



Hosted by Professor Jane Rendell of the Bartlett Faculty of the Built Environment, UCL
9.30 – 18.30, Monday 29 and Tuesday 30 June 2015

Pearson Lecture Theatre (North East Entrance), Pearson Building, UCL, Gower St, London WC1E 6BT

Practising Ethics in Built Environment Research

This transdisciplinary symposium will explore the role ethics plays in built environment research, and consider ways of working between principle and procedure, intersecting with questions of justice, politics and morality.

Through talks and roundtables held over two days, speakers, discussants and chairs will tackle topics such as big data, fossil fuel, housing and regeneration, and address issues concerning professional responsibility, confidentiality, consent, risk and vulnerability.

Sessions:

Why Ethics Now?

Engaging with the Fossil Fuel Industry: Risks and Responsibilities

What is the Architect's Ethical Role Today?

Ethics and Freedom of Information

Data, Privacy and Politics

Opportunities and Vulnerabilities in Participatory Research and Teaching in Housing and Planning

Practising Ethical Research in the Urban Global South

Speakers are academics, anthropologists, architects, artists, community activists, designers, engineers, scientists, planners, philosophers, public intellectuals, urbanists and writers:

Adriana Allen, Martin Zaltz Austwick, Elena Bessusi, Sarah Butler, Andrew Barry, Ben Campkin, Howard Caygill, Claire Colomb, Murray Fraser, Chris Garrard, Charlotte Johnson, Richard Lee (Just Space), Jan Kattein, Melissa Kinnear, Adrian Lahoud, Nathan Lea, Caren Levy, Stephen Loo, Christophe McGlade, Yeoryia Manolopoulou, Saladin Meckled-Garcia, Anna Galkina (Platform), Susan Michie, Paul Morrell, Hayley Newman, Alan Penn, David Price, Emma Uprichard, Doina Petrescu, Peg Rawes, Nick Ray, Andrea Rigon, David Roberts, Jeremy Till, Jonathan Porritt, Yara Shariff, Michelle Shipworth, Jack Stilgoe, Michael Walls, Julian Walker.

Monday 29th June

9.00 – 9.30 Coffee

9.30 – 10.30

Introductions

Chair Jane Rendell (Bartlett School of Architecture, UCL)

Speakers

Jane Rendell (Bartlett School of Architecture, UCL)

Practising Ethics: From the Manifest to the Latent

David Roberts (Bartlett School of Architecture, UCL)

Key issues arising from the ethics in built environment research textual analysis draft report

Charlotte Johnson (Institute for Sustainable Resources, UCL)

Multiple Perspectives on the Ethics of Built Environment Research at the Bartlett

Michelle Shipworth (The Bartlett School of Environment, Energy and Resources, UCL)

UCL Review of Research Ethics Processes and Structures

Alan Penn (Dearden of the Bartlett Faculty of the Built Environment, UCL)

Responsibilities Amongst Built Environment Professionals

10.30 – 11.00 Coffee

11.00 – 13.00

Why Ethics Now?

Chair Jane Rendell (Bartlett School of Architecture, UCL)

Discussant Peg Rawes (Bartlett School of Architecture, UCL)

Speakers

Andrew Barry (Geography, UCL)

Ethics, Politics and Corporate Responsibility

Saladin Meckled-Garcia (UCL Political Science)

The Ethics of a University and Academic Freedom

Doina Petrescu (University of Sheffield)

Ethical Paradoxes in Co-production Practices

Paul Morrell OBE (Chair: Edge Commission of Inquiry on Future Professionalism)

'Doing the right thing': a personal, corporate and/or institutional obligation?

13.00 – 14.00 Lunch

Monday 29th June

14.00 – 15.30

Engaging with the Fossil Fuel Industry – Risks and Responsibilities

Chair Julian Walker (The Bartlett DPU – Development Planning Unit, UCL)

Speakers

Chris McGlade (Institute for Sustainable Resources, UCL)

Burning fossil fuels: when, where and how much to stay within 2°C?

Jonathon Porritt

'Excellence' in the Built Environment

David Price (Vice Provost Research, UCL)

Ethics, Engagement and Research

15.30 – 16.00 Tea

16.00 – 18.00

Roundtable: What is the Architect's Ethical Role Today?

Chair Murray Fraser (Bartlett School of Architecture, UCL)

Speakers

Nick Ray (University of Cambridge and NRAP Architects)

What is a Fitting Philosophical Position for an Architect to Hold?

Jeremy Till (Head of Central Saint Martins education, and Pro Vice-Chancellor, University of the Arts London)

The Invisible Ethic

Yara Sharif (University of Westminster and NG Architects)

Ethics: A fractured skin

Adrian Lahoud (Bartlett School of Architecture, UCL)

The Architecture of Rights

Yeoryia Manolopoulou (Bartlett School of Architecture, UCL and AY Architects)

A localised form of architectural practice: proactive, self-initiated, anticipatory...

Jan Kattein (Bartlett School of Architecture, UCL and Jan Kattein Architects)

Building the Community

18.00 – 20.00 Drinks

Tuesday 30th June

9.00 – 9.30 Coffee

9.30 – 11.00

Ethics and Freedom of Information

Chair Hayley Newman (Slade, UCL)

Speakers

Chris Garrard

Making a Freedom of Information Request and how FOI can be used as primary research

Hayley Newman (Slade, UCL)

Communication and Social Change: The work of Liberate Tate and the role of art in communicating important information to wider audiences

Howard Caygill (Kingston University London)

An Analysis of the Tate Ethics Policy

Anna Galkina (Platform)

Freedom of Information and Public Interest: Sponsorship, social license to operate and the carbon web; an account of the recent Information Tribunal between Platform and Tate

11.00 – 11.30 Coffee

11.30 – 13.00

Data, Privacy and Politics

Chair Martin Zaltz Austwick (CASA, UCL)

Speakers

Emma Uprichard, (University of Warwick)

Spatial Category Making: The big bad ethics of big data urban policy

Nathan Lea (Institute of Health Informatics, UCL)

The Ethics of Big Data in Health – Protecting Privacy, Upholding the Duty of Confidentiality and Supporting Care

Jack Stilgoe (Science and Technology Studies, UCL)

Responsible Innovation

13.00 – 14.00 Lunch

14.00 – 16.00

Roundtable: Opportunities and Vulnerabilities in Participatory Research and Teaching in Housing and Planning

Chair Claire Colomb (Bartlett School of Planning, UCL)

Speakers

Caren Levy (The Bartlett DPU – Development Planning Unit, UCL)

Negotiating the Co-production of Knowledge: Experiences of Working with Urban Communities in Bangkok and Dar es Salaam

Tuesday 30th June

Charlotte Johnson (Institute for Sustainable Resources, UCL)

The UCL Engineering Exchange

Ben Campkin (Bartlett School of Architecture, UCL)

Urban Laboratories and Built Environment Research Ethics

Sarah Butler (independent writer/urban words)

The ethics of telling others' stories

Richard Lee (Just Space)

Engaged Research with Grass Roots Communities: and the Ethics of Solidarity and Co-production

Elena Bessusi (Bartlett School of Planning, UCL)

Ethical challenges in developing a plural and non-neutral teaching and learning environment in planning studies

16.00 – 16.30 Tea

16.30 – 18.00

Practising Ethical Research in the Urban Global South

Chair Michael Walls (The Bartlett DPU – Development Planning Unit, UCL)

Speakers

Adrian Allen (The Bartlett DPU – Development Planning Unit, UCL)

Practising ethics in urban research through co-learning platforms

Melissa Kinnear

Action-research workshops: moving beyond extractive practice

Andrea Rigon (The Bartlett DPU – Development Planning Unit, UCL)

Researching local conflict: is co-production always possible?

18.00 – 18.30

Final Reflections and Discussion

Chair Jane Rendell (Bartlett School of Architecture, UCL)

Susan Michie (Director of the Centre for Behaviour Change, UCL)

Stephen Loo (Director of the Creative Exchange Institute (Cxi) and the Academy of Creative Industries and Performing Arts, University of Tasmania)

Alan Penn (Dean of the Bartlett Faculty of the Built Environment, UCL)

18.30 – 20.00 Drinks

Introductions

Jane Rendell (Bartlett School of Architecture, UCL)

Practising Ethics: From the Manifest to the Latent

The rise of ethical concerns in current institutional culture is manifest at the level of procedural change, but these presenting symptoms need to be understood in terms of cause. I suggest one such cause is the privatisation of the public sector, which has implications for built environment research both in the university and the professions, demanding us to reflect upon who we are – individually and socially – and what matters to us. Drawing on a concept of ethics, taken from Judith Butler, as a practice of self-reflection and social recognition (Butler: 2005), and Michel Foucault, as an act of care for the self and the other (Foucault: 1984), this conference proposes itself as a 'scene of address', a site for 'providing a sustaining condition for ethical deliberation, judgment and conduct' (Butler: 2005).

David Roberts (Bartlett School of Architecture, UCL)

Key issues arising from the ethics in built environment research textual analysis draft report

This report collated and interpreted UCL papers, policies, procedures, governance structures and related resources on research ethics, integrity, funding and sponsorship, that are available online, and contextualised them through a wider literature review. This talk will identify some key issues.

Charlotte Johnson (Institute for Sustainable Resources, UCL)

Multiple Perspectives on the Ethics of Built Environment Research at the Bartlett

This talk presents the results of qualitative research carried out with academics from across the Bartlett. The interviews have raised a range of interpretations and concerns over the ethics of Built Environment research. Themes will be drawn out and opened up for discussion and reflection.

Michelle Shipworth (The Bartlett School of Environment, Energy and Resources, UCL)

UCL Review of Research Ethics Processes and Structures

The review working group makes recommendations to the UCL Research Governance Council in mid-2015. This talk will give a brief update on the key issues arising from the progress of the review.

Alan Penn (Deputy Director of the Bartlett Faculty of the Built Environment, UCL)

Responsibilities Amongst Built Environment Professionals

Much of the discourse surrounding research ethics comes from life science research involving human or animal subjects. This gives rise to principles such 'informed consent'. Here I argue that the built environment raises its

own and different ethical concerns, and that these require a fresh look at both principles and practice. In particular, the design of the built environment has effects not only on individuals, but also on collective communities and organisations; not only on immediate clients for design, but on the public at large and future generations. This raises specific responsibilities amongst built environment professionals that are different to those in medical practice.

Why Ethics Now?

In 2014 Cornell University set up an ethics hotline, using regulatory compliance software provided by US-based corporation EthicsPoint, Inc to provide 'a simple, anonymous way to confidentially report activities that may involve certain improper conduct or violations of Cornell University's Policies'. This is but one indication of the way in which ethics has risen up the agenda; we see this in universities as well as the built environment profession in the form of new ethical codes, policies and procedures, as well as the establishment of think tanks and commissions for defining ethics and debating ethical practice. How to make sense of this situation? Why has ethics surfaced as a key issue for our times, and what are the implications for researchers in the built environment? Four speakers drawn from inside and outside higher education and the built environment will put forward their positions, followed by a short response, and then discussion.

Chair

Jane Rendell (Bartlett School of Architecture, UCL)

Discussant

Peg Rawes (Bartlett School of Architecture, UCL)

Speakers

Andrew Barry (Geography, UCL)

Ethics, Politics and Corporate Responsibility

Saladin Meckled-Garcia (UCL Political Science)

The Ethics of a University and Academic Freedom

Doina Petrescu (University of Sheffield)

Ethical Paradoxes in Co-production Practices

With *atelier architecture autogérée* we have run for 15 years a practice involving the co-production of urban and architectural projects with inhabitants of different metropolitan neighbourhoods. In most of these projects we started as initiators, then became mediators, advisers and friendly observers. We have co-designed, co-built and co-managed these projects supporting in time the emergence of what we call a self-managed architecture – *architecture autogérée*. This architecture continues to evolve with the group of users that little by little become stakeholders of the project. What are the challenges of such a practice? What can be wrong when you try to do 'good'? What are the ethical dilemmas that can never be solved? Are there different ethics for different participants in the process of co-production? What other complications are brought to the table when one 'co-produces' for an uncertain future? To address these questions, in addition to invoking my own experience with *atelier architecture autogérée*, I will try to remember what I have learned from my feminist teachers and friends over the years. Notions of 'politics of care, ethics of commons, gift (of time)' will be hopefully useful in this attempt

Paul Morrell OBE (Chair: Edge Commission of Inquiry on Future Professionalism)

'Doing the right thing': a personal, corporate and/or institutional obligation?

Engaging with the Fossil Fuel Industry – Risks and Responsibilities

The continued dominance of fossil fuels as a source of power, as well as raw materials for the industrial production of goods which permeate our everyday lives, throws up a moral and strategic conundrum for those concerned with the severe environmental and social impacts of the fossil fuels industry. On the one hand our current, almost universal, reliance on fossil fuels, and the growing resource needs of an ever-increasing global population, suggests the need for a strategy of incremental change away from fossil fuel dependence, perhaps best fostered by advocacy, collaboration, and shared knowledge production with the hydrocarbon industry. On the other hand, the experience of such engagement to date has frequently been characterised by co-optation and window dressing, with limited impact on the core business, and scale of production, of the fossil fuels industry.

Chair

Julian Walker (The Bartlett DPU – Development Planning Unit, UCL)

Speakers

Chris McGlade (Institute for Sustainable Resources, UCL)

Burning fossil fuels: when, where and how much to stay within 2°C?

The scientific and policy-maker communities agree that the average global temperature rise caused by greenhouse gas emissions should not exceed 2 °C if we want to avoid an unmanageable climate scenario. This means that global fossil fuel reserves are three times higher than the amount that can be safely burned by 2050. This presentation will give an overview of our recent study on ‘unburnable carbon’, published in the scientific journal *Nature* in January 2015.

Jonathon Porritt

‘Excellence’ in the Built Environment

People working in the Built Environment love to aspire to ‘excellence’. But what does that mean in the face of accelerating climate change? And does ‘excellence’ mean anything at all without an ethical grounding?”

David Price (Vice Provost Research, UCL)

Ethics, Engagement and Research

Roundtable

What is the Architect's Ethical Role Today?

On 4 March 2015 *Building Design* reported that: 'Stirling Prize-winning architect Steve Tompkins has urged architects to walk off projects they consider to be unethical. The profession must speak up and use its collective voice to insist on sustainable design, said the Haworth Tompkins founder on the opening day of the Ecobuild conference in London.' 'We have to work more ethically,' he said. 'We are in a position to negotiate or withhold our labour if we think a project is being driven in the wrong direction... There is an element of protest in being an architect.'" Following the presentation of six different positions on this issue, this panel will discuss the challenges of the architect's ethical role today from the perspective of their own practice in the profession and education.

Chair

Murray Fraser (Bartlett School of Architecture, UCL)

Speakers

Nick Ray (University of Cambridge and NRAP Architects)

What is a Fitting Philosophical Position for an Architect to Hold?

I shall suggest that behind the work of well-known architects lie differing positions, frequently unacknowledged, that students should interrogate: ethical issues therefore lie within a larger philosophical framework.

Jeremy Till (Head of Central Saint Martins education, and Pro Vice-Chancellor, University of the Arts London)

The Invisible Ethic

'The Invisible Ethic' argues simply that ethics in architecture need to be shifted from an alliance with aesthetics and professional codes to an attention to the other. This entails a reconsideration of what values should be privileged in spatial production.

Yara Sharif (University of Westminster and NG Architects)

Ethics: A fractured skin

I will be sharing my experience of working on live projects in Palestine where the subject of ethics while working in an occupied territory unfolds different dilemmas and question marks. The 10-minute presentation will shed the light on different moments where the architect, the NGO, the municipality and the community are torn between culture, identity, politics and the urgency to survive.

Adrian Lahoud (Bartlett School of Architecture, UCL)

The Architecture of Rights

I will explore the way architecture can be deployed within cases of human and natural rights with case studies on environmental violence in the Sahel and Palestine.

Yeoryia Manolopoulou (Bartlett School of Architecture, UCL and AY Architects)

A localised form of architectural practice: proactive, self-initiated and anticipatory ...

I will focus my presentation on a localised form of architectural practice that proactively creates self-initiated and anticipatory projects while it is also concerned with the cultural and material identity of the works it produces. I will propose that in the production of architecture and the city aesthetics and social responsibility should constructively interplay rather than cancel each other.

Jan Kattein (Bartlett School of Architecture, UCL and Jan Kattein Architects)

Building the Community

The role of the architect has once again changed fundamentally during the last decade. Technological progress and environmental changes have introduced a whole new set of parameters into architectural practice. And there is a definite sense of accountability. Resources are scarce. Climate change is a reality. Our work must consider today as well as tomorrow. Design has evolved from the endeavour of the lone genius into a tool for engagement and dialogue, empowering communities all over to contribute towards the shaping of their city. Yet, architectural education in the UK rewards individual excellence. Architectural practice relies on collaboration and team-work to succeed. This year Jan Kattein & Julia King's undergraduate design unit at the Bartlett have embarked on a novel project: Students are designing and making 12 structures for a real client, are working to a real brief and on a real site in King's Cross. The unit is responding directly to the needs of the local community. Radical sustainability is on the top of the agenda and a teaching programme like no other is taking shape. We were given planning by Camden in January and the structures (a rammed earth greenhouse, greywater recycling scape, earthbag coolstore, hydroponic hedge and others) and things are nearing completion on site. Jan will speak about UG3's project, architect's accountability and the latent potential that architectural practice has to engage and empower communities.

Ethics and Freedom of Information

This session will look at issues around security and confidentiality in the gaining of primary data with respect to the ethics of research. Information needed to pursue research is not always available in the public domain and Freedom of Information (FOI) requests are one way to gain access to records held by public institutions.

Using Tate and the Science Museum as case-studies in the call to re-draw ethical lines of sponsorship and divest our culture from fossil fuel, participants in this session will consider a range of recent FOI requests made to Tate and the Science Museum.

The session will look at FOI appeals that revealed attempts by Shell to influence the presentation of a climate change programme they were sponsoring at the Science Museum (June 2015); reflect on the Tate ethics policy and consider the Information Tribunal (November 2014) at which Tate was ordered to disclose information, asked for in a number of Freedom of Information Requests, about its sponsor BP.

Tate cited the release of information would encourage more protests, which would be a risk to health; while campaigners argued that the lack of transparency over the amount of sponsorship money the gallery received was silencing important public discussion. In January 2015 Tate revealed the amount of money it had received from its sponsor between 1990 and 2006 alongside redacted ethics committee deliberations over its relationship with BP. While the email exchanges between the Science Museum and Shell raise serious questions about conflict of interest and whether it is appropriate for a company like Shell to fund a gallery on the subject of Climate Change.

The panel will explore the role of research in activism and social change; how ethical challenges such as FOI can be used to reveal important data and raise social consciousness around some of the most important social and ecological issues of our time.

Chair

Hayley Newman (Slade, UCL)

Speakers

Chris Garrard

Making a Freedom of Information request and how FOI can be used as primary research

Chris will talk about recent FOI requests made to the Science Museum and the influence of their revelation on current debates around ethics and sponsorship.

Hayley Newman (Slade, UCL)

Communication and Social Change: The work of Liberate Tate and the role of art in communicating important information to wider audiences

Howard Caygill (Kingston University London)

An Analysis of the Tate Ethics Policy

Anna Galkina (Platform)

Freedom of Information and Public Interest: Sponsorship, social license to operate and the carbon web; an account of the recent Information Tribunal between Platform and Tate

Data, Privacy and Politics

Academics from the fields of sociology, STS and medical data will lead this discussion session on the ethics of data in society, looking at where its potential benefits conflict with real concerns around privacy, surveillance, and asymmetries in data openness.

Chair

Martin Zaltz Austwick (CASA, UCL)

Speakers

Emma Uprichard, (University of Warwick)

Spatial Category Making: The big bad ethics of big data urban policy

This presentation will question the ethics involved in big spatial data mining. More specifically, it will problematize the category-making processes of people and places that result from big data urban analytics and interrogate the ethics of using big data to drive urban decision-making.

Nathan Lea (Institute of Health Informatics, UCL)

The Ethics of Big Data in Health – Protecting Privacy, Upholding the Duty of Confidentiality and Supporting Care

'Whatever I see or hear in the lives of my patients, whether in connection with my professional practice or not, which ought not to be spoken of outside, I will keep secret, as considering all such things to be private' – from the Hippocratic Oath. This talk introduces key ethical dilemmas and priorities for the Information Age and Big Data in relation to healthcare. It focuses on fostering understanding around supporting care provision and empowering patients to manage their care in partnership with their medical professionals.

Jack Stilgoe (Science and Technology Studies, UCL)

Responsible Innovation

Roundtable

Opportunities and Vulnerabilities in Participatory Research and Teaching in Housing and Planning

This session will look at issues around vulnerability, and the way that situations of differential power influence the ethics of research.

Chair

Claire Colomb (Bartlett School of Planning, UCL)

Roundtable

Speakers

Caren Levy (The Bartlett DPU – Development Planning Unit, UCL)

Negotiating the Co-production of Knowledge: Experiences of Working with Urban Communities in Bangkok and Dar es Salaam

Charlotte Johnson (Institute for Sustainable Resources, UCL)

The UCL Engineering Exchange

Ben Campkin (Bartlett School of Architecture, UCL)

Urban Laboratories and Built Environment Research Ethics

The capacity to think and practice ethically in built environment research is enhanced through dialogue and cooperation across different higher educational institutions. Different cities and institutions present distinct ethical challenges, as well as commonalities resulting from global processes, meaning that educators are pressured to negotiate approaches that are at once situated, comparative, mobile and adaptable. This presentation will reflect on an academic-led EU Erasmus Mundus-supported network across eight laboratories in four continents. The network, Urban Lab+, explores how each lab engages with questions of urban inclusion and exclusion through interdisciplinary, intercultural and practice-oriented approaches. The presentation will reflect on some of the key findings, tensions and potentials that have emerged through discussions and collaborations to date.

Sarah Butler (independent writer/urban words)

The ethics of telling others' stories

I will discuss a range of projects which have involved collecting and telling individuals' stories in areas of urban change and regeneration, highlighting the ethical aspects of the exchange between writer, participant and commissioner.

Richard Lee (Just Space)

Engaged Research with Grass Roots Communities: and the Ethics of Solidarity and Co-production

Elena Bessusi (Bartlett School of Planning, UCL)

Ethical challenges in developing a plural and non-neutral teaching and learning environment in planning studies

Practising Ethical Research in the Urban Global South

While the ethical principles of research in the Built Environment remain consistent in a variety of situations, the practicalities associated with undertaking research into development-related issues in the Global South present specific dilemmas, debates and possibilities. This panel will explore some of these issues, including the implications of high levels of illiteracy, differing cultural circumstances and perceptions of research in the context of the need to secure genuinely informed consent while exercising social and ethical responsibility. The session will include panellists and video presentations from a variety of speakers to encourage discussion on pertinent issues.

Chair

Michael Walls (The Bartlett DPU – Development Planning Unit, UCL)

Speakers

Adrian Allen (The Bartlett DPU – Development Planning Unit, UCL)

Practising ethics in urban research through co-learning platforms

Melissa Kinnear

Action-research workshops: moving beyond extractive practice

Andrea Rigon (The Bartlett DPU – Development Planning Unit, UCL)

Researching local conflict: is co-production always possible?

This presentation will address ethical tensions related to doing research with vulnerable groups, including reflection on our role as academics who feed into policy discourses amongst dominant and self-interested northern nations and profit-seeking multinational corporations.

18.00 – 18.30

Final Reflections and Discussion

Chair

Jane Rendell (Bartlett School of Architecture, UCL)

Speakers

Susan Michie (Director of the Centre for Behaviour Change, UCL)

Stephen Loo (Director of the Creative Exchange Institute (Cxi) and the Academy of Creative Industries and Performing Arts, University of Tasmania)

Alan Penn (Dean of the Bartlett Faculty of the Built Environment, UCL)

Biographies

Originally trained as an urban planner in Argentina, **Adriana Allen** specialises in the fields of urban environmental planning and political ecology. She has over 25 years international experience in research and consultancy in almost 20 countries in Latin America, Africa and Asia. Both as an academic and practitioner, her work focuses on the interface between development and environmental concerns in the urban context of the global south, and more specifically on fostering transformative links between environmental justice and urban sustainability and resilience.

Martin Zaltz Austwick is a Lecturer in data visualization and programming at the Bartlett Centre for Advanced Spatial Analysis (CASA) at UCL, with an interest in cities and networks, having previously studied Quantum Physics and worked as a Medical Laser Physicist. Public engagement is central to his work through data and model visualisation, blogging, podcasting, public talks, video, music and a dedication to supporting and training others.

Andrew Barry is Chair of Human Geography and Vice-Dean Interdisciplinarity in the Faculty of Social and Historical Sciences at UCL. His most recent book, *Material Politics: Disputes along the Pipeline* (Blackwell-Wiley, 2013), focuses on the politics of transparency and corporate social responsibility in the oil industry. He is currently interested in the politics and practice of geoscientific research.

Elena Besussi is a Teaching Fellow in Plan Making and a PhD candidate in Planning Studies at the Bartlett School of Planning, UCL. She has a background in urban planning and public policy and gained her degree at the IUAV University of Venice. She joined UCL in 2002 as a research fellow at the Centre for Advanced Spatial Analysis. From 2005 to 2007 she was planning policy advisor to community organizations at the Willowbrook Urban Studies Centre in London. Since 2007 she has been a teaching assistant and now teaching fellow at the Bartlett School of Planning. She has produced academic and professional research on strategic planning and community engagement in regeneration for national organisations (BURA, RICS) and international institutions (EU Commission). Her research interests cover: the contested role of planning in market society; the space and practices of politics and democratic decision making in urban policies; the definition of "public benefit" in urban regeneration; progressive vs mainstream community planning.

Sarah Butler explores the relationship between writing and place through prose, poetry and participatory projects. Recent writing residencies include writer-in-residence on the Central line; at Great Ormond Street Hospital; and *Tideline* – a public art project linked to a major regeneration project in Belvedere, East London. She has two novels published by Picador: *Ten Things I've Learnt About Love* and *Before The Fire*. www.urbanwords.org.uk | www.sarahbutler.org.uk

Dr. Ben Campkin is an urban and architectural historian. He is the author of *Remaking London: Decline and Regeneration in Urban Culture* (IB Tauris, 2013) and co-editor of *Dirt: New Geographies of Cleanliness and Contamination* (IB Tauris, 2007/2012), *Engaged Urbanism: Cities Methodologies* (IB Tauris, forthcoming, 2015), and the series *Urban Pamphleteer* (2013-). He is Senior Lecturer in Architectural History and Theory at the Bartlett School of Architecture, University College London, and has been Director of UCL's cross-disciplinary Urban Laboratory, established in 2004, since 2011.

Howard Caygill is Professor of Modern European Philosophy at Kingston University London. He has published extensively in the field of philosophy and aesthetics including most recently *On Resistance: A Philosophy of Defiance* (2013) and (forthcoming) *Kafka: In the Light of the Accident* (2015) and *Staging Disorder* (2015).

Biographies

Dr. Claire Colomb is Reader in Urban Sociology and European Spatial Planning at University College London (the Bartlett School of Planning). She has a dual background as a sociologist and urban planner, and her research interests cover urban governance, policies and politics in European cities; the contested politics of urban regeneration; urban social movements; and European (comparative) planning. Over the past two years she has been involved as a volunteer with community groups in Tottenham who have mobilized around the planning and urban regeneration issues affecting them.

Murray Fraser is Professor of Architecture and Global Culture at the Bartlett School of Architecture, University College London, as well as Vice-Dean of Research for the Bartlett Faculty of the Built Environment. He has published extensively on design, architectural history & theory, urbanism, post-colonialism and cultural studies. His book on *Architecture and the 'Special Relationship'* (Routledge) won the 2008 President's Award for Outstanding University-Located Research from the Royal Institute of British Architects, and the 2008 Bruno Zevi Prize from the International Committee of Architectural Critics. In 2013 he edited two books with Ashgate on *Architecture and Globalisation in the Persian Gulf Region* and *Design Research in Architecture*, with the latter now selected as one of Ashgate's 'Most Significant Titles'. Previously he co-created the online Archigram Archival Project, shortlisted for the 2010 RIBA President's Research Awards. He chairs the RIBA's Research and Innovation Group.

Anna Galkina is a researcher who works for Platform London, a social and ecological justice organisation that combines art, activism, education and research in unique ways; specifically focusing on the social, economic and environmental impacts of the global oil industry. Anna is currently working on Platform's *Carbon Web* project, mapping out the network of relationships between oil and gas companies and the government departments, regulators, cultural institutions, banks and other organisations that surround them.

Chris Garrard is a composer whose pieces range from experimental operas to minimalist installations, and from intimate chamber pieces to graphic scores in watercolour paints. He studied music at the University of Durham, and has a doctorate in composition from the University of Oxford. Chris is a committed environmental campaigner and is an active member of the Art Not Oil coalition. He has written several articles and blogs on the issue of ethical cultural sponsorship and has been involved in various forms of creative campaigning since attending the UN Climate Conference in 2011.

Charlotte Johnson is a research associate at UCL Institute for Sustainable Resources. She is a social researcher who studies low carbon cities, focusing on infrastructure, energy, and material culture. Her background is anthropology and she uses ethnography to understand ways technical systems are made functional and meaningful within their socio-cultural contexts. Charlotte is fascinated by the kinds of value that are produced through urban infrastructure and is actively exploring the methods that can be used to better understand the social relations that are created through technical systems. Charlotte is interested in cross-disciplinary working, and has worked on a number of projects that bring together different disciplinary perspectives on the built environment. Last year she held a public engagement fellowship to look at community participation in urban energy, and she is currently examining the ethics of built environment research in a project drawing on architecture, urban planning, building physics and related disciplines.

Dr. Jan Kattein BSc DipArch MArch PhD is a lecturer, researcher and designer who lives and works in London. He founded award-winning practice Jan Kattein Architects in 2004. Jan understands architecture as an interdependent process, which emerges from the collaborative

Biographies

exchange between designers, makers and users. Shaping this dialogue is an integral part of the practice's work. Many of JKA's projects are in the public domain. Embracing architecture as a process – rather than a product – opens the profession to communities, giving them a stake in the shaping of their environment. Several of JKA's recent projects have raised the bar of what can be achieved through stakeholder engagement and are helping to shape public policy on inner city regeneration. Sustainability is a major concern. The practice rejects the notion of a fixed design-life-expectancy common in contemporary construction. Timeless architecture has the ability to take account of its fluctuant context, accommodating cultural, political, economic and environmental changes and the cyclical nature of day-time and night-time activities.

Melissa Kinnear studied architecture in Johannesburg and completed a Masters in Development and Emergency Practice at Oxford Brookes University. She has worked in a variety of architectural offices in both South Africa and the UK, mostly focusing on housing projects with a strong commitment to sustainable design. In 2004, she co-founded Architecture Sans Frontières- UK (ASF-UK) where she currently holds the position of Associate. She has been tutoring at Oxford Brookes University in a design studio for undergraduates which focuses on issues including: democracy and space; resilience; globalising culture and identity; and post traumatic urbanism, since 2006. She is deeply committed to social and economic sustainability especially when applied to the built environment.

Adrian Lahoud is an architect, researcher and educator. Currently he is a Reader in Architecture and directs the MArch Urban Design at The Bartlett, University College London. Adrian also acts as a Studio Master at the Projective Cities MPhil in Architecture and Urban Design at the Architectural Association, London. Before joining the Centre for Research Architecture, Goldsmiths in 2011 as acting Director and researcher on the Forensic Architecture, ERC project, he ran an award-winning architectural practice in Sydney, Australia and directed the Masters in Urban Design at University Technology Sydney. His practice and research focus on the way architecture can reimagine its urban agency within an increasingly challenging global context. His doctoral dissertation titled 'The City, the Territory, the Planetary' explores the way architectural practice structures design problems through scale, and how these techniques might be used to better understand complexity. He has written extensively on questions of spatial politics and urban conflict with a focus on the Arab world and Africa. In 2010 he guest edited a special issue of Architectural Design titled 'Post-traumatic Urbanism'. More recently, his work has been published in *Forensis: The Architecture of Public Truth*, *The Journal of Architecture*, *Architecture and the Paradox of Dissidence*, *New Geographies*, and *Performing Trauma*. He exhibits and lectures internationally, most recently at Columbia University GSAPP, Harvard Graduate School of Design, Tate Britain, Max Planck Institute for the History of Science, Berlin, and Storefront for Art and Architecture, New York.

Dr. Nathan Lea is a Senior Research Associate at the Institute of Health Informatics, UCL. His research interests include the role of information systems in supporting healthcare delivery and empowering patients, and Information Governance in the use of distributed computing for managing healthcare data. He teaches on the Information Law and Governance In Clinical Practice and eHealth modules of CHIME's Health Informatics MSc and courses in UCL's MBBS. Nathan has worked on several UK and European research projects that have developed large data sets to support clinical research and trials, including the development of Information Governance frameworks to guide safe and ethical working practice for researchers when handling healthcare records for research.

Biographies

Richard Lee coordinates Just Space, a network of community groups that came together in 2007 to challenge London's planning policy. Just Space provides opportunities for students and academics to support the research needs of community groups through course modules, dissertations, research programmes and volunteering.

Caren Levy is a Senior Lecturer at The Bartlett DPU, UCL. An urban development planner with over 30 years' experience of teaching, research, training and consultancy, she works on planning, community-led development and governance, with a focus on transport, housing and land management, primarily in urban areas in Africa, Asia, Latin America and the Middle East. She has a special interest in the institutionalization of social justice in policy and planning, particularly related to the crosscutting issues of gender, diversity and the environment. Committed to an engagement with international development practice, she has developed innovative approaches to planning methodology, planning education and capacity building. She is currently Vice Dean International for the Bartlett Faculty.

Stephen Loo is Professor of Architecture and Director of the Creative Exchange Institute (Cxi) and the Academy of Creative Industries and Performing Arts at the University of Tasmania, Australia. He has published widely on ethics in relation to contemporary biophilosophy, posthumanism and experimental digital thinking. His recent publications include *Deleuze and Architecture* with Dr. Hélène Frichot; an edited volume on *Poetic Biopolitics* with Peg Rawes and Tim Matthews and a forthcoming monograph *Instincts, Ethics and the Entomological Imagination* with Dr. Undine Sellbach. Stephen is Founding Partner of award winning architecture and interpretation practice Malloway Studio, whose work was exhibited at the 2014 Venice International Architecture Biennale. He is Chair of the National Education Committee of the Australia Institute of Architects, and the President of the Australian Deans of the Built Environment and Design (ADBED).

Yeoryia Manolopoulou is an architect, educator and researcher. She is founder and partner of AY architects and Director of Research at the Bartlett School of Architecture, UCL. Her research is design-led and intimately engages with place, materials, people and craft. In 2013 AY Architects were mid-listed for the Stirling Prize, awarded a RIBA National Award and won the Stephen Lawrence Prize for Montpellier Community Nursery. Yeoryia is series editor of the online publication *Bartlett Design Research Folios* and author of *Architectures of Chance* (Ashgate, 2013).

Christophe McGlade is an energy systems modeller with extensive experience in using and developing energy models. He completed his PhD at the UCL Energy Institute in 2013, which aimed to characterise quantitatively the uncertainties that have most influence on long-term projections of oil and gas production. Following his PhD, Christophe joined the Institute for Sustainable Resources as a Research Associate and is currently lead researcher for the Resources and Vectors theme of the UK Energy Research Centre (UKERC). His research now focuses primarily on modelling the use of hydrocarbons in the future global energy system in the transition to a low-CO2 and sustainable world. Prior to joining UCL, Christophe gained a BA and MSci from Queens' College at the University of Cambridge in Theoretical and Experimental Physics.

Dr. Saladin Meckled-Garcia is a director of the UCL Institute for Human Rights and a lecturer in human rights and political theory. He works on human rights ethics and legal interpretation.

Biographies

Susan Michie, BA, MPhil, DPhil, CPsychol, AcSS, FEHPsS, FBPsS is Professor of Health Psychology, Director of the Centre for Behaviour Change at University College London, and Co-Director of the National Centre for Smoking Cessation and Training.

She studied Experimental Psychology at Oxford University, obtaining a BA in 1976, and a DPhil in Developmental Psychology in 1982. She studied Clinical Psychology at the Institute of Psychiatry, London University, obtaining an MPhil in 1978. She is a chartered clinical and health psychologist, and elected Fellow of the Academy of Social Sciences, the European Health Psychology Society (EHPS) and the British Psychological Society (BPS). She is Past President of the EHPS and Past Chair of the BPS's Division of Health Psychology. She is an NIHR Senior Investigator and part of NIHR's School for Public Health Research. Current editorial responsibilities include Associate Editor of *Annals of Behavioral Medicine* and of *Implementation Science*.

Now practising as an independent consultant, **Paul Morrell** is a chartered quantity surveyor and was formerly senior partner of Davis Langdon (now part of Aecom), where he had worked since graduation until retiring in 2007. He was subsequently appointed as the Government Chief Construction Adviser with a brief to champion a more coordinated approach to affordable, sustainable construction. He is a Visiting Professor at Nottingham Trent University; and has recently chaired a commission for multi-disciplinary group the Edge into the future of the built environment professions. He served as a Commissioner on CABE from 2000 to 2008; and was awarded an OBE for services to architecture and the built environment in the 2009 New Year Honours list.

In Government, Paul chaired the Government Construction Board, responsible for the development of a new cross-Government construction strategy, targeting a reduction of 20% in the cost of public sector construction without loss of value. He also served on the Board of the Cabinet Office Major Projects Authority; and led the BIS Innovation and Growth Team study into low carbon construction.

Hayley Newman is an artist with a passion for humour, fiction, ecology and activism. Her commitment to working collectively around the current ecological crisis forged 'The Gluts' (Gina Birch, Hayley Newman and Kaffe Matthews) who took their musical *Café Carbon* to the Copenhagen Climate Summit in 2009. She is a member of the art-collective 'Liberate Tate' whose performances have focused on urging Tate to drop its oil-sponsor BP. Her novella *Common* (2013) was written as self-appointed artist-in-residence in the City of London. She is coordinator of the practice-led PhD program at the Slade School of Fine Art, UCL.

Alan Penn is Professor of Architectural and Urban Computing and Dean of The Bartlett. He was Chair of the Architecture, Built Environment and Planning sub-panel 16 and a member of Main-panel C for the Research Excellence Framework 2014. His research focuses on understanding the way that the design of the built environment affects the patterns of social and economic behaviour of organisations and communities. How is it that architecture and urban design matter for those that inhabit them? How is it that the spatial design of cities and neighbourhoods leads to the generation of cultural and community identity? Under what architectural conditions do vital and thriving creative communities or organisations occur, and under what conditions does crime and urban malaise or organisational stagnation develop?

Doina Petrescu is Professor of Architecture and Design Activism at the School of Architecture, University of Sheffield and Visiting Professor in Urban Design at Harvard Graduate School of Design. Her research focuses on three main strands: gender, resilience and participation in architecture, all with a strong international dimension. She is also co-founder with Constantin Petcou of *atelier d'architecture autogeree* (aaa), an award winner collective practice conducting research-actions in Paris, which engage citizen in processes of reclaiming and resiliently

Biographies

transforming the city. Her edited publications include: *The Social (Re) Production of Architecture* (Routledge, 2015), *Trans-Local-Act: Cultural practices within and across* (aaa-peprav, 2010), *Agency: Working with Uncertain Architectures* (Routledge, 2009), *Altering Practices: Feminist Politics & Poetics of Space* (Routledge, 2007), *Urban Act: handbook for alternative practice* (aaa-peprav, 2007), *Architecture and Participation* (Spon Press, 2005).

Jonathon Porritt is an eminent writer, broadcaster and commentator on sustainable development. He is Co-Founder and Trustee of Forum for the Future, the UK's leading sustainable development charity, with more than 100 partner organisations globally. Among other appointments, he is a Trustee of the Ashden Awards for Sustainable Energy, Director of Collectively (an online platform celebrating sustainable innovation), Chancellor of Keele University, President of The Conservation Volunteers, and Non-Executive Director of Willmott Dixon Holdings. Previous roles include Director of Friends of the Earth, Co-Chair of the Green Party, Chairman of UNED-UK, Trustee of WWF UK, Member of the Board of the South West Regional Development Agency, and Chairman of the UK Sustainable Development Commission – spending nine years providing high-level advice to Government Ministers. In 2000 Jonathon received a CBE for services to environmental protection. His latest book, *The World We Made*, was published in October 2013.

David Price is Professor of Mineral Physics and Vice Provost of Research at UCL. David has an undergraduate degree and a PhD from the University of Cambridge. He was a Fulbright-Hayes Scholar and Research Associate at the University of Chicago and a Research Fellow at Clare College Cambridge, before coming to UCL in 1983 as a Royal Society University Research Fellow.

He was one of the first to establish the now major field of computational mineral physics, and has published more than 240 research papers. He was awarded the Schlumberger Medal of the Mineralogical Society of Great Britain in 1999, the Murchison Medal of the Geological Society of London in 2002 and in 2006 he was awarded the Louis Néel Medal of the European Geosciences Union for 'establishing the importance of computational mineral physics in Earth sciences and for outstanding contributions to the physics of the Earth's core'.

David is a Member of the Academia Europaea and an Elected Fellow of the American Geophysical Union and of the Mineralogical Society of America. He has been an editor of Elsevier's *Earth and Planetary Science Letters*, was President of the Mineralogical Society of Great Britain and Ireland and was a Trustee of the Royal Institution. He was a member of the UK's HEFCE RAE2008 sub-panel on Earth and Environmental Sciences, and chair of the REF2014 sub-panel in this area.

He is Chair of Governors of the UCL Academy School, Camden, and a Member of the Science & Technology Facilities Council.

Dr. Peg Rawes is a historian and theorist, and Programme Director of the MA in Architectural History at the Bartlett School of Architecture, UCL. Her research is currently focused on inequality, wellbeing and the current UK housing crisis (AHRC-funded), developing from recent publications, *Poetic Biopolitics: Practices of Relation in Architecture and the Arts* (co-ed., 2015 forthcoming) and *Relational Architectural Ecologies: Architecture, Nature and Subjectivity* (ed., 2013). These collaborations with colleagues from philosophy, medicine, law, political science, anthropology and the arts propose political and material forms of architectural sustainability.

Nicholas Ray is Reader Emeritus in Architecture at the University of Cambridge, Emeritus Fellow of Jesus College, Cambridge, and Visiting Professor in Architectural Theory at the University of Liverpool. He is the author of numerous articles in professional journals, and four books to date: *Cambridge Architecture*, a *Concise Guide*, published

Biographies

by Cambridge University Press; *(Re)Sursele Formei Arhitecturale* (Rumanian); a study, for Yale University Press, of the Finnish architect *Alvar Aalto*; a collection of essays published by Routledge entitled *Architecture and its Ethical Dilemmas*; and an introductory book for students, with Christian Illies, *Philosophy of Architecture* (Cambridge Architectural Press). Forthcoming this year, with Francisco Gonzalez de Canales, with Yale University Press, is *Rafael Moneo: Building, Teaching, Writing*. He is also a practising architect, and director of NRAP architects in Cambridge. Much of the practice's work has been for tertiary education, and in the context of listed buildings.

Jane Rendell is an academic and writer, architectural historian/theorist and art critic who has developed concepts of 'critical spatial practice' (2002/6) and 'site-writing' (2007/10) through such authored books as *Transitional Spaces: The Architecture of Psychoanalysis* (forthcoming 2016), *Site-Writing* (2010), *Art and Architecture* (2006), and *The Pursuit of Pleasure* (2002) and co-edited collections like *Pattern* (2007), *Critical Architecture* (2007), *Spatial Imagination* (2005), *The Unknown City* (2001), *Intersections* (2000), *Gender, Space, Architecture* (1999) and *Strangely Familiar* (1995). Recent texts have been commissioned by artists Jasmina Cibic, Apolonija Susteric and transparadiso, and cultural institutions FRAC Centre, Orléans, and Hamburger Bahnhof, Berlin. She is on the editorial board for *ARQ* (Architectural Research Quarterly), *Architectural Theory Review*, *The Happy Hypocrite*, *The Journal of Visual Culture in Britain*, *Ultima Thule* and *Zetisis*. She was a member of the AHRC Peer Review College (2004–2008), the inaugural chair of the RIBA President's Awards for Research (2005–2007), Director of Architectural Research (2004–2010) and Vice Dean of Research for the Bartlett (2010–2013). She is Professor of Architecture and Art at the Bartlett, UCL. www.janerendell.co.uk

Andrea Rigon is a Lecturer at the DPU. He has a background in development studies and research, consultancy and project management in several countries. His research analyses how social and political conflicts among different actors shape the implementation of development interventions in informal settlements. He was highly involved in multi-country participatory research bringing local perspectives into post-2015 policy-making. His last research looked at the well-being and citizenship of urban Nigerians. He teaches two postgraduate modules: Social Diversity, Inequality and Poverty and NGOs and Social Transformation.

David Roberts is a doctoral student in Architectural Design at The Bartlett School of Architecture, UCL, a course tutor in MSc Urban Studies, UCL, part of collaborative art practice Fugitive Images and part of architecture collective Involve. He uses poetry and performance to explore the relation between people and place. He has exhibited, lectured and published work related to public housing, architecture, critical methodologies and site-specific practice.

Yara Sharif is a practising architect and academic with an interest in design as a means to facilitate and empower 'forgotten' communities, while also interrogating the relationship between politics and architecture. Combining research with design her work runs parallel between the architecture practice NG Architects, London and the design studio at the school of architecture, Oxford Brookes University. She has co-founded Palestine Regeneration Team (PART); a design-led research group that aims to search for creative and responsive spatial practices in Palestine. Their design projects have won the 2013 Agha Khan Award and the 2014 Holcim Award for Sustainable Construction. Her PhD by design has been granted the 2013 commendation award – RIBA's President Award for Research for Outstanding PhD Thesis. Her on-going research by design entitled *Architecture of Resistance: Searching for spaces of possibilities under the Palestinian/Israeli Conflict* is to be published in 2015 by Ashgate under Design Research in Architecture series.

Biographies

Michelle Shipworth is a Lecturer in Energy & Social Sciences in the UCL Energy Institute; she researches and teaches the human dimensions of home energy use and teaches research methods and design. Michelle is the Director of Ethics for the Bartlett School of Environment, Energy and Resources and represents the Bartlett Faculty on the UCL review of research ethics processes and structures.

Dr. Jack Stilgoe is Lecturer in Science and Technology Studies at UCL, where he teaches courses on science policy and emerging technologies. His research interests are in responsible science and innovation. Before rejoining UCL, he worked at the Royal Society and at Demos, the public policy think tank. His most recent book is *Experiment Earth: Responsible Innovation in Geoengineering*.

Jeremy Till is an architect, educator and writer. He is Head of Central Saint Martins education, and Pro Vice-Chancellor, University of the Arts London. His extensive written work includes the books *Flexible Housing*, *Architecture Depends* and *Spatial Agency*, all three of which won the RIBA President's Award for Research. His teaching and research concentrates on the social and political aspects of architecture and spatial production. As an architect, he worked with Sarah Wigglesworth Architects on their pioneering building, 9 Stock Orchard Street. He curated the UK Pavilion at the 2006 Venice Architecture Biennale and also at the 2013 Shenzhen Biennale of Architecture and Urbanism.

Emma Uprichard is Associate Professor and Deputy Director at the Centre for Interdisciplinary Methodologies, and Co-Director of the Warwick Q-Step Centre. Her research revolves around the methodological challenge of applying complexity theory to study social systems for policy and planning purposes. She has particular interests in studying cities as complex systems, food over the lifecourse, childhood, and the importance of time and temporality in understanding social change and continuity.

Julian Walker is a Lecturer at the Bartlett Development Planning Unit, where he co-directs the MSc in Social Development Practice. He is a social development practitioner with a background in anthropology, and has undertaken consultancy, training, and research in the fields of social and gender impact assessment, public consultation, gender policy and planning, involuntary resettlement, and anti-poverty policies. His work has included social assessment and appraisal on international oil and gas projects in Russia and North Africa.

Michael Walls is a Senior Lecturer and Course Director for the MSc programme in Development Administration and Planning at the Development Planning Unit (DPU). His research and teaching focuses on the roles of states and markets in promoting or undermining broad and equitable participation in development processes. He is currently leading an ESRC-funded research project that seeks to develop a gendered understanding of political participation in Somaliland and, amongst other activities, has coordinated international election observation missions there in 2005, 2010 and 2012. Michael has written extensively about Somaliland, Puntland and Somalia, and also currently works in Ethiopia.

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Flyover Farm, Mumbai Photograph: Yeoryia Manolopolou, AY Architects

