the very concept of what is evidence and how an error is identified.

### **Research Theme 3: Reputation, Security and Trust**

Led by [Martin Lodge](#), this theme looks at the way concern about threats posed by social, political and geographical change have shunted security, trust and resilience to the forefront of academic and practitioner debates. Policies and organizations that determine risk regulation now face various potential crises that can emerge either as a sudden surprise or gradually, incrementally – at a time when academics are charting a decline of public trust in authority and expertise.

Key questions being asked in this field are:

- How can regulatory regimes manage risk and so avoid disruption?
- How do actors on the regulation stage consider issues of trust and reputation in the risk management strategy?
- How do regulators trigger, and respond to, unintended consequences?

Three interrelated issues lie at the heart of this CARR research theme:

#### **3a: Institutional design of risk regulation regimes**

Since any risk regulation regime must be recognised and accepted, questions about its legitimacy and trust must relate to the values the various regulations are trying to optimise, given inevitable trade-offs between different efficiency, equity and resilience goals.

#### **3b: Democratic responsiveness**

The idea that the development of regulations rests on interaction between the regulatory system and public opinion offers a rich field for analysis, especially if the 'regulatory state' has a preference for non-elected institutions. Strategies to design regulations and bring them into practice need to address the issues of democratic responsiveness and avoiding blame, and there is scope to research responses to public participation both through mechanisms that rely on small group deliberation and those at a wider level, such as the use of opinion polls.

#### **3c: Unintended Consequences of Regulatory Interventions**

An interest in the potential unintended consequences of regulatory intervention has become a key issue in the study of risk regulation because any control system tends to become aligned to a particular cultural view of the world and so becomes vulnerable. This field of study into side-effects and perverse-effects looks at how intervention by regulators can generate unexpected responses among those affected and how risk regulation systems respond to unintended consequences – or sometimes do not respond.

## Other research projects

Staff members at CARR have launched, or have submitted, research bids for a number of projects. Examples of work by CARR full-time staff during this period are:

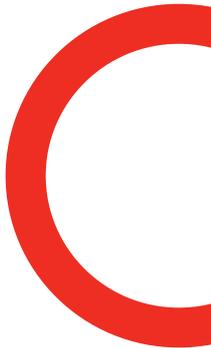
**Bridget Hutter** and **Clive Jones** blended a funding bid to build a project on the foundations of their research into risk management practices in food businesses, a venture to develop their original work into a comparative study to consider various fields in risk regulation linked to CARR's overall research themes.

**Will Jennings** started to collect time series data on UK public opinion and social, economic and political indicators to build a platform for research into democratic responsiveness and the regulation of government by public opinion. This will be supported by empirical investigations into the role of public opinion in risk regulation.

**Robert Kaye** has initiated work on a project to try and understand the process of regulatory change in professions, an attempt to understand how professional organizations respond to pressures to adopt regulation from both government and adjacent regulatory organizations.

**Javier Lezaun** has started work on a book entitled *Governing Transgenes* that will analyse European efforts to regulate genetically modified organisms in the food chain. In collaboration with researchers in Europe, he is looking at cross-border crises facing the EU and the development of EU-wide responses.

**Henry Rothstein** is examining factors that shape the perception, management and impact of institutional risks, in a piece of work looking at the factors that shape the identification of such risks in the minds of regulators, how they assess and manage them, and the impact of institutional risk management on society.



## Communication and engagement – where to find our work

A dominant CARR commitment is to disseminate information and engage with non-academics, mainly through its website and the magazine *Risk&Regulation*.

**Website:** The site is frequently visited, mainly by people who do not work at the LSE, which suggests a high level of interest in our activities. The discussion papers continue to attract considerable interest, at an average of 7,000 hits each although the more topical subjects attract over 20,000 hits.



**Magazine:** Some 1,750 hard copies of our biannual magazine *Risk&Regulation* are despatched at each issue and the magazine is available online; in 2005 some 34,500 readers downloaded a copy. During the year two editorial initiatives attracted interest: a CARR student column and 'Meet the Regulator' features that included interviews with the Information Commissioner and the Advertising Standards Authority.



**Engagement:** CARR has solid links with non-academic communities within the UK and worldwide, for example giving advice to the OECD and the World Economic Forum on the social understanding of global risks. CARR staff advised various public bodies within the UK and abroad, including the UK's Better Regulation Executive, the Department for Environment, Food and Rural Affairs (DEFRA), the Environment Agency, the Health and Safety Executive, the House of Commons Public Administration Select Committee and the Department of Constitutional Affairs. Staff also extended advice to business and NGOs; for example, **Hutter and Jones'** feedback to food companies that participated in a food survey that was an important part of the business responses to a risk management and regulation research project.

**Practitioner Fellows:** Three Practitioner Fellows worked at the Centre in 2005:

**Michael Spackman**, a Practitioner Fellow in the first phase who still works at the Centre. Spackman was at HM Treasury until 1995 and Chief Economist at the Department of Transport. He also is a Special Advisor to National Economic Research Associates.

**Christopher Swinson**, Chair of CARR's Policy Advisory Committee until September 2005, is now a Practitioner Fellow; he is former President of the Institute of Chartered Accountants in England and Wales, former senior partner, BDO Stoy Hayward and former Comptroller and Auditor General, States of Jersey.

Our third Practitioner Fellow is **James Strachan**, Chair of the Audit Commission.

## Conferences and workshops

CARR held 23 workshops, conferences and seminars in 2005 that routinely attracted practitioners and students. The Centre also ran workshops allied to other ESRC initiatives, some in London and some in the UK regions.

### **Governance and NGOs of the Future**

This January 2005 meeting in Brussels, held in association with The European Policy Forum and the European Economic and Social Committee, brought together international organizations, academics and NGOs to discuss governance trends and future implications, exploring the idea of a code of conduct that could help NGOs adapt to predicted changes in governance.



### **The Regulation of Genetics Outside the State**

This March 2005 two-day joint workshop with the ESRC Centre for Genomics in Society at the University of Exeter explored the effectiveness of non-state actors in managing risks posed by advances in genetics, an area where the state has opted to take a regulatory back-seat, preferring instead to outsource regulation to private parties in the form of civil society organizations, scientists, corporations and health care professionals. The workshop assembled 50 academics and practitioners and incorporated presentations on the failure of self-regulation for dual-use biomedical technologies by Dr Filippa Corneliussen (LSE); the ethical, psychological and regulatory challenges of genetic testing by Dr Carlos Novas (LSE), Dr Paula Saukko (Egenis), and Stuart Hogarth (Cambridge); the factors shaping research agendas and funding in the biosciences by Dr Alf Game (BBSRC) and Dr Christophe Bonneuil (CNRS); and the disputed status of intellectual property rights over biotechnology products by Dr Jane Calvert (Egenis) and Dr Alain Pottage (LSE).



### **Financial Innovation: markets, cultures and politics**

Financial innovation remains little studied outside of economics and business studies yet it is a key influence on the world economy and has important consequences for the management of risk in society and for political systems. This meeting broadened the understanding of financial innovation by looking at issues through the lens of social studies of finance, especially work based in the sociology of science and technology and in international political economy. Hosted by CARR and the Social Studies of Finance Group, it was led by ESRC Professorial Fellow Professor Donald MacKenzie (University of Edinburgh), who launched the workshop with a paper arguing that finance theory had been an important catalyst of financial innovation, just as science had prompted technological innovation. Papers by Fabian Muniesa (CSI, Ecole de Mines de Paris), Alex Preda (University of Edinburgh), Daniel Beunza (Universitat Pompeu Fabra) and Karin Knorr Cetina (University of Chicago) focused on the physical, technological, cultural and regulatory setting of financial innovation. Mike Power, Boris Holzer (Ludwig-Maximilians-University in Munich) and Yuval Millo (University of Essex) explored innovation in risk management, including unintended consequences, while Raghu Garud (New York University) and Daniel Beunza examined the role of securities analysts as frame-makers. Layna Mosley (University of North Carolina) and Iain Hardie (University of Edinburgh) broadened the discussion by looking at the interaction of financial markets, regulation, and political systems.

### **Risk and Regulation: Fourth Annual Research Student Conference**

CARR's fourth annual research student conference at the LSE's Bankside building on 15 and 16 September 2005 attracted participants from Australia, Canada, Denmark, France, Germany, the Netherlands, Norway, Poland, Turkey and the USA to join those from the UK. The conference now is established as a major international event, offering a unique global stage for post-graduate students to present work and discuss risk and regulation issues. Judging by the quality of the work presented, a new generation of researchers is set to make a major impact on academic debate in the expanding sphere of risk and regulation studies. Researchers delivered 47 papers, some of which offered a new slant on GM foods, transport safety, pesticides, BSE and corporate risk disclosure. Others offered new arenas for studying risk and regulation, ranging from Turkey's electricity network to Ugandan micro-finance institutions, from hospital management to mental health homicide inquiries and from vaccine scares to human tissue engineering. The conference included a plenary speech from Health and Safety Commission chair Bill Callaghan and CARR staff chaired panels, hosted masterclasses and assisted a panel for post-graduate researchers to discuss how to have research published.

### **Taking Stock of Trust**

This December 2005 one-day conference, held in association with the ESRC Social Contexts and Responses to Risk Network (SCARR) at Roseberry Hall in the LSE, analysed developments and the future direction of trust research at a time when trust in experts, public authorities and other institutions is questioned increasingly. Yet trust enables people to collaborate, negotiate and trade in uncertain conditions, so the demands placed on trust are growing in our complex and globalised economy, where people live more flexible and diverse lives. Speakers Included: Professor Lord Layard (LSE); Professor **Mike Power** (CARR, LSE); Professor Mike Calnan (University of Bristol); Professor Christopher Hood (University of Oxford); Professor Richard Eiser (University of Sheffield); Dr Matthew White (University of Jena); Professor Graham Loomes (University of East Anglia); Dr Rosemary Rowe (University of Bristol); Professor Jack Barbalet (University of Leicester); Professor Nigel Harvey (University College London); and Professor Peter Lunt (Brunel University).

### **Round table events**

**Julia Black** and **Bridget Hutter** established this programme of round table events on Risk Based Regulation in 2005. They devoted the first, in July, to the general meaning of risk based regulation in different regulatory settings. These events are offered only to senior tier regulators and are proving to be a popular addition to CARR's work on risk regulation.



## Capacity building and research environment

### **Academic Career Development:**

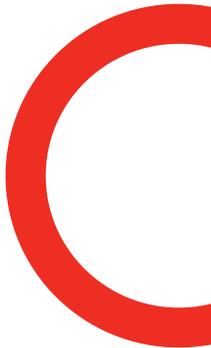
CARR's research environment embraces numerous staff at different academic career stages and the Centre has worked hard to attract young scholars into postdoctoral appointments. Leverhulme Special Research Fellow [Joan O'Mahony](#) worked at the Centre until July 2005 and [Will Jennings](#) joined in September 2004, securing a British Academy Postdoctoral Fellowship from October 2005. In addition to the academic training and mentoring they receive, staff are encouraged to help organize events, chair seminars, edit the *Risk&Regulation* magazine and review papers.

CARR staff help run the CARR Research Student Forum, supported by Deutsche Bank, that aims to contribute to the training of the next generation of academic researchers and practitioners in the multidisciplinary field of risk and regulation. This involves a seminar programme, participation in CARR events and access to support funds for their research and conference attendance.

CARR contributes to building an academic community in the UK and overseas at an Annual Research Student Conference on risk and regulation. The fourth conference, in September 2005, attracted 100 participants from 19 countries. The Centre also contributes generally to the broad risk and regulation research environment; the two staff who left during the report period moved to UK university positions, one in research and one in teaching.

### Hosting academic visitors

CARR hosted senior and junior visitors from both the UK and abroad, while national and international scholars passing through London for short periods of time often enjoyed full use of the Centre's facilities.



## Planning for the future – Public events planned for 2006:

CARR plans to undertake the following initiatives:

- Recruit extra staff in 2006 and launch a fundraising initiative to garner fellowship and projects funding.
- Expand the senior regulator roundtable programme.
- Host a major risk regulation conference with national and international coverage in March 2007.
- Hold an ESRC Social Science week Public Debate: Outbreak? Pandemic Risk and Risk Management in the 21st Century, a public debate by scientists, government or NGO officials, historians, social theorists and commentators.
- Offer a public lecture: Risk Regulation: BSE ... 10 Years On by Professor T H Pennington with response by Dame Deirdre Hutton, Chair of the Food Standards Agency.
- Run another annual research student conference.
- Build a workshop on Risk, Crisis and Blame Management in cooperation with the Leiden University Crisis Research Center and Swedish National Defense College.
- Continue a wide range of seminar programmes. See the website for details:  
[www.lse.ac.uk/collections/CARR/](http://www.lse.ac.uk/collections/CARR/)

## Appendices

# Appendix 1:

## Staff and Research Associates

### Section A: January – September 2005

#### Directors/Programme Directors

**Professor Bridget Hutter**, Co-Director (Peacock funding till May '05, then LSE)  
Peacock Professor of Risk Management

**Professor Michael Power**, Co-Director  
Programme Director: Organizations and Risk Management  
Professor of Accounting

**Professor Christopher Hood**, Programme Director  
Regulation of Government and Governance

**Dr Martin Lodge**, Deputy Programme Director  
Regulation of Government and Governance

#### Research Staff

**Dr William Jennings**  
ESRC/BP Postdoctoral Research Fellow (from September 2004)

**Dr Robert Kaye**  
ESRC Research Officer

**Clive Jones**  
Research Assistant

**Dr Javier Lezaun**  
ESRC Research Officer

**Dr Joan O'Mahony**  
Leverhulme Special Research Fellow (to July 2005)

**Dr Henry Rothstein**  
ESRC Research Fellow

**Professor Timothy Besley**  
Director of Suntory and Toyota International Centres for Economics and Related Disciplines (STICERD)

**Dr Julia Black**  
Law Department  
Reader in Law

**Professor Peter Miller**  
Accounting and Finance Department  
Professor of Management Accounting

**Colin Scott**  
Law Department  
Reader in Law

**Dr Mark Thatcher**  
Government Department  
Senior Lecturer in Public Administration and Public Policy

#### Research Associates at LSE

**Dr Michael Barzelay**  
Reader, Interdisciplinary Institute of Management

**Damian Chalmers**  
Reader, Law Department

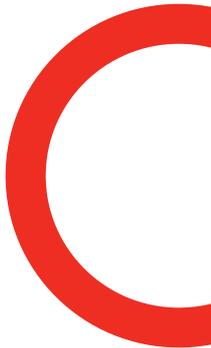
**Professor George Gaskell**  
Director, Methodology Institute

**Dr Andrew Gouldson**  
Lecturer in Environmental Policy, Department of Geography and Environment

**Dr Terence Gourvish**  
Director, Business History Unit

**Professor Carol Harlow**  
Emeritus Professor of Public Law

**Professor Edward Page**  
Sidney and Beatrice Webb Professor of Public Policy, Government Department



**Professor Larry Phillips**

Department of Operational Research

**Professor Judith Rees**

Professor of Environmental and Resource Management, Department of Geography and Environment

**Research Associates: External**

**Professor Steve Kelman**

Weatherhead Professor of Public Management, Harvard University

**Professor Donald MacKenzie**

Professor of Sociology, School of Social & Political Studies, University of Edinburgh

**Dr Michael Huber**

Aon Senior Research Fellow in Risk Management

**Professor Simon Deakin**

Robert Monks Professor of Corporate Governance, Judge Institute of Management Studies, University of Cambridge

**Professor Nick Pidgeon**

Director, Centre for Environmental Risk, University of East Anglia

**Professor Tony Prosser**

Professor of Public Law, Bristol University

**Lindsay Stirton**

Lecturer in Law, University of East Anglia

**Professor Peter Taylor-Gooby**

Professor of Social Policy, School of Social Policy, Sociology and Research, University of Kent

**Professor Brian Wynne**

Professor of Science Studies, Centre for Social Studies, University of Lancaster

**Support Staff**

**Sabrina Fernandez**

Events and Publications Administrator

**Stephanie Harris**

Events and Publications Administrator (August 2005 to May 2006 maternity cover for Sabrina Fernandez)

**Louise Newton-Clare**

Centre Manager, Finance, Research and Special Projects (to September 2005)

**Anna Pili**

Centre Manager, Administration, Events and Communications (to September 2005)

**Amy Eldon**

Administration and Events Officer (to March 2005)

**Section B: October to December 2005**

**Directors/Research Theme Directors**

**Professor Bridget Hutter**

Director

**Dr Martin Lodge**

Research Theme Director

**Professor Peter Miller**

Deputy Director and Research Theme Director

**Professor Michael Power**

Research Theme Director

**Research Staff**

**Dr William Jennings**

British Academy Postdoctoral Research Fellow

**Clive Jones**

Research Assistant

**Dr Robert Kaye**

ESRC Research Officer

**Dr Javier Lezaun**

ESRC Research Officer

**Dr Henry Rothstein**

ESRC Research Fellow

**Research Associates at LSE**

**Dr Michael Barzelay**

Reader, Interdisciplinary Institute of Management

**Professor Gwyn Bevan**

Professor of Management Science, Department of Operational Research

**Dr Julia Black**

Reader, Law Department

**Damian Chalmers**

Reader, Law Department

**Professor George Gaskell**

Institute of Social Psychology

**Professor Maitreesh Ghatak**

Professor of Economics, STICERD

**Sharon Gilad**

Tutorial Fellow In Public Policy and Administration, Government Department

**Dr Andrew Gouldson**

Lecturer in Environmental Policy, Geography and Environment

**Dr Terence Gourvish**

Director, Business History Unit

**Professor Carol Harlow**

Emeritus Professor of Public Law

**Dr Liisa Kurunmäki**

CIMA lecturer in Accounting, Accounting and Finance Department

**Dr Andrea Mennicken**

Lecturer in Accounting, Accounting and Finance Department

**Professor Edward Page**

Sidney and Beatrice Webb Professor of Public Policy, Government Department

**Professor Judith Rees**

Professor of Environmental and Resource Management, Department of Geography and Environment

**Dr Susan Scott**

Lecturer, Information Systems and Director, Moving Markets Project

**Dr Mark Thatcher**

Reader, Public Administration and Public Policy, Government Department

**Colin Scott**

Reader, Law Department

**Research Associates: External**

**Professor Simon Deakin**

Robert Monks Professor of Corporate Governance, Judge Institute of Management Studies, University of Cambridge

**Professor Richard Ericson**

Professor of Criminology, University of Toronto

**Professor Keith Hawkins**

Professor of Law and Society, University of Oxford

**Professor Christopher Hood**

Gladstone Professor of Government and Fellow of All Souls College, University of Oxford

**Dr Michael Huber**

Research Associate

**Professor Donald MacKenzie**

School of Sociology and Political Studies, University of Edinburgh

**Professor Nick Pidgeon**

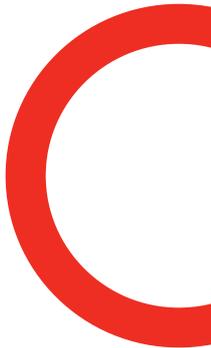
Director, Centre for Environmental Risk, University of East Anglia

**Professor Tony Prosser**

Professor of Public Law, Bristol University

**Dr Lindsay Stirton**

Lecturer in Law, University of East Anglia



**Support Staff**

**Sabrina Fernandez**

Events and Publications Administrator  
(maternity leave)

**Stephanie Harris**

Events and Publications Administrator  
(August 2005 to May 2006 maternity cover for  
Sabrina Fernandez)

**Phil Lomas**

Centre Administrator (from December 2005)



## Appendix 2:

### Research students

**Tola Amodu**

*The Planning Obligation and its Significance as a Form of Public Law Regulation*

**Alberto Asquer**

*Public Management and Policy Implementation: the case of the Italian water reform*

**Yasmine Chahed**

*The Regulation of strategic reporting in Britain and Germany*

**Ritanjan Das**

(from October 2005)  
*New Age Terrorism: A Comparative Analysis of the Range of Risks Modern Society Faces*

**Paolo Dasgupta**

*Independent Regulatory Agencies in Britain and France: Oftel and ART*

**Anneliese Dodds**

*A comparison between British & French state involvement in trade in higher education services*

**Monica Garcia-Quesada**

*Political Economy, Utilities Regulation, Natural Resource Regulation, European Environmental Policy, Privatisation*

**Sue Kerrison**

*The Regulation of Nursing Homes*

**Andrea Mennicken**

(to September 2005)  
*Reforming Auditing in Post-Soviet Russia*

**Anette Mikes**

(to September 2005)  
*Corporate Risk Reporting*

**Claire O'Brien**

(to September 2005)  
*Human rights governance: theoretical challenges, policy problems and practical solutions for human rights implementation in the private sector*

**Niki Panourgias**

(from October 2005)  
*Clearing and settlement of risk management in the financial markets*

**Rita Samiolo**

*Accounting in the Collective Management of Risk: the case of the defence of Venice from high waters*

**Yassine Santissi**

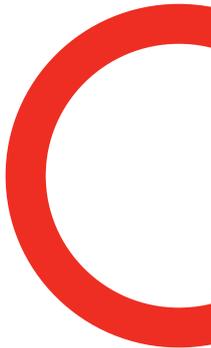
(from October 2005)  
*Regulation of data protection/privacy and capital of electronic material*

**Anne Katrin Schlag**

(to September 2005)  
*Risk perception and communication of GM foods*

**Umit Sonmez**

(from October 2005)  
*Independent Regulatory Agencies*



## Appendix 3:

### Policy Advisory Committee

The PAC is CARR's external governance structure. Its key responsibilities are:

- a** to advise the Co-Directors and Programme Directors on aspects of risk and regulation research, their financial implications, and potential sources of funding for such research;
- b** to assist the Co-Directors in cooperation with outside bodies in furthering the Centre's programme of research;
- c** to receive reports of research conducted within the Centre and an annual statement of the Centre's financial position;
- d** the Chair of the Committee is expected to raise with the Council at any time matters relating to the conduct of the award which may require action by the Council.

CARR is grateful to the members of its Policy Advisory Committee for their continuing support during 2005. Membership until September 2005 was as follows:

**Chair: Chris Swinson**

Former Senior Partner, BDO Stoy Hayward

**Professor Ron Amann**

Former Director General, Centre for Management and Policy Studies, The Cabinet Office

**Professor John Braithwaite**

Federation Fellow, Professor, Law Program and Chair, Regulatory Institutions Network, Research School of Social Sciences, Australian National University

**Professor Adrienne Heritier**

Chair of Public Policy, Department of Political and Social Sciences and the Robert Schuman Centre for Advanced Studies, European University Institute

**Professor Christopher Hood**

Programme Director: Regulation of Government and Governance, CARR  
Gladstone Professor of Government and Fellow of All Souls College, University of Oxford

**Professor Bridget Hutter**

CARR Co-Director, Peacock Professor of Risk Management

**Professor Robert Kagan**

Professor of Political Science and Law, Center for the Study of Law and Society, University of California

**Mavis Maclean, CBE**

Joint Director, Oxford Centre for Family Law and Policy (OXFLAP), University of Oxford

**Professor Michael Moran**

Department of Government, University of Manchester

**Professor Michael Power**

CARR Co-Director, Programme Director: Organizations and Risk Management, P D Leake Professor of Accounting

**Professor Tony Prosser**

Professor of Public Law, School of Law, University of Bristol

**Professor Catherine Waddams**

Director, ESRC Centre for Competition Policy; Professor of Regulation, University of East Anglia

## Appendix 4:

### Conferences, Workshops and Seminars

#### Conferences and Workshops

- **Governance and NGOs of the Future**

in association with The European Policy Forum and the European Economic and Social Committee; European Economic and Social Committee, Brussels; January 2005

- **The Regulation of Genetics Outside the State**

in association with the ESRC Centre for Genomics in Society (University of Exeter); University of Exeter; March 2005

- **Financial Innovation: markets, cultures and politics**

in association with the Social Studies of Finance Group (University of Edinburgh); LSE; June 2005

- **Risk and Regulation 2005: Fourth Annual Research Student Conference**

Bankside House, LSE; September 2005

- **Taking Stock of Trust**

in association with ESRC Social Contexts and Responses to Risk Network (SCARR); Rosebery Hall, LSE; December 2005

#### Seminars

- **Professor Simon Deakin**

University of Cambridge  
Corporate Governance, Labour Regulation and Legal Origin: a case of institutional complementarity?  
January 2005

- **Daniel Buenza**

Universidad Pompeu i Fabra, Barcelona  
Securities Analysts as Frame-Makers  
February 2005

- **Dr Arthur Daemrich**

Chemical Heritage Foundation  
Risk Transformation: a new era for chemicals regulation in the United States and Europe?  
February 2005

- **Dr Bettina Lange**

Jean-Monnet Fellow, European University Institute  
What is Law in the European Union? The Implementation of the European Union Directive on Integrated Pollution Prevention and Control  
March 2005

- **Professor Marie-Anne Frison-Roche**

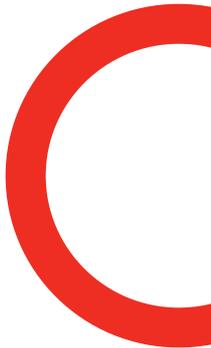
Sciences Po, Paris  
The Relationship Between European Financial Regulation and National Regulators  
March 2005

- **James Wilsdon**

Demos  
The Politics of Small Things: nanotechnology, risk and democracy?  
April 2005

- **Dr Diahanna Post**

Brookings Institution and the University of California, Berkeley  
Food Fights: who shapes international food safety standards and who uses them?  
May 2005



**Bronislaw Szerszynski**

Institute of Environmental and Public Policy,  
Lancaster University  
The Biopolitics of Technological Innovation:  
the case of GM agriculture in Europe  
May 2005

**Professor Errol Meidinger**

SUNY Buffalo Law School  
The New Transnational Public Law: the case of  
forest certification  
May 2005

**Philip Catney**

University of Sheffield  
Regulating Contaminated Land: policy,  
sustainability and risk  
June 2005

**Dr Shobita Parthasarathy**

University of California, Los Angeles  
A Technology to produce Risk and Disease:  
a comparative analysis of genetic testing for  
breast cancer  
June 2005

**Professor Jerry Ravetz**

James Martin Institute, University of Oxford  
Paradoxes of Safety  
October 2005

**Dr Christine Parker**

University of Melbourne  
Do Business Take Internal Compliance Programs  
Seriously? An Empirical Test – Preliminary Results  
October 2005

**Tom Winsor**

White & Case  
Railtrack's Demise – the Implications for  
Independent Regulation  
November 2005

**Johan M Sanne**

Assistant Professor, Linköping University, Sweden  
Freedom Without Responsibility? Occupational  
Communities and Safe Practice in Railway  
Maintenance  
November 2005

**Professor Rune Premfors**

Stockholm Centre for Organisational Research,  
Sweden  
The Limits of Loyalty? The Contested Relationship  
Between Civil Servants and Politicians  
December 2005

**Sheila Jasanoff**

Harvard University  
The Foresight Saga: lessons from the failures of  
risk representation  
December 2005

## Appendix 5:

### Key Performance Indicators

#### A Publication and Dissemination

##### A1 Books

**Total: 3**

Edited/ Authored	Author(s) Name	Title	Date	Publisher	Where
Authored translation	Power, M	La Societe de l'audit	2005	La Decouverte	Paris
Edited	Black, J Lodge and Thatcher, M	Regulatory Innovation: A Comparative Analysis	2005	Edward Elgar	Cheltenham
Edited	Hutter, B and Power, M	Organizational Encounters with Risk	2005	Cambridge University Press	Cambridge

##### A2 Chapters in Books

**Total: 20**

Chapter Author	Chapter title	Book title	Book author	Date	Publisher	Where
Black, J	Tomorrow's Worlds: Frameworks for Understanding Regulatory Innovation	Regulatory Innovation	Black, J, Lodge, M and Thatcher, M	2005	Edward Elgar	Cheltenham
Black, J	The Development of Risk Based Regulation in Financial Services: Just 'Modelling Through'?	Regulatory Innovation	Black, J, Lodge, M and Thatcher, M	2005	Edward Elgar	Cheltenham
Black, J	What is Regulatory Innovation?	Regulatory Innovation	Black, J, Lodge, M and Thatcher, M	2005	Edward Elgar	Cheltenham
Black, J and Lodge, M	Conclusions	Regulatory Innovation	Black, J, Lodge, M and Thatcher, M (eds)	2005	Edward Elgar	Cheltenham
Hood, C	The Idea of Joined-up Government: A Historical Perspective	Joined-up Government	Bogdanor, V (ed)	2005	British Academy/ Oxford University	Oxford
Hood, C	Public Management: The Word, the Movement, the Science	The Oxford Handbook of Public Management Management	Ferlie, E, Lynn, LE and Pollitt, C	2005	Oxford University Press	Oxford
Hood, C and Lodge, M	Pavlovian Innovation, Pet Solutions and Economizing on Rationality? Politicians and Dangerous Dogs	Regulatory Innovation	Black, J, Lodge, M and Thatcher, M	2005	Edward Elgar	Cheltenham
Hutter, B	'Ways of Seeing': Understandings of Risk in Organizational Settings	Organizational Encounters with Risk	Hutter, B and Power, M	2005	Cambridge University Press	Cambridge
Hutter, B and Power, M	Organizational Encounters with Risk: An Introduction	Organizational Encounters with Risk	Hutter, B and Power, M	2005	Cambridge University Press	Cambridge

<b>Chapter Author</b>	<b>Chapter title</b>	<b>Book title</b>	<b>Book author</b>	<b>Date</b>	<b>Publisher</b>	<b>Where</b>
Kaye, R	Reluctant Innovators: Regulating Conflict of Interest within Washington and Westminster	Regulatory Innovation	Black, J, Lodge, M and Thatcher, M	2005	Edward Elgar	Cheltenham
Lodge, M	Back to the Future? Regulatory Innovation and the Railways in Britain and Germany	Regulatory Innovation	Black, J, Lodge, M and Thatcher, M	2005	Edward Elgar	Cheltenham
Mennicken, A	Accounting, sociology of Economic Sociology	International Encyclopaedia	Beckert, J and Zafirovski, M	2005	Routledge	London and New York
Miller, P	Kalkulierende Subjekte	Okonomie der Subjektivitat – Subjektivitat der Okonomie	Drinkuth, A et al	2005	Edition Sigma	Frankfurt
Miller, P and O'Leary, T	Capital Budgeting, Coordination and Strategy	Controlling Strategy	Chapman, C	2005	Oxford University Press	Oxford
Power, M	The Theory of the Audit Explosion Management	The Oxford Handbook of Public Management	Ferlie, E, Lynn, LE and Pollitt, C (eds)	2005	Oxford University Press	Oxford
Power, M	Organizational Responses to Risk: The Rise of the Chief Risk Officer	Organizational Encounters with Risk	Hutter, B and Power, M	2005	Cambridge University Press	Cambridge
Scott, C	Between the Old and the New: Innovation in the Regulation of Internet Gambling	Regulatory Innovation	Black, J, Lodge, M and Thatcher, M	2005	Edward Elgar	Cheltenham
Scott, C	Agencies for European Governance: A Regimes Approach	Regulation through Agencies: A New Paradigm for EC Governance	Geradin, D, Munoz, R and Petit, N	2005	Edward Elgar	Cheltenham
Thatcher, M	Independent Regulatory Agencies and Elected Politicians in Europe	Regulation through agencies in the EU	Geradin, D, Munoz, R and Petit, N (eds)	2005	Edward Elgar	Cheltenham
Thatcher, M	Sale of the century: 3G mobile licences in Europe	Regulatory Innovation	Black, J, Lodge, M and Thatcher, M (eds)	2005	Edward Elgar	Cheltenham

**A3 Articles in Refereed Journal Papers****Total: 15**

<b>Author(s)</b>	<b>Article title</b>	<b>Journal</b>	<b>Vol</b>	<b>Date</b>	<b>Pages</b>
Alvarez-Rosete A, Bevan G, Mays N, Mays N, Dixon J	Diverging Policy Across the UK NHS: What is the Impact?	British Medical Journal	331	October 2005	946-50
Besley, T and Ghatak, M	Competition and Incentives with Motivated Agents	American Economic Review	95	Jun-2005	
Black, J	The Emergence of the Risk Based Regulation and the New Public Management in the UK	Public Law	3	2005	512-548
Coen, D and Thatcher, M	The New Governance of Markets and Non-Majoritarian Regulators	Governance	18 (3)	Summer 2005	329-46
Hood, C and Lodge, M	Aesop with Variations: Civil Service Competency as a Case of German Tortoise and British Hare	Public Administration	83 (4)	2005	805-22
Kaye, R	OfGov? A Commissioner for Government	Parliamentary Affairs	58 (1)	Jan-2005	171-188
Lodge, M	The Importance of Appearing Modern: National States and International Regulatory Review Processes	Journal of European Public Policy	12 (4)	Aug-2005	649-667
Lodge, M and Hood, C	Symposium Introduction: Competency and Higher Civil Service	Public Administration	83 (4)	Dec-2005	779-788
Lodge, M and Wegrich, K	Governing Multi-Level Governance: Comparing Domain Dynamics in German Land-Local Relationships and Prisons	Public Administration	83 (2)	Jun-2005	417-442
Lodge, M and Wegrich, K	Control over Government: Institutional Isomorphism and Governance Dynamics in German Public Administration	Policy Studies Journal	33 (2)	May-2005	213-233
Miller, P and O'Leary, T	Managing Operational Flexibility in Investment Decisions: the Case of Intel	Journal of Applied Corporate Finance	17	2005	18-24
Page, E, Hood, C and Lodge, M	Competency: A Passing Fad?	Public Administration	83 (4)	Dec-2005	853-860
Power, M	The Invention of Operational Risk	Review of the International Political Economy	12 (4)	2005	577-599
Rothstein, H	Escaping the Regulatory Net: Why Regulatory Reform can fail consumers	Law and Policy	27	2005	520-548
Thatcher, M	The third force? Independent Regulatory Agencies and Elected Politicians in Europe	Governance	18 (3)	Summer 2005	347-74

**A4 Discussion Papers****Total: 2**

Author	Title	Date	Number	Series
Hutter, B	The attractions of risk based regulation	Mar-05	33	CARR Discussion Paper Series
Lezaun, J and Millo, Y	Regulatory Experiments: GM Crops and Financial Markets on Trial	Feb-2005	30	CARR Discussion Paper Series

**A5 Other Publications (Working Papers, Monographs, Pamphlets)****Total: 4**

Author	Title	Series	Date
Boin, A, Rhinard, M, Lezaun, J	Shocks Without Frontiers. Transnational Breakdowns and Critical Incidents: What Role for the EU?	European Policy Center Issue Paper, No 42	November 2005
Castillo, J et al; Afterword by Hutter, B	Governance and NGOs of the Future	European Policy Forum Paper	June 2005
Lodge, M	Comparing New Modes of Governance In Action: the Open Method of Co-ordination in Pensions and Information Society	ESRC Seminar Series 'mplementing the Lisbon strategy'	June 2005
O'Mahony, J	Trust in Organizations: Religious Elites and Democracy in the Post-Communist Czech Republic	Civil Society Working Paper Series	2005

**B External Relationships****B1 Visitors****Total: 5**

Name	Title and Affiliation	Visited
Ana Fernandez Laviada	Student, Universidad de Cantabria, Spain	14 March – 30 September 2005
Jan Popma	Senior Researcher, Hugo Sinzheimer Instituut, Amsterdam	13-15 December 2005
Professor Rune Premfors	Stockholm Centre for Organisational Research (SCORE), Sweden	24 October – 15 December 2005
Fabio La Rosa	Student, University of Palermo	17 January – 17 June 2005
Nick Sitter	BI School of Management, Oslo, Norway	21-25 November 2005

**B.2 Events Organised by CARR****Conferences, workshops and lectures****Total: 6**

Title	Venue	Date
<b>Governance and NGOs of the Future</b> in association with The European Policy Forum and the European Economic and Social Committee	European Economic and Social Committee, Brussels	12 January 2005
<b>The Regulation of Genetics Outside the State</b> Joint Workshop with the ESRC Centre for Genomics in Society (University of Exeter)	University of Exeter	10-11 March 2005
<b>Financial Innovation: markets, cultures and politics</b> in association with the Social Studies of Finance Group (University of Edinburgh)	LSE	16-17 June 2005
<b>Risk Based Regulation Roundtable Discussion</b>	LSE	29 June 2005
<b>Risk and Regulation 2005</b> Fourth Annual Research Student Conference	Bankside House, LSE	15-16 September 2005
<b>Taking Stock of Trust</b> in association with ESRC Social Contexts and Responses to Risk Network (SCARR)	Rosebery Hall, LSE	12 December 2005

<b>Seminars</b>		<b>Total: 17</b>
<b>Title</b>	<b>Speaker</b>	<b>Date</b>
Corporate Governance, Labour Regulation and Legal Origin: a case of institutional complementarity?	Professor Simon Deakin, University of Cambridge	18 January 2005
Securities Analysts as Frame-Makers	Daniel Buenza, Universidad Pompeu i Fabra, Barcelona	1 February 2005
Risk Transformation: a new era for chemicals regulation in the United States and Europe?	Dr Arthur Daemrlich, Chemical Heritage Foundation	15 February 2005
What is Law in the European Union? The Implementation of the European Union Directive on Integrated Pollution Prevention and Control	Dr Bettina Lange, Jean-Monnet Fellow, European University Institute	1 March 2005
The Relationship Between European Financial Regulation and National Regulators	Professor Marie-Anne Frison-Roche Sciences Po, Paris	15 March 2005
The Politics of Small Things: nanotechnology, risk and democracy?	James Wilsdon, Demos	26 April 2005
Food Fights: who shapes international food safety standards and who uses them?	Dr Diahanna PostBrookings Institution and the University of California, Berkeley	3 May 2005
The New Transnational Public Law: the case of forest certification	Professor Errol Meidinger, SUNY Buffalo Law School	31 May 2005
The New Transnational Public Law: the case of forest certification	Professor Errol Meidinger, SUNY Buffalo Law School	31 May 2005
Regulating Contaminated Land: policy, sustainability and risk	Philip Catney, University of Sheffield	7 June 2005
A Technology to produce Risk and Disease: a comparative analysis of genetic testing for breast cancer	Dr Shobita Parthasarathy, University of California, Los Angeles	21 June 2005
Paradoxes of Safety Institute, University of Oxford	Professor Jerry Ravetz, James Martin	11 October 2005
Do Business Take Internal Compliance Programs Seriously? An Empirical Test – Preliminary Results	Dr Christine Parker, University of Melbourne	25 October 2005
Railtrack's Demise – the Implications for Independent Regulation	Tom Winsor, White and Case	8 November 2005
Freedom Without Responsibility? Occupational Communities and Safe Practice in Railway Maintenance	Johan M Sanne, Assistant Professor, Linkoping University, Sweden	22 November 2005
The Limits of Loyalty? The Contested Relationship Between Civil Servants and Politicians	Professor Rune Premfors, Stockholm Centre for Organisational Research, Sweden	6 December 2005
The Foresight Saga: Lessons from the Failures of Risk Representation	Sheila Jasanoff, Harvard University	13 December 2005

## Appendix 6:

### Statement of Expenditure for the 12 Months ended 31 December 2005

Funding source	Jan '05 to Dec '05 £000's	Expenditure	Jan '05 to Dec '05 £000's
Economic and Social Research Council (ESRC)	504	Staff Costs	535
Deutsche Bank / British Academy / PWC	31	Travel & Subsistence	16
Peacock Foundation / BP / Leverhulme Trust	99	Other Research Costs	76
		Equipment	6
		Consumables	1
<b>Grand Total</b>	<b>634</b>	<b>Grand Total</b>	<b>634</b>

Notes to the CARR Statement of Expenditure for 12 months ending 31 December 2005:

1. The statement of expenditure has been prepared on a cash payments and receipts basis.
2. The ESRC reporting period for research centres is for the year ending 31 December. The ESRC financial and budgetary year end is 31 March.
3. In the opinion of the Directors, the statement of expenditure is not materially misstated. The statement is not independently audited at the CARR research centre level.

## Sponsors:



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**The Leverhulme Trust**

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