



Institute of Advanced Study
Annual Report
2017

WARWICK
INSTITUTE OF ADVANCED STUDY

10TH ANNIVERSARY
2007 - 2017





Warwick Institute of Advanced Study:
fostering collaboration across disciplines
and subject areas since 2007

Welcome

Over the past ten years the IAS has become a major point of reference in the academic life of our University. The Institute is well known around the world thanks to its Visiting Fellow Programme and its distinctive commitment to Early Career Support and Training.

Like many other colleagues, I have greatly benefitted from the resources, but also dedication and help provided by the IAS. The Institute therefore plays a key role in the strategy of a world-leading academic institution such as Warwick.

As the University enters its second half-a-century of life and embraces new challenges, the IAS will continue to represent Warwick's ethos, its openness, its international outlook and its commitment to interdisciplinary research.

These are all points well captured by the University's new Marie Skłodowska Curie Actions COFUND Scheme, headed by the IAS in partnership with the Warwick Global Research Priorities (GRPs). The scheme will bring to Warwick 30 new postdoctoral researchers from around the globe who will enrich both the IAS and the University as a whole.

Professor Stuart Croft
Vice-Chancellor,
University of Warwick







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Welcome from the Director of the Institute of Advanced Study



This year's Annual Report is a celebration of the 10th Anniversary of the Warwick Institute of Advanced Study. We have asked the four academics that have succeeded each other as Directors to reflect on their time at the IAS.

This report provides a list of the International Visiting Fellows who over the years have come to Warwick and the many academics at Warwick with whom the IAS has worked. We are grateful to the hundreds of people who, in the course of the past ten years, have worked with us. My thanks also go to the administrative personnel who have allowed the IAS to grow and prosper in the past decade. Thanks to you all.

This Annual Report can showcase only a small selection of the activities carried out at the Institute. Longer pieces in this report provide a sense of what the IAS 'experience' is about. They are written by IAS fellows, Warwick academics and visiting scholars and reflect on the ways in which their research has been shaped by the IAS. A particular mention should be given to the many public engagement and impact activities that the Institute has supported over the ten years of its existence.

As we look ahead, in a climate of uncertainty for British universities, the IAS wishes to remain as active as ever. We take pride in our international outlook, our many collaborations with academics and institutions in the EU and in all continents.

Thanks to the Marie Skłodowska Curie Actions COFUND Scheme, the IAS in partnership with the Warwick Global Research Priorities (GRPs) is launching this year the "Warwick Interdisciplinary Research Leaders Programme" (WIRL). This is a major new initiative to train 30 new research leaders who will undertake independent research at Warwick to develop their skills and establish academic careers.

Professor Giorgio Riello
Director, Institute of Advanced Study



10th Anniversary

2017 marks the tenth anniversary of the foundation of the Warwick Institute of Advanced Study.

In its first decade, the Institute has hosted international visitors, supported academics and early career researchers, and funded projects; it has become one of the major institutes of advanced study in the world.





Professor Margot Finn
Director 2007-2009

Professor Margot Finn was the founding Director of the Institute, alongside acting as Head of Department in History (2006-2009). After her tenure as Director of the Institute, Margot was Pro-Vice Chancellor for Access, Development & Widening Participation (2011-12). Since 2012 she has been Chair in Modern British History at University College London.

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In bringing the Institute to life in 2007, I was given a broad remit to build an institution capable of stretching across the University's faculties and disciplines and to help make Warwick a go-to destination for international researchers. What model of institute to choose? I was keen to develop a model that would benefit researchers at Warwick at least as much as it benefitted research visitors brought to Warwick. This inclination also reflected what I thought then—and continue to think now—was one of the distinctive strengths of Warwick as a university: its ability and willingness to build new initiatives organically from the grassroots upward.

In keeping with those guiding principles, the initial tranche of programming was designed to ensure that the bulk of the Institute budget directly benefitted Warwick research agendas. The Visiting Fellows came for up to a month each (rather than for a term or full year) and

were asked to contribute to the research environment both by making a public presentation and by engaging directly with Warwick-based Early Career Researchers. The relatively short duration of the visits allowed us to stretch the budget further, as did the requirement that all Visiting Fellows be nominated by staff from at least 2 different Warwick academic departments.

To me the programme that was the best investment of our resources was the Early Career Fellowship programme, designed to give finishing-up Warwick PhD students an interstitial appointment, bridging the end of their degree and the start of their postdoctoral careers. The scheme consistently attracted far more highly qualified applicants than we could fund, and from the start enjoyed real success in terms of helping to forge successful postdoctoral careers, with selected candidates going on to postdocs and permanent employment in the UK, continental Europe and North America.

The other key decisions that shaped the Institute were architectural, involving built environments. The acquisition of Cryfield Grange to house Visiting Fellows was initially something of a mixed blessing (there was no budget for its renovation or upkeep). But it proved immensely popular with Visiting Fellows. At the Institute itself in Millburn House, the effect of providing a free, bookable seminar room should not be underestimated as a mechanism for encouraging research networks and interdisciplinary dialogue. (I recall with horror the original architectural plans for the room, which located it in a part of the Institute suite that would have given it a total of two windows). Excellent space—both academic and residential—is integral to excellent research and, as the Institute grows and develops, its built environments will need to be given new attention.



Professor Hilary Marland
Director 2009-2011

Professor Hilary Marland served as the Institute's director from 2009 to 2011. Currently Hilary is a Principal Investigator on a Wellcome Trust Senior Investigator Award (2014-19), 'Prisoners, Medical Care and Entitlement to Health in England and Ireland, 1850-2000'. Her research interests lie particularly with the impact of prisons on mental wellbeing and the health of women prisoners. Prior to her directorship of the Institute Professor Marland was Director of the Centre for the History of Medicine, a role that she has held for a second time since 2015.

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Taking over from Margot Finn was a tough act to follow, but I relished the idea of working with the model that she had established, enabling Warwick academics across all disciplines to benefit from the IAS funding programmes. The principle of sharing resources and allowing scholars to define and develop their research agendas - rather than taking a top-downward thematic approach - was working well. Thus, I continued to work with the various schemes that Margot had established. The Incubation Awards, small grants to kick start interdisciplinary research collaborations across the campus, continued to generate robust levels of activity and funding successes, and we welcomed over twenty International Visiting Fellows each year from around the globe.

However, I also was keen to develop new ventures. One of the gaps we identified

was the absence at Warwick of a funding programme for postdoctoral fellowships, and so we launched the first, initially two-year, postdoctoral fellowship scheme at Warwick, appointing three fellows. Working with these postdoctoral fellows and the larger cohort of Early Career Fellows, meeting in fortnightly skills sessions, hearing them present their work to each other and supporting the organisation of their own events, was an enriching and enjoyable experience for all in the IAS. The early career fellowships continued to launch scholars, who had just completed their PhDs, into longer-term postdoctoral fellowships and their first academic posts.'

Other new schemes followed: Impact Awards, to facilitate the development of public outreach and impact projects; European Network Funding to encourage interactions with European partners and to pump prime funding bids; and Speculative Lunches, intended to bring Warwick staff, postdocs and

postgraduates into contact with each other to discuss, debate and potentially develop specific themes. The number of networks attached to the IAS expanded, to include the Oral History Network and the, now, sadly defunct, Drinking Studies Network.

Margot said to me as I took over the IAS directorship, this really is the best administrative job in the University, and she was right. Highlights included the two-day Warwick in Africa Showcase event in 2010 and launching the Hippocrates Prize for Poetry and Medicine with colleagues in English and the Warwick Medical School. Working with excellent support staff, managing a generous budget with huge flexibility, meeting a range of prestigious and interesting International Visiting Fellows, participating in numerous events, and most of all working with the early career scholars, made my time at the IAS a career highlight. I wish it well in the coming decade!



Professor Richard Aldrich
Director 2011-2014

Richard J. Aldrich served as Director of the Institute from 2011 to 2014. He is currently Professor of International Security at the University of Warwick and joined the department of Politics & International Security in 2007. His main research interests lie in the area of intelligence and security communities. His most recent book, *The Black Door: Spies, Secret Intelligence and British Prime Ministers*, co-authored with Rory Cormac, explores the interaction between intelligence and the UK core executive.

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My time at IAS was very rewarding. This was partly because the IAS had already existed for four years and my predecessors, Margot Finn and Hilary Marland, had already done so much. The priority was continued growth. We persuaded the University to support the idea of Global Research Fellowships, a world-leading fellowship scheme that sought to do something new and distinctive. This reflected the fact that the world's problems are increasingly complex and globally connected. We wanted to create something that allowed the best post-doctoral researchers to achieve both interdisciplinarity and global mobility. Sixteen Global research fellows were eventually appointed for three, four or five years depending on the project.

We also increased the number of Early Career Fellows. Fellows use their time to undertake career development activities, including job applications and publications. Fellows also run a

workshop or symposium, often working in collaboration with other fellows. Together with help from the Engineering and Science Research Council we created new Science Early Career Fellows, allowing us to double our numbers. We also extended the length of the fellowship from six months to ten.

Rapidly increasing numbers gave the IAS a really exciting feel. The vital connection for these fellows was a new programme called “Academic Careers and Employability” (ACE). This was focused on moving our fellows into good jobs. Directed by Charlotte Mathieson and then Rebecca Vipond, the core of the programme was training for job interviews, focusing on the presentation and formal interview. Each week, two fellows would face an assault course of presentations and interviews. Meanwhile, the others fellows would pretend to be heads of departments, Deans and pro vice chancellors, firing a barrage of merciless questions. This alternated with sessions on impact opportunities, media

training and podcast production, public speaking, advanced teaching practices, and drafting funding proposals. We measured our success in terms of jobs secured and our hit-rate was remarkable. Nothing made us happier than an IAS fellow returning victorious from an interview.

The ACE programme is about practical “fellowship” since it is a collective project in which we all help each other. One of the secrets of ACE was the participation of a number of fellows of different types and levels. This included input from visiting fellows who brought their vast experience - I recall especially a memorable session with the late Professor Oliver Sacks. The wonderful new success of WIRL-COFUND adds yet another stream of fellows and continues an impressive upward trajectory. IAS, founded less than a decade ago, has become an integral part of the University's research strategy. With an innovative range of programmes, it is contributing to Warwick's world leadership in research and scholarship.



Professor Giorgio Riello
Director 2014-2017

Since 2014 Professor Giorgio Riello has been the Director of the Institute of Advanced Study. He is currently Professor of Global History and Culture. He joined the Department of History at Warwick in 2007. His area of expertise lies in the history of globalisation, trade and manufacturing with a particular focus on industrialisation and economic divergence.

Professor Riello has been in charge of a number of research projects and networks, the most recent of which is the Leverhulme-funded 'Luxury Network' in collaboration with several museums and universities and the Warwick Business School. He has been a member of the Global History and Culture Centre since its foundation and he currently directs it. During the past five years he has also been the Director of the Pasold Research Fund, a charity established in 1964 for the promotion of research in textiles, dress and fashion of which he is going soon to take the role of Chair.

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When I was appointed Director of the IAS in 2014, the Institute had achieved national and international recognition. My predecessors had created and developed a strong research agenda. The Global Research Fellows and the Early Career Fellows were, and still are, the vibrant core of the IAS. My first task was to ensure that this would continue especially in light of increasing pressure on space and reductions to the IAS budget. In the course of the past three years I had the pleasure to see many of the Global Fellows successfully complete their time at the IAS and secure permanent positions both at Warwick and other major research institutions. Similar success has come from several cohorts of Early Career Fellows whose results have been exceptional. The great majority of them continued their research in academic institutions in the UK and internationally, and some completed their IAS fellowship early in order to accept permanent positions.

The Institute has expanded its activities and has found new ways to engage with Warwick academics as well. A streamlined funding scheme provides support to Warwick academics in developing ideas for interdisciplinary and collaborative projects. The IAS continues to welcome more than forty academics per year from institutions around the world who spend time at Warwick as Visiting Fellows. Since 2014 the IAS has produced an Annual Report and organised a yearly symposium on important themes in research. The 2017 symposium is dedicated to 'The Internationalisation of Research' and will bring together IAS fellows, Visiting Fellows, Warwick academics and representatives from other universities, national and international funding bodies, Government and Industry.

As the Warwick IAS celebrates its 10th anniversary, the first cohort of COFUND fellows will join the Institute in 2017. The IAS looks forward to the next 10 years!



Supported Fellowships

The Institute contributes to Warwick's international research profile by supporting both International and Residential Visiting Fellows, bringing collaborators together to engage with a wide-cross section of the University and facilitating the delivery of targeted research objectives.

International Visiting Fellowships

The International Visiting Fellowship scheme enables research groups at Warwick to engage with international researchers, including policy makers and representatives of the arts, business, government and industry. Visiting Fellows are hosted by a Warwick academic and during their visit contribute to the broader research activities of the University, engaging with a wide cross-section of our research community. In 2015-16 the Institute supported 24 International Visiting Fellows.





Professor Cynthia Lucia

Rider University USA

Visited: 9 - 17 October 2015

Nominated by: Dr J. E. Smyth, School of Comparative American Studies

Professor Lucia is Associate Professor of English and Director of the Film and Media Studies Programme at the Department of English, Rider University. Professor Lucia's current project 'Hollywood History and Its Final Child' examines the career of Natalie Wood—a child star in the 1940s and early 1950s, when a thriving studio system trained its actors, moulded actors' professional lives and shaped their public personae. Emerging into adult stardom in the early 1960s, Wood's sexual maturation sparked onscreen tensions reflective not only of cultural anxieties but also of a system in serious decline.

During her visit, Professor Lucia discussed Wood as an actress whose roles and career allegorise dramatic transitions in the Hollywood industry and American society. She also conducted further archival research at the British Film Institute. Alongside this, her continued collaboration with Dr Smyth and Visiting Fellow Professor Grundmann was strengthened, preparing both written pieces and funding applications.



Professor Roy Grundmann

Boston University, USA

Visited: 9 - 17 October 2015

Nominated by: Dr J. E. Smyth, School of Comparative American Studies

Professor Grundmann is Director of the Film Studies Programme at Boston University and a leading scholar of contemporary German cinema and criticism. Grundmann has curated several landmark film series at the Museum of Modern Art and Boston University on the work of Haneke, Harun Farocki and Antje Ehmann's acclaimed 'Labor in a Single Shot', a global film project. He is also currently completing a monograph on director Michael Haneke.

While at Warwick, Professor Grundmann held two public events, delivering a lecture on an aspect of his current research on Haneke and a workshop on issues in contemporary film criticism and efforts to combine academic and popular work on film and media. These initiatives were envisioned in part to develop the existing network between Boston University and Warwick. Professor Grundmann also developed a panel on film criticism, canonicity, and curatorship of European retrospectives in the US.



Dr Graeme Moad

Commonwealth Scientific and Industrial

Research Organisation, Australia

Visited: 22 November - 10 December 2015

Nominated by: Dr Tara Schiller, Warwick Manufacturing Group

Dr Moad's research interests lie in polymer design and synthesis, and polymerisation kinetics and mechanism. He is a co-inventor of RAFT polymerisation and has played a key role in its further development and commercial exploitation in a range of fields. Dr Moad also leads a multi-faceted industry-focused multi-institutional project within the Cooperative Research Centre for Polymers at the Commonwealth Scientific and Industrial Research Organisation in Australia.

During his Visiting Fellowship, Dr Moad met with researchers in Warwick Manufacturing Group and the Department of Chemistry to examine the design and application of star and hyperbranched polymers as components of new materials for 3D-printing. Through this visit Dr Moad is now developing joint research bids and publications with Dr Schiller and arranging future secondments between the Commonwealth Scientific and Industrial Research Organisation and Warwick.



Professor Alastair Blanshard

University of Queensland, Australia

Visited: 11 January - 6 February 2016

Nominated by: Dr Michael Scott, Classics and Ancient History

Professor Blanshard's research examines how modern perceptions of 'ancient Greece' came into being. During his time in Warwick, he considered how the ancient world is constructed in various media such as film and drama as well as how it resonated during various time periods, especially during the early modern period.

He also researched how the idea of Romanticism changed attitudes towards Greece. Pre-Romantic Greece was a difficult concept to love. He interrogated the strategies employed by the first generation of eighteenth-century European travellers to Ottoman Greece to see how they made sense of this landscape and culture that they often saw as wild, barbaric and degenerate.

More information about Professor Blanshard's visit can be found in his report on page 74.



Ms Lesley Chamberlain

London, UK

Visited: 11 January - 10 February 2016

Nominated by: Dr David James, Department of Philosophy

Lesley Chamberlain is an independent scholar and writer with a special interest in philosophy and German intellectual history. During her Fellowship, Ms Chamberlain looked at key works in philosophy and the history of ideas written in the time of Hitler and considered their lasting impact. Topics included Husserl's ideas of self-responsibility and the experience of the other and the controversy surrounding Heidegger.

In particular, she focused on five key texts: Ernst Cassirer's *The Philosophy of the Enlightenment* (1932) Edmund Husserl's *Philosophy and the Crisis of European Man* (1935-37), Martin Heidegger's *Introduction to Metaphysics* (1929), *The Origin of the Work of Art* (1936), Walter Benjamin's *The Work of Art in the Age of its Mechanical Reproducibility* (1936) and Theodor Adorno and Max Horkheimer's *Dialectic of Enlightenment* (1944). She presented this work in several talks to the academic community at Warwick.



Dr Andrea Brunello

Compagnia Arditodesio -

Jet Propulsion Theatre, Italy

Visited: 17 - 27 January 2016

Nominated by: Professor Simon Gilson and Dr Anna Pegoretti, School of Modern Languages & Cultures

Dr Andrea Brunello is a Physics research fellow turned professional actor. In recent years, he has founded Jet Propulsion Theatre, a project which aims to narrate science through theatre and to enhance the general public's understanding of both science and the people of science in a whole new way.

Professor Gilson and Dr Pegoretti recently started a collaboration with Dr Brunello on the late medieval Italian poet, Dante Alighieri (d. 1321), whose major poem *Commedia* is recognised as a masterpiece of world literature. This collaboration produced a bilingual (English/Italian) theatrical work, entitled *Dante the Cosmonaut*, which reinterprets Dante's cosmology in the light of contemporary physics. This work addresses a recent fascinating strand in studies of Dante's cosmology.

Dr Brunello visited Warwick to engage with scholars and students in a series of events and workshops that aimed to facilitate the interdisciplinary dialogue between science and the humanities in an innovative and creative way, and to increase impact-capacity building across the University. More information about Dr Brunello's visit can be found in his report on page 76.



Professor Gunlög Fur

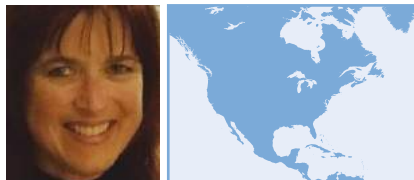
Linnaeus University, Sweden

Visited: 15 - 28 February 2016

Nominated by: Professor Gurminder Bhambra, Department of Sociology

Professor Fur is an internationally renowned historian and Director of Concurrences Centre of Colonial and Postcolonial Studies at Linnaeus University, Sweden. She works on the themes of borders and margins across the substantive areas of Swedish contact with the Lenape Indians in mid-seventeenth century US, relations between the Saami people and the Swedish Crown and on historiographical issues related to gender, and postcolonial perspectives. Her scholarship on the themes of colonialism, cultural encounters and gender examines what happens when people meet and draw lines that differentiate, create, and alter relations between collectives and individuals.

During Professor Fur's visit to Warwick's Department of Sociology, she participated in a range of academic and public events co-organised with the Social Theory Centre, the Global History and Culture Centre, the Department of History, and the Global Research Priorities 'Connecting Cultures' and 'International Development'. During her visit, Professor Fur also completed a new book chapter on *European Cosmopolitanisms* in collaboration with Professor Bhambra.



Dr Char Sample

The MITRE Corporation, USA

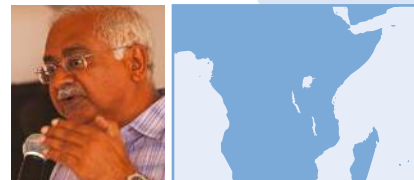
Visited: 19 February - 16 March and

6 June - 2 July 2016

Nominated by: Professor Carsten Maple, Warwick Manufacturing Group

Dr Sample has rich and varied experience working for commercial companies, government contractors and most recently federally-funded research and development centres. Dr Sample obtained her DSc in Information Assurance and has significant experience in numerous areas of cyber security including: infrastructure security, supply-chain, threat intelligence, DNS security issues, routing security, cloud security and risk quantification.

During her Fellowship Dr Sample spoke to a wide cross section of University staff and students about cyber security, Cyber-resilience and threat intelligence.



Professor Issa Shivji

University of Dar es Salaam, Tanzania

Visited: 19 April - 27 April 2016

Nominated by: Dr Sam Adelman, School of Law

Professor Shivji is one of Africa's leading experts on law and development issues. He presently occupies the Mwalimu Julius Nyerere Research Chair in Pan-African Studies of the University of Dar es Salaam. Professor Shivji has also served as advocate of the High Court and the Court of Appeal of Tanzania since 1977 and advocate of the High Court in Zanzibar since 1989. He has taught and worked in universities all over the world, including the University of Zimbabwe, the University of Hong Kong and El Colegio De Mexico. He is a prolific writer and researcher, producing books, monographs and articles, as well as a weekly column printed in national newspapers.

During his Fellowship, Professor Shivji gave seminars to Warwick staff and students, and was keynote presenter at a joint Warwick - British Tanzania Society conference in London on Tanzanian developments. Along with Professor Baxi he participated in the highly successful international symposium *Beyond Development: New Imaginaries in Social Justice*, in honour Professor Dwijen Ranjekar.





Professor Upendra Baxi

University of Delhi, India
 Visited :19 April - 13 May 2016
 Nominated by: Dr Sam Adelman,
 School of Law

Professor Upendra Baxi served as Professor of Law at the University of Delhi (1973-96) and as its Vice Chancellor (1990-94). He has also served as: Vice Chancellor, University of South Gujarat, Surat (1982-1985); Honorary Director (Research) of The Indian Law Institute (1985-88). He was the President of the Indian Society of International Law (1992-1995).

Professor Baxi has taught various courses in law and science, comparative constitutionalism and social theory of human rights.

During his Fellowship, Professor Baxi consulted with researchers in the School of Law and spoke at several seminars to Warwick staff and students. Along with Professor Shivji, he participated in the international symposium 'Beyond Development: New Imaginaries in Social Justice'.



Madhu Mehra

Partners for Law in Development, India
 Visited: 20 April - 5 May 2016
 Nominated by: Professor Ann Stewart,
 School of Law

Madhu Mehra is a founding member and Executive Director of Partners for Law in Development, a legal resource group on social justice and women's rights in India. Through seminars and workshops, she contributed to knowledge and added depth to a number of courses to enrich interdisciplinary gender, human rights and development scholarship and enhance methodological expertise in action oriented gender and development research.

During the period of her Fellowship, Professor Mehra shared her expertise on reform of sexual violence laws and its intersections with sexuality rights, contemporary trends in 'witch hunting', and on international lobbying on gender and rights issues via her work with and on the UN human rights institutions.



Professor Pamela Gilbert

University of Florida, USA
 Visited: 9 - 20 May
 Nominated by: Dr Ross Forman, English &
 Comparative Literary Studies

Professor Gilbert is Albert Brick Professor of English at the University of Florida. She is a former chair of the English Department there and a recent recipient of a prestigious Guggenheim Fellowship. Her research interests include gender, the Victorian novel, the body, Victorian cultural and medical history, and medical humanities.

During her Fellowship, Professor Gilbert worked on her current project on skin and surface in the nineteenth century, a project on the history of the body and cultural representation. As she works at the nexus of the history of science and literature, she enjoyed productive interaction with Warwick's faculty and postgrads in several areas of scholarship.

She also gave the keynote at Warwick's conference on Victorian Worlds in Comparison, thinking about current conflicts and opportunities in the ways scholars approach our past and imagine a future, both as "Victorianists" and as humanists more broadly.



Professor Sandra Vasconcelos

University of Sao Paulo, Brazil

Visited: 16 - 25 May 2016

Nominated by: Dr Ross Forman, English & Comparative Literary Studies

Professor Vasconcelos has written widely on British and Brazilian literature in the eighteenth and early-nineteenth centuries. Among her many areas of specialisation is her work on world literary systems and the impact of British literature on the formation of the Brazilian novel. Her investigation centres on the novels by Brazilian novelist Machado de Assis as privileged sites in which a most fruitful and critical appropriation of the English novelistic tradition finds full scope as a tool to deal with the local sociohistorical experience.

During her Fellowship, Professor Vasconcelos spoke at several conferences and seminars, including the Institute's Annual Symposium, and worked specifically on the relations between Machado de Assis and Laurence Sterne.



Dr Hadas Lewy

Maccabi Health Services, Israel

Visited: 22 - 27 May and

5 - 11 September 2016

Nominated by: Professor Christopher James, Department of Engineering

Dr Lewy is Director of the International Centre for Research & Development at Maccabi Healthcare Services, and the CEO of Nevet Ltd. Maccabi is the second largest Health Maintenance Organisation in Israel and is known for its advanced technological systems and expertise in developing and implementing technological solutions in healthcare services in the community.

Dr Lewy's academic and industrial experience includes development of non-invasive medical devices, developing a telemedicine service, behavioural and clinical patterns analyses, research and development of health technologies.



Dr Rafael Barkan

Holon Institute of Technology, Israel

Visited: 22 - 27 May and

5 - 11 September 2016

Nominated by: Professor Christopher James, Department of Engineering

Dr Rafael Barkan is Head of Research and Development at Holon Institute of Technology, specialising in all avenues of technological progress: scientific, professional, social and cultural.

His current areas of interest are: ICT platforms for detection and intervention (neurocognitive training) in early stages of dementia, medical informatics, medical data mining and process mining, clinical decision support tools and telemedicine.

Barkan-Lewy Collaboration

Dr Barkan and Dr Lewy are the founders of CARE - the Centre for Applied technological Research for the Elderly - which addresses the technological facets of critical challenges in ageing from a multidisciplinary perspective, considering scientific, technological, health, social and legislative aspects. The collaboration between Dr Barkan and Dr Lewy, via CARE, with Professor James and Warwick focused on applied research for developing technologies for the elderly from a holistic point of view and integrating them into their lives in an unobtrusive and seamless manner.



Professor Prasannan Parthasarathi

Boston College, USA

Visited: 23 - 27 May 2016

Nominated by: Professor Daniel Branch,
Department of History

Professor Parthasarathi is engaged in a study of environmental change, agriculture and labour in nineteenth-century South India. His research has been supported by Fellowships from the Dibner Institute and the American Council for Learned Societies.

He is a senior editor of *International Labor and Working Class History* and serves on the editorial boards of a number of journals including the *American Historical Review*, *Textile History* and the *Medieval History Journal*.



Professor John McNeill

Georgetown University, USA

Visiting: 23 - 26 May 2016

Nominated by: Professor Daniel Branch,
Department of History

Professor McNeill's current project is a global environmental history of the Industrial Revolution. This entails the local pollution effects of industrialisation in Britain, a topic on which a good deal of strong research has been published already.

But it also entails the ecological consequences of mobilising all the fibres, ores, lubricants, dyes and other products essential to industrial production. They all came from somewhere, often from distant continents (or the high seas), they came in mounting quantities in the decades after 1815 and the ecosystem from which they came were changed in the process.

Parthasarathi-McNeill Collaboration

The visit of Professors McNeill and Parthasarathi was aimed at fostering interdisciplinary discussion across several departments, centres and faculties. Professor McNeill has written extensively on the Americas and in particular the West Indies, while Professor Parthasarathi's current research focuses on nineteenth-century India. Their expertise brought together colleagues from different areas of study for collaboration between two Warwick GRPs 'Connecting Cultures' and 'International Development'. Environmental history - and in particular the debates over the 'age of Anthropocene' - link issues of economic change and development to the analysis of power and the environmental impact on different socio-cultural contexts.



Professor Igor Aharonovich

University of Technology Sydney Ultimo,
Australia

Visited: 13 June - 2 July 2016

Nominated by: Professor Mark Newton,
Department of Physics

Professor Aharonovich is leader of the Nanophotonics Group from the School of Mathematical and Physical Sciences, University of Technology Sydney Ultimo, Australia. His research is focused on spectroscopy of single defects in wide bandgap semiconductors for nanophotonics and sensing applications.

The purpose of his visit was two-fold. Firstly, he engaged with the scientific community at Warwick - in particular with early career researchers - to expand collaborative activities in the field of diamond materials science, sensing and photonics. Secondly, he gained knowledge and expertise from the scholarly community in Warwick on the topic of electron paramagnetic resonance in diamond. Both goals resulted in mutual knowledge exchange, training for researchers and the opening up of new opportunities for high impact research in the physical sciences.



Professor Hai-Qing Lin

Beijing Computational Science Research Centre, China

Visited: 28 May - 7 June 2016

Nominated by: Professor Rudolf Roemer, Department of Physics and Centre for Scientific Computing

Professor Lin is Division Head of Simulation of Physical Systems at Beijing Computational Science Research Centre, a multidisciplinary fundamental research centre of the Chinese Academy of Sciences. His research areas are mainly in Condensed Matter Physics and Computational Physics including plasmonics, high pressure studies, entanglement and quantum phase transition, magnetism and superconductivity, electron spins in semiconductor quantum dots as well as numerical technique development.

The University of Warwick, via the Centre for Scientific Computing, has recently signed a memorandum of understanding with the Computational Science Research Centre on joint research, teaching and facilities activities. Professor Lin's Fellowship was the first visit of a representative of the Computational Science Research Centre at Warwick. His research, general academic experience and expertise will therefore be beneficial to the Centre for Scientific Computing, the Physics department and the Warwick Materials GRP as exemplified by the breadth of the nominations.



Professor Xiwen Guan

Chinese Academy of Science, China

Visited: 28 May - 7 June 2016

Nominated by: Professor Rudolf Roemer, Department of Physics and Centre for Scientific Computing

Professor Guan is a senior professor at the Wuhan Institute of Physics and Mathematics, a research institute of the Chinese Academy of Sciences. He is a world leader in the field of interacting quantum manybody systems and their applications to the field of atomic gases and ultracold atoms. Professor Guan's expertise in the applications of cold atoms benefitted several research groups from Warwick's department of Physics.

Lin-Guan Collaboration

Professors Lin and Guan visited Warwick to establish the basis for a long-term institutional partnership between Warwick's Centre for Scientific Computing and the Beijing Computational Science Research Centre. They also presented to faculty and students and explored future funding opportunities such as dedicated Chinese Academy of Science Funds and UK-based funds.



Dr Elizabeth Goldring

London, UK

Visited: 11 July - 15 July

Nominated by: Dr Teresa Grant, Centre for the Study of the Renaissance and the Department of English & Comparative Literary Studies

Dr Goldring, is an interdependent scholar and an Associate Fellow of the Centre for the Study of the Renaissance, University of Warwick. Her work is interdisciplinary, often straddling the boundaries between literature, history, and art history, with research interests from the circle of Sir Philip Sidney and Robert Dudley, Earl of Leicester, to festival studies, the history of patronage and collecting and the reception of Elizabethan art and literature in the seventeenth, eighteenth, and nineteenth centuries. She is currently working on a new book on the life and art of Nicholas Hilliard.



Professor Carole Levin

University of Nebraska-Lincoln, USA
 Visited: 6 July - 12 August 2016
 Nominated by: Dr Teresa Grant, Centre for the Study of the Renaissance and the Department of English Comparative Literary Studies

Professor Levin is Willa Cather Professor of History and Director of the Medieval and Renaissance Studies Programme at the University of Nebraska-Lincoln where she specialises in early modern English women's and cultural history. She has been the recipient of two National Endowment for the Humanities long-term Fellowships. She is the past president of the Society for the Study of Early Modern Women, the co-founder and president of the Queen Elizabeth I Society, and is Fellow of the Royal Historical Society.

Levin Goldring Collaboration

Professor Levin, Dr Goldring and Dr Grant forged new ways of discussing sovereignty, court entertainments and interdisciplinary teaching and research. They also offered advice, example and mentorship to PhD students studying the early modern period, particularly female students whose confidence is generally less secure.



Professor Jennifer Gillan

Bentley University, USA
 Visited: 26 June - 6 July 2016
 Nominated by: Dr Joanne Garde-Hansen, Centre for Cultural Policy Studies

Professor Gillan focuses upon fandom, gender and audiences which is important for developing research priorities that address cultural, national and personal memory in terms of popular culture, citizenship and communication research. It is the transnational cultural memory aspects of television and its renewed circulation in consumer markets of nostalgia and nation that provide cogent areas of enquiry.

Gillan-Gray Collaboration

Professors Gillan and Gray participated in a variety of research events at the Centre for Cultural Policy Studies, the Institute of Advanced Study, and the Department of Film and Television Studies, in collaboration with the Centre for Television History, Heritage and Memory. Their visit facilitated new collaborations and sustained conversations for the development of new research proposals. This visit was the first time that key thinkers from paratextual studies and memory studies were brought together.



Professor Jonathan Gray

University of Wisconsin-Madison, USA
 Visited: 1 - 9 July 2016
 Nominated by: Dr Joanne Garde-Hansen, Centre for Cultural Policy Studies

Professor Gray offered Warwick a wide and connective approach that was productive across a wide range of Warwick departments, centres and groups that currently may not be in conversation with one another. He presented Warwick with an important perspective on transmedia culture that allowed the Centre for TVHHM to network effectively inside and outside the university along new pathways.





Residential Fellowships

In recognition of the extensive global research partnerships fostered by Warwick academics, the Institute began offering Residential Fellowships in 2014.

The programme offers the opportunity to bring collaborators to Warwick for a short, intensive stay specifically to deliver joint outputs around the Institute's three core areas of support: Developing Ideas, Advancing Grants or Delivering Results.

The scheme aims to facilitate the delivery of collaborative research activity by providing the opportunity for external partners to be based at Warwick to work on a shared deliverable at the same time as supporting the continuation of the partnership. In 2015-16 the Institute supported 18 Residential Fellows.





Dr Jeronimo Pizarro

University of the Andes, Columbia
Visited: 4 - 15 December 2015
Nominated by: Professor Paulo De Medeiros, Department of English & Comparative Literary Studies

Dr Pizarro is Associate Professor at the University of the Andes in Columbia. He researches Hispanic literature and linguistics and is an expert on Portuguese modernist writer Fernando Pessoa.

He visited Warwick to build upon his existing collaboration with Professor De Medeiros by starting up a Global Modernism Research Network and preparing several manuscripts for journals and edited volumes. Dr Pizarro also gave a public lecture on modernism as well as leading an undergraduate lecture for students in the Department of English & Comparative Literary Studies and the School of Modern Languages & Cultures.



Professor Stanislav Soskin

National Academy of Sciences of Ukraine
Visited: 13 October - 22 December 2015
Nominated: by Dr Igor Khovanov, School of Engineering

Professor Soskin is an expert in stochastic and nonlinear dynamics. His collaboration with Dr Khovanov's Warwick team has been very fruitful resulting in a 2015 high-impact publication in Physical Review Letters. The Fellowship led to new cooperation, the submission of joint publications and new links to experimental groups.

It also provided Professor Soskin with a conducive working environment which is currently absent in Kiev for political and economic reasons. During his Fellowship Professor Soskin and his collaborators at Warwick prepared a joint EPSRC proposal and completed preliminary practical and theoretical work to support the application. More information about Professor Soskin's visit can be found in his report on page 78.



Dr Håkon Hoel

University of Oslo, Norway
Visited: 4 - 15 December 2015
Nominated by: Dr Matteo Icardi, Mathematics Institute

Dr Hoel is a postdoctoral researcher at the Department of Mathematics, University of Oslo. His main research interests are adaptive numerical integration methods for stochastic differential equations, and analysis and development of multilevel Monte Carlo methods for various kinds of stochastic filtering and differential equation problems.

During his visit, Dr Hoel finalised a paper with Dr Icardi, explored extensions to ongoing joint research projects and prepared a new scientific paper for publication.



Professor Anuparma Roy

Jawaharlal Nehru University, India
Visited: 3 - 8 January 2016

Nominated by: Dr Silvija Jestrovic,
School of Theatre, Performance and
Cultural Policy Studies

Professor Roy is an internationally established political scientist whose work has focused on legal studies, political anthropology of public institutions and women studies.

During her Fellowship, Professor Roy contributed to two ongoing projects by giving talks to current university staff and students, participating in the formulating a follow-up project and working on a grant application to support this new project.

Following from the Fellowship, Professor Roy has written a book chapter for the Gendered Citizenship collection and continues to be part of the research team for different projects.



Dr Haibo Ma

Nanjing University, China
Visited: 6 January - 18 February 2016

Nominated by: Professor Allesandro Troisi,
Department of Chemistry

Dr Ma is an expert in electronic structure calculations. He previously visited Warwick in 2013 supported by China Scholarship Council. This visit led to three peer reviewed publications in the top journals in material science.

During his Fellowship, Dr Ma worked with Professor Troisi and his research students, gave lectures to students from the Centre of Scientific Computing and the Department of Chemistry, and co-wrote three research bids with his Warwick collaborators.



Dr Mark Newton

European Synchrotron Radiation
Facility, France

Visited: 11 - 25 January 2016
Nominated by: Dr Thomas Hase,
Department of Physics

Dr Newton is a researcher in catalysis and the behaviour of metal nanoparticles engaged in catalytic processes. He is currently a visiting scientist at the Department of Physics in the University of Warwick, collaborating in the development of X-ray spectroscopy at the UK Collaborating Research Group XMaS beamline at the European Synchrotron Research Facility in Grenoble.

Whilst at Warwick, Dr Newton compiled the scientific case for a submission of an ESPRC Fellowship to be held at Warwick. He also developed new research contacts within the Departments of Chemistry and Physics along with the Materials GRP to use state-of-the-art characterisation tools and applying them to the latest generation of materials in operando.



Dr Salah Alzaroo

Hebron University, Palestine
Visited: 12 - 19 March 2016

Nominated by: Emeritus Professor Gillian Hundt & Professor Frances Griffiths, Warwick Medical School

Dr Alzaroo is President of Hebron University and an Associate Professor of Continuing Education. As a Residential Fellow, he explored opportunities for collaboration with Warwick Medical School and Warwick Law School concerning research on educational and health provision in Palestine and elsewhere in the region.

Dr Alzaroo also discussed future research bids in relation to access to health for marginal and mobile groups in Europe and Middle East through European Commission funding with his collaborators at Warwick.



Dr Jonathan Weiss

York University, UK
Visited: 4 - 8 April 2016

Nominated by: Professor Richard Hastings, Centre for Educational Development, Appraisal and Research

Dr Weiss is an Associate Professor in the Department of Psychology at York University and a Clinical Psychologist. He currently holds the Canadian Chair in Autism Spectrum Disorders Treatment and Care Research.

His research focuses on the prevention and treatment of mental health problems in people with Autism Spectrum Disorder or intellectual disabilities. During his visit, Dr Weiss met with researchers from the Centre for Educational Development, Appraisal and Research, presented to clinicians on the use of Cognitive Behavioural Therapy and spent time co-writing a publication with Professor Hastings.



Professor Grant Farred

Cornell University, USA
Visited: 22 - 26 May 2016

Nominated by: Professor Pierre-Philippe Fraiture, School of Modern Languages & Cultures

Professor Farred, from the Africana Studies and Research Centre at Cornell University, has published in a range of areas, including postcolonial theory, race, formation of intellectuals, sport's theory, and cultural studies and literary studies.

During his Fellowship, Professor Farred gave several talks on James Baldwin's Notion of the "Negro", began drafting a research network funding proposal and prepared a large paper on Translating African Thought and Literature.



Professor Jack Zipes

University of Minnesota, USA
Visited: 31 May - 3 June 2016

Nominated by: Professor Mick Carpenter,
Department of Sociology

Professor Zipes is considered a world authority on fairy tales and storytelling. A prolific author on the role of fairy tales in society and their social history, he is a celebrated scholar who brings academics together from across disciplines.

His work resonates with innovative research in oral storytelling in the Sociology Department. Professor Zipes visited Warwick to give a public lecture on the way in which fairy tales reflect conditions, ideas, tastes, and values of the societies in which they were created. He also led training and widening participation workshops for the local community.



Dr Z Nicolazzo

Northern Illinois University, USA
Visited: 5 - 11 June 2016

Nominated by: Dr Emily Henderson, Centre
for Education Studies

Dr Nicolazzo is an Assistant Professor in the Adult and Higher Education programme and a faculty associate in the Centre for the Study of Women, Gender, and Sexuality, at Northern Illinois University. His research agenda is focused on mapping gender across college contexts, with particular attention to trans* collegians, as well as the intersections of race, gender, sexuality, and disability.

During his Fellowship at Warwick Dr Nicolazzo co-hosted seminars and spoke at a professional development seminar at the Society for Research into Higher Education. He also began preparing a joint funding application with Dr Henderson.



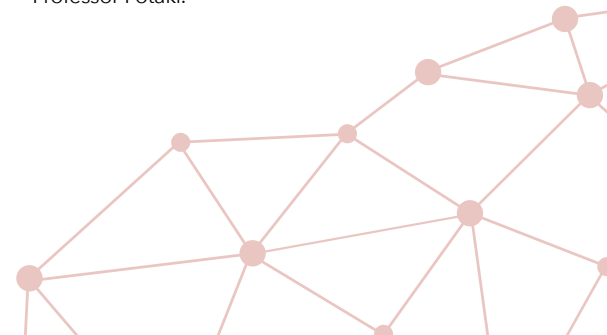
Dr Fatima Festic

University of Zagreb, Croatia
Visited: 5 - 16 June 2016

Nominated by: Professor Marianna Fotaki,
Warwick Business School

Fatima Festic has worked as a Professor, Lecturer and Research Fellow in the humanities and comparative literature at various universities in USA, Western and Eastern Europe, South Africa and Turkey.

Her literary works pertain to psychoanalytic and feminist theory and criticism, semiotics and cultural studies. During her visit Dr Festic spoke about her research to scholars at the Warwick Business School and began drafting a Research Fellowship application with Professor Fotaki.





Professor Peter McNeil

University of Technology Sydney, Australia
Visited: 27 - 30 June 2016
Nominated by: Professor Qing Wang,
Warwick Business School

Professor McNeil is a major figure in art, fashion and design history with an extensive record of publishing and public speaking. He is an expert on 18th-century men's dress and design culture from 1700 to the present day.

While at Warwick he contributed seminars, discussion and the generation of future collaborative research projects with his colleagues in the Leverhulme funded Luxury Network.



Dr Talita Calitz

University of the Free State, South Africa
Visited: 19 - 25 June 2016
Nominated by: Dr Emily Henderson, Centre
for Education Studies

Dr Calitz is currently a Postdoctoral Research Fellow at Centre for Research on Higher Education and Development, University of the Free State, South Africa. She is involved in a number of funded research projects related to equality, human development and social justice in higher education.

While at Warwick Dr Calitz began the preparation of several Postdoctoral Fellowship applications to be hosted at Warwick, co-wrote a journal article with Dr Henderson and widened her network of collaborators.

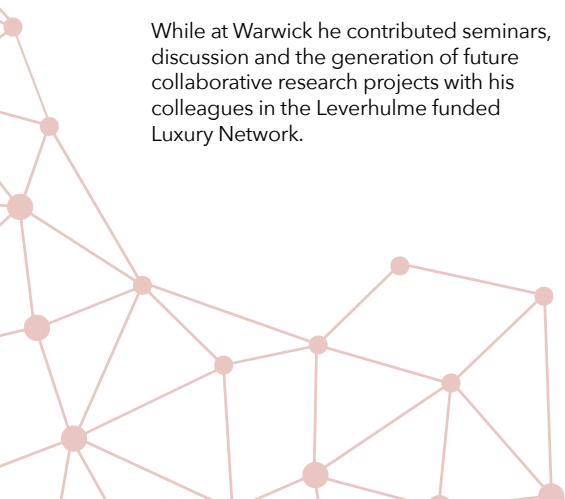


Professor Kathleen Gallagher

Ontario Institute for Studies in
Education, Canada
Visited: 22 June - 1 July 2016
Nominated by: Dr Rachel King,
Centre for Education Studies

Professor Gallagher is a leading Canadian education scholar who invokes the power of theatre to educate students in elementary and high schools about complex social issues.

Professor Gallagher's Fellowship allowed her to participate in ethnographic research and conduct face-to-face interviews with participants and collaborators on a longitudinal collaborative intercultural investigation of drama pedagogy, performance and civic engagement with Dr King, co-funded by the Institute of Advanced Teaching and Learning.





Dr Kylie Gray

Monash University, Australia

Visited: 13 September - 8 October 2016

Nominated by: Professor Richard Hastings,
Centre for Educational Development

Dr Gray has extensive expertise in the area of developmental disorders and disability in children and young people. This includes addressing issues around diagnosis and assessment, development of assessment tools, mental health and psychosocial wellbeing of children and their parents, and the development and evaluation of treatments.

During her visit Dr Gray worked closely with scholars in the Centre for Educational Development, co-authored a paper with Professor Hastings and presented her research in several workshops and seminars.



Professor Dennis Nickson

University of Strathclyde, Scotland

Visited: 12 - 19 September 2016

Nominated by: Professor Christopher Warhurst, Institute of Employment Research

Professor Nickson researches aesthetic and emotional labour in interactive service work, skills and employability, people management in retail and hospitality, and labour markets.

During his visit, Professor Nickson completed the writing of a book on aesthetic labour, co-authored with Professor Warhurst.



Professor Nicholas Hall

Ohio State University, USA

Visited: 26 September - 6 October 2016

Nominated by: Professor Bo Chen, Warwick Business School

Nicholas Hall is Professor of Management Sciences and Integrated Systems Engineering at The Fisher College of Business, Ohio State University.

He has published extensively in Operations Research, Management Science, Mathematics of Operations Research, Mathematical Programming, Games and Economic Behaviour, Interfaces and other journals. During his Fellowship, Professor Hall completed a long standing research project with his collaborator, Professor Chen, and initiated new research in project management.



Early Career Fellowships

The Early Career Fellowship Programme supports Warwick doctoral candidates in the transition phase between their doctoral and postdoctoral research careers.

Fellows advance the development of their research careers by writing publications, conference papers, job applications, and postdoctoral Fellowship/grant proposals, while engaging with the Academic Careers and Employment Programme. In 2015-16, the Institute supported 26 Early Career Fellows.





Dr Deborah Brewis
Warwick Business School

Dr Brewis is a researcher of management and organisation, with a focus in critical diversity studies. Her interests lie in various issues relating to management of the 'self', experiences of work, and inequalities.

During her Fellowship Dr Brewis worked on an artistic collaborative project and on further developing her doctoral research on diversity practitioners.

Her plans for future work are in the areas of new media work, in particular the emergent occupation of 'Social Talent'. Specifically, the relationship between work and life and of authenticity when the self is 'brand'. In May 2016, Dr Brewis was appointed Lecturer in Organisational Behaviour at Kingston Business School, London.



Dr Marco Cinelli
Warwick Manufacturing Group

Dr Cinelli focuses on the integration of sustainability assessment with decision support methods.

His current research includes the use of Multiple Criteria Decision Aiding (MDCA) to perform sustainability assessments of products/process systems; the creation of a network of sustainability and decision support analysts to advance the scientifically meaningful use of MCDA for sustainability research; and the development of life cycle sustainability assessment capabilities.

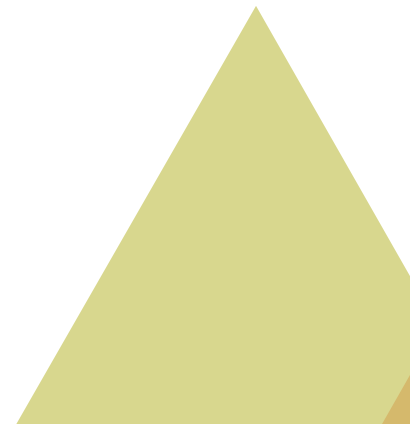
More about Dr Cinelli's research can be found on page 69 and about his Fellowship on page 80. In March 2017 Dr Cinelli began postdoctoral research at the Singapore-ETH Centre.



Dr Giacomo Comiati
School of Modern Languages & Cultures

Dr Comiati's PhD thesis focuses on the influence of the Latin poet Horace in sixteenth-century Italy, taking into consideration works composed in several different genres both in Latin and Italian between 1498 and 1600.

His current research incorporates his interests in Renaissance reception of Latin antiquity, Italian Petrarchism and Renaissance Neo-Latin poetry. Along with writing two articles in which he developed important aspects of his thesis, Dr Comiati organised a one-day conference devoted to Aldus Manutius's works at the Galilean School of Excellence in Padua (Italy). In September 2016, Dr Comiati took up a postdoctoral Fellowship at Freie University, Germany.





Dr Joseph Cunningham
Department of Philosophy

Dr Cunningham's doctoral thesis is entitled *The Remit of Reasons* and focuses on the question of what it is to act, believe, desire, intend and so on, for reasons.

His other research interests include the philosophy of action as well as metaphysical and epistemological aspects of perception. At the Institute he undertook interdisciplinary research on the nature of belief, delusion and rationality.



Dr Jasmine Desmond
Department of Chemistry

Dr Desmond researches biomolecular adsorption at the interface between solid silica and aqueous electrolytes, which is extremely important to many areas including: surgical science, e.g. the successful merger of prosthetic limbs to bone tissue; and the oil industry, for increasing oil yields from sandstone reservoirs; and biology and engineering, where the intricate silica-based skeletal structure of Radiolarians, a small marine creature, inspires the design of novel materials.

During her Fellowship Dr Desmond strategically expanded on the work of her PhD, increasing understanding of biomolecular interactions at this important interface. In September 2016, Dr Desmond began an INTEGRATE AMR Early Career Fellowship based at Warwick.



Dr Emine Erdogan
Department of Sociology

Dr Erdogan's research is about gender in global food production and is based on an extensive ethnography of tomato production and processing in Turkey.

During her Fellowship, she expanded her focus on the relation between production and reproduction to include consumption as an inseparable part of global commodity chains.

Through straddling two interdisciplinary areas, gender and food studies, she looks at how the identities of workers, consumers and the products themselves are shaped by and shape each stage of the global food chain. More information about Dr Erdogan's research can be found on page 68.



Dr Nicola Galley
School of Life Sciences

Antimicrobial Resistance is dramatically reducing the effectiveness of drugs that we have come to rely on for common medical practice. Dr Galley's research focuses on the penicillin-binding proteins (PBPs), which are responsible for the final steps in the biosynthesis of the bacterial cell wall. PBPs are excellent targets for antimicrobial drugs as they are essential for cell viability.

To date, she has identified a critical PBP substrate recognition phenomenon in *Streptococcus pneumoniae* that has led to advances in understanding the cell wall synthesis process, and characterised two novel carbohydrate based inhibitors of these targets. In March 2016, Dr Galley took up a position as Postdoctoral Research Associate at Sheffield University.



Dr Lucy Hatton
Department of Politics &
International Studies

Dr Hatton's research considers issues of democracy and legitimacy in the European Union. The focus of her doctoral research was the recently launched European Citizens' Initiative, a mechanism by which the citizens of the EU can propose new EU legislation and to what extent this can impact upon the democratic legitimacy of the EU.

Her interests therefore include democratic theory, particularly participatory and deliberative democracy; legitimacy; representation and popular participation; citizenship; mechanisms of direct democracy; the EU's democratic deficit, and Euroscepticism, particularly in the UK. In October 2016, Dr Hatton began a Teaching Fellowship at Warwick.



Dr Lewis Herrington
Department of Politics &
International Studies

Dr Herrington's central research areas include intelligence, 'Islamic Terrorism' in the UK, cyber terrorism, Islamic fundamentalism, extremism, Islamic jihad and counter terrorism strategy. During his Fellowship, Dr Herrington examined operations of the Islamic State also known as ISIS, concurrent with transforming his PhD into a book.

Based in London, Dr Herrington has extensive public engagement experience having appeared live as an expert witness several times on Sky News, Arise News, Leading Britain's Conversation and BBC Radio 4. In October 2016, Dr Herrington took up a Teaching Fellowship at Loughborough University.





Dr Anja Humpert
Department of Physics

Dr Humpert's research focuses on the study of liquid crystals, which are commonly used as displays in phones and television. Throughout her PhD she investigated the static and dynamical properties for different liquid crystalline materials using simulations. More recent work involved nanoparticles in liquid crystals.

Due to their shape, the nanoparticle distorts the order of the liquid crystal. This can be utilised to design novel materials as well as to assemble nanoparticles in a controllable fashion. Dr Humpert moved to Renshaw in September 2016, where she works as a software engineer.



Dr Karolina Hutkova
Department of History

Dr Hutkova's research draws on economic and business history to explore issues key to economic development, in particular the role of institutions, organisation and governance for creating conditions for entrepreneurship and business activity. Her PhD thesis, entitled *The British Silk Connection: The English East India Company's Silk Enterprise in Bengal, 1757-1812*, analysed the English East India Company's silk manufacturing activities in Bengal in the late eighteenth century.

Her research relied on economic history approaches to the study of the transfer of Italian technologies to Bengal. It attempted to bridge the gap in current debates about the importance of technologies and technological transfers in global history. In September 2016, Dr Hutkova began a Research Fellowship supported by the Economic History Society and based at the Institute of Historical Research in London.



Dr Francesca Iezzi
Mathematics Institute and Institute for
Advanced Teaching & Learning

Dr Iezzi was appointed as the first joint Early Career Teaching Fellow in Institute of Advanced Study and the Institute for Advanced Teaching and Learning.

Her mathematical research is in low dimensional Topology and Geometric Group Theory; the latter being a relatively recent area in pure Mathematics, whose main focus is using techniques coming from Geometry and Topology to understand properties of some algebraic objects: groups.

She also worked on a project investigating the link between teaching and research in academic practice. More about Dr Iezzi's Fellowship can be found in her report on page 84. In February 2017 Dr Iezzi began working in Public Engagement at Edinburgh University.





Dr Nike Jung

Department of Film & Television Studies

Dr Jung's thesis is titled *The (In)visibilities of Torture. Political torture and visual evidence in U.S. and Chilean Fiction Cinema (2004 - 2014)*. She explored how recent fiction films imagine torture cases based on factual events and how over- and under-exposure of these events in the media may influence their fictional portrayal. She is particularly interested in the ways in which fiction film positions itself in relation to other media, such as photography and documentary. She has published a book, *Narrating Violence in Post-9/11 Action Cinema*, and a number of research articles.

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Pain possesses what Paul Ricoeur calls mineness; yet what we tend to experience as “our” subjective experience also has a social dimension, and the words we use to describe our pain are not our words alone. Films can offer a way to express complex emotional reactions by their “invitation to feel” (Greg Smith) - and to render these emotions public at the same time.

In my research on political torture in film, I expanded the definition of a film “about” torture to include such films that strive to make such dynamics “feelable,” to make something visible that is not (primarily) of the visible order. For in torture too, the emotional dimension and the long-term social consequences are often neglected both from formal definitions and in the analysis of “torture on film.” These films help understand something about the affective and collective dimension essential to torture, which is fundamentally an instrument to terrorize a social body.

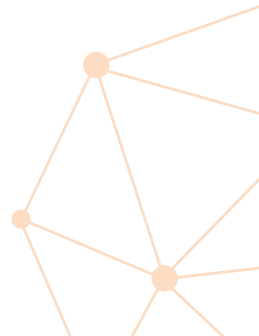


Dr Violeta Kovacheva

Systems Biology

Recent developments in multiplex immunofluorescence and digital pathology have resulted in an increased demand for methods to perform qualitative analysis on the obtained image data. As part of her PhD, Dr Kovacheva developed a new algorithmic approach that analyses the large amounts of multi-tag bioimage data (also known as localised proteomic or toponomic data) from cancerous and normal tissue specimens in order to begin to infer protein networks and unravel the cellular heterogeneity at molecular level.

In addition to this, she worked on developing a spatial model for the healthy and cancerous colonic crypt architecture, which can be used to validate and objectively compare a wide variety of image analysis frameworks for both multiplex immunofluorescence imaging and digital histopathology. In May 2016, Dr Kovacheva took up a Research Fellowship at the Institute of Cancer Research. More information about Dr Kovacheva's research can be found on page 70.





Dr Thomas Machon
 Department of Physics and
 Centre for Complexity Science

Dr Machon works in theoretical physics, applying ideas from geometry and topology to problems in soft condensed matter physics. His PhD work extended the homotopy theory of defects in nematic and cholesteric liquid crystals to give a global understanding of exotic structures in these systems, such as knots and links, as well as establishing a more general theory of defects in chiral systems.

During his Fellowship Dr Machon worked on extending many of these results and on understanding singularities and solitons on minimal surfaces. In May 2016, Dr Machon took up a Postdoctoral position at the University of Pennsylvania.



Dr Alex Marsden
 Department of Physics

Technology is in a relentless rush to get smaller, a fact that we can see in many devices that we use in our daily lives. However, the materials we have used place limits on this shrinking. Recently materials that are only a single atom thick have been discovered, isolated and measured.

Dr Marsden's research investigates how one of these two dimensional materials, graphene, interacts with metals, atoms and molecules to support its incorporation into the next generation of technologies. More generally now, his research is focussing on the production and incorporation of the wider family of 2D materials that have since been discovered. To do this, Dr Marsden took up a Postdoctoral position at the University of Manchester in February 2016.



Dr Chris Maughan
 Department of English &
 Comparative Literary Studies

Dr Maughan's doctoral research focused on the cultural representation of environmental activism in contemporary literature, film, and journalism, with a particular emphasis on food systems.

Since submitting his thesis, he has been working to increase this focus by conducting research into how local food systems, especially community gardens and other forms of community supported agriculture, are understood in times of environmental and social crisis. Alongside his academic work, Dr Maughan has six years' experience organising and participating in community gardens across the UK. In June 2016, Dr Maughan took up a postdoctoral position at the University of Coventry.





Dr Max Newbert
School of Life Sciences

Dr Newbert's area of research is the investigation of Turnip yellows virus (TuYV) and its interactions with *Brassica napus* (oilseed rape) along with wild reservoir plants. TuYV can reduce *Brassica* crop yields by up to 65% without any obvious symptoms.

During the course of his research Dr Newbert uncovered many novel hosts, interactions and several distinct TuYV species within Europe. Information gained from this work will be instrumental in producing durable TuYV resistance, in turn increasing yields and food security. In September 2016, Dr Newbert secured the position of Senior Field Technical Manager at Syngenta.



Dr Hidefumi Nishiyama
Department of Politics &
International Studies

Dr Nishiyama's doctoral thesis scrutinises the historical relations between racism and biometrics in Japan from the colonial period to the present. Adopting Foucault's historical method, it analyses the interplay between discourses on race and practices of biometric identification, and articulates historical transformations of the biopolitical strategy of control-subjection of race.

The preliminary findings of his thesis have been published in the leading international and interdisciplinary journal *Environment and Planning D: Society and Space*. He has also published a book chapter on the exceptional politics of maritime borders in post-9/11 Japan, which was derived from his MSc dissertation. Dr Nishiyama's research interests lie in cross-cultural and interdisciplinary approaches, particularly the intersection of Japanese modernity and critical theories of global politics.



Dr Emma Parfitt
Department of Sociology

Dr Parfitt's research explores whether young people's emotions and behaviour are empowered or constrained by story. She is interested in using oral storytelling as a means of providing insights into the emotional and behavioural dimensions of young people's lives. Young people's experiences of emotions and behavioural management have the potential to inform debates about what is essential to improve educational experience in policy and practice.

During her Fellowship, Dr Parfitt also worked on a large storytelling project sponsored by the Institute of Advanced Teaching and Learning.





Dr Tobias Pforr
Department of Politics &
International Studies

In his research, Dr Pforr explores how economic ideas and practices are produced, reproduced, and transmitted, how these have changed over time and what methodologies can be used to study these issues.

He is particularly interested in how different kind of knowledge claims become considered as common-sense and authoritative. As such, his research tries to bridge understandings of expert knowledge and popular understandings. In October 2016, Dr Pforr took up a Teaching Fellowship in the Department of Politics and International Studies.



Dr Martina Piperno
School of Modern Languages & Cultures

Dr Piperno's primary research questions address issues of perception and representation of time - with specific reference to the dichotomy ancient-modern - and temporality in occasion of revolutionary and/or traumatic events. Her PhD thesis was dedicated to Italian and European post-revolutionary culture (1816-1848), but she also dedicated some attention to case studies related to the impact of WWII.

Her research has driven Dr Piperno to explore the legacy of Giambattista Vico's work in post-revolutionary and post-war readers (including Giacomo Leopardi and Carlo Levi). She is interested in any aspect of global nineteenth century culture, philosophy of history and reception of the ancient.



Dr Emanuelle Santos
Department of English &
Comparative Literary Studies

Dr Santos' PhD thesis titled *Late Postcoloniality: State, Violence and Wealth in the Literatures of early 21st Century Portuguese-speaking Africa* consists on a comparative study of the contemporary literatures of Angola, Cape Verde, Guinea Bissau, Mozambique and São Tomé and Príncipe, enquiring the ways in which their postcolonial experience has been shaped by their 21st Century fiction.

Considering these societies' aftermaths of independence, the research promotes both a comparative assessment of current pathways of national discourses in literature, as well as a critique of postcolonial theory, as it points to the need of supplementary theoretical tools to analyse situated realities of contemporary postcolonies. More information about Dr Santos' research can be found on page 70.



Dr Nicholas Taylor
Department of Politics & International Studies

Dr Taylor's research focuses on historical and contemporary perspectives on poverty and unemployment in liberal and neoliberal Britain. His doctorate looked at the transition to neoclassical economics from classical political economy and the development of understandings of unemployment among policy-makers in the late 19th century and early 20th century, as well as the contemporary era of 'welfare-to-work'.

He holds an interest in the political economy of work and labour and has published articles on theorising different forms of labour within comparative capitalisms research. In October 2016, Dr Taylor took up a Research Fellowship at Goldsmiths University.

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There is a paradox at the heart of work today and our attitudes towards it. When surveyed, the majority of people state that they feel either not engaged or actively disengaged from their jobs. Yet our jobs have also become not just something that we do but something that we are, compounded by the reach of work into every part of our lives and the compulsion to be hyper-employable. Equally, practices designed to boost employee wellbeing and foster happy, enterprising workers might be contrasted with increasingly powerful forms of surveillance and control in the workplace, as well as ready abandonment in a world of often 'barely there' employment protections. Too often employment is seen as merely something you have or don't have? Public and expert debate needs to focus instead on the quality of work and meaningful solutions to the above contradictions.



Dr Alison Struthers
Law School

Dr Struthers' principal research area is Human Rights Education (HRE) at both the domestic and international levels. Her PhD considered whether England is complying with its international legal obligations regarding the provision of HRE and drew upon qualitative and quantitative empirical research with primary teachers across England to explore why they are not currently educating effectively in this area.

Dr Struthers is also a project manager for the Centre for Human Rights in Practice. This has involved her carrying out research with each of the Scottish universities currently providing teacher training to determine how HRE could best be incorporated into their degree programmes. In September 2016, Dr Struthers was appointed Assistant Professor in Warwick Law School. More about Dr Struthers' Fellowship can be found in her report on page 86.





Dr Emilie Taylor-Brown
Department of English &
Comparative Literary Studies

Dr Taylor-Brown completed an interdisciplinary PhD investigating the bi-directional dialogue between Parasitology and the British Literary Imagination between 1885 and 1935. Her doctoral work sought to examine the impact that increasing knowledge of parasitic disease had on cultural understandings of British imperialism and national identity in the late nineteenth and early twentieth centuries.

She has published in the *Journal of Literature and Science*, has chapters in two edited collections and is first author of a biology review article published in *Parasites and Vectors*. Her post-doctoral research is concerned with the concept of replication, the use of parasitic frameworks in late nineteenth century psychoanalysis and the intersections between narrative and medicine. In October 2016, Dr Taylor-Brown took up a Research Fellowship at the University of Oxford.



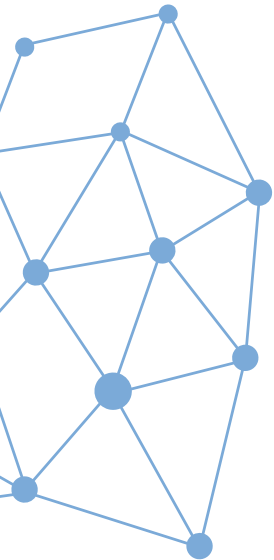


Success from the Institute's Global Research Fellows

Since 2012 the Institute has awarded 16 Global Research Fellowships, providing up to five-year contracts.

The purpose of this Fellowship scheme is to attract postdoctoral researchers of the very highest calibre and to accelerate their careers. The fellows represent all four faculties of the University and embody the commitment of the Institute to interdisciplinarity and international research.

These prestigious appointments combine extended time to pursue the best research and advanced career training, together with the resources to achieve global mobility. Fellows are provided with resources to visit global partners and convene major symposia that allow them to engage with the international academic community. Several of the fellows have moved on since the inauguration of this highly successful scheme, with seven still completing the programme.





Dr Paul Chleboun
Mathematics Institute

During his Global Research Fellowship, Dr Chleboun developed new techniques at the forefront of modern applied probability, statistical physics and computer science. He studied models of identical particles which undergo random motion, with particular interest in phenomena known as metastability and glassy dynamics. These models can represent particle motion in gases, liquids or glasses, cars on a motorway, or units of wealth/money distributed among traders, and therefore have many applications across physics, social sciences, and biology.

Dr Chleboun is now Assistant Professor in the Department of Statistics, University of Oxford.



Dr Madeleine Fagan
Department of Politics &
International Studies

Dr Fagan's research lies at the intersection of international politics and contemporary political theory. She engages with the broad theme of the politics of ethics: the ways in which different understandings of ethics can be used to justify political decisions and practices. Her current research explores this ethical theory in the context of the Anthropocene and apocalyptic narratives of climate change. In particular, she seeks to examine how different imaginings of apocalyptic scenarios reveal common assumptions about the relationship between ethics, time, subjectivity and political community.

In October 2016, Dr Fagan was appointed Assistant Professor in the Department of Politics & International Studies, University of Warwick.



Dr Vaibhav Gadre
Mathematics Institute

Dr Gadre is interested in geometry, topology and dynamics. He specialises in the study of geometric structures on orientable surfaces, specifically in the field of hyperbolic geometry, Teichmüller theory and mapping class groups. During his Global Research Fellowship, Dr Gadre worked on several research projects. These included investigations into the statistical properties of random geodesics in the settings of hyperbolic geometry and Teichmüller theory and investigations into the coarse geometry of the complex of curves.

In January 2016, Dr Gadre was appointed Lecturer in the School of Mathematics & Statistics, University of Glasgow in January 2016.





Dr Tara Puri
Department of English &
Comparative Literary Studies

Dr Puri is an expert in Victorian women's periodicals, as well as women's print culture in India at the end of the 19th and early 20th centuries. During her tenure at the Institute, she investigated the woman's magazine in Britain and India in the mid-to-late nineteenth century, analysing English women's magazines and their impact on constructing domestic ideology, and following these magazines to India to explore the influence on emerging Indian women's magazines.

Dr Puri joined the Department of English at the University of Bristol as a Lecturer in January 2016.



Dr James Sprittles
Mathematics Institute

Dr Sprittles' expertise is in the modelling and computational simulation of technologically-relevant flows such as coating, drop dynamics, jetting, flow through porous media, etc. This has led to a number of collaborations, on various levels, with industrial partners such as Kodak European Research and Bell Labs. He has focussed on flows with complex interfacial effects, which are particularly relevant in the emerging fields of nano- and microfluidics, where surface forces control a liquid's flow characteristics. Recently, he has become increasingly interested in the microscopic aspects of such flows, in collaboration with a micro/nanoflows group.

In March 2016, Dr Sprittles joined the Mathematics Institute, University of Warwick as an Assistant Professor.

Cara Fellowships

The Institute has been part of the Cara Scholars At Risk Universities Network since 2008. Through this scheme, Warwick supports academics from across the globe who are unable to continue their work safely where they are currently established.

Through the Cara Programme the Institute offers PhD scholarships and Visiting Fellowships to academics identified to require refuge in order to continue their work. Recently we have been able to help researchers from Eritrea, Iraq, Kenya and Syria. More information about Cara can be found at www.cara.ngo.



Warwick Interdisciplinary Research Leaders COFUND Programme

The Institute of Advanced Study was recently awarded €2 million from the European Commission's Marie Skłodowska-Curie COFUND scheme. This funding will be matched by the IAS to create 30 new postdoctoral fellowships over the next five years.

The experience at the IAS shows that Research Leadership is greatly enabled through close mentoring, international collaborations and the opportunity to build an independent research profile within the first five years of post-PhD research. In its first decade, the Institute has hosted a well-established researcher development programme, delivering complementary skills training to early career researchers. The Warwick Interdisciplinary Research Leadership Programme (WIRL) will be a major step forward in Warwick's Postdoctoral training practices and

will expand the current UK-centred programme into one with a pan-European focus and global reach.

The WIRL fellowship programme will build on the successful training model developed in the Institute's other Fellowship schemes and will allow Fellows to undertake a significant piece of research linked to the Warwick Global Research Priorities (GRPs) in order to establish their own independent research profile. Alongside this they will participate in an extensive training programme aimed at supporting a future research career and will receive support and guidance from a dedicated academic mentor. Fellows will also have the opportunity to undertake secondments to other organisations able to support their research both in the UK and overseas.

By bringing together early career researchers from around the world into an interdisciplinary research environment, WIRL will allow Fellows to develop their skills and gain the experience required to become Research Leaders in their fields.

The first call for WIRL Fellowship applications closed in December 2016 and the assessment process is now underway, with first cohort of nine fellows due to start in September 2017 and further calls due over the next three years.

Find out more at
www.warwick.ac.uk/wirl







Funding & Academic Projects

The Institute supports Warwick academics by targeting three key stages of the research process as well as funding a range of Vacation Schools. In 2015-16 the Institute supported 25 projects.

- **Developing Ideas** provides a forum to explore emerging research concepts, partnerships and 'blue sky' topics and offers a number of mechanisms to scope and test out initiatives at the embryonic stage of development. Support is given to host meetings, networks and external collaborators to address exploratory, interdisciplinary research ideas.
- **Advancing Grants** provides resources to bring together collaborators in the process of developing a specific funding proposal that addresses an interdisciplinary research question. The funding proposal usually involves either a major UK consortium and/or international partners, led by a Warwick-based academic.
- **Delivering Results** supports research related public-engagement, impact, project continuation plans and further collaborative initiatives, which frequently emerge from core independent and funded research. This scheme provides the opportunity to pursue additional research activities and develop new outputs from interdisciplinary projects.
- **Vacation Schools** deliver research-orientated residential workshops geared toward early career researchers. In supported schools, training is focused on specific research questions, methodologies and themes, ranging beyond a single discipline or department. Vacation Schools host Warwick-based PhD students and postdoctoral fellows as well as early career researchers drawn from a wider national or international pool and in all cases are designed to enable attendees to gain new understanding of emerging fields of scholarly analysis in dialogue with a team of more senior researchers, including both Warwick staff and external academics and experts.

Developing Ideas

Warwick Neuroscience Network

1 January - 31 July 2016

Awarded £1000

Dr Magnus Richardson (Systems Biology Centre), Professor Thomas Nichols (Warwick Manufacturing Group and Department of Statistics), Dr Yulia Timofeeva (Department of Computer Science), Dr Mark Wall (School of Life Sciences) & Professor James Tresilian (Department of Psychology)

The University of Warwick has a significant population of researchers working in the neurosciences; however, they are spread across many departments including engineering, life sciences, mathematics, medicine, physics, psychology and systems biology. The aim of setting up this network was to bring researchers together and raise awareness of the range of neuroscience research taking place at the university and foster collaboration and joint grant applications (particularly between experimental neuroscientists and theorists) and to raise the external profile of Warwick Neuroscience.

Following preliminary discussions with the applicants there were three events held. The first was an internal meeting to bring together neuroscience researchers. Then the neuroscience researchers ran two one-day workshops with Warwick speakers and external speakers. Alongside these activities, the network ran monthly neuroscience days. The network increased interaction in the neurosciences on campus, leading to collaborative applications for external

funding and a significantly raised profile of the University of Warwick's neuroscience research through conferences and seminars featuring invited external speakers. This project has been further supported by the IAS in the 2016-17 academic year.

Poverty Research Network

2015-16

Awarded £1000

Professor Anne Gerristen, Dr Julia McClure, Dr Andrew Jones (Department of History), Professor Shirin Rai (Department of Politics & International Studies)

This newly-founded network brought together scholars who work on the broad themes of poverty and social justice, with the aim of providing a forum for discussion and collaboration on different approaches to poverty research, and develop tangible connections between this broad research activity and contemporary issues and debates.

Two events were held during the 2015-16 academic year, addressing how poverty is defined and scrutinised in an interdisciplinary context and the global concept of poverty. The Network was successful at securing funding from the AHRC International Networks scheme for activities in 2017-19.

Developing Research Questions On Emotions Within Caring Professions

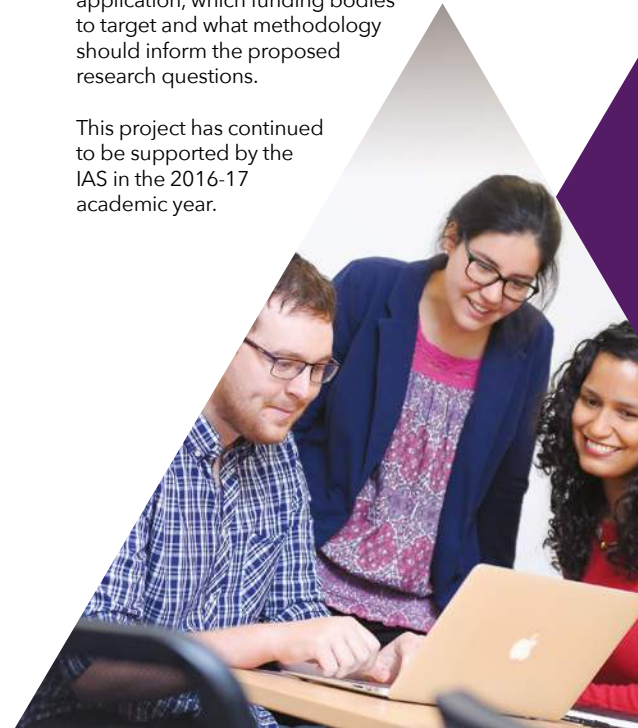
16 May 2016

In-kind contribution

Dr Sarah Cousins (Centre for Lifelong Learning), Dr Stephanie Tierney (Royal College of Nursing Research Institute)

This speculative meeting established an interdisciplinary group of local academics and professionals who focus on emotional aspects of paid work that involves caring for others (e.g. children, patients, and older people). The meeting addressed what the key research gaps in this area of emotions are that will underpin a funding application, which funding bodies to target and what methodology should inform the proposed research questions.

This project has continued to be supported by the IAS in the 2016-17 academic year.



Researching Migrant Middle Eastern Children's Identity Formation

2016-17

Awarded £790

Dr Michael Wyness (Centre for Education Studies), Dr Monireh Partovi (University of Cambridge), Dr Annamaria Pinter (Centre for Applied Linguistics)

The aim of this network is to develop the capacity to carry out a piece of research drawing on the expertise and support of a range of stakeholders. These include researchers working on migration within the University of Warwick, heads of community organised schools in Coventry and London and community leaders involved with refugee and migrant children. The network will strengthen a bid for an ESRC standard grant and facilitate the early stages of pathways to impact.

The proposed research project will investigate the identity formation of groups of first and second generation migrant children from Iran and Syria. It will explore their sense of identity in terms of the opportunities and challenges they encounter negotiating their 'home' culture while establishing themselves within the host country. Through this network a half-day meeting of the research team and stakeholders has been organised.

Academic Mobilities and Immobilities Network

2016-17

Awarded £1500

Dr Emily Henderson (Centre for Education Studies), Dr Heike Behle (Institute for Employment Research), Dr Stephanie Schnurr (Centre for Applied Linguistics), Dr Charoula Tzanakou (Department of Politics & International Studies)

Academic mobility is a topic of growing importance in the higher education policy landscape. As the status of international university rankings grows in the international higher education marketplace, universities are facing ever-growing pressure to collaborate across national borders and regional systems. This network brings together academic and non-academic staff from Warwick who are working in the area of academic mobility and immobility. The network brings together different strands of mobility research in order to produce a more connected and holistic view of academic mobility. The Network will be active during the 2016/17 academic year.



Advancing Grants

Value-Based System For Pedagogical Space Management

1 January - 11 April 2016
Awarded £2500

Dr Alexandra Cristea, Dr Mike Joy, Dr Jane Sinclair, Dr Jonathan Foss (Department of Computer Science), Emma King (Learning and Development Centre) and Professor Thomas Hills (Department of Psychology)

Learning today takes place in a context of new interactions between formal and informal learning, the changing role of teachers, the impact of social media and the students' active participation in the design of learning activities. The challenge is to create an innovation ecosystem that will facilitate open, more effective and efficient co-design, co-creation and the use of digital content, tools and services for personalised learning and teaching.

The Institute funded two meetings to develop a proposal to Horizon 2020 on value-based systems for pedagogical space management in an open and adaptable learning and working environment. Being able to organise a face-to-face meeting allowed the researchers to have more in-depth discussions about the proposal and its intended outcomes.

Psychological Drivers Of Radicalisation

June - July 2016
Awarded £1850

Dr Vivek Furtado, Professor Swaran Singh (Warwick Medical School), Dr Allan Seppänen (Helsinki University Hospital), Professor Hans Joachim Salize (Central Institute of Mental Health, Germany), Dr Thomas Rinne (Instituut voor Forensische Psychiatrie en Psychologie, Netherlands)

The area of radicalisation research and psychological drivers behind radicalisation is of utmost significance. The recent violent incidents in Paris and Nice further highlight the need to identify risk and resilience factors for radicalisation and psychological drivers for radicalisation. This area is currently under-researched and the limited research that has been conducted is not available in the public domain, preventing critical analysis and peer review. It is unknown whether interventions currently in place with the goal of reducing radicalisation do more harm than good leading to further alienation of communities.

A large partnership consisting of internationally recognised EU collaborators formed in response to a Horizon 2020 call relating to psychological drivers of crime and terrorism. The Institute funded international partners to visit Warwick and build on the initial collaboration with our various EU and UK partners. This provided an opportunity for a face-to-face meeting and co-ordination in order to further develop the application looking at psychological drivers of radicalisation.

Gamification / Playful Cities

February - April 2016
Awarded £245

Dr Nerena Calvillo (Centre for Interdisciplinary Methodologies)

Gaming, gamification and its scope in technology transfer through small scale experiments on developing and validating open gaming technologies is the subject of a recent Horizon 2020 funding call. A consortium of academic and industrial partners from across Europe has formed, with Warwick providing expertise in games functioning as cultural spaces and the production of urban cartographies as a means to engage with the environments. The Institute funded a meeting, held in the Netherlands, to scope out and draft an application to the Horizon 2020 call. This allowed international collaborators to meet face-to-face during the writing of this proposal.



Delivering Results

Performing **CRACKED** at the Scottish Mental Health Arts and Film Festival 2015

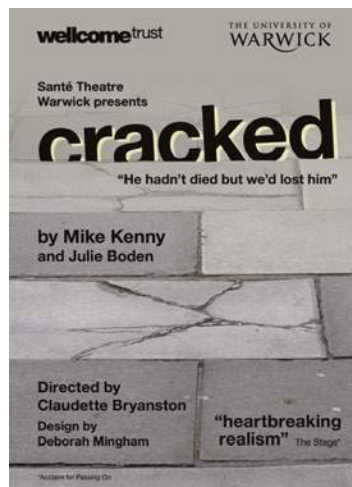
25 October 2015

Awarded £2500

Professor Swaran Singh, Professor Emeritus Gillian Hundt, Dr Anne Marie Slowther (Warwick Medical School), Dr Christine Harrison (Centre for Lifelong Learning)

CRACKED is the fourth production of Santé Theatre Warwick, which specialises in developing and performing theatre from Warwick research. The research on which the play is based was undertaken by Professor Singh and his team through a National Institute for Health Research ENRICH (Enabling Research in Care Homes) programme grant. The research focused on the different help seeking pathways of young adults with a first episode of psychosis from different ethnic backgrounds. The play was developed with Higher Education Innovation Funding and toured the Midlands supported by a Wellcome Trust People Award. Funding from the Institute allowed Santé Theatre Warwick to travel to Platform Arts - a major community arts venue in Glasgow - and perform CRACKED as part of the Scottish Mental Health Arts and Film Festival in October 2015.

The play was performed with a youth ensemble of young adults who worked for two days with the cast. Many of the young adults involved had experience of mental health issues in their families and shared these with each other.



A Secular Perspective on Religion in British Public Life

8 March 2016
Awarded £1100

Dr Steven Kettell (Department of Politics & International Studies)

The role of religion in the public sphere is one of the most contentious and far-reaching issues facing Britain in the 21st Century. Its influence is felt across a wide range of cultural, social and public policy arenas, including high profile (and often controversial) debates around bioethics, social cohesion, terrorism, same-sex marriage, freedom of speech, education and religious liberty. On 8 March 2016, a number of experts and activists on secularism, including representatives from the leading secular campaign groups in Britain (the British Humanist Association and the National Secular Society) gathered at Warwick to attend the Secularism in Britain Workshop, funded by the Institute.

The purpose of the workshop was to generate a report entitled: *A Secular Response to the Commission on Religion and Belief in Public Life*. This serves as a critical counterweight to an earlier report published by the Commission on Religion and Belief in British Public Life, which did not give sufficient weight to secularist views and voices. The new report provides a vital contribution to general public debate, is of value to other user groups and scholars working in this area and will provide a useful resource for policymakers. The workshop also helped to foster and consolidate collaborations between scholars in politics, society and religion, and members of key secular campaign organisations.

Bringing the World to King Lear

16 November 2015
Awarded £1100

Dr Paul Prescott (Department of English & Comparative Literary Studies and Global Shakespeare), Professor David Schalkwyk, Dr Katherine Hennessey (Global Shakespeare) & Tim Supple (Dash Arts)

In June 2015, Warwick hosted acclaimed theatre director Tim Supple of Dash Arts as he led a series of dramatic workshops on King Lear, to which he invited 12 outstanding actors from around the globe. These workshops represented the first step towards the creation of a multilingual, multicultural production of Shakespeare's play, which Supple plans to stage in 2017. During these workshops, Warwick's Global Shakespeare documented the actors' work and interviewed them about their careers.

The results of these workshops were disseminated to the public as part of the Being Human festival in November 2015. The event, funded by the Institute and hosted at the Toynbee Studios in London, included screening of an original 15-minute documentary created using footage from the King Lear workshops, a panel discussion which explained the activities and significance of the workshops, and a Q&A with participants. The public event demonstrated the interest of the general public in learning about the larger Warwick-based King Lear workshop project and has aided in its continuing expansion.



The Luxury and Innovation Hub

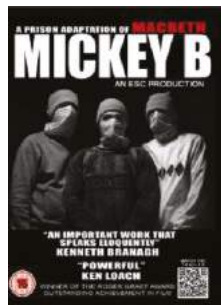
March 2016 - July 2017

Awarded £2450

Professor Qing Wang (Warwick Business School), Professor Giorgio Riello (Department of History / Institute of Advanced Study), Professor Derrick Watson (Department of Psychology), Professor Darren Dahl (University of British Columbia), Professor Paurav Shulka (Glasgow Caledonian University, London), Professor Xinyue Zhou (Sun Yat-sen University), Candy Li (Ogilvy & Mather), Simon Petherick (House of Britannia), Diana Footit (Artemis Associates)

Over the course of the Leverhulme-funded Luxury Network, Warwick has become well known in the new interdisciplinary field of Luxury Studies. The Luxury Hub continued from this strong position and aided the development of new research projects. The hub allowed international scholars to engage with Warwick's research into Luxury, strengthen industry collaborations that developed through the Luxury Network and provided a platform for generating future collaborative projects.

The Luxury Hub hosted discussions, workshops and a forum on the national denomination of luxury both on campus and at The Shard throughout 2016, with the programme of events continuing in 2017.



Shakespeare in Prison: Mickey B in Warwickshire

8 March 2016

Awarded £900

Dr Paul Prescott (Department of English & Comparative Literary Studies and Global Shakespeare), Sheila Cananagh, Katherine Hennessey (Global Shakespeare) & Tom Magill (Educational Shakespeare Company)

Film director and Prison Shakespeare advocate Tom Magill visited Warwick to screen and discuss his cinematic adaptation of Macbeth - *Mickey B*. This piece, filmed and performed by inmates and prison staff at correctional institutions, explores the potential of Shakespearean performance to promote cooperation, self-reflection and rehabilitation among people serving prison sentences. Magill's work forms part of an increasingly visible sub-culture referred to as 'Shakespeare in Prison' which has inspired documentary films, scholarly monographs and public debate.

Events were held both on campus - as part of the Global Shakespeare curriculum - and in a Warwickshire prison, where Magill gave a presentation to and held a discussion with a packed audience of serving inmates at the prison library. While at the prison Magill gave an interview which has been broadcast several times on NPR (National Prison Radio).





Banning Pleasure: Psychoactivity & the Law

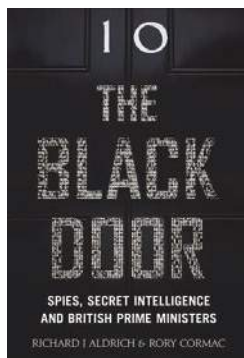
17 May 2016
Awarded £2800

Dr Susannah Wilson, Dr Oliver Davis,
Dr Rebecca Powers (School of Modern
Languages & Cultures)

In January 2016, Parliament passed the Psychoactive Substances Act, effectively banning the use of all products which affect the central nervous system, except those which have been explicitly exempted. For the most part, this law has been portrayed as a pragmatic solution to the growing menace of synthetic cannabinoids and other 'legal highs' which have evaded existing drug laws. However, Parliament has failed to listen to a small but important group of voices

opposing the ban on the basis of historical and scientific evidence, including their own advisors.

In May 2016, a discussion of the Psychoactive Substances Act with scientists and culinary experts was held alongside talks from scholars of pharmacology and neuroscience, activists and policy makers, in the public event Psychoactive Supper, co-sponsored by the Institute and the Arts & Humanities Research Council. During the event, foods and drinks with known psychoactive effects (e.g. walnuts, nutmeg, passion fruit etc.) were served, which, along with the presentations from the invited speakers, stimulated discussion of the notion of psychoactivity. The event achieved a high level of attention from the national media and raised the profile of humanities research in the UK.



The Constitutional Control of Technical Surveillance, 1936-45

June 2016
Awarded £826

Professor Richard Aldrich (Department of Politics & International Studies), Brave New Media

In April 2016, Professor Aldrich co-authored a book on the interaction between Downing Street and the security agencies entitled *The Black Door*. As prime ministerial power is of considerable public interest this work has been commissioned as a one-off television programme on the constitutional control of intelligence between 1936 and 1945. The Institute funded Professor Aldrich to travel to the Hoover Institute at Stanford to inspect the Kenneth de Courcy papers and meet with Deborah Barger from RAND - a think-tank based in Santa Barbarato - to collaborate on the creation of a handbook that offers advice on ethical cyber security governance and training for governments in the global south (ODA list).

Vacation Schools

Behavioural Science

30 June - 2 July 2016
Awarded £10,000

**Dr Daniel Sgroi, Dr Eugenio Proto
(Department of Economics), Dr Ganna
Pogrebna (Warwick Manufacturing Group)**

The Centre for Competitive Advantage in the Global Economy, in collaboration with the Institute of Advanced Study and Warwick Manufacturing Group, held an exclusive three-day Behavioural Science Summer School, attached to the Foundation of Utility and Risk Conference. Apart from many exciting talks, the event featured a Nudgeathon™ event where Early Career Researchers worked on a real-world behavioural change intervention. The winning group (Quiz Takeover) received a monetary prize of £500 and received an opportunity to implement their proposed solution in practice in collaboration with HATDeX (www.hatdex.org) – a company which tries to educate individuals about the value of their personal data.

As a result of the school, 36 Early Career Researchers received valuable knowledge in behavioural science and the opportunity to use this knowledge in practice. The Nudgeathon™ event produced a problem brief and 4 possible solutions. One of these solutions was selected by a professional panel to be implemented in practice in collaboration with a real-world company. Therefore, the School will continue generating impact even after its completion.

Rethinking the Senses

11 - 15 July 2016
Awarded £7000

**Professor Matthew Nudds, Dr Alisa
Mandrigin (Department of Philosophy)**

Our sensory perceptions inform us about the world, about ourselves and about others. They underpin our thoughts, learning, memory and plans for action. Perception is thus a key topic for philosophers of mind, psychologists and cognitive neuroscientists. Recent scientific findings call for radical revisions to our traditional philosophical and scientific conceptions of how it is that we are aware of ourselves and experience the world around us. In particular, we have evidence that sensory processing is largely multisensory. However, as of yet, there is no agreed upon unified framework to account for this flood of new results.

This summer school constituted the culmination of a three year Arts & Humanities Research Council funded project Rethinking the Senses (thesenses.ac.uk), which has brought together leading experts from philosophy, psychology and neuroscience to investigate multisensory perception and to develop new interdisciplinary ways of working. The summer school provided a unique opportunity for members of the project and their collaborators to work with Early Career Researchers in philosophy, psychology, and neuroscience, from Warwick and elsewhere, and provided specialist training in the new interdisciplinary field of multisensory perception.

Competitive Advantage in the Digital Economy

28 - 30 April 2016
Awarded £11,532

**Professor Irene Ng, Phil Davies (Warwick
Manufacturing Group)**

CADE2016 (previously held in 2014 and 2015) was a three-day event held in Venice, which brought together 30 Early Career Researchers, academics and practitioners to discuss markets, big data and digital currencies. Thought leaders from Business Administration, Data Science, Economics and Engineering gathered to share their thoughts on the digital economy. More information on the Vacation School can be found in Phil Davies' report on page 88.



Performing Politics/Politicising Performance

11 - 15 July 2016
Awarded £7000

Dr Milija Gluhovic, Dr Silvija Jestrovic (School of Theatre, Performance and Cultural Policy Studies), Professor Shirin Rai (Department of Politics & International Studies), Professor Andrew Williams (Law School)

This summer school focused on ways in which interdisciplinary approaches, combining Theatre and Performance Studies, Politics, Law, History, and Philosophy, can be utilised to understand performance paradigms behind various aspects of the political, from contemporary cultures and forms of dissent to their appropriations within the practices and vocabularies of the mainstream politics. Problematizing urgent global issues—such as human rights laws and practices, refugee crises, exile and citizenship, tensions between secularism and religion and environmental issues – it explored ways in which they have been framed, represented and performed through political rhetoric, media rendering, artistic and cultural forms, and embodied practices of both politics and everyday life. This Summer School included, but also deliberately looked beyond, the Anglo-European context, foregrounding the ways in which connections between and among national and transnational phenomena,

regions of the global North and South, and postcolonial and imperial nations shape contemporary debates in both politics and performance.

Advanced Simulation Methods for Molecules and Materials

26 - 30 September 2016
Awarded £4550

Dr Scott Habershon (Department of Chemistry), Dr James Kermode, Dr Peter Bromme (Department of Engineering/ Warwick Centre for Predictive Modelling), Dr David Quigley (Department of Physics / Centre for Scientific Computing), Dr Nicholas Hine (Department of Physics)

Over the last five years, Warwick has built up an impressive critical mass of research teams which use state-of-the-art computer simulations to investigate the properties of molecules and materials. The interdisciplinary nature of computational science at Warwick, as well as the disparate backgrounds of Early Career Researchers, means that opportunities to provide broader awareness of simulation methodologies and application areas are currently missing from training. This summer school provided a “crash course” in simulation methodologies through both theoretical and practical sessions led by local and external experts.

Principles and Practice of Data Analysis for Reproducible Research in R

26 - 30 September 2016
Awarded £8725

Professor David Firth (Department of Statistics), Professor Tak Wing Chan (Department of Sociology)

The R software ecosystem is currently the most widely used platform for advanced data-analytic research across all disciplines. R was originally developed by statisticians but is now influential across all of science, social science and the humanities, with many user-contributed R packages having been published for field-specific types of data and analysis.

This intensive course brought together Early Career Researchers (including PhD students) from across Warwick who wish to learn about key principles of modern Data Science and details of their application in R.





Institute Activities

As well as supporting a range of fellowship and projects run by Warwick academics, the Institute hosts two major activities: The *Exchanges* Journal and the Annual Symposium.

The Institute Online

In October 2015 the Institute launched its new website www.warwick.ac.uk/ias. This streamlined site replaced the old webpages and includes biographies of all of our fellows, details of all of our events and activities, information about our funding schemes and details of our facilities and staff.

The Institute also runs a successful twitter account (@IASWarwick) and facebook page (www.facebook.com/IASWarwick). We are currently followed by over 2000 researchers, academics and departments from across the world.

In the 2015-16 year the Institute has upgraded its quarterly newsletter to an online format. This allows for the inclusion of multimedia items and a more interactive experience. You can sign up to the Institute's newsletter at bit.ly/2f0R5Lm. All our newsletters can be found at www.warwick.ac.uk/ias/news/newsletter.



Exchanges: The Warwick Research Journal

Senior editor Dr Yuexi Liu



Background

Exchanges is the University's open-access, peer-reviewed online journal dedicated to the publication of high-quality interdisciplinary work by researchers in any field. The journal was launched in October 2013 and now publishes two issues a year, in October and April. The journal represents a collaboration between the IAS and the University of Warwick Library, bringing together the IAS' commitment to supporting cutting-edge interdisciplinary research with the library team's skills and expertise in open access journal publishing software.

Highlights for 2015/16

- 'In Conversation' series featured Professor Michael Levitt (Chemistry), Professor Martin Hairer (Mathematics), Professor Alex Callinicos (European and International Studies), Professor Martin Stannard (English), Professor Joshua Knobe (Philosophy), and Professor Jack Zipes (German and Comparative Literature).
- Articles included 'Myths of Male Same-Sex Love in the Art of the Italian Renaissance', 'Palestinian Refugees: A Gendered Perspective', 'Anorexia and Its Metaphors', 'Modelling and Simulations of a Narrow Track Tilting Vehicle', 'Security Sector Reform - Limitations and Prospects of the Scholarly Debate', and 'Participatory Development: A Tool of Pedagogy'.
- Themed sections included 'New Approaches to Theatre and Performance Studies', 'Sensory Experience in Ancient Rome', and 'Shakespeare 400'.

"Every year Exchanges continues to grow in reputation as a peer-reviewed, open access, interdisciplinary journal. This is evidenced by the large number of high-quality submissions we continue to attract. The October 2016 edition includes articles from a range of disciplines, and all of the articles published in highlight the importance of breaking down traditional disciplinary boundaries."

Exchanges Editorial Boards,
Forward, Exchanges volume 4 (1)



Exchanges: the Warwick Research Journal



Open Access

Now listed in the Directory of Open Access Journals, with a growing international readership, the journal is establishing itself as a unique publishing platform for interdisciplinary research that bridges the historic divide between the sciences and the humanities. The importance of such an open access, online journal is becoming increasingly evident, as scholars are starting to engage differently with published research both in how they search for articles as well as what they expect from them.

Supporting Early Careers

The Exchanges team are committed to supporting early career researchers; by publishing with Exchanges they receive detailed guidance and support through the peer review process, ensuring all authors receive feedback. In addition, early career researchers are invited to join the editorial board. This unique opportunity enables our postgraduates and postdoctoral researchers to play an active role in shaping the future of the journal and potentially influence the publishing community more broadly.

To date, the editorial board has consisted of early career researchers from a wide range of disciplinary areas. The diversity of interests and perspectives on the editorial board is important for the process of bringing research to a wider audience and helping these early career researchers to see the benefits of such an ambitious multi-disciplinary platform.

Top Downloads

1. **Haughton, A. (2015).** Myths of Male Same-Sex Love in the Art of the Italian Renaissance. *Exchanges: The Warwick Research Journal*, 3(1). [1486 downloads]
2. **Prestidge, O. (2013).** Forêt de Guerre: Natural remembrances of the Great War. *Exchanges: The Warwick Research Journal*, 1(1), 16-34. [1018 downloads]
3. **Alexander, C. (2014).** Shakespeare and War: a reflection on instances of dramatic production, appropriation, and celebration. *Exchanges: The Warwick Research Journal*, 1(2). [916 downloads]
4. **Namballa, V. C. (2014).** Global Environmental Liability: Multinational Corporations under Scrutiny. *Exchanges: The Warwick Research Journal*, 1(2), pp. 181-205. [816 downloads]
5. **Cox, S. (2014).** Mimicking Bone - Chemical and Physical Challenges. *Exchanges: The Warwick Research Journal*, 2(1), 82-101. [715 downloads]



IAS Symposium 2016

On 19 and 20 May 2016, the Institute convened a two-day symposium, *Global Futures: Building Interdisciplinary Postdoctoral Research Careers*, aimed at the Early Career Researcher community at the University of Warwick, discussing current funding opportunities and the characteristics that 'ideal' Fellowship candidates possess.

At the point of applying for a Fellowship it is important to be able to evidence an excellent publication portfolio, the ability to win funding, national or international recognition, and teaching and committee work. Early Career Researchers need to consider how their current and future projects could benefit wider society, rather than focussing solely on academic impact.

By engaging with end users – from medical patients, to commercial customers, to school pupils – throughout research projects, academic work can be positively influenced by the consideration of and feedback from different non-academic groups, as well as benefitting the economy, environment and society.

When considering a funding application of any type, after determining the eligibility criteria are satisfied, it is important to remember that every funding scheme has a purpose. In the case of preparing a Fellowship application these are: the person – an outstanding candidate who demonstrates independence, commitment, originality and a track record of academic excellence; the place in which the Fellowship will be held – where the best and most appropriate facilities and support in a particular institution will be available; and the research project proposal – being ambitious whilst mitigating potential risks, showing scope for the development of new research skills,

and having concrete plans for the delivery of academic, societal and economic outputs.

The symposium was well received by the audience of 100 postgraduate and postdoctoral researchers. One attendee said, 'it was very useful to listen to people who succeeded in their academic careers. The most interesting and helpful theme for me as a postdoc was the one about writing Fellowship applications.'

Another attendee said, 'firstly, it made me focus on my potential academic career as a whole, rather than just thinking about my current research. Secondly, it has helped me to identify what areas I need to work on if I am to successfully apply for a Fellowship in the future.'

More information on this symposium can be found in the recently published article in *Exchanges: The Warwick Research Journal* (2016, 4 (1), 140-146) and at www.warwick.ac.uk/globalfutures.

Picture My Research Flash Talk Competition

Nine postdoctoral researchers from across all four University Faculties gave five minute talks, where they summarised the central argument to their research projects.

Each talk was supported by a single image. A panel of five judges convened to award a first and two runner-up prizes to the speakers that, along with giving an exemplary performance, spoke to the core aim of the Institute – namely championing interdisciplinary postdoctoral research.



Resilience: Opportunities and Barriers of Living in Extremes

Ana Raquel Nunes, Warwick Medical School

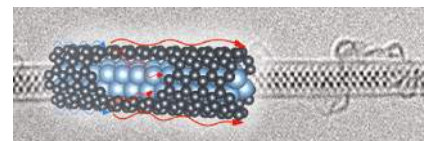
Human exposure to extreme events is becoming more frequent and severe. Extreme temperatures pose severe risks and impacts to human health. Individuals, communities and governments are being faced with the need to become more resilient in order to reduce their vulnerability and improve their ability to adapt now and in the future. My research focuses on the factors that shape general and specified resilience taking an interdisciplinary and holistic approach, and seeks to unveil the processes involved in the of 'construction' of resilience through opportunities and barriers. The links between resilience, vulnerability and adaptation are found to be essential in developing resilience-building strategies.



What Happened to You, Tomato?

Emine Erdogan, Department of Sociology

I found this 'sad' tomato while I was sorting the green and/or overripe tomatoes out from the production line of a tomato-processing factory in Turkey. If I had missed it, this tomato could have gone to Japan with its 'sad' face which was made by women workers of the tomato land, to make their long, difficult and low paid work slightly 'enjoyable'. This research has followed tomatoes and women's labour simultaneously from lands to homes and this photo was one of the best shots to show us the 'upsetting story' of their interaction in a new 'good for everyone' global food regime.

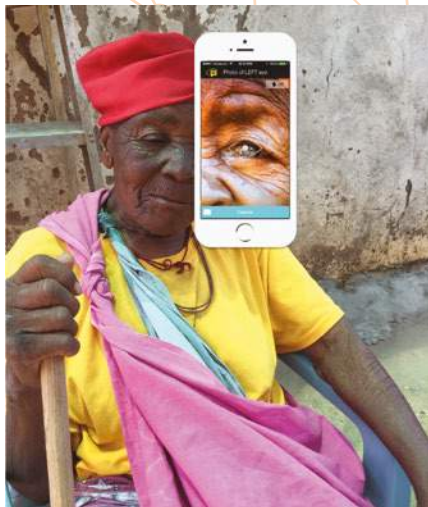


Single-Walled Carbon Nanotubes with Encapsulated 1D crystals: Transport towards High Voltage Interconnectors.

– Runner Up

Andrij Vasylenko, Department of Physics

Development of electronics technology demonstrates persistent trend of miniaturization. These days, the tendency firmly encroaches into the realm of nano-scaled design. The essential part of any architecture, interconnectors, represents the bottleneck for nanoelectronics. Although carbon nanotubes (CNT) nursed many people's hopes, due to the creation of hot optical phonons, CNT considerably decrease conductivity under high voltage bias. This project aims to bring the hope back. In the theoretical study of transport in novel materials we investigate how encapsulated crystals can provide the buffer for pacification of hot optical phonons and to restore initially excellent conductivity of CNT.



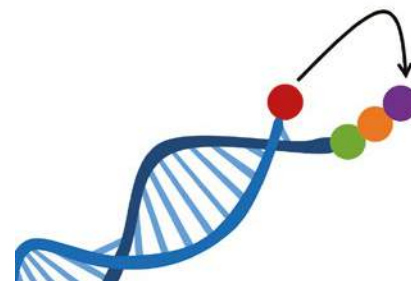
**Patient + Health Worker + Mobile Phone
= Enhanced Healthcare in South Africa?**
Jocelyn Anstey Watkins, Warwick
Medical School

Mobile phones can be a powerful solution to deliver healthcare in rural South Africa, by improving patient outcomes and strengthening the unsteady public health system. Enhanced mobile communication between patients and health workers may have an advantageous effect as use becomes normalized into routine clinical practice. How? Doctors are self-innovating by creating technological solutions such as an eye test app to overcome healthcare access barriers. They are responding to these barriers where resources are limited. Innovation out of necessity is driven by current poor diagnostic and referral services. National health policy needs to support local mobile health solutions.



**It is just a matter of finding the
right ingredients - Runner Up**
Marco Cinelli, Warwick
Manufacturing Group

I work on sustainability assessment of products, which is basically a matter of integration. The picture shows how advancing sustainable products depends on the integration of knowledge and expertise from people with different backgrounds, in this specific case decision scientists (left side) and green chemists (right side). I see myself as a chef, who carefully tries to understand both worlds and integrates them in a sound, robust and successful manner, leading to models capable of evaluating products' sustainability in the form of a simple score or performance class.



**An Artificial Ribosome:
Autonomous DNA-Templated
Synthesis - Special Mention**
Tom Wilks, Department of Chemistry

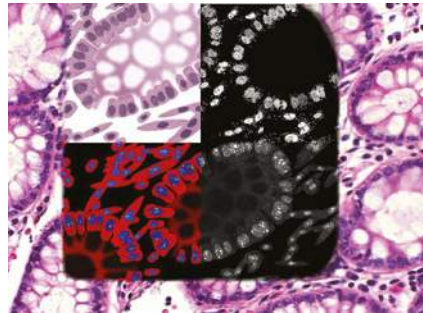
The ribosome is responsible for translating the information stored in our DNA into the functional materials of nature: proteins. In doing this, it achieves complete precision in the synthesis of very large molecules. However, the ribosome is limited to a small number of building blocks. It would be extremely useful to be able to achieve the same level of synthetic precision but using components of our choosing. Our research uses DNA as a template on which reactive groups are brought together in a programmed order to create sequence-defined macromolecules using unnatural building blocks.



Making fat to burn carbs - Winner

Zehra Ishrad, Warwick Medical School

One of the enzymes that make triglycerides (TG, fat) is DGAT-2. It catalyses the last step in triglyceride synthesis. Brown adipose tissue (BAT) uses triglycerides to generate heat for non-shivering thermogenesis which is important to keep babies warm, and may be important in controlling body weight in adults by 'wasting' energy. BAT takes up glucose (carbohydrate) at high rates but cannot directly generate heat. We found that DGAT-2 is specialised for the formation of a distinct TG pool which rapidly generates heat. This makes DGAT-2 a potential target for the pharmacological facilitation of glucose utilization in BAT thermogenesis to control body weight and to stabilise glucose levels in diabetes.



Modelling to Aid Cancer Diagnosis

Violeta Kovacheva, Institute of Cancer Research

When pathologists examine a tumour, they consider a number of criteria in order to diagnose the patient. However, a lot of these criteria are subjective. Recent developments have enabled whole slides to be digitally scanned. Many scientists are working on developing methods for automatically analyzing the tissue in order to provide quantitative information to the pathologists and enable a more objective diagnosis. My research has been on developing a model for the colon tissue architecture in order to simulate synthetic microscopy images. Such data would aid quantitative comparison of different image analysis frameworks and help decide which one is best adopted in clinical practice.



Ruins of a Recent Past

Emanuelle Santos, Department of English & Comparative Literary Studies

Literature was an important site of resistance through which the African countries of Angola, Cape Verde, Guinea Bissau, Mozambique and Sao Tome and Principe fought Portuguese colonialism. Yet, after the achievement of their independences, these countries' legacy of colonialism was supplemented by a number of societal changes ranging from the adoption of socialism, to civil wars and liberalization. In the light of such convoluted scenarios, this research returns to these literatures in order to assess how these countries' recent past has shaped their contemporary postcolonial experience, and in which ways their experience can contribute to reshape our understanding of postcoloniality.

Visit from Karen Kelsky



US academic and author of *The Professor Is In* (<http://theprofessorisin.com/>), Dr Karen Kelsky conducted a UK and European speaking tour in April and May 2016, which included Cambridge University, Oxford University, Kings College London, London School of Economics, University of Warwick and several other universities.

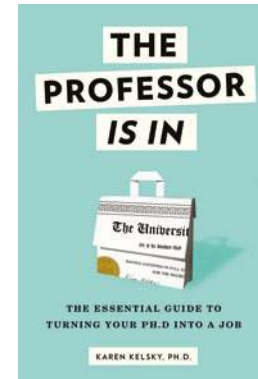
"I have been reading the book by Dr Kelsky and would like to hear her speak about getting academic jobs in person."

Karen spoke on the subject of post-doctoral careers, with an emphasis on the US job market. This was of particular interest to academic staff and early career researchers who might consider a career in the USA, but also to those who collaborate with colleagues from American Universities.

"I now have a fuller understanding of how the US job market works, and Prof Kelsky's tips on how to write a good application letter and interview skills were an added bonus."

On 10 May 2016 Karen spoke to an audience of 93 final year PhD students, postdoctoral researchers and faculty from 30 departments across the University about the reality of the academic job market in the USA and strategies of how to get on the tenure track. The 90 minute presentation was extremely well received and sparked a lively Q&A panel after the main session.

"[The talk] definitely gave me a very clear idea of what the US academic job market looks like and what to expect if I was to consider attempting a career there. It will be helpful for my long term planning and to have a clearer idea about the kind of things that I should be thinking about or preparing for career-wise during my PhD. Some of the advice is surely applicable to the UK job market too! Also Karen was really great and inspiring in her talking style and she is surely a positive role model for the kind of academic and public speaker I'd like to be."





Fellow Project Reports

To celebrate the 10th Anniversary of the Institute, we asked several of our recent visiting fellows, early career fellows and funding beneficiaries to write about their time with the institute.



Supported Fellows



Alastair Blanshard

International Visiting Fellow

(Paul Eliadis Professor of Classics and Ancient History,
The University of Queensland)

Tracing the Legacy of the Classical World in Warwick

Have you ever wondered why we spend so much time in the gym trying to look like 'a Greek statue'? Or why, when you look for a bank on a map, it is often represented by a symbol that looks like a Greek temple? Or why Nike shoes are named after a Greek goddess or have a single swoosh as an emblem?

When we think about the impact of the ancient world on the modern, we tend to single out the monumental achievements of the Greeks and Romans - the invention of democracy, laying the foundations of modern philosophy, making breakthroughs in mathematics and geometry, producing influential works of drama and poetry, creating inspiring and enduring works of art and architecture. All of this is important. However, most recently I have become fascinated by the minor and day-to-day impacts of Classicism. These are the bits that we tend to

leave out when we tell the story of the legacy of the Greco-Roman world. I'm interested in just how influential the Ancients are in our beauty regimes, in the films and television that we watch, in the trashy literature that we read, and in the design of the cities and suburbs in which we live.

It was to explore these often unnoticed, but nevertheless popular and influential aspects of the Classical World, that I applied for an International Fellowship at the Institute. There were numerous reasons for wanting to come to the University of Warwick. The Classics Department is one of the leading research institutes in the country and, in particular, it has strengths in modern popular engagement with the Classics. It is very much a department with a strong sense of making sure that people understand why Classics matters in the here and now. However, beyond

this, it was the opportunity to make connections with other departments and centres that I found most attractive. The possibilities of genuine interdisciplinary conversations and collaboration fostered by the Institute were very exciting.

During my time in Warwick, we organised a very full programme of events. It began with a one-day conference on 'Classics and Film' that was co-sponsored by the Department of Film and Television Studies and the Department of Classics. This seminar brought together a select group of leading UK scholars of Classics and Film to discuss the cinematic impact of ancient world. Scholars were each asked to offer a critique of an individual scene from a film of their choice and the resulting selection produced an astonishingly diverse range of films. Over the course of the day, we had

an opportunity to discuss everything from early silent films by the Lumiere Brothers to Rita Heyworth performing the 'Dance of the Seven Veils' in *Salome* (1953) to bodybuilders impersonating Hercules in 1960s sword-and-sandal epics to classicising aliens in Ridley Scott's *Prometheus* (2012). The seminar demonstrated not only the incredible influence of the Classical in movie-making, but also the amazingly multi-form nature of the influence. Classicism managed to pop up in the most surprising of places.

We reached the same conclusion in another seminar that we organised during my time at Warwick. The seminar was entitled 'The Use and Abuse of the Classical' and it was a collaboration between Classics and the Centre for Renaissance Studies. The aim of this seminar was to investigate the long history of the reception of the Classical World in the West. The seminar mainly comprised local Warwick academics and a few ex-Warwick graduates. Again, the range and diversity of topics was striking. We saw the influence of Classical World cropping up all over the place from French drama to early modern missionary accounts of life in China.

During my time in Warwick, I was also fortunate enough to participate in Warwick's Ancient Drama Day.

This day brings together over 500 pupils from a variety of schools and allows them to learn and experience what ancient drama meant to its contemporary



Greek audience. The day climaxed with a production of 'Aristophanes' play *Lysistrata*, a comedy about the women of Athens going on a sex-strike in order to force the men of Athens to make peace with their enemies at Sparta and so put an end to the long-running and ruinous Peloponnesian War. It is a masterpiece of comic writing and one of the most influential of Aristophanes' comedies, being restaged everywhere from 19th-century brothels as a salacious entertainment for clients to, 20th- and 21st-century peace rallies, to most recently *Chi-Raq* (2015) a cinematic re-telling of the play by the filmmaker Spike Lee. In preparation for the performance, students were given a series of lectures about aspects of the play and I offered a lecture on the 'war of the sexes in Ancient Athens'. It was a great day. The school students were keen and enthusiastic and the endless rounds of applause given to the Warwick Classics students for their

production of *Lysistrata* was a testament to the capacity of the play to still speak to an audience after almost 2500 years since it was first performed.

The final highlight of my Fellowship at Warwick was the opportunity to engage with students. I gave a number of guest lectures in various courses. For the Film Studies students, I taught a class on *Spartacus* (1960). While for the classicists, I taught a number of classes relating to my research areas of interest, especially in relation to sexuality and the body. There were classes with almost every year group from first year students through to finalists as well as the MA students in the Ancient Visual and Material Culture programme. I also had an opportunity to discuss my academic career and approach to research with doctoral and post-doctoral students at events organised by the Institute and CADRE.



Andrea Brunello

International Visiting Fellow

There is a big and seemingly growing gap between the scientifically literate and those that consider science too difficult, too far off, not worth the effort. Unfortunately the number of those that are sceptical of science seems to be growing by the day. Enrolments in “hard science” departments of many Universities around the world is decreasing.

We are also witnessing an increase in prejudice against science: the issue against vaccines for example, or the lack of universal acceptance of climate change leading to it becoming a political issue more than a scientific one, are but two clear examples of this separation between science and a sizeable part the general population.

And yet, there has never been a more fertile time with regards to scientific discovery. The theoretical, as well as the experimental, tools that are being used in science today have reached amazing levels of sophistication. We can safely say that what is happening in science

these days is extremely exciting and the future looks really bright!

So why do so many people, even the young ones, fail to see it? Partly because the way science is communicated and taught is at times uninspiring and potentially off target. On a general level, for instance, the communication of science is mostly left to journalists or to scientists and teachers who, sometimes, have no training in how to share their work at a “layman” level. The result is that the narrative can be off focus, sensationalistic or simply dry. The need to address this problem is the basic idea behind the Jet Propulsion Theatre (JPT - www.jetpropulsiontheatre.com) a joint project between my theatre company, Arditodesio, and the Physical Science Communication Laboratory of the Physics Department of the University of Trento (Italy) with which I am affiliated. JPT is a permanent laboratory for the theatrical creation connected to science, the people of science and the scientific tale. The project was started in 2012. JPT aims to narrate science by

means of theatre and artistic expression, to develop a sense of curiosity and wonder, a thirst for knowledge, and to allow a better comprehension of the scientific world, the people that live it, the results of science and, bottom line, to better understand our present and future.

It was the knowledge of the JPT project and an interest in its multidisciplinary approach that motivated Dr Anna Pegoretti and Professor Simon A. Gilson of the School of Modern Languages & Cultures to nominate me for a Visiting Fellowship which was carried out from January 18th through 26 January 2016. The Fellowship had a two-fold objective. On the one hand, there was the desire to explore potential JPT collaborations at Warwick University and, on the other hand, the Fellowship had the objective to be the starting point of a new project called “Dante the Cosmonaut” in the context of Professor Gilson’s and Dr Pegoretti’s own research on the late medieval Italian poet, Dante Alighieri (d. 1321),

whose major poem, *the Divine Comedy*, is recognised as a masterpiece of world literature. This collaboration, still undergoing, will lead to a production of a bilingual (English/Italian) theatrical work which will reinterpret Dante's cosmology in the light of contemporary cosmology, astrophysics and high energy physics. It is fascinating to note that Dante's description of the abode of God, angels, and the blessed - the timeless and immaterial last heaven - fascinatingly hints at timeless issues, such as the origin of the universe and the nature of time and space, which powerfully resonates with contemporary cosmological thinking and research! Dante the Cosmonaut aims to explore the scientific and philosophical development of cosmology, starting from Dante's masterpiece. The theatrical production, which is set to premiere between the fall of 2017 and the winter of 2018, will necessarily interconnect several areas of research bridging the gap between the humanities, the arts and the sciences.

The time spent in Warwick was intense but it had a lasting impact on my own research and future projects. In the context of my visit, I performed my play *The Principle of Uncertainty* and we screened another two productions: *Taking out Grandpa* and *Pale Blue Dot*; I engaged with scholars and students in a series of lectures, events and workshops that involved colleagues from the humanities, physics and social sciences and whose aim was to explore the potentialities of an interdisciplinary dialogue between science and the humanities; I held a workshop with undergraduate students on writing bilingual theatre.

Besides the excellent work that sprang out of the connection with Dr Pegoretti, I underline the important connection with Professor Pam Thomas and the Physics Department, with whom I engaged in very interesting conversations and with whom I am looking forward collaborating in the future. I also connected with Jonathan Heron the deputy director of the Institute for

Advanced Teaching and Learning (IATL) that could potentially support future projects. But most noticeably Dr Pegoretti and I started a constructive collaboration with Ellie Chadwick, a graduate student in the Theatre Studies Department. Ellie has been very supportive of our Dante the Cosmonaut project and is currently helping us identifying production opportunities.

So, the Fellowship will lead very naturally to the production of a new science-theatre production whose impact could be wide ranging, deep and timely. But more importantly it has paved the way to new collaborations that could boost the Jet Propulsion Theatre project and my very own professional career. In addition to that, the Fellowship has allowed me to spend precious time discussing issues of science communication with other researchers and pedagogues, analysing the direction that my work is taking and planning for future engagements. In the long run this could be the most precious and cherished of outcomes.





Stanislav Soskin
Residential Fellow

I am a theoretical physicist. My main research interests lie in the area of stochastic and nonlinear dynamics and their applications to physical systems, in particular to semiconductor superlattices and nano/micro-scale electro-mechanical systems.

The reason I approached the IAS for funding was to reinforce my collaboration with the School of Engineering, particularly making significant progress in my joint works with Dr Igor Khovanov. I also wanted to conceive new projects with Dr Khovanov and Professor Nigel Stocks. It is much easier and faster to achieve such goals working in one place rather than distantly, especially given the tough political and economic situation that can hamper research in my country, while the IAS provides a friendly atmosphere and good conditions to work. During my fellowship I worked on two project in the field of nanoscience.

The first project considered the remarkable phenomenon of resonant

enhancement of electron transport in semiconductor superlattices when subjected to constant electric and magnetic fields. Semiconductor crystals play a crucial role in the modern science and everyday life: computers, mobile phones, TV sets, etc. are all based on quantum properties of a crystal. The original idea to create a semiconductor superlattice was suggested 46 years ago by the Nobel Prize winner Leo Esaki and his colleague Raphael Tsu. It has since grown into a large area of semiconductor physics and technology. Semiconductor superlattices represent structures fabricated from crystals in such a way that they possess enhanced properties. Twelve years ago, researchers from Nottingham described one such phenomenon, resonance enhancement of the electron drift. This approximates to the motion of a small floating object on a surface of a river while it is acted upon by a plane travelling wave. We recently realised that the previously accepted mechanism of this drift enhancement cannot be correct and found its true mechanism. Our initial



short paper on this has been published in a high-rank physical journal: Soskin, Khovanov and McClintock, *Physical Review Letter* 114, 166802 (2015). One of the tasks of the visit sponsored by the IAS was the development of a more detailed and more general theory of this phenomenon and its verification in computer simulations. This task was fulfilled, in particular the mechanism was shown to be true for any temperature. Our findings explain the former experiments and suggest new ways of controlling the resonant electron transport. A preparation of a large paper for the submission to another high-rank journal *Physical Review B* has been almost completed.

The second project relates to electro-mechanical resonators, a type of nano/micro-electromechanical system (NEMS/MEMS). We were interested in resonators of about one micron (one millionth part of metre) in size. Characteristic features of resonators of this size are a combination of a classical - rather than quantum - behaviour and a

very low dissipation of energy combined with a very high natural frequency. The qualities of these particular electro-mechanical resonators allow us to observe a broad range of phenomena that I have previously identified as zero dispersion (ZD) phenomena. The theoretical study of ZD phenomena has been my main research focus of late. ZD systems display: (i) a one-dimensional classical motion; (ii) a low dissipation of energy; and most importantly, (iii) the presence of an extremum (a local maximum or minimum) in the oscillator's eigenoscillation frequency on its energy. Modified one-micron resonators are the smallest size to ideally fit these criteria. Following the first observation of one of the most distinct ZD phenomena by our collaborators in Hong Kong, Dr Khovanov and I were to develop the theory describing the experiment. This project started a few months prior my visit and was successfully completed during my tenure at Warwick. We found excellent agreement with the experimental results from Hong Kong. We originally planned to submit the paper of these results to the journal *Physical Review Letters*, but with our experimental co-authors we decided to modify the scheme of work to significantly increase the quality and result in a more pronounced manifestation of the ZD phenomenon. We are now awaiting new experimental results and look forward to applying the theory we developed during the visit to Warwick to them.

Another goal of my visit was the conception of new joint projects and outputs. We developed a new project

investigating how the perturbation of a system containing two different height barriers can drastically increase the rate of a noise-induced transition over the higher barrier, provided that the frequency of the perturbation is close to the local maximum of the eigenoscillation frequency versus energy between the two barriers' heights. This conjecture is based on my earlier results concerning an inter-barrier transport in the absence of noise and transport: only a small perturbation is needed to cause transport. The conjecture has been confirmed by our recent explicit research of a certain example and we now preparing the paper on these results for the *Physical Review E*. Given this new speculation, it would be very interesting to apply this general idea to nano/micro-electromechanical resonators based on a cantilever, like that used in the atomic force microscopes. Apart from our theoretical team, this new project will certainly involve experimentalists and during my stay we had preliminary discussions with several experts. Now that our hypothesis has been confirmed theoretically for a characteristic example, this project has got a much more solid base and we are going to continue detailed discussion with the experimentalists in the near future, which will hopefully be followed by a preparation and submission of a research proposal.

Throughout my fellowship at Warwick I disseminated my knowledge by means of oral presentations. I gave a large presentation at the School of Engineering on the manifestation of theoretically described phenomena of

NEMS/MEMS, including those already observed and those which are yet to be sought. The talk was followed by a vivid discussion, so that it appears to me that it was interesting for the audience. Its preparation and the following discussion were useful and interesting for me too. One more presentation was a flash-talk to a much broader audience at the IAS, during their weekly ACE seminar. In my turn, I was very much impressed with the presentations by young researchers delivered at the same meeting. In addition, I was present at two departmental seminars, which was interesting for me too.

Finally, I would like to emphasise that, whenever I applied with this or that request to the IAS staff or supporting team, they reacted very promptly, in a friendly and helpful way. Moreover the association with them was very pleasant. It is worth mentioning also that Cryfield Grange - the IAS residential facility where I lived - combines a deep historical background and a characteristic exterior with convenient conditions for life including a lot of modern facilities, very beautiful and tasteful interior, and an excellent service. There are picturesque countryside landscapes and tranquil footpath walks around. Altogether this provides a unique and enjoyable place for a relaxation and work.

Thus, the IAS Residential Fellowship has allowed me to significantly advance my joint work with colleagues from the university and extend our collaboration as well as to get a unique experience of life in a historical place of England, for which I am very grateful to the IAS.



Marco Cinelli
Early Career Fellow

The fossil and mineral resources our society has based its development on are diminishing and there is a high risk that the future generations will not be able to enjoy the quality of life the western world has had over the last century. In order to guarantee a sustainable and pleasant future for the generations to come it is thus necessary to develop strategies to use resources (e.g. minerals, fossil fuels, forests, land) in a responsible manner and produce tools that can help us understanding the sustainability of our products and technologies. Sustainability refers to the capacity of maintaining our environment, economy and society in a healthy state that can be maintained in the centuries to come.

My research falls within this context and my aim is to create strong collaborative links within Europe and help make it a reference place to conduct multidisciplinary research combining sustainability science and decision aiding. This could attract new researchers from outside Europe

because of the creation of a cluster of expertise that can be used to tackle pressing societal challenges, from sustainability evaluation of premier technologies and products to reduce resources use and prevent pollution up to sustainability assessment of organizations' performance or policies.

My core competency consists in the development of decision support systems for the sustainability-oriented evaluation of products, organizations, technologies and policies in the form of a performance score, ranking or classification. My areas of expertise include life cycle sustainability assessment, Multiple Criteria Decision Aiding/Analysis (MCDA) framework, methods and software and responsible development of nanotechnology, having studied and worked in these areas since 2005. The research I currently conduct includes: (i) use of MCDA to perform sustainability assessments of products/process systems; (ii) use of MCDA to develop a weighting scheme of the impact

assessment categories within the Environmental Product Footprint methodology for the European Commission; and (iii) creation of a network of sustainability and decision support analysts to advance the scientifically meaningful use of MCDA for sustainability research. In my doctoral thesis I addressed the challenge of advancing solutions through MCDA for the sustainability assessment and management of nanotechnology.

The research I have conducted over the last three years is highly interdisciplinary, combining methods and findings that belong to multiple disciplines, including decision aiding, sustainability assessment and nanotechnology. To date, I have established and developed international collaborations (through presenting my research at scientific meetings) with experts in decision support (in Poland) and sustainability assessment and nanotechnology (in the USA). These collaborations have so far resulted in peer-reviewed published papers, oral and poster presentations



at national and international scientific conferences. However, a significant research gap remains and my long term career vision is to address it through the development of robust approaches and associated guidelines that decision makers can implement, according to their sustainability assessment requirements or working environments, to aid their product and technology development processes.

My professional activities affect several competence areas and stakeholders. I have realised that a main success factor for my career is to interact and search for financial support from funding bodies with a desire of supporting researchers who transfer and use state-of-the-art knowledge from certain domains into others. The Institute is an excellent representative of these funding bodies and here resides the main reason for applying for the

Early Career Fellowship. The set of complementary activities I proposed to the Institute for my Fellowship included further engagement with my scholarly communities by organising a research workshop and presenting my research to scientific dissemination events, adding credibility and rigour to my research by writing journal articles and developing a full project proposal for prestigious postdoctoral Fellowships.

During my Early Career Fellowship I have had the opportunity to chair a session exploring the use of MCDA to advance the understanding on how people make their decisions and the reasons behind them. This took place at the 28th European Conference on Operational research, Poznan (Poland), 3-6 July 2016, during the invited session "Preference Learning Stream". I have taken part in the organisation with the Bio-Economy Unit at the Joint Research

Centre (JRC), European Commission - Directorate D - Sustainable Resources, Ispra (IT) of a research workshop, which was held on 13 and 14 December 2016. This was a very formative and inspirational experience that exposed me to the process of policies development within the European Commission and the tools that can be used to evaluate the environmental, economic and social impacts of policies under development for the EU legislation. The tangible outcome has been a research agenda to identify key challenges that must be tackled in order to maximize the practical use of life cycle assessment (an environmental impact assessment tool) in the context of policy development within the European Commission. Following up from the success of this workshop I am also collaborating with the JRC to move this emerging research area forward, which will lead to an invited session named "LCA for policy making support" at the Society of Environmental Toxicology and Chemistry (SETAC) Europe 27th Annual Meeting, Brussels (Belgium), 7-11 May 2017. During the Fellowship I also presented my research findings and ideas in order to maintain my active presence in the relevant research fields at the 28th European Conference on Operational Research, Poznan (Poland), 3-6 July 2016 and the Joint Research Centre, European Commission - Directorate D - Sustainable Resources, Bio-Economy Unit, Ispra (Italy), 2 May 2016.



An academic career is highly dependent on the number and quality of publications reviewed according to international standards and printed in journals and/or publishing houses. I have thus spent at least half of the Fellowship on the preparation and writing of scientific articles.

Becoming a competent and credible researcher requires continuous training in order to remain up-to-date about the available options for professional advancement as well as keeping a stream of creativity and inventiveness. The Fellowship is well structured in order to provide this type of support, which is built on a series of seminars designed to provide guidance and resources concerning many aspects of academic career development, including Fellowship and grant proposal development, preparation of an appealing CV, understanding how to impress at a job interview, public engagement and outreach opportunities, media training, public speaking and advanced teaching practices. A very useful event that deserves particular note was the Institute's 2016 Symposium

which was held over two days in May and it was a great opportunity for early career researchers (including Ph.D. students and Postdocs) to offer a wealth of useful information about how to plan the next career stages, especially Fellowship applications, in a clear, concise and easy-to-understand format.

The Institute also allows the Fellows to test their employability performance through mock interviews, which were really helpful to learn how to approach the questions from an interview panel, by considering conciseness, coherence and relevancy of the provided answers. Academic careers do not follow an established path, even though some characteristics are common to most (e.g. publications, funding, network). The Institute supports academics at different research stages and offers Early Career Fellows the possibility to hear directly from senior researchers about their career development and recommendations they have to succeed in academia. Some useful insights include answers to questions such as: what is the best piece of advice you'd give to an early career researcher? What does impact mean to you? What are its cornerstones? And how can we achieve it? Can you tell us about a bad professional decision you made during your career? What is the profile of a

competent and experienced researcher from your perspective?

The transition from the completion of the Ph.D. to a postdoctoral/academic research career is a very delicate phase. It requires the time and effort to gather and compile the research outcomes that resulted from the doctoral programme, the reflection on the skills developed during all the education stages and the uniqueness of the personal expertise. All this information must then be condensed in an appealing and convincing format that can be used to convince research funders of the worthiness of investing in you. I thus spent a good part of the Fellowship to reason on the aspects mentioned above and I developed a proposal for a research project that I have used to apply for several Postdoctoral Fellowships, which include Marie Skłodowska-Curie, two positions for researcher at the JRC, European Commission, the International Institute of Applied Systems Analysis in Austria and the Swiss Institute for Aquatic Quality Assessment.

Since my Early Career Fellowship culminated I have taken up a postdoctoral research position at the Singapore-ETH Centre.



Francesca Lezzi
Early Carer Teaching Fellow

My mathematical research interests are within geometric group theory, which is an area of pure Mathematics, using geometric methods to study the properties of certain algebraic objects called “Groups”. This field was born in the 1980’s out of Gromov’s work, motivated by progress in hyperbolic geometry, and has strong connections with other areas of Mathematics (such as algebra, topology, dynamical systems and probability) and with Computer Sciences, via the study of automatic groups and regular languages. During my PhD I sought opportunities to teach, and got interested in didactics and pedagogy. I would often reflect about questions such as how to best transmit mathematical concepts, and how to best motivate students to learn Mathematics, given the abstract nature of this subject, and the many misconceptions and anxieties people have towards the field. For this reason I attended a training programme run by the Learning and Development Centre, and obtained a Postgraduate Award in Teaching and Learning in Higher Education. Taking

part in the programme gave me the opportunity to reflect on my teaching practice, share my ideas with colleagues across the University, observe and be observed by experienced colleagues. I also became curious and interested on how ideas coming from different disciplines are interlinked, and how Mathematical research can affect and be affected by research in other disciplines.

For these reasons I applied for the Early Career Teaching Fellowship funded jointly by the Institute of Advanced Study and the Institute of Advanced Teaching and Learning, which looked like a great opportunity to pursue both my Mathematical and my Pedagogical research interests in an interdisciplinary environment. I started my fellowship in April 2016. Since then, I have carried on some research in Mathematics and I have been working with the Institute of Advanced Teaching and Learning on several projects. Together with my former advisor, I have worked on a question which came up out of my PhD work, we submitted a paper,

which has been recently accepted for publication in a well-reputed journal. I am currently writing up another paper. I have given a talk in a conference aimed at young researchers in Topology (an area of pure Mathematics), and I have attended several conferences; in particular, I had the great opportunity to attend a workshop at the Mathematical Sciences Research Institute, University of California Berkley, which was part of a thematic semester on Geometric Group Theory. Attending that workshop gave me the chance to meet research leaders in the field and hold inspiring discussions with other researchers, which will hopefully be the basis for future collaborations. I have successfully applied for a “GEAR Network Short Term Visit” programme (a grant supporting research collaborations in Geometry) to work for a couple of weeks with a researcher currently based at the Mathematical Sciences Research Institute. I recently became a member of the Engineering and Physical Sciences Research Council Early Career Forum, which gives me an insight of

this funder's priorities and funding mechanisms, and the chance to meet many other young mathematicians across the country.

As for my work at the Institute of Advanced Teaching and Learning, I am currently conducting a project concerning the research-teaching nexus. Emphasis on this issue has considerably increased over the last year. Governmental policies have stressed the importance of teaching excellence, thus a natural question for research intensive institutions is to understand whether and how research excellence can impact teaching. My aim is to understand how academics at Warwick conceive and practice research-led teaching, at what stage in students' careers they can design modules based on their research, and how the two main duties of an academic, research and teaching, influence and affect each other. To understand this I am interviewing academics across different departments. As expected, the answers strongly depend on the discipline. I plan to write a report about my findings by the end of the fellowship. In June 2016, I took part in a Teaching and Learning summer school in Bratislava, aimed at helping beginner teachers to enhance their teaching practice. The school had a special focus on teaching and learning in Liberal Arts. I have helped some IATL members in organising events, and I organised an interdisciplinary workshop which took place on 16 of November 2016 and was open to all Warwick students and staff, and to all members

of the wider University community. The workshop, entitled "A New World... Out of Nothing" started with a talk describing how, a couple of centuries ago, a new, non-Euclidean Geometry has been discovered. We then focused on how this new (apparently abstract) Geometry, is the basis for some Physical theories (such as Einstein Relativity), and has been represented in the Arts. Throughout the workshop, some interactive activities, aimed at "making people play" and passing on the idea that Math can be fun, and some talks aimed at presenting current mathematical research to a general audience took place. The workshop ended with a panel discussion, where renowned experts shared their experience of communicating Science to non-experts. I intend to write a reflective essay on the outcomes of the workshop and to submit it to the Exchanges.

I have set up a transdisciplinary module, to run in the academic year 2017-18.



The module will be centred on the question: "What is truth?" The idea is to describe the concept of truth as a philosophical entity, and understand how knowledge is built and develops in different disciplines, and whether there are concepts which can be assumed as absolute truth. Each session will be led by an expert in the relevant field. I will attend some outreach activities organised by the Centre for Professional Education in collaboration with local schools, and I will seek for the opportunity to take part in the delivery of widening participation activities. To conclude, I am really enjoying having the opportunity to carry on some research in pure Mathematics, and at the same time keep an eye on the bigger picture, grasp how concepts from different fields fit together to form the big puzzle of Knowledge, and investigate teaching practices and learning processes.





Alison Struthers

Early Career Fellow

My principal research focus, grounded in law and context, is on the relationship between human rights, education and ethics, including, for example, work on human rights values, British values, children's rights literature and children's empowerment. My PhD focused on Human Rights Education in English primary education, utilising quantitative and qualitative empirical research methods to better understand the reasons for deficiencies in current practices in this area. It argued that England is not meeting its international legal obligations, but that the problem is more ingrained than simply a lack of relevant government policy. Teachers are apprehensive about Human Rights Education due to misunderstandings, misconceptions and myths surrounding human rights. My recent work has also addressed issues of children's voice and participation in the formal school setting, as well as the importance of empowerment for enabling children to contribute to the building of a broader culture that is respectful of human rights.

I have always known that I wanted to work in academia. I followed the standard path for a law student: completing the LLB, the professional qualification and my training contract with a Scottish law firm, but knew that my true interests were in researching, writing and teaching. Whilst finishing my PhD, I looked around for opportunities that would help me to secure a permanent academic post at Warwick, and heard from a colleague about the Early Career Fellowship. I attended the workshop with tips for applying for the scheme and was successful in obtaining the funding.


The Early Career Fellowship was a hugely beneficial scheme for me at that stage in my career. I had secured a Teaching Fellowship in the School of Law, but this left little time for researching and writing, which is a hurdle to any early career researcher. The ECF scheme bought me out of some of my teaching duties, thus providing me with valuable time to build up my CV and work on my publications

in order to prepare me for the next rung on the academic ladder. The Academic Careers and Employability Programme further provided me with a wealth of useful information, including about publication, teaching and academic life, in order to progress my academic career. And hearing fellow Institute researchers talk about their work broadened my knowledge considerably.

The most beneficial aspect of the ECF for my career progression was the time that it gave me to work on my research and publications. Over the duration of the ECF, I submitted three articles to leading peer-reviewed journals and all have now been accepted. In this time, I also drafted my book proposal, which is currently being considered by Routledge.

As part of my Early Career Fellowship, I also organised a workshop on Writing About Human Rights for Children. This workshop brought together academics from Law, English, Philosophy,





Education and IATL, as well as teachers, students and artists, to discuss the important issue of how to broach human rights topics with children through literature. Part of my aim in organising this workshop was to run my own ideas about writing a children's book on human rights past experts and those with an interest in this area, as well as giving those in attendance the chance to discuss some of the issues in this area. All of the feedback that I received on the workshop was positive, and the discussion was lively and enjoyable. Furthermore, as a result of the discussions, I have furthered my ideas for the children's book, and am currently writing this. I have also organised another workshop on the topic, to be held at the University of Strathclyde and have secured ESRC funding for an event around addressing challenging issues in the social sciences through children's literature. This formed part of the ESRC Festival of Social Science in November 2016 and brought children from local schools to Warwick for a day of activities on this topic.

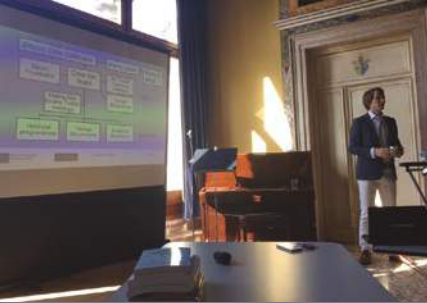
Being an ECF, and having the time to work on my research and publications, contributed to me being appointed as an Assistant Professor in the School of Law at Warwick in April 2016. I have since enjoyed starting this new role when my Teaching Fellow contract

ended at the end of August. I have a number of academic articles in the pipeline, as well as one about to be submitted for review, and have a number of ideas for research projects that I am hoping to pursue in the early stages of my appointment in this role.

One of the articles that I worked on during my ECF, and which is now published in *Social and Legal Studies*, has led to me making a successful application to the ESRC Impact Acceleration Account in order to action the recommendations made in the article. The project, around the teaching of fundamental British values in primary schools and how these can be linked to human rights values, involves developing educational resources and piloting these in three Kenilworth schools. It commenced in October 2016 and will run until spring next year. This project is a particularly important one in light of current concerns about potentially subversive interpretation of the notion of British values in our formal education system.



Supported Projects



The Competitive Advantage in the Digital Economy Vacation School Phil Davies

The Competitive Advantage in the Digital Economy (CADE) vacation school is an exclusive 3-day Vacation School held in Venice, Italy, that brings together both academic and practitioner speakers to educate PhD students and early career researchers working within the digital economy. This year, the topic of the School was “Markets, Currencies and Data”. This focused on new market creation enabled by digital technologies, such as the Hub-of-All-Things platform (www.hubofallthings.com); how digital currencies and distributed ledger technologies such as Bitcoin are changing the way we trust, transact and collaborate; and how big data is changing the nature of business through increased visibility of the customers’ consumption space.

As we enter an era with unprecedented connectivity and with the economy becoming truly digital, CADE aims to bring together leading academics in the digital economy to inspire, network and educate young scholars interested in this field. The CADE vacation school brings European academics and practitioners together in order to stimulate research. This is fuelled by the European Commission’s impetus for a digital single market and the need to stimulate digital innovation within

Europe. At present, the leading digital platform companies (e.g., Facebook, Twitter, Ebay, Alibaba) have a combined worth of \$4.3 trillion. Start-ups such as Uber and AirBnB are also capturing value faster than we have seen before; Uber is now valued at over \$50 million. While these figures are huge, many European firms are struggling to capture value from digital platforms, with as little as 4% of their total value being generated in this way. The CADE Vacation School has become an important conference hosted in central Europe, and will continue to play a role in improving Europe’s impact in the digital economy.

We approached the Institute for funding CADE for a number of reasons. To begin with, the philosophy behind CADE is to provide an event that is free of charge to encourage students to attend and bring together participants from a wide



range of countries, which meant that CADE needed to be funded by both internal and external parties. The Institute funding was particularly attractive as it had a specific call for vacation schools. The Institute has funded CADE since 2014 and is very supportive in terms of offering a simple and efficient process for applying and disbursing the funds. Furthermore, funding from the Institute provided the flexibility for CADE to be hosted at Warwick's location in Venice, which has proved popular amongst CADE participants before. As the Institute is an internal Warwick fund and CADE an established event hosted by the University of Warwick, it was an excellent opportunity to foster those internal ties.

During CADE2016, thought leaders from a variety of subjects including Marketing, Service Systems, Computer Science, Economics, and Business Administration shared their opinions and their research about the digital economy. There was an extremely high standard of speakers, comprising associate professors and professors, which helped market the school. The speakers came from a range of Universities and companies including Warwick, Oxford, Cambridge,





Edinburgh, Edgeverve Systems Ltd and the Digital Catapult. The calibre, range and number of speakers was possible as a direct result of Institute funding and the flexibility it provided; CADE was able to pursue such high calibre speakers unhindered offering a beautiful location to disseminate their work and an opportunity to connect with both established academics who were speaking and the young, emerging academics they were there to present to. Those who attended and presented at CADE2016 best provide a testament to its success. The following are some of the feedback provided via email following the event:



“It was a great pleasure to participate and contribute. Looking forward to staying in touch.”

This feedback from participants highlights the success, desirability and relevance of CADE in the current economic, social and research climate. It is also testament to the research standard, organisational skills and research relevance taking place at Warwick, which the Institute recognises when supporting events.



“Thanks so much for ‘the personal touch’ and for a very informative event mixed with theoretical & practical aspects.”

Based not only on the feedback from CADE2016, but also on the attention the digital economy is garnering from the European Commission and companies such as IBM, Cisco and Facebook, the future of CADE is extremely bright and planning for the 2017 event has already begun, with an ambition is to increase



the vacation school's capacity. CADE2016 saw an extremely high demand and was oversubscribed by 100% with applicants from a wide range of countries. Going forward, we intend to appeal to participants from a range of countries whilst continuing to build on its established participant base. There are also plans to attract leading American and European scholars to present at CADE 2017, which will improve both the depth and breadth of the discussions and allow participants to learn from other scholars based on continents who are also heavily involved in the digital economy.



"Thank you for a wonderful event...the digital future lies ahead with so many possibilities and to be in Venice a place that thrives on old fashioned traditions... what a beautiful contrast and a vision of Liberty and freedom to make new value for 'things'. See you again in the future."

Alumni

Over the last 10 years the Institute has hosted researchers and visitors from across most academic disciplines and countries from around the world.

List of International Visiting Fellows

2007-8

Mr Tony Campbell
Professor Peter Fitzpatrick
Distinguished Professor
Sander Gilman
Erika Joergensen
Professor Klaus Kern
Dr Robert J. Marshak
Dr Sumanta Pattanaik
Professor Joseph R. Roach
Professor Geoffrey Roberts
Professor Robert Salais
Professor Zlatko Skrbis
Professor Dr Peter Sloterdijk
Professor Ann Smart Martin
Professor Dr Stefan Traub
Professor Rebecca Treiman

2008-9

Dr Matthew Sorell
Dr Carolyn Strange
Professor Detlef Siegfried
Professor Moshe
Naveh-Benjamin
Dr Alison Bashford
Professor Elizabeth Burton
Dr Eugene K Campbell
Professor Colette Daiute
Professor Philipp Scherer
Professor Nicholas Terpstra
Professor James S Hyde

Professor Andreas Dress
Professor Geoff Eley
Professor Donna R Gabaccia
Professor Jeffrey N Wasserstrom
Dr Siegfried H Glenzer
Professor Debra Roter
Professor Fazal Rizvi

2009-10

Professor Latika Chaudhary
Professor Alicia Dickenstein
Dr Bishnupriya Dutt (Paul)
Professor Mary Floyd-Wilson
Professor Marion Fourcade
Professor Lydia Goehr
Dr José González Monteagudo
Professor Frederic
William Hafferty
Professor Matthew Jackson
Professor Margaret C Jacob
Professor Ehud Kalai
Dr Katia Karalis
Professor Dorothy Ko
Professor Ashok Malla
Professor Cathie Jo Martin
Professor Valentin
Yves Mudimbe
Mrs Ralphina de Almeida
Professor Louise Séguin
Professor Kevin Smith

Professor Stephen Orgel
Professor Charles Withers
Dr Deborah Kay Elms
Professor Vivien Ann Schmidt
Professor Amy Mazur
Juan Gabriel Vasquez

2010-11

Dr Simon Shen
Professor Walter Mignolo
Professor Mary Margaret Fonow
Professor Steven Theodore Katz
Professor Saurabh Dube
Dr John Loudusamy
Dr Leon Ofman
Dr Frank Skidmore
Professor Pasquale Verdicchio
Tiziana Panizza
Professor Jane Gunn
Professor Kent Roach
Professor Steve Pincus
Professor Wellington de Melo
Professor Steven A Feller
Dr M Balasubramanyam
Professor Roland Clift
Professor Yuri Gennad'evich
Prokhorov
Dr Evangelia Anagnostou-
Laoutides
Professor Staffan Bertstrom

Miguel Palma
Dr Chris Andry
Professor Avinash K Dixit
Professor David Austen-Smith
Professor Bhupinder Chimni

2011-12

Professor Charles L Fefferman
Professor John Bodel
Professor Bryan Cullen
Professor Rick Iedema
Dr Gabriella Romani
Dr Alexandra Hillebrand
Professor Imre Szeman
Professor Gillian Russell
Mr Geoff Tansey
Dr Roger Smith
Professor Carmi Z Margolis
Professor Marek Kimmel
Professor José Antonio
Aguilar Rivera
Professor David Russell
Dr Cosma Shalizi
Ms Afiya S Zia
Professor Jens Kreisel
Professor Peter D Johnson
Dr Segenet Kelemu
Professor Shahid Khan
Professor Adam McKeown

2012-13

Dr Jane Goudge
 Professor Mitchell A. Orenstein
 Professor Mohan Rao
 Professor Philip Payton
 Professor Prasenjit Duara
 Professors Graham Cooks
 Professor Alan Marshall
 Zoe D'Amaro
 Professor Charles L Fefferman
 Professor Jorge Cañizares-Esguerra
 Dr Freddy Bouchet
 Professor Mark Levine
 Mr Ravindra Garimella
 Professor Takashi Terada
 Professor James L. Kirtley
 Professor Dana Leibhson
 Dr Shauna Butterwick
 Dr Mary McMahan
 Professor Pavel Krapivsky
 Dr Liu Tiawa
 Dr Simon Yuill
 Patrick French

2013-14

Professor Deirdre Coleman
 Dr Jeremy Prestholdt
 Professor Joey Sprague

Dr David L. Bryce
 Madhu Chetty
 Professor George Weiss
 Professor Rafael Muñoz de Bustillo Llorente
 Professor Raymond Markey
 Alina Marazzi
 Professor Mark Knight
 Dr Jan Willem van der Schans
 Professor Molly Jahn
 Patrick Mulvany

2014-15

Prof Inderpal Grewal
 Prof Ashwini Deshpande
 Prof Lisa Surwillo
 Professor Alesha Doan
 Dr Amy Levine
 Prof Samuel Moyn
 Prof Michael VanNieuwenhze
 Prof Joshua Clover
 Mr Mike van Graan
 Professor Elena Esposito
 Dr Terry Aladjem
 Professor Kapil Gupta
 Dr Llavenil (Meena) Kandasamy
 Mr S Anand
 Dr Karuri
 Dr Carlos Falci
 Professor Gilson Schwartz
 Professor Elena Esposito
 Dr Terry Aladjem

2015-16

Professor Alastair Blanshard
 Ms Lesley Chamberlain
 Professor Sandra Vasconcelos
 Professor Cynthia Lucia and
 Professor Roy Grundmann
 Professor Pamela Gilbert
 Professor Gunlög Fur
 Professor Prasanna
 Parthasarathi and Professor
 J.R. McNeill
 Dr Graeme Moad
 Professor Upendra Baxi and
 Professor Issa Shivj
 Professor Jonathan Gray and
 Professor Jennifer Gillan
 Dr Andrea Brunello
 Professor Laura Bass
 Dr Refael Barkana
 Mrs Madhu Mehra
 Dr Char Sample
 Dr Hadas Lewy
 Professor Dr Hai-Qing Lin
 Professor Dr Xiwen Guan
 Professor Igor Aharonovich
 Professor Dagmar Schäfer
 Professor Steven Aschheim
 Professor Lamberto Rondoni
 Dr Shilpa Phadke
 Professor Carole Levin and
 Dr Elizabeth Goldring
 Professor Justin O'Connor

List of Early Career Fellows

2008-9

Asaf Federman
Amy Kilbride
Muthanna Samara
Daniel Harding
Danielle Stewart
Vincent Bruyère
Elizabeth Ludlow
Alice Szczepanikova
Loannis Trisokkas
Andreas Tsolakis
Philippa Hubbard
Laura Sangha
Hsiao-Ling Chung
Elisabeth Simbuerger
Jonathan Willis

2009-10

Debra Toner
Christopher Boyce
Lydia Plath
Lorraine Lim
Jing Kang
Joanne Anderson
Joanne Allen
Tao Li
Antony Field

Hammad Qureshi
Daniel Bearup
Vincent O'Sullivan
Barry Sheils
Andrew Webb
Sarah Easterby-Smith
Sorcha Gunne
Elisabeth Blagrove
Emily Senior
Louella Vasquez
John Hattersley
Thomas Thurnell-Read
Eliza Gaffney

2010-11

Jeanine Tuschling
Arina-Nicoleta Cirstea
Francisco Antonio Eissa Barroso
Georgina Collins
Mark Ahmad
Mark Hailwood
Andrea Hajek
Yang Yuxin
Andrea M. Fischer
Sergio Lussana
Stephen Soanes
Laura Sava
Charlotte Mathieson

2011-12

Gemma Watkins
Nigel Dyer
Celia Penelope Hughes
Stephen Badham
Deborah Butler
Laura Ann Branch
Kathrin Wuensch
Liam Shields
Joseph Jackson
April Gallwey
Glen Alan Turley
Pinar Emine Donmez
Martin Klimmek
Hannah Ruth Andrews
Janosch Ortmann
Brian Haman
Ozge Eyice
Richard James Wallace
J. Emilio Jimenez
Sharifa Rahma Sekalala
Mikolaj Sierzega
Christopher D Clarke

2012-13

Michelle Kempson
David Hitchcock
Kate Scarth
David Doddington
Isolda Romero
Elizabeth Ann Widman
Gregory Frame
Simone Brioni
Caterina Sinibaldi
Serena Bassi
Dominic Holdaway
Jonathan Foss
Adnan Ali
Yvonne Reddick
Máté Vince
Joanne Coysh
Katharina Karcher
Elisabeth Mary King
Joseph Morrissey
Karen Simecek
Therese Sheehan
Malik Refaat
Svetlana Skomorokhova
Santiago Oyarzabal
Oliver Smith



2013-14

Andrew Hammond
 Sophie Constance Cox
 James Christie
 Jack Heal
 Aileen Renee Das
 Nesrin Degirmencioglu
 Ada Della Pia
 Rebecca Johnson
 Jiayi Wang
 Rebecca Williams
 Awelani Lena Moyo
 Lauren Bellaera
 Marijn Nieuwenhuis
 Owen Weetch
 Simone Varriale
 Ersin Hussein
 Joan Soldevila-Barreda
 Dr Sruti Das Choudhury
 Richard Puxty
 Mathew Robin
 Joseph Oldham
 Philip J Carter

2014-15

Grace Huxford
 Elisa Lopez Lucia
 Simon Edward Greenough
 Daniel Pearce
 Misato Matsuoka
 Daniel Phillips
 Georg Löfflmann
 Maurice Stierl
 Lei Shi
 Rebecca Ann Kaner
 A. Rhys Williams
 Joanna Rzepa
 Stefan Alexandru Rautu
 John Sidda
 Nazia Hussein
 Sarah-Jane Richards
 Sander Werkhoven
 Daria Luchinskaya
 Laura Wood
 Giacomo Mannironi

2015-16

Giacomo Comiati
 Joseph Cunningham
 Nicola Galley
 Violeta Kovacheva
 Thomas Machon
 Max Newbert
 Hidefumi Nishiyama
 Tobias Pforr
 Alison Struthers
 Jasmine Desmond
 Lewis Herrington
 Christopher Maughan
 Nicholas Taylor
 Alexander James Marsden
 Emma Parfitt
 Anja Humpert
 Karolina Hutkova
 Marco Cinelli
 Emilie Taylor-Brown
 Lucy Hatton
 Emine Erdogan
 Martina Piperno
 Berenike Jung
 Deborah Brewis
 Emanuelle Rodrigues
 dos Santos

Global Research Fellows

Dr Anne-Marie Broomhall
 Dr Paul Chleboun
 Dr Gemma-Louise Davies
 Dr Madeleine Fagan
 Dr Vaibhav Gadre
 Dr Jason Mast
 Dr John Meadows
 Dr Femke Molekamp
 Dr Graham Pattison
 Dr Jacomien Prins
 Dr Tara Puri
 Dr James Sprittles
 Dr Julie Walsh
 Dr Xiaowei Zhao

**Postdoctoral Research
Fellows 2013-2015**

Dr Roswithna Gostner
 Dr Charlotte Heath-Kelly
 Dr Christabelle Peters
 Dr Elena Riva
 Dr Zakia Shiraz

2011-2013

Dr Laura Schwartz
 Dr Paulina Sydor
 Dr Sara Trevisan
 Dr Katrin Wehling-Giorgi



Facilities & Staff

Millburn House

The Institute is located in Millburn House. Alongside offices for staff and visiting fellows, is the IAS has a seminar room for up to 35 people, a reception area and hot desking facilities for Early Career Fellows.

The seminar room and reception area are used for the Institute's weekly ACE meetings and are available to supported projects. They can be reserved at www.warwick.ac.uk/ias/facilities/seminarroom.

Cryfield Grange & Farmhouse

The Institute's residential facility, Cryfield Grange, is a Grade II listed Warwickshire farmhouse with some parts dating from the Tudor period.

During 2015-16 extensive remodelling work was completed. Cryfield Grange now offers high quality en-suite, self-catering accommodation that can host up to three visitors at one time. This attractive house with extensive gardens, is conveniently located adjacent to campus.

During the renovation of Cryfield Grange, the Institute's visitors were hosted at the Grade II listed Cryfield Farmhouse, situated on central campus. Some parts of this site date back to Palaeolithic times, with the modern house having been built in 17th century. From 1991 until 2015 The Farmhouse served as the Vice Chancellor's residence.



Institute Staff



Professor Giorgio Riello
Director

Giorgio Riello has been the Director of the Institute of Advanced Study since 2014. He is Professor of Global History and Culture, having joined Department of History at Warwick in 2007 and is currently director of the Global History and Culture Centre. As Director of the IAS, he has the opportunity to engage with all 34 Departments at Warwick, mentor the Early Career Fellows and host more than forty external visitors every year.



Dr John Burden
Programme Manager

John Burden is the Research Strategy and Programme Manager for the Institute of Advanced Study and works with the Director to develop and oversee the implementation of a broad-ranging research strategy capable of delivering the Institute's internal engagement and external funding priorities. He also has overall responsibility for the administrative operations of the Institute and for coordinating the delivery of its diverse portfolio of initiatives. John completed a PhD in Biological Sciences at Warwick in 1996 and, after a research career in academia and industry, returned to Warwick in 2010, spending six years working in research development before joining the Institute in early 2016.



Dr Rebecca Vipond
Research Officer

Rebecca joined the Institute in September 2015. Her role includes coordinating the Early Career fellowship scheme, leading the Academic Careers and Employability Programme for current Fellows, coordinating events for the wider postdoctoral community at Warwick and organising the Institute's Annual Symposium. Becky is also responsible for maintaining the Institute's webpages and Twitter Account. Rebecca completed a PhD in Chemistry at Warwick in October 2014 and then completed an Early Career Fellowship with the Institute of Advanced Study, while also holding a Teaching Fellowship in the Department of Chemistry.



Mrs Ann Brown
Programme Coordinator
(Maternity Cover)

Ann joined the Institute for Advanced Study in June 2016 as Programme Coordinator and is responsible for the operational management of the schemes offered by the Institute, including the Visiting Fellow programmes alongside a range of activities to support interdisciplinary engagement across academic units at Warwick. Ann has previously worked in academic departments at the University, in both undergraduate and postgraduate administrative roles, in Research & Impact Services. Ann has also been seconded to the Vice Chancellors Office as a Personal Assistant and to the RCUK Catalyst Seed Fund Project for Public Engagement with Research as a Project Administrator.



Mrs Rachel Hitchcox
Programme Coordinator

Rachel is currently on maternity leave having joined the Institute in March 2015. Rachel has worked at the University of Warwick since 2008, where she has worked in Human Resources, the department of Sociology, the Faculty of Social Sciences and the Pro Vice Chancellors office. Prior to joining the Institute, Rachel was part of the team managing the coordination of the FP7 EU funded project, GR:EEN (Global Re-ordering: Evolution through European Networks).



Dr Yuexi Liu
Senior Editor of Exchanges

Yuexi Liu joined the IAS as Senior Editor of Exchanges: the Warwick Research Journal in November 2015. From 2013-2014, she was editor of Postgraduate English, Durham University's online peer-reviewed literary journal. She holds a PhD in English ('Exterior Modernism: Evelyn Waugh and Cinema') from Durham University, where she also teaches undergraduate tutorials.



Mrs Tina Hoare
Programme Assistant

Having taken early retirement from a 30+ year career at Warwickshire County Council (latterly as HR consultant), Tina joined the University in May 2014 working as part-time administrator at the Institute. She undertakes administration for the International Visiting Fellow, Residential Fellow and other programmes, Institute seminar room bookings, data collection and analysis and finance-related matters.



Mrs Abbie Pritchard
Administrative Assistant

Abbie joined the Institute in March 2016 as a part-time Administrative Assistant. She is responsible for disseminating Institute news and advertising Institute events through the quarterly Newsletter, twitter account and website. She also assists in the co-ordination of the Academic Careers and Employability programme. Additionally Abbie gives administrative support to events including the Annual Symposium.



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