

# Knowledge, Innovation & Enterprise Conference

May 2021

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27-29 July 2021

## Contents

Brief Bios of keynote speakers:  
\*Kaufman Family Research Symposium .....2  
\*Big Data Analytics & E-Business ...3  
\*E. Paul Torrance Roundtable .....4

## Meet Conference Keynoters



**Theme: Leveraging Post-Covid Era of Technology-Enabled Business & Learning Opportunities**

**Keynoter: Elias G. Carayannis, PhD, George Washington University, USA**

entrepreneurship and regional economic development.

Dr Carayannis has several publications in both academic and practitioner journals, including IEEE Transactions in Engineering Management, Research Policy, Journal of R&D Management, Journal of Engineering and Technology Management, International Journal of Technology Management, Technovation, Journal of Technology Transfer, Engineering Management Journal, Journal of Growth and Change, Review of Regional Studies, International Journal of Global Energy Issues, International Journal of Environment and Pollution, Le Progres Technique, and Focus on Change Management. He has also published more than fifty books to date on science, technology, innovation and entrepreneurship with Springer, CRC Press, Praeger/Greenwood, Palgrave/MacMillan and Edward Elgar, and has several more projects

under contract.

Dr Carayannis is editor-in-chief of the Edward Elgar Book Series on Science, Technology, Innovation and Entrepreneurship; the Springer Book Series on Innovation, Technology, and Knowledge Management; the Palgrave MacMillan Book Series on Democracy, Innovation and Entrepreneurship for Growth (DIE4Growth), the Springer Book Series on Arts, Research, Innovation and Society (ARIS), the Springer Journal of the Knowledge Economy; the Springer Journal of Innovation and Entrepreneurship: A Systems View Across Time and Space and the IGI International Journal of Social Ecology and Sustainable Development; Associate Editor of the International Journal of Innovation and Regional Development and on the Editorial Boards of several academic journals.

**E**lias G. Carayannis, PhD, is a professor of Science, Technology, Innovation and Entrepreneurship and the director of research on Science, Technology, Innovation and Entrepreneurship at the European Union Research Center at the George Washington University School of Business in Washington, D.C. USA. His teaching and research activities focus on the areas of strategic Government-University-Industry R&D partnerships, technology road-mapping, technology transfer and commercialisation, international science and technology policy, technological

## 3rd Global CIE Forum

**Topic: 'Epistemological and Methodological Frameworks and Tools in International and Comparative Education Research'**

**Date: 29th July Venue: Online; Time: 16:00-17:30**

**Keynote Speaker: Michael Crossley, PhD, University of Bristol, UK**

**M**ichael Crossley is Emeritus Professor of Comparative and International Education, Senior Research Fellow, Founding Director of the Centre for Comparative and International Research in Education (CIRE) and Director of the Education in Small States Research Group, ESSRG, ([www.smallstates.net](http://www.smallstates.net)) in the School of Education at the University of Bristol, UK. He is an Adjunct Professor of Education at The University of the South Pacific and a Research Associate in CERC at The University of Hong Kong. In 2017- 2018 he was elected as President for the British Association for International and Comparative Education (BAICE). Professor Crossley is a former Editor of the journal Comparative Education, is the Founding Series Editor for the Bristol Papers in Education: Comparative and International Stud-

ies (Symposium Books), and is a member of the Editorial Boards for five leading international journals. Major research interests relate to: theoretical and methodological scholarship on the future of comparative and international education; education policy transfer theory and practice; research capacity and international development co-operation; and educational development in small states.

Professor Crossley has published around 250 articles and books in the field of Comparative and International Education. This work has developed a strong challenge to the uncritical international transfer of educational policy, practice and research modalities. In doing so, it is argued that "context matters" more than many policy makers and researchers recognise. Secondly, this trajectory of research points to the potential to be gained from a "bridging of cultures and tradi-

tions" within and beyond the Social Sciences if Comparative and International Education is to enhance its contribution to both policy development and the advancement of theory. He has supervised 50 doctoral students to successful completion and is a Fellow (FACSS) of the UK Academy for the Social Sciences. Recent publications include the book: Crossley, M., Arthur, L. and McNess, E. (Eds) (2016) Revisiting Insider-Outsider Research in Comparative and International Education. Oxford: Symposium Books.



## 2nd Kaufman Family Research Symposium

Topic: 'Translating Research to the Field: Probe to Practice'

Keynote Speaker: David Turner, PhD

Date: 28 July; Venue: Online; Time: 16:45-18:45



**D**avid 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. Professor Turner is the President of Global CIE Forum and 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. He is critical of much current policy in education, including the desire to see institutions ranked in league tables. He is committed to the view that the education system needs to *accommodate diversity in all its expressions*.

### Opening Remarks: Jennie Kaufman Singer, PhD



**D**r Jennie Kaufman Singer graduated from California School of Psychology – San Diego (now part of Alliant International University) with a Ph.D. in Clinical Psychology in 1995. She has had years of clinical experience working with police officers, and in federal and state prisons with both female and male high and low security offenders. She also has experience working as a clinical and administrative supervisor in the Paroles Division of the California Department of Corrections and Rehabilitation (CDCR). Additionally, she has had experience doing many forensic and psychoeducational assessment evaluations, used for securing resources and accommodations, or to give recommendations to the Yolo County district attorney's office, the public defender's office, or to CDCR.

Dr. Singer began teaching at Sacramento State University as an adjunct faculty in 2005 and has been a full-time faculty since 2007. She is currently a full professor and has published books and articles on mentally ill offenders, sex offenders, international prisons and policing, creativity in confinement, intellectual and achievement assessment, and rehabilitation program evaluation. Dr. Singer has helped to develop curriculum for the Criminal Justice Division and has mentored many students in the Criminal Justice Graduate program, helping them to finish their theses and to present data to regional and national organizations. Dr. Singer has consistently received funding (CDCR/the California Sex Offender Management Board, the Provost's Research Fellowship award, the RCA faculty award, and paid contracts with Yolo County Probation). Currently, she has an article being reviewed after revision for the peer-reviewed journal, *Victim and Offender* on the evaluation of the Ascend program, a unique rehabilitation program administered through Sacramento County Probation. The paper focuses on the results of a longitudinal program evaluation and posits that the Ascend program is a promising new program. The preliminary results of this evaluation have been presented at two national criminal justice conferences, students have presented posters at both regional and national conferences, and a white paper detailing the preliminary results of the evaluation has been written and presented to Sacramento County probation. She has had other white papers and peer reviewed articles on rehabilitation program evaluations and is also working with a professor in Iran on Covid-related mental health issues for the Iranian general population. She is returning to clinical work, with a focus on university students, faculty and staff as well as working on a variety of clinical and forensic assessments.

# 9th Big Data Analytics & E-Business Symposium

**Topic: 'Big Data Smart Future: How to Leverage Data Analytics and Artificial Intelligence for Post-Covid Recovery'**

**Speakers: Dominique Heger, PhD & Deryn Graham, PhD**

**Date: 28 July; Venue: Online; Time: 14:00-15:30**



**D**ominique Heger has over 30 years of data science and predictive analytics experience. He specializes in quantum computing, artificial intelligence (AI) and machine learning (ML), focusing on robotics and deep learning related projects. He is the owner and co-founder of DHTechnologies, an IT AI/ML consulting firm, Data Analytica, a big data, predictive analytics, and quantum computing company, Hotshot Analytics, a drone research and services company, as well as R3 Robotics, a company that focuses on AI robotics. All 4 companies are headquartered in Texas.

Dr Heger has successfully conduct-

ed large-scale AI/ML, robotics, quantum computing, and big data projects for companies such as Boeing, AT&T, LLNL, NERSC, Oak Ridge, Dell, QLogic, Wells Fargo, eBay, EOG Research, Google, Nvidia, ESPN, BHP, Oceaneering or CERN. Prior to being self-employed, Dominique worked for IBM, Hewlett-Packard (4 years at CERN in Geneva), and Unisys. Over the years, he has published over 40 papers and books with IEEE, CMG, or the IBM Press. Dr Heger holds an MBA/MIS from Maryville University St. Louis, and a Ph.D. in Information Systems from NSU, Florida. Next to his work in mathematics and data science, he very much enjoys spending time with his family, training horses in the Texas Hill Country, and the cowboy sport of team roping.

**D**eryn Graham, PhD, is a retired Senior Lecturer in the Department of Systems Management and Strategy at the University of Greenwich, United Kingdom (UK), formerly a Visiting Fellow in the School of Computing and Mathematical Sciences at the University of Greenwich, a Reader (Associate Professor) in New Zealand, a Visiting Professor at Mid Sweden University and a Lecturer at Brunel University, UK. Her background is in applied

Computer Science and Artificial Intelligence. Eur. Ing. Dr. Graham holds a PhD in Artificial Intelligence from Brunel University, a master's degree (MSc) in Computing Science and



a master's degree (MA) in Education. She is a European Engineer (Eur. Ing.), a Fellow of both the British Computer Society (FBCS) and the Higher Education Academy (FHEA), a Chartered Engineer (C. Eng.) and a Chartered Information Technology Professional (CITP). She has held significant grants, including a European FP5 project in Acoustic Emission applied to mechanically loaded Paper (AEP), and has published widely. Her most recent publications and research interests are in the areas of Big Data and Learning. She is currently collaborating as a Data Scientist with Data Analytica.

## Push for Success Workshop

**Topic: 'Motivating people in the Business World'**

**Chair: Elizabeth Achinewhu-Nworgu, EdD**

**Date: 29 July; Venue: Online;**

**Time: 11:30-13:00**



**Chair & Lead Presenter:** Dr Elizabeth Achinewhu-Nworgu, Director FLS & Senior Lecturer Business Management & IHRM – Ulster University UK & Ireland

## Research Student Workshop

**Topic: 'Data Analysis & Discussion'**

**Chair: Gertrude Shotte, PhD**

**Speaker: Vusi Mncube, PhD**

**Date: 28 July; Venue: Online; Time: 15:30-16:30**



**L-R:** Chair: Dr Gertrude Shotte, Middlesex University, UK & Keynote Presentation by Prof Vusi Mncube, Dean of the Faculty of Education, University of Fort Hare, South Africa

# 7th E. Paul Torrance International Roundtable on Creative Thinking

**First Part—Topic: “Concluding thoughts on the 70 Years of Research into Creativity following J.P. Guilford’s APA Presidential Address”**

**&**

**Second Part—Topic: “How Can Creativity Provide Innovative Solutions for Communities in Post-Covid Recovery?”**

**Date: Tuesday 27 July 2021; Venue: Online; Time: 15:30-18:30 (BST)**



**First Part Keynoters, L-R:** Scott Isaksen, Dean Keith Simonton, & Fredricka Reisman. Chair: Larry Keiser

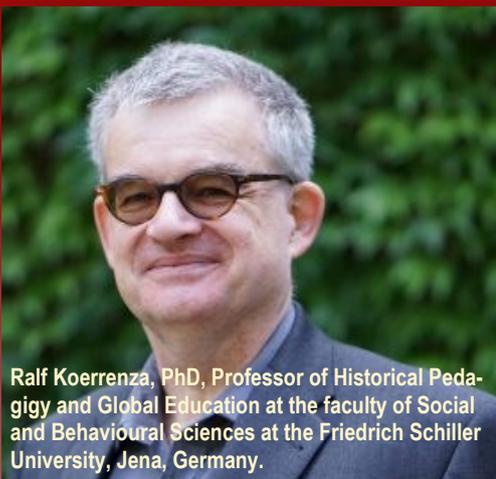


**Second Part Keynoters, L-R:** Keynoters Todd Lubart, Kobus Neethling, Pamela Burnard & Vlad Petre Glăveanu

## 3RD WORLD EDUCATION FELLOWSHIP CENTENARY LECTURE

**Topic:** ‘System School on the Test Bench: Challenges of the Present and Orientations for the Future’

**Keynoter:** Ralf Koerrenz, PhD  
**Date:** 29 July; **Venue:** Online;  
**Time:** 14:30-15:45



Ralf Koerrenz, PhD, Professor of Historical Pedagogy and Global Education at the faculty of Social and Behavioural Sciences at the Friedrich Schiller University, Jena, Germany.

## 7TH PRESENTATIONS OF THE REISMAN DIAGNOSTIC CREATIVITY ASSESSMENT SPECIAL INTEREST GROUP

**Chair:** Larry Kaiser, PhD

**Date:** 27 July; **Venue:** Online; **Time:** 14:00-15:30

Conference participants are cordially invited to attend the presentation/discussion of the **Reisman Diagnostics Creativity Assessment Special Interest Group (RDCA SIG)** that will take place on Tuesday 27 July 2021. Presentations will be Moderated by co-developer of the RDCA tool, Dr Larry Kaiser, Clinical Assistant Professor and Director of Special Projects & Certification Officer at Drexel University. The Reisman Diagnostic Creativity Assessment (RDCA) is a free downloadable Apple App (via iTunes) which captures eleven creativity research-based factors such as originality, fluency, flexibility, tolerance of ambiguity, resistance to premature closure, risk taking, intrinsic and extrinsic motivation, divergent and convergent thinking, and elaboration. Some items in the RDCA extends Torrance Tests of Creative Thinking (TTCT), which is predicated, in part, on the work of Joy Paul Guilford. The RDCA SIG honours Dr Reisman’s work.

