



**A SELECTION OF
PROFESSIONAL BIOGRAPHIES**

IN ALPHABETICAL ORDER BY FIRST NAME

About the Conference

Scientific knowledge and technology provides countries with the tools needed to support economic transformation and sustainable development. In emerging economies, science and technology institutions must now focus on areas over which they have influence - higher education and training, creating labour market efficiency, fostering technological proficiency and innovation – to diversify their countries' economic base and improve their competitiveness in the global marketplace. Moreover, science can make a valuable contribution to achieving the Millennium Development Goals (MDGs), improving the lives of those in emerging market and developing countries.

The National Institute of Higher Education, Research, Science and Technology (NIHERST), Trinidad and Tobago, the Organization of American States (OAS) and CSIR-National Institute of Science Technology & Development Studies (NISTADS), India, invites you to participate in their first joint conference entitled International Conference on Science and Technology for Economic Diversification-INSCITED-2013.

INSCITED 2013 seeks to promote scientific research collaboration between India, Trinidad & Tobago and other emerging economies facing similar developmental challenges. The Conference aims to introduce practical policy solutions to the following challenges:

- Weak links between science institutions and the private sector
- Outdated or non-existent science and technology policies in most countries
- 'Brain drain' associated with scientists, engineers and technicians leaving the region to work in developed nations; and
- Weak and thinly spread R&D institutions or centres

INSCITED 2013 will serve as a platform for interactive learning between India, Trinidad & Tobago, and international experts, policy-makers and researchers in the various areas of higher education and training, labour markets, and science and technology.

List of topics

1. Inclusive Growth and Economic Diversification

a. S&T policy for supporting economic diversification and sustainable development

2. Human Capital Development in a Globalised Setting

a. Leveraging the Diaspora for reverse brain drain

b. Emerging patterns of higher education - open and distance learning policies and systems

3. Technology and Sustainable Development

a. Promoting technology transfer in various sectors and to SMEs

b. Developing high technology and ICT-enabled businesses

c. Advanced materials and manufacturing

PROFESSOR AKANMU G. ADEBAYO



Akanmu G. Adebayo is Professor of history and Director of the Center for Conflict Management at Kennesaw State University, Kennesaw, Georgia. He was also formerly the executive director of the Institute for Global Initiatives at KSU. He received his education at the University of Ife (renamed Obafemi Awolowo University) and earned his PhD degree in history, focusing on economic history. He is author, co-author, and co-editor of many books, and his articles have been published in many scholarly journals. His latest publications include a co-edited book, *Marginality and Crisis: Globalization and Identity in Contemporary Africa* (Lanham, MD: Lexington Books, 2010), a monograph, *In the Sphere of the Dragon: China's Economic Relations with Africa in the New Millennium* (Ibadan School of History Monograph Series, No. 2, 2010), and an edited book, *Managing Conflicts in Africa's Democratic Transitions* (Lanham, MD: Lexington Books, 2012). In addition, he is editor-in-chief of the *Journal of Global Initiatives*. His current research projects are on African Diaspora, alternative dispute resolution (ADR) design in West Africa, and post-election dispute management in Africa.

PROFESSOR ANTHONY CLAYTON



Anthony Clayton is a professor of Caribbean Sustainable Development at the Institute for Sustainable Development at the University of the West Indies, Mona, Jamaica. He is has also been a Visiting Professor at the Centre for Environmental Strategy in the School of Engineering at the University of Surrey, and the Institute for Studies of Science, Technology and Innovation in the School of Social and Political Studies at the University of Edinburgh, Scotland. He is also Special Advisor to the President of the University of Technology, Jamaica.

Some of his research interests include:

- Strategies for national development, innovation and trade,
- Scenario planning, technology and socio-economic foresighting, and
- Public policy for science and technology, the social shaping of technology, the relationship between regulation and innovation, the public understanding of science and technology and the relationship between innovation and economic development

For his service and leadership excellence, he has been honoured with the 8th World Congress of Consuls Award of Excellence and the Principal's Research Award for 'Leadership of the Team that Developed the Foresight-Based Model of Development Planning'.

PROFESSOR ASHA SINGH KANWAR



Professor Asha Singh Kanwar became President and Chief Executive Officer of the Commonwealth of Learning (COL) on 1 June 2012. She has served COL for nine years, first as an Education Specialist – Higher Education and Policy and then as its Vice President for six years.

Before joining COL, Professor Kanwar was a consultant in open and distance learning at UNESCO's Regional Office for Education in Africa (BREDA) in Dakar, Senegal.

Professor Kanwar's engagement with distance education began when she joined the Indira Gandhi National Open University (IGNOU) where she served as Professor, Director of the School of Humanities and Pro-Vice Chancellor. Professor Kanwar has over 30 years of experience in teaching, research and administration.

A recipient of several awards and fellowships, Professor Kanwar brings with her the experience of having studied and worked in different contexts, both developing and developed. She received her undergraduate, Master's and MPhil degrees from the Panjab University in India and a DPhil from the University of Sussex. She was a Fulbright Fellow for post-doctoral research at Iowa State University, where she was later invited to teach. Professor Kanwar received the International Council for Open and Distance Education (ICDE) Prize of Excellence in 2009.

PROFESSOR BEN MARTIN



Ben Martin is Professor of Science and Technology Policy Studies, at the Science and Technology Policy Research Department (SPRU) at the University of Sussex, where he served as Director from 1997 to 2004. He is also an Associate Fellow at the Centre for Science and Policy (CSaP), and a Senior Visiting Fellow at the Centre for Business Research, and the Judge Business School, both at the University of Cambridge. He has carried out research for over 30 years in the field of science policy. He helped to establish techniques for evaluating scientific laboratories, research programmes and national scientific performance. He also pioneered the notion of ‘technology foresight’.

More recently, he has carried out research on the benefits from government funding of basic research, the changing nature and role of the university, the impact of the Research Assessment Exercise, and the evolution of the field of science policy and innovation studies. He has published seven books, eight monographs and official government reports, and over 60 journal articles. He is Editor of *Research Policy*, and the 1997 winner of the de Solla Price Medal for Science Studies.

DR. CAMELLA RHONE

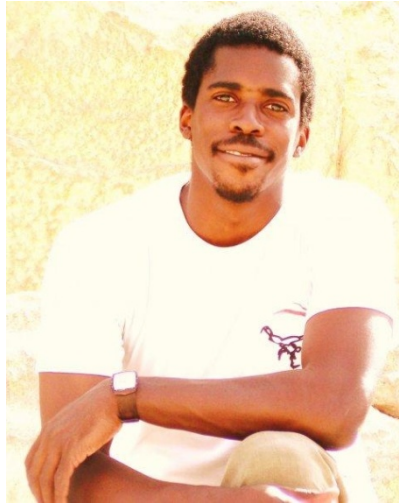


Dr. Camella Rhone has had several years of experience working in the public sector and in formulating and executing policy in respect of the ICT and quality sectors in the region. She is known in the Caribbean for her work in developing the Regional Information Technology Strategy (also called, the Regional Digital Development Strategy).

She has been active in developing and implementing several regional and national projects, related to strategic planning, trade facilitation, information and communications technology community projects, and other social development projects. She continues to serve the Region as the Chairman of the Caribbean Knowledge and Learning Network (CKLN) and its technology backbone, C@ribNet.

She has been the Executive Secretary and Chief Executive Officer of the CARICOM Regional Organisation for Standards and Quality (CROSQ). Her service at national level included her job as Executive Director of the Bureau of Standards, Jamaica, as Director General and Technical Head of the Ministry of Commerce, Science and Technology, and as Executive Director and Chief Executive Officer of the Office of The Metrication Board. Dr. Rhone's primary degree is in the sciences. She also holds a Masters and a Doctorate in Business Administration.

DR. CHANZO GREENIDGE



Dr. Chanzo Greenidge is an International Relations specialist and is currently part of the Project Management Unit of the ACP Migration Facility. His scholarship and social entrepreneurship has focused on the impact of global change factors on flows of information, talent, technology, commodities and money among communities, firms and governance institutions. He works and publishes in four (4) languages and has consulted several international organizations on migration and integration, sport for development, transnational identity politics and advanced information and communications technology.

Chanzo continues to focus on the usefulness of Critical Realism as a theoretical platform for practical action, research and strategic planning by communities, firms and governance institutions in the Global South. His current research interests centre on the intersection of Migration, Technology, Energy and Culture and he has pursued this research in Southeast Asia, the Middle East, North America and the Caribbean.

DR. DEBASHIS BANDYOPADYHAY



Dr. Debashis Bandyopadhyay secured his PhD in Molecular Biology followed by an MBA in Organizational Behaviour & HR and a degree in Intellectual Property Rights Law. He is specialised in S&T Planning & Management and Educational Administration. He has served under the Government of India's Department of Science & Technology (at Indian Association for the Cultivation of Science, Kolkata as Deputy Registrar & Executive Secretary) and the Council of Scientific and Industrial Research (initially with CSIR Headquarters, New Delhi and currently with Central Glass and Ceramic Research Institute, Kolkata as Principal Scientist), working extensively in the domains of strategic planning, human resource management and international collaboration.

He has participated in policy dialogues on quality assurance in trans-national higher education programmes and was intimately associated with establishment of the Academy of Scientific and Innovative Research and formulation of the Twelfth Five Year Plan of CSIR. His areas of interest encompass the fields of science & education policy, international relations and IPR regimes in the developing world.

DR. DEBBIE MOHAMMED



Dr. Debbie A. Mohammed is a lecturer in International Trade. Her areas of research include Caribbean competitiveness issues, firm strategies for developing services exports, regional economic integration and sustainable diversification strategies including renewable energies and food security. She has published a book and several articles in International journals and books relating to Caribbean economic issues. She currently serves on committees at the Ministries of Trade and Energy of the Republic of Trinidad and Tobago.

DR. GABRIELA TEJEDA



Dr. Gabriela Tejada works at the Cooperation and Development Center (CODEV) at the Ecole polytechnique fédérale de Lausanne (EPFL) in Switzerland (<http://cooperation.epfl.ch/>), where she is Project Leader of research on scientific diasporas and skilled migration. Her research agenda focuses on the linkages between skilled migration and home country development, and the determinants of diaspora transnationalism triggering knowledge transfer. She has studied countries such as Moldova, India, South Africa, Colombia and Mexico.

Her research has been funded by grants from institutions like the Swiss National Science Foundation, the Swiss Agency for Development and Cooperation and the Swiss Network for International Studies. She obtained her primary degree in International Relations from Universidad Iberoamericana (UIA), Mexico and a PhD Cum Laude in Political Sciences from the Universidad Autónoma de Barcelona (UAB), Spain.

MR. GERARD AHEE



Gerard Ahee is the Project Officer of Information and Communication Technology in the Distance Learning Secretariat of the Ministry of Tertiary Education and Skills Training. He has been primarily engaged with the creation of the country's first National Research and Education Network (NREN) called TTRENT launched in 2012. NRENs such as TTRENT are responsible, on a national basis, for the provision of data communications networks and services to the research and education community. NRENs typically connect other networks at regional and global level. Gerard was involved as a Coordinator with the Community based Distance Learning Centers Programme.

The holder of a BSc Computing from the University of Greenwich has also recently completed with the DIPLO foundation both an Internet Governance and Advanced Infrastructure Course under the Internet Governance, and ICT Policy Capacity Building Programme

PROFESSOR GORDON MACKERRON



Professor Gordon MacKerron is an economist specializing in energy and environmental economics with degrees from the University of Cambridge and the University of Sussex. His academic career has specialized in the economics and policy issues of electricity and especially nuclear power, in which he has published widely. His main research interests are in the economics and politics of short-term and long-term energy policy, especially in relation to sustainability and the possible trade-offs between different energy policy objectives. He specializes in the analysis of electricity systems, especially the economics, regulation and politics of nuclear power.

Professor MacKerron has been Director of Science and Technology Policy Research (SPRU) at the University of Sussex since 2008. He has frequently been Specialist Advisor or invited witness before House of Commons Select Committee inquiries on energy subjects. He has also assisted the UK Department of Trade and Industry in its consultation process leading up to a major Energy White Paper in 2003.

DR. JASON BLACKSTOCK

**Deputy Director of the Centre for Engineering Policy, University College London (UCL),
United Kingdom**



With a unique background spanning research physics, technology development, public policy and international affairs, Dr Jason J Blackstock is emerging as a leading international practitioner and scholar on the interface between science and global public policy.

Jason joined University College London in January 2013 as Deputy Director of the Centre for Engineering Policy and, together with Professor Brian Collins, is leading the creation of UCL's new Department of Science, Technology, Engineering and Public Policy set to launch in autumn 2013. Between 2008 and 2012, Jason developed and led research and policy engagement programmes from the International Institute for Applied Systems Analysis (Austria) and the Centre for International Governance Innovation (Canada) that examined the complex interactions between the scientific, political and global governance dimensions of our planetary climate and energy challenges. These programmes developed internationally recognized activities on the science and policy of emerging geo-engineering technologies, short-lived climate forcers and sustainable energy transitions, generating over two dozen scholarly and policy-oriented articles and publications (e.g. *Science*, *Nature* and *Green Futures*) and over 40 invited presentations to leading academic and policy institutions across five continents.

Jason obtained his Bachelor (Queen's, 2000; Canada) in English Literature, Master (Edinburgh, 2001) and PhD (Alberta, 2005) in physics, along with his Graduate Certificate in International Security (Stanford, 2006) and Master of Public Administration (Harvard, 2008). From 2003 to 2007, he worked as a Research Associate of Hewlett Packard Lab's Quantum Science Research Group. Jason is currently an Associate Fellow of the Institute for Science, Innovation and Society (InSIS) at the University of Oxford, and an Adjunct Associate Professor of the School of Environment, Enterprise and Development (SEED) at the University of Waterloo. In 2010, Jason was elected an Associate Fellow of the World Academy of Art and Science.

DR. JEFFREY PULLICINO ORLANDO
Chairman of the Malta Council for Science and Technology



Dr. Jeffrey Pullicino Orlando was a member of parliament for seventeen years, having successfully contested the four general elections held since 1996. He did not contest the general elections held in March, 2013. He has held the posts of shadow minister for telecommunications, head of delegation of the Maltese parliamentary delegation to the Parliamentary Assembly of the Council of Europe, Vice-President of the Assembly, and is currently Chairman of the Malta Council for Science and Technology.

Under his stewardship, the Council has seen a fourfold increase in its staff complement and has been entrusted with the administration of a budget available for its research and innovation fund, which has been increased substantially. It has achieved notable successes when it comes to increasing Malta's participation in the research sphere on an international level, particularly in the European Co-Operation in Science and Technology programme (COST) and the Seventh Framework Programme (FP7), which is the main financial tool through which the EU supports research and development activities covering almost all scientific and technological disciplines.

The Council has also been entrusted with the biggest project it has ever been involved in – The National Interactive Science Centre - which will aim at popularising science in Malta and increasing take up of science subjects by Maltese students.

DR. JORGE DURAN



For over 25 years, Dr. Jorge Duran has worked with the governments and private sector of the Americas in the design and implementation of technology driven development projects in Latin America and the Caribbean. Dr. Duran has served at the Organization of American States as Senior Advisor in Technology for Development, Senior Manager for Municipal Development and Capacity Building, and currently as Chief of the Office of Science, Technology and Innovation. He has been responsible for projects such as telecenters for development; micro business promotion through ICTs; teacher training via satellite; rural schools based telecenters; on-line training; computers for teacher colleges; municipal development in e-government and cadastre; scientific journalism and university curricular improvement, as well as for establishing many successful alliances with the private sector.

Previously, Dr. Duran was Director of Regional Cooperation and then Vice-President of International Affairs at the Latin American Institute of Educational Communication (ILCE) in Mexico City. Other positions include Advisor in Science and Technology Policy for the Presidency of Mexico and Special Assistant to the Mexican Ambassador at the U.N.

Dr. Duran has Masters' Degrees, in International Affairs and Science and Technology Policy, from The George Washington University and double B.A. in Psychology and Latin American Studies from The American University in Washington DC where he currently resides.

MR. JOSEPH WILLIAMS



Mr. Joseph Williams is the Manager for the Energy Programme at The Caribbean Community (CARICOM) Secretariat. In this capacity he has responsibility, inter alia, for coordination of regional energy policy coordination and for overseeing its implementation along with the development of a strategic approach to energy sector development among the 15 Members States of CARICOM. He is also manages the EUCARINET Project being executed by the CARICOM Secretariat. Some achievements include *the establishment of CARICOM Energy policy, establishment of regional targets for Renewable energy in the electricity sector, establishment of Caribbean Sustainable Energy Roadmap and Strategy as well as the establishment of CARICOM Energy Week for promotion of clean energy and sustainable energy in CARICOM.*

He has approximately 21 years experience in the energy sector. Before joining the CARICOM Secretariat Mr. Williams practiced in the private sector in Jamaica as an energy management consultant and as a manager for energy services and marketing in the electric utility.

Mr. Williams is a professional Mechanical Engineer and also holds a Master of Science in Engineering Management with emphasis in National Energy Policy and Planning; from the University of The West Indies. He is a certified energy manager by the Association of Energy Engineers USA.

MS. JUDITH ANN FRANCIS



Judith Ann Francis is Senior Programme Coordinator, Science and Technology Policy at the Technical Centre for Agricultural and Rural Cooperation ACP-EU (CTA) based in the Netherlands. Since joining CTA in 2003, she has been responsible for promoting science, technology and innovation (ST&I) for agriculture and rural development in the African, Caribbean and Pacific (ACP) Group of States. She has contributed to intensifying science and technology collaboration within and across the ACP regions and between the ACP and European partners. She has also championed the application of the innovation systems approach for transforming the agricultural sector in the 79 ACP member countries.

Prior to CTA, Judith worked with the Inter-American Institute for Cooperation on Agriculture (IICA), and before that as a researcher with the Caribbean Industrial Research Institute in her home country, Trinidad and Tobago. Judith holds post graduate degrees in Management, Food Technology and Human Nutrition; BSc honours in Science and; certificates in the Management of Technology and Innovation, ST&I Policy and, Evaluation of Science and Innovation Policies. She has held various positions in professional organizations including as president of both the Caribbean Association of Food Science and Technology and Caribbean Association of Nutritionists and Dieticians.

PROFESSOR KARL THEODORE



Karl Theodore is the Director of the Health Economics Unit (HEU), Centre for Health Economics at the University of the West Indies. He is Professor of Economics in the Department of Economics on the St. Augustine Campus where he has taught Health Economics and supervised research in this area for many years. He has published widely and has led a multidisciplinary team of professionals in producing a number of technical reports for governments and international agencies.

The work of the HEU team has been one of the main contributions to a better understanding of the economic impact of chronic non-communicable diseases and HIV/AIDS in the Caribbean, and a better estimation of the cost of responding to these epidemics. Over the years, Professor Theodore has also been an advisor and/or consultant to a number of governments and/or state agencies across the Caribbean region. Professor Theodore is now responsible for training a number of young economists in areas aimed at strengthening the health systems throughout the Caribbean.

DR. KASTURI MANDAL



Dr. Kasturi Mandal is a scientist at the National Institute of Science Technology and Development Studies (NISTADS), Council of Scientific and Industrial Research (CSIR), India. Her research interests focuses on the role of S&T in provisional public goods and cross-national comparative policies on innovation systems.

Her research has addressed topics such as the Economic Growth and Potential of Clean Energy Technology Development in India, and the Prospects of Green Occupations in India with special emphasis on skilled professions. She was team leader in a World Bank aided project on Arsenic abatement entitled “Subterranean Arsenic Removal: From Experiment to Delivery” and also worked as a research scientist in an European Union Project on “Low cost In-situ treatment of arsenic in ground water.”

Dr Mandal has a Ph.D in Environmental Science from the Jadavpur University, Kolkata, India.

DR. KAVITA MEHRA



Dr. Kavita Mehra is Ph. D. in Botany (Plant Morphogenetic studies) from Delhi University.

She is a Chief scientist in NISTADS. For the past 25 years she has been engaged in Science, Technology and Society related studies especially in the areas of innovation, technology transfer and commercialization of technologies across various sectors as Biotechnology, Floriculture, Sericulture, and Dairy etc. She has been involved in the grass root level work with artisans and farmers to know the innovations in the informal sectors. She has successfully completed a number of sponsored projects as project leader. She was a part of European Union sponsored study in collaboration with various Indian and European partners from different countries. Kavita Mehra has published a number of research papers in various international journals, and has presented research papers in several national and international conferences. She has delivered invited lectures in India and abroad along with chairing various sessions. She has written chapters in the International Handbook of Innovation as well as in a Text Book on 'Action Research Methodologies' practiced across countries.

DR. KEILOR ROJAS-JIMÉNEZ
Vice Minister of Science and Technology, Costa Rica



Dr. Rojas-Jimenez has a PhD in Natural Sciences from the University of Marburg, Germany; is a master's graduate in biology from the University of Costa Rica and a forestry engineer from the Technological Institute of Costa Rica.

He has extensive experience and studies in the field of biotechnology and has conducted research for universities and public and private companies in the field of natural science, biology, bioinformatics, genetics, environmental microbiology, and biocontrol biofuels.

Dr. Rojas-Jimenez has been a research scientist at various research centers in Germany, Mexico, Spain and Costa Rica. He is a professor at two universities in Costa Rica and the founder of a biotech company. He participates regularly in activities of negotiation and international cooperation with the European Union, the OECD, the Inter-American Development Bank and World Bank. He has several publications in scientific fields in issues related to science, technology and innovation.

MR. KIRON NEALE



Mr. Kiron Neale is a first class honours graduate of the University of the West Indies (U.W.I.), St. Augustine, Trinidad and Tobago. Majoring in both Geography, and Environmental and Natural Resource Management, Kiron is now the recipient of the coveted Commonwealth Caribbean Rhodes Scholarship 2013. He is expected to pursue his postgraduate studies at the University of Oxford in the United Kingdom later this year.

Mr. Neale has active academic interests in energy and the environment in the context of climate change. He hopes to further his research on solar energy, energy security and sustainability set against the industrial backdrop of a hydrocarbon dominated economy. He also intends to delve into the impacts of energy usage on the environment by more profoundly exploring the human-environment relationships whilst at Oxford. Kiron is aiming to tailor his postgraduate research to reflect the Caribbean's economic flavour especially as it pertains to Trinidad and Tobago.

DR. MARIA DEL PILAR MONSERRAT PEREZ HERNANDEZ



Dr. Maria del Pilar Monserrat Perez Hernandez is a full time Professor and Researcher at the Centre for the Research in Economics, Management and Social Sciences at the National Polytechnic Institute in Mexico. She was also the Chief of the Technological Transfer Office at the Polytechnic Unit for Development and Entrepreneurial Competitiveness at the Polytechnic Institute.

Her research interests include Intermediate Organizations and their role to foster Innovation Activity in Developing Countries, Indicators of Innovation, Science and Technological Activity in Mexico, Technological Management of Public Research Centres and SMEs, and Enterprise-University Linkages in Mexico.

She has a PhD in Economics and Management of Innovation and Technological Policy from the Universidad Autonoma de Madrid.

MR. MICHAEL LIM



Mr. Michael Lim, a national of the Bahamas, is an economist in the Division on Technology and Logistics at the United Nations Conference on Trade and development (UNCTAD). He does research on, and provides technical assistance in the area of, science, technology and innovation (STI) in developing countries, in particular the question of how these countries can harness STI to solve development problems. His main activity is the preparation of Science, Technology and Innovation Policy (STIP) Reviews of developing countries, which aim to evaluate the STI capabilities and technological and innovative performance of a country and to review their national policies on STI development.

He has also worked on various other development issues, including foreign direct investment, foreign portfolio investment and capital market development, international capital flows, financial crises and external debt. Before moving to UNCTAD he worked in the areas of the balance of payments, international trade, banking systems, financial regulation and monetary policy at the Central Bank of The Bahamas.

PROFESSOR WINSTON G LEWIS



Professor Winston G. Lewis is currently the Deputy Dean of Enterprise Development and Outreach, the Interim Manager of the Engineering Institute, and Chairman of the Continuing Engineering Education Centre in the Faculty of Engineering at the University of the West Indies. He holds a Bachelor of Science Degree and a Master of Philosophy Degree both in Mechanical Engineering from the University of the West Indies, and a Doctorate in Industrial/Metallurgical Engineering from the Technical University of Nova Scotia.

His research and development work is in the areas of Metallurgical & Industrial Engineering, Sheet Metal Forming, Manufacture of the Steelpan Musical Instrument, Applied Ergonomics and Workplace Design, Engineering Quality Management and Nano-technology.

Professor Lewis was honored by the World Congress of Arts, Sciences and Communications in 2007 with the prestigious Lifetime Achievement Award for Excellence in Leadership, Service to the Engineering Profession and Country, and Outstanding Academic Achievements in Teaching and Research. He was awarded the International Order of Merit at the World Forum of Arts, Sciences and Communications in St. Catherine's College, Oxford, England in August 2008, and he is an ambassador of the World Congress of Arts, Sciences and Communications. In recognition of his numerous contributions to the advancement of teaching and learning, Professor Lewis was awarded the UWI/Guardian Life of the Caribbean Premium Teaching Award in 2004. He was invited by the United Nations to be a Policy Advisor on the UN Millennium Project in the areas of engineering and innovation.