

Knowledge, Innovation & Enterprise

Conference Edition

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2018 KIE Best Paper Awards



Meet KIE2018 Conference Keynoters

Innovation & Enterprise: David Turner, PhD



David Turner, PhD, is Professor Emeritus of Education at the University of South Wales, and Professor at the Institute for International and Comparative Education, Beijing Normal University, a former Treasurer, World Council of Comparative Education Societies. He is a Fellow of the Academy for Social Science and Honorary Member of the British Association for International and Comparative Education. After graduating in engineering, Professor Turner became a science teacher in secondary schools for nine years, before moving into teaching in higher education. He has taught in a variety of higher education institutions, teaching comparative education at the University of London Institute of Education before moving to the School for Independent Study at the North-East London Polytechnic, now University of East London, UK. His book, *Theory of Education*, presented a novel approach to viewing education as a complex system, which is shaped by the choices that individuals within the system make. The book was very well received and won the World Education Fellowship

Book Award in 2005/6. That book was followed by *Theory and Practice of Education*, published in 2007. Professor Turner believes that the role of theory in education is to provide a coherent and stringent critique of policy, and by that means to provide a framework for improving educational institutions.

Creativity: Nathaniel Barr, PhD

Nathaniel Barr, PhD, is a Professor of Creativity and Creative Thinking in the Faculty of Humanities and Social Sciences, at Sheridan College, Ontario, Canada. He specializes in cognitive psychology. Previously, he was a postdoctoral research fellow at the University of Waterloo, Canada. An accomplished researcher, Prof Barr has published articles on the psychology of creativity, moral judgement, belief, and the intersection of thinking and technology. His research has been covered extensively in the media, including *Scientific American*, *Washington Post*, *CBC*, and *NPR*, and he has been interviewed on national and international radio and television programs. During his post-doc he conducted applied research for the Bank of Canada aimed at understanding the perceptual and decision processes involved in the authentication of currency. Prof Barr has taught courses on creativity, psychology, cognition, memory, and neuroscience.



Creativity: Karl K. Jeffries, PhD



Karl K. Jeffries, PhD, is a design lecturer and researcher at the University of Central Lancashire (UCLan). For the past decade, he has been the Course Director for UCLan's master's distance learning programme in creative thinking. His work draws together research from the psychological sciences and arts & design sectors, with a specialist focus on testing the relationship between competencies and creativity. He was the first researcher to publish a systematic review of the Consensual Assessment Technique (CAT) in relation to design research and to resolve issues of CAT reliability as a measure of graphic design creativity. His interest in creativity research began over twenty years ago as a means to inform creative training for design professionals, postgraduate, undergraduate, and tertiary design education. This led to the development of 'Creativity Diagnostic' software to accommodate the challenges of mass higher education at the time, and new research methodologies with which to explore the relationship between skills and creativity within the audiovisual and games design industry. Dr Jeffries' current focus is to help harmonise international protocols for the use of expert assessments in creativity research.

Creativity: Chris Wilson

Chris Wilson works in the Centre for Learning Innovation and Professional Practice at Aston University, United Kingdom, a globally renowned higher education institution and the UK's leading university for business and the professions. He is a classically trained musician and practitioner in the technological arts with degrees in music and philosophy, has presented and published internationally on the subjects of creativity, artistry, technology and education, including the book *Making Projects Sing: A Musical Perspective of Project Management*. Chris is a Principal Fellow of the Higher Education Academy, UK, and winner of KIE Best Paper Recognition Award (Creativity Category).



2018 KIE BEST PAPER RECOGNITION AWARDS

The Best Paper Recognition Awards are presented to the individuals judged by the *Creativity Experts Panel* of the *KIE International Advisory Board* to have written the best papers appearing in the annual KIE creativity volume. The award criteria are: (a) broad interest, b) clear and scholarly presentation, c) APA format, d) research or essay focus, d) scholarly presentation). The following authors received KIE 2018 *Best Paper Recognition Awards*:

Category: Creativity

Winner

Kathy Goff, Erik Guzik & Rex Jung: Digital Creative Problem Solving: The Beyonders Program.

Runner-Up

Chris Wilson, Aston University, UK, Michael Brown & Peter Lennox, University of Derby, UK: Engineering creativity: Exploring disciplinary difference as the basis for new pedagogical ideas.

Category: Enterprise*

Shih-Yu Chen, Athena Piterou, Suet Leng Khoo & Jin H. Chan, University of Greenwich, United Kingdom: The art hub in the World Heritage Site, Georgetown: a case study of creative sector entrepreneurship in the context of gentrification.

On behalf of the KIE Conference International Advisory & Review Board, I extend my congratulations to all the winners and I say a big well done to all the authors and co-authors in this volume.

James Ogunleye, PhD, FRSA
Chairman, 2018 KIE Conference

Acknowledgement

Creativity Expert Panel & Awards Judges

Fredricka Reisman, PhD, President, American Creativity Association Drexel University, USA & Professor Emeritus, Drexel University, USA

James Kaufman, PhD, In-coming President, American Creativity Association & a Professor of Educational Psychology at the University of Connecticut, USA

Larry Keiser, Treasurer, American Creativity Association & Director of Special Projects & Certification Officer, Drexel University, USA

Gerard Puccio, PhD, Department Chair and Professor, International Center for Studies in Creativity, Buffalo State University of New York, USA

*Enterprise Expert Panel & Awards Judges

◆ See kiecon.org website for full lists.

Profiles of Award Winners

Kathy Goff is the President of McGoff Creativity and Chief Creative Officer/Co-founder of Vast Learning Systems, a cloud-based edtech software company that focuses on creativity assessments and brain trainings. She earned a doctorate at the University of Georgia in Adult Learning and Creativity under Dr. E. Paul Torrance, the "Father of Creativity". Kathy served as Torrance's personal research assistant and collaborator for over 16 years. Goff and Torrance (2000) created the Abbreviated Torrance Test for Adults (ATTA), one of the first instruments to measure creativity in adults.

She is an internationally recognized author, researcher, educator, patented inventor, consultant and entrepreneur with over 3 decades of experience researching the creativity of people of all ages and backgrounds.



Kathy Geoff

Erik Guzik is co-founder and CEO of VAST: Next Generation Learning and executive director of the non-profit Virtual Problem Solving Program. Guzik received his PhD in economics from the University of Massachusetts Amherst. His research centers on the micro-foundations of creativity and software-based problem solving methodologies for improving learning outcomes and cognitive training. For his research into cloud-based learning and assessment, Guzik received the 2011 Creative Oklahoma Great Inspirations Award, the Oklahoma Journal Record's 2012 Creativity



Erik Guzik

Award, and Hewlett Packard's 2012 Catalyst Showcase People's Choice Award.

Rex Jung is an Assistant Professor in the Department of Neurosurgery at the University of New Mexico, and a neuropsychologist in private practice at Brain and Behavioral Associates, PC. He received his PhD in Clinical Psychology from the University of New Mexico and performed an internship at the Baylor College of Medicine. He is the author of over 100 research papers exploring the relationship between complex cognitive processes - including intelligence, creativity, and personality - and brain structure and function. He has been Principal Investigator on projects funded by the National Institutes of Health, Templeton Foundation, and National Endowment for the Arts.



Rex Jung



Kathy Geoff, Erik Guzik & Rex Jung



Dr Athena Piterou

Award Winners: Enterprise Category



Shih-Yu Chen, Athena Piterou, Suet Leng Khoo, Jin H. Chan, Department of Systems Management and Strategy, Business Faculty, University of Greenwich, London, United.



Chris Wilson



Michael Brown



Peter Lennox

Runner-up: Creativity Category



Chris Wilson, Aston University, UK, Michael Brown & Peter Lennox, University of Derby, United Kingdom