



Global Education Dialogues

The East Asia Series

Co-innovation for social and economic growth
13 - 14 February 2014
Pullman Phuket Arcadia, Phuket, Thailand



โครงการ พัฒนานักวิจัยและงานวิจัย เพื่ออุตสาหกรรม-พวอ.

Research and Researchers for Industries

As an integral part of the economy the industrial sector has a most important role to play in the development of Thailand's economy, especially the small to medium-size enterprises which comprise 99.8% of the nation's enterprises and 78.2% of non-governmental employment. In order to assist industry to adjust to the government policy of knowledge-based economy, the Thailand Research Fund (TRF) has launched the "**Research and Researchers for Industry Programme, RRI**", which consists of four types of activities namely: (1) research funding for master degree students; (2) research funding for Ph.D. degree students; (3) funding for innovative research work or research to solve industrial-based problems; (4) developing networking among researchers in academia and industry both in the local and international arena.

Objectives

1. To support the preparation of master and doctoral researchers for industry, and develop industry's researchers by working on research topics from industry.
2. To support research that solves industrial problems or creates new technologies which enhance competition and lead to sustainability.
3. To provide a mechanism for inducing research collaborations between universities and industry, particularly small and medium enterprises (SMEs).
4. To support the creation of networks among researchers in the universities and local and global industries.



Principal Missions

Provision of Grants for a Master Degree Scholarship Programme:

300,000 baht grants to be awarded to academic advisors for M.Sc. students to conduct research on topics provided by industry. The grant is to be used for the student's tuition, research-related expenses, monthly allowances and advisor's compensation.

Provision of Grants for a Doctoral Degree Scholarship Programme:

1,720,000 baht grants to be awarded to academic advisors for Ph.D. students to conduct research on topics provided by industry. The grant is to be used for the student's tuition, research-related expenses, monthly allowances, and advisor's compensation, with additional support for travel expenses for the advisor, student and the co-advisor in the case that the research is partially conducted outside the country.

Provision of Grants for Innovative Research Projects or Research Projects to solve Industrial-based Problems:

Approximately 5,000,000 baht grants (to be co-funded by the associated industrial partner) to be awarded to researchers to conduct research that solve important industrial problems or create new industrial innovations.

Support for network building between university, national industry and global industry

Support to be provided to stimulate and facilitate collaborations between researchers in academia, local and international industries.



East Asia

East Asia faces a fundamental question in how to sustain or even accelerate the economic growth of recent decades. The emphasis is on higher productivity and competitiveness in an increasingly global market with investment in human capital, research and development (R&D) and technological progress. Investing in education—particularly higher education—is a crucial part of East Asia's drive toward greater productivity, growth, and technological development. With five universities in the top 50 Times Higher Education World University Rankings¹ 2012-2013, a global university performance table used to judge world class universities, it is clear that East Asia is a region undergoing a transformation - putting education at the heart of this change.



What is a Global Education Dialogue?

In this international environment, it is important to collaborate globally and work together in meeting the challenges and finding solutions. A Global Education Dialogue brings together key policy-makers and influencers so that they can reflect on and debate the challenges and opportunities facing international higher education. It is a facilitated dialogue between governments, universities and industry with contributions and fresh perspectives from our network of leading thinkers. Each event therefore provides space and time for participants to explore the shifting international higher education landscape - with its rapidly changing expectations and responsibilities - so that they are better equipped to play their role in the future-proofing of higher education in their countries.



The East Asia Series

In today's globally integrated economy, universities face common challenges - about the education and skills they offer young people; the networks they must build to be successful in research; the challenge in responding to the needs of local and global communities through transnational provision; and what the changing international landscape means for university leadership. The East Asia Series provides a programme of dialogues to frame the debate on the issues affecting higher education in East Asia and the UK. Each Policy Dialogue features the latest thinking in its area with new research and input from government and industry leaders. Papers and research from the policy dialogue will be published so that they can contribute to evidence-led policy developments.

The East Asia region covers fourteen countries and territories - Australia, China, Hong Kong, Indonesia, Japan, Korea, Malaysia, Myanmar, New Zealand, Philippines, Singapore, Taiwan, Thailand, Vietnam, with the majority of participants from these countries and the UK, although there are also other participants from Europe and the United States. Each Policy Dialogue has a specific and focused agenda, with a limited number of places in order to maximise knowledge sharing and interaction.

¹ University of Tokyo, Japan (27), National University of Singapore (29), The University of Hong Kong (35), Peking University, China (46), Pohang University of Science and Technology, Republic of Korea (50)

BEIJING CHINA

17th October 2013

The Impact of Digital Technology on Higher Education Institutions

**Organised by Cultural and Education Section of
British Embassy and China National Academy of
Education Administration**

With the development of digital technology, the past few years have seen emergence and boost of its massive application in higher education, such as MOOCs, which is playing an increasing role in changing the pattern of higher education at a global scale. Since the changes become inevitable, what will be the impact of technology on future higher education? Will it bring new and innovative approaches to traditional way of teaching and learning? How will it reshape the future of research activities and its international collaboration? What challenges and opportunities will it bring to transnational education? This regional policy dialogue will bring together education leaders, researchers and distance learning experts to exchange ideas and share practices. Please e-mail IHE@britishcouncil.org.cn to register your participation.

HO CHI MINH CITY VIETNAM

16/17th December 2013

Connecting Asia

Preparing higher education to meet the demands of the 21st century

Middle-income countries in the Asia are looking increased growth. This requires an increase in productivity and quality. Higher education's contribution to this objective is critical because it develops the high-level and research skills that are needed to use and adapt new technologies – these are the drivers for growth and productivity. For universities to be able to respond to national growth challenges, they need to be able to deliver the skills that are needed for productivity and competitiveness. This means that they have to be connected to the world of work, to each other and to research institutions, both in their own countries and internationally. However, higher education in the region is not yet connected in this way and would benefit from networked information systems, increased capacity and incentives that will encourage universities to make the connections that are needed with industry. This conference will explore the causes of some of these disconnects and will explore the roles financing, government leadership and institutional management to achieve these aims against other regional case studies. The event will also explore the role of quality assurance and tools such as NQF as ways of ensuring that ASEAN region delivers the challenging growth targets it has set itself.

DUBAI

28/29th November 2013

The future of Higher education in Asia

**This is a joint Dialogue, organised by the British Council
South Asia and East Asia regional teams.**

What are the challenges and opportunities facing universities in the 21st century? How can universities be truly global? How will technology influence the development of the university? How will innovation change the way research is conducted and the way students learn? This event looks right across Asia, taking a unique view, from the position of the university as a 21st Century institution, looking at the needs of the leadership, faculty and students to understand the most critical issues ahead.

HONGKONG

17/18th February 2014

Inclusive Leadership

It is unarguable that Higher Education Institutions (HEIs) are facing significant and unprecedented challenges that demand more effective, agile and flexible systems and processes. In parallel, traditional and well established leadership and administrative models also need to be reframed, revisioned and retooled, not least in the context of the unheralded internationalisation of HEIs. Positioning HEIs as global players means they must not only incorporate inclusive leadership practices into their strategies, but they must also find ways of implementing such practices in order to remain competitive and to foster collaboration with public and private sector partners. Building on existing talent, facilitating diversity and enhancing the cross disciplinary capacity of all its members, inclusive institutions ensure that everyone has a voice and an opportunity to influence decisions. This event discusses how, irrespective of background, discipline and or status, inclusive institutions can support and develop all staff in their professional and academic journeys.

TOKYO JAPAN

6/7th March 2014

Reputation Management in Higher Education

**Organised by British Council Japan | Supported by
Times Higher Education and the World 100 Reputation
Network | This event will include the launch of
the 2014 THE World Reputation Rankings on the
morning of March 6th.**

Reputation is an increasingly vital component for universities. Research has shown that a university's reputation is a major priority for academics changing jobs and is the top consideration for internationally mobile students, above tuition fees and course content. Reputation is also key in attracting collaborative partnerships and funding from alumni, philanthropists and industry. Reputations can soon be built and lost in our technologically connected world where information travels fast and can impact globally. If a university thrives, the value of its brand increases, in turn attracting the best academics, students and increased funding. This dialogue will review the theme of reputation management in higher education and take the discussion forward with key figures from across the region and beyond. The rapid ascent of Asian institutions in the rankings has been well documented and the appetite in the region for discussion of this topic has never been greater.

JAKARTA INDONESIA

3rd March 2014

A smarter internationalisation agenda: who benefits?

This event considers the opportunities for a tri-cameral approach to internationalisation between Indonesia, the UK and Australia. Looking across the full range of higher education activities, the event will investigate areas of mutual benefit to the three nations working together and explore possible sources of funding to ensure these programmes are sustainable.



PHUKET THAILAND

13/14th February 2014

Co-innovation for social and economic growth

Organised by British Council Thailand in partnership with Research and Researchers for Industries (RRI), The Thailand Research Fund

The conference will look at the opportunities and challenges in utilising findings from research for the benefit of the community, society, and the national economy. It will consider the 'Triple Helix' approach and explore how academic research can work with industry, entrepreneurs and the government to find innovative ways to collaborate. The conference will also highlight how universities can use research networks and partnership with industry to enhance research capacity and innovation for social and economic growth.



Programme

Global Education Dialogue: Co-innovation for social and economic growth
13 - 14 February 2014, Pullman Phuket Arcadia, Phuket, Thailand

Time	Day One – Thursday, 13 February 2014
08.30 - 09.00	Registration
09.00 - 09.30	Welcome Remarks by <ul style="list-style-type: none"> • Mr. Maitri Inthusut, Governor of Phuket • Mr. Chris Gibson OBE, Country Director, British Council Thailand • Prof. Suthipun Jitpimolmard, MD FRCP, Director, The Thailand Research Fund
09.30 - 10.15	Keynote : Triple Helix Challenges and Opportunities By Prof. Richard Bees Davies , Vice-Chancellor, Swansea University
10.15 - 10.25	Break
10.25 - 11.55	Plenary: Building platforms and creating mechanisms to drive triple helix in ASIA context (Structures) Triple helix is an essential mechanism leveraging innovation growth. The notion of triple helix has emerged and is widely practiced in Western countries where managerial environment and culture are different to the Asia region. The primary objective of this session is to seek active mechanisms as well as activities supporting innovation through triple helix collaboration taking into consideration specific attributes of Asian culture. <ul style="list-style-type: none"> • Prof. Dr. Chachanat Thebtaranonth, Senior Advisor, Research and Researchers for Industries Programme, The Thailand Research Fund • Prof. Dr. Patarapong Intarakumnerd, National Graduate Institute for Policy Studies (GRIPS) Japan Chair: Ms. Caroline Chipperfield , Deputy Director Education - East Asia, Education, British Council
11.55 - 13.00	Lunch
13.00 - 14.30	Plenary: Mechanisms supporting sustained collaboration among government, industry and university (relationships & processes) Collaboration between government, industry and university is recognised as a key leverage for the growth of innovation. However, there are several potential pitfalls for such collaboration. This session aims to explore existing and potential mechanisms supporting lasting partnerships and collaboration with speakers who have strong background in collaboration between the three key areas.

- **Dr. Yong-Chie Heng**, Dean of Research and Development, National Taiwan University of Science and Technology
- **Dr. Perapong Tekasakul**
Vice president of Research and Graduate Studies, Prince of Songkla University
- **Prof. Dr. Aung Min**, Rector, Yangon Institute of Education, Myanmar

Chair: **Asst. Prof. Dr. Akkharawit Kanjana-Opas**, Prince of Songkla University Science Park, Thailand

14.30 - 15.30 **Plenary: Building sustainable research and innovation – funding needs and partnerships (relationships/partnerships)**

The success of technological innovation relies on appropriate research questions and financial support. This session will explore creative solutions and initiatives for the instigation of strong collaborations and partnerships.

- **Mr. Simon Grimley**, Regional Representatives EURAXESS Links ASEAN
- **Mr. Terry Pollard**, Associate Consultant, Isis Innovation, Oxford University

Chair: **Mr. Matt Crossman**, Southeast Asia Regional Director, Science and Innovation,
The Foreign and Commonwealth Office

15.30 - 15.40	Break
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15.40 - 16.40 **Plenary: The role of triple helix in supporting technology transfer – Transportation industry (opportunities/challenges)**

The transportation sector consists of complex and high-end technologies, which can be utilised in diverse industries. Further successful development of technologies in this industry requires the consideration of multiple perspectives from diverse potential users. The triple helix movement is crucial to generate both incremental and radical innovation from technology transfer in this industry. This session looks at mechanisms employed to encourage effective complex technology transfer in the transportation industry as well as technology utilisation in other industries.

- **Prof. John Roberts**, Director Asian Region, NewRail, Newcastle University
- **Dr. Rungroge Kamoldejdech**,
National Science Technology and Innovation Policy Office, Thailand

Chair: **Prof. Dr. Patarapong Intarakumnerd**, National Graduate Institute for Policy Studies (GRIPS), Japan

16.40 - 17.40 **Plenary: The role of triple helix in supporting technology transfer – food industry (opportunities/challenges)**

Thailand, with its deep agricultural traditions and abundance of natural resources is one of the world's largest and most advanced producers and exporters of processed food products. With technology advancement, Thailand can become a potential global leader in terms of food products. It is therefore essential to explore potential collaborations which can manifest both product and process innovation in this industry. This session aims to spark discussions and come up with initiatives driving innovation growth in this industry.

- **Assoc. Prof. Dr. Apichart Vanavichit**, Rice Science Center, Kasetsart University
- **Dr. Rutjawate Taharnklaew**, R&D Director, Assistant Vice President, Betagro Group

Chair: **Asst. Prof. Dr. Akkharawit Kanjana-Opas**, Prince of Songkla University Science Park, Thailand

17.40 - 17.50 Feedback from Discussion by
Dr. Poomporn Thamsatitdej, College of Innovation, Thammasat University

18.30 - 20.30 Welcome Reception at Sunset Deck, Pullman Phuket Arcadia, Thailand

Day 2 Friday, 14 February 2014

08.45 - 9.00 Introduction Day 2 by **Dr. Poomporn Thamsatitdej**, College of Innovation, Thammasat University

09.00 - 10.00 **Plenary: Researcher Links - International Research Collaboration**

International research collaboration is essential for the global knowledge economy, and evidence shows that internationally mobile researchers tend to be more productive. Furthermore, a shared research interest can help to build trust and relationships between people from very different backgrounds and cultures. This session will focus on international collaboration opportunities for researchers.

- **Dr. Claire McNulty,**
Head of Science and Sustainability, Education and Society, British Council UK
- **Assoc. Prof. Parichat Hongsprabhas,**
Assistant Director for International Research Network, The Thailand Research Fund

Chair: **Ms. Uraiwan Samolee**, Head of Business Development, Education, British Council Thailand

10.00 - 10.15	Break
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10.15 - 11.45 **Plenary: Enabling innovation – Creating Start-up companies (opportunities/challenges)**

Collaboration between researchers and industries can instigate economic advancement through driving new business. The start-up scheme is the latest mechanism which has been applied to seek collaboration between higher education and business sectors. In this session we will explore the opportunities, challenges and potential of such collaborations.

- **Prof. Richard Bees Davies**, Vice- Chancellor, Swansea University
- **Mr. Terry Pollard, Associate Consultant**, Isis Innovation, Oxford University

Chair: **Prof. Dr. Amaret Bhumiratana**, Director of Royal Golden Jubilee, The Thailand Research Fund

11.45 - 11.55 Summary by **Dr. Poomporn Thamsatitdej**, College of Innovation, Thammasat University

11.55 - 12.05 Closing Remarks: by **Ms. Caroline Chipperfield**,
Deputy Director Education – East Asia, Education, British Council

12.00 - 13.00	Buffet Lunch
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13.00 - 14.30 **Workshop/Round-table group reflections on enhancing the role of educational institutes towards supporting triple helix approach (next steps)**

In a knowledge-based society, the collaboration between universities and industries is crucial. However, knowledge and technology transfer between two parties can face obstacles due to conflicting objectives and concerns. This workshop will explore how to develop mutual understanding and common objectives of both parties to foster sustainable economic growth.

By **Dr. Claire McNulty**,
Head of Science and Sustainability, Education and Society, British Council UK

Biographies of Guest Speakers



CHRIS GIBSON OBE
British Council Country Director, Thailand

Chris started working for the British Council in 1990, and prior to that he taught English as a foreign language in Bahrain, Saudi Arabia, and Algeria. He started work as a Deputy Manager in the teaching centre in Muscat, Oman. He then moved to Qatar as Teaching Centre Manager before returning to Muscat as Teaching Centre Manager in 1994.

In 1997 he moved to London as Regional Manager responsible initially for teaching operations in Europe, the Middle East and Africa. The role was later expanded to include all examination work in these three regions too. In 2000 he moved to Greece as Deputy Country Director and two years later moved to Belgrade as Country Director, Serbia and Montenegro. After four years, in 2006, he moved to Chennai (Madras) as Director South India responsible for the delivery of British Council activity in the four southern states from four offices based in the region. He led the region's large scale English project, Project English. The project was launched in November 2007 and since then has worked with over 5,000 master trainers and 750,000 teachers impacting on over 50 million pupils and students through large scale state contracts.

Since arriving in Thailand he has overseen the expansion of British Council activity, with the opening of two new offices in Bangkok and in strengthening relationships with the signing of a Memorandum of Understanding between the Thai Ministry of Education and the British Council in March 2013. The Memorandum supports English Language Assistants in schools and colleges, English language software for the Government's one child one tablet project and support in vocational education.



PROF. DR. SUTHIPUN JITPIMOLMARD
Director, The Thailand Research Fund

Professor Suthipun earned his degree in Medicine from Khon Kaen University in 1981, and was a Fellow at the Neurology Unit of Ramathibodi Hospital, Mahidol University, under Prof. Athasit Vejajiva, before he furthered his studies at the Institute of Neurology, University of London as a British Council Fellow. He received his diploma from the Thai Board of Neurology in 1996 and from the Khon Kaen University ten years later for Research Methodology and Biostatistics.

Prof Suthipun has played important roles in Khon Kaen University, particularly in the field of research and has published 45 scientific papers in International Journal. He continues to be a consultant neurologist at Srinagarind Hospital, Khon Kaen University, and a well-respected Professor of Neurology.

For his honourable work and achievements in his field, he has received two prestigious decorations: Knight Grand Cordon of the Most Noble Order of the Crown of Thailand in 2008; and the Knight Grand Cordon of the Most Exalted Order of the White Elephant in 2013. Earlier this year, he was named Director of the Thai Research Fund.



PROF. RICHARD BEES DAVIES
Vice-Chancellor, Swansea University

Professor Davies has been the Vice-Chancellor of Swansea University since 2003. Under his leadership, the University has adopted a radical and ambitious agenda for change, building on strengths and attracting substantial external investment to accelerate the pace of development. This includes a £450million Science and Innovation campus currently under construction and in which industrial R&D and training will share facilities with academic research and teaching.

He has a number of responsibilities at a European level, including representing UK Universities on the Research Policy Working Group of the European Universities Association, chairing the Welsh Higher Education office in Brussels, and membership of the European structural Funds Programme Monitoring Committee for Wales.

As an applied statistician, he has worked extensively with industry and has also undertaken contract research for government ministries. He was previously head of a RAE 5* department and Pro-Vice-Chancellor at Lancaster University.

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Asst. Prof. Dr. Akkharawit Kanjana-Opas

Prince of Songkla University Science Park



Asst. Prof. Dr. Akkharawit Kanjana-Opas is an Assistant Professor in Marine Biotechnology and a director of Prince of Songkla University Science Park. Dr.Kanjana-Opas's responsibilities, as a director of Prince of Songkla University Science Park, involve intellectual property management and technology transfer, business incubation as well as collaborative research of the university.

Dr.Kanjana-Opas received his Ph.D. in Marine Chemistry from Scripps Institution of Oceanography, University of California San Diego and has been trained in the fields of intellectual property and technology transfer in several countries including Japan, Germany, Italy, Sweden, Singapore and Thailand. He has been qualified as a Thai professional patent agent and has taught several topics related to intellectual property in various universities in Thailand.

Prof. Dr. Amaret Bhumiratana

Director of Royal Golden Jubilee, The Thailand Research Fund



Professor Amaret Bhumiratana is currently Director of The Royal Golden Jubilee Ph.D. Programme, The Thailand Research Fund, Thailand. Formerly, he was an Executive Vice President of Mahidol University, and Dean of Faculty of Science, Mahidol University. He received a number of awards from Thailand and overseas institutions. His main interests have been in commercialization of research findings in the areas of microbial controls of insect pests and of food fermentation. He published more than eighty publications in peer review journals.

Prof. Amaret graduated with B.S. degree in 1970 from University of California at Davis, USA and with PhD degree in 1974 from Michigan State University, USA. He was an academic staff member of Faculty of Science, Mahidol University from 1974 to 2010 before moving to his current position at TRF.

Assoc. Prof. Dr. Apichart Vanavichit

Rice Science Center, Kasetsart University



Dr. Vanavichit is a plant breeder-turned biotechnologist. His Ph.D. Programme in Oregon State University was a crossroad for his career as he experienced not only professional plant breeding but also molecular genetics. His extended research as a post-doctoral at Department of Botany, University of Georgia, gained him much skill and knowledge in molecular genetics before returning to his home country, Thailand. He then initiated the genome project trying to improve Jasmine rice to withstand flashflooding, drought, heat, salinity, diseases and insects problems. In 2000, he led the Thai scientific team to participate in the International Rice Genome Sequencing Project (IRGSP), an international consortium consisting of 9 nations, aiming to decipher the whole genetic code for rice. His accomplishment in discovering aromatic gene in rice was the most significant contribution to the intellectual properties of the Thai Jasmine rice and basic knowledge for the rice world. He is now directing the Rice Gene Discovery (RGD) and Rice Science Center at Kasetsart University. His research center owns several new Jasmine rice varieties that are more adaptable to sustainable, organic farming. His current research activities on environmentally friendly rice could be the new frontier for Thai rice towards the global-warming era. For nutritional purposes, two famous purple rice cultivars, Jao Hom Nin and Riceberry have been known as the most high antioxidants and the cultivar Sinlek and Pink+4 are known as low glycemic index for consumers who avoid diabetics.

Dr. Vanavichit received six national outstanding awards from 2006 to 2013. He is now Associate Professor of Department of Agronomy, Faculty of Agriculture, Kamphang Saen, Nakornpathom, Thailand.

Ms. Caroline Chipperfield

Deputy Director Education-East Asia, Education, British Council

Caroline Chipperfield is the Deputy Director, Education (East Asia) for the British Council. Caroline has extensive experience within UK higher education and science policy having previously worked at Plymouth University (Head of Policy and Strategy), the University of Hertfordshire (Assistant Policy Adviser), The Royal Society (Head of International) and the British Science Association. Caroline originally trained as a science teacher and has a BSc (Hons) in Physics with Mathematics, a Postgraduate Certificate in Education and an MA in International Policy and diplomacy.

**Prof. Dr. Chachanat Thebtaranonth**

Senior Advisor, Research and Researchers for Industries Programme, The Thailand Research Fund

- Senior Advisor, TRF
- Senior Advisor, STI
- Senior Advisor, NSTDA
- Senior Advisor, AMATA Science City Project
- Professor Emeritus, Mahidol University

Professor Thebtaranonth received her Ph.D. degree in Organic Chemistry from the University of Liverpool, England in 1972. She did post-doctoral training at Cornell University in the United States and returned to teach at Mahidol University, Bangkok, Thailand. During 1972-1993 she has published over 40 research papers in international journals as well as authored and co-authored 4 books. Her research areas covered the chemistry of natural products and organic synthesis. She became full Professor in 1989.



In 1993, Professor Thebtaranonth took up a new position as the Science Park Project Director at the National Science and Technology Development Agency (NSTDA). In 1995 she became the Vice-President of NSTDA, and in 2004 the Director of the new Technology Management Center (TMC) of NSTDA. The work of TMC focuses on developing industrial competitiveness through science and technology. TMC conducts programs in technology transfer and S&T infrastructure building.

Professor Thebtaranonth played a key role in the development of Thailand Science Park and the Incubator, and pioneered the development of SME support programmes such as industrial technology assistance program (ITAP), intellectual property service, technology licensing, NSTDA Investment Center, as well as financial assistance schemes. Thailand Science Park and Software Park are both under the umbrella of TMC.

After retirement from her executive position in 2010 Professor Thebtaranonth has remained active as senior advisor at SCG company (2010-2012), and currently as senior advisor at the Thailand Research Fund (TRF), the National Science Technology and Innovation Policy Office (STI), and NSTDA.

Professor Thebtaranonth is the Past President of the International Association of Science Parks, IASP, (2006-2008), and the Thai Business Incubator and Science Park Association, Thai-BISPA, (2009-2013), and the current Honorary President of Thai-BISPA.

Dr. Claire McNulty

Head of Science and Sustainability,
Education and Society, British Council UK



Claire leads the British Council Science and Research Team, which develops and supports science and research-related projects across the British Council global network, and builds and maintains relationships with key stakeholders in the UK and overseas. She leads on the 'Researcher Links' initiative and UK participation the European Commission's 'Euraxess' initiative, both of which aim to enhance and support researcher mobility.

After finishing her degree in Chemistry and Biochemistry at Leeds University, Claire moved into the field of Developmental Biology, completing her PhD in heart development at King's College London in 2000, and then working as a post-doc in the Netherlands at the Hubrecht Institute for Developmental Biology. In 2004 she moved into scientific publishing, working for Excerpta Medica, an Elsevier company. In 2005 she became an independent Science Consultant. From 2005 to 2008 she worked on several science-related projects for the British Council, including 'Next Generation Science', aimed at school children, and 'Network UK', a support service for international researchers in the UK.

In 2008 she was appointed Adviser in Life Sciences and Science Policy, for the British Council and in May 2012 she was appointed to the Director of Science role.

Prof. John Roberts

Director Asian Region, NewRail, Newcastle University



Chairman KURail - Kasetsart University Bangkok, Director Asian Region NewRail - Newcastle University, Lecturer ESTACA University Paris. Educational and Project Management at Kasetsart University with an advisory role for ASEAN Railways, liaison between Kasetsart University Bangkok and Newcastle University for project management, research and education.

Previously to his current role:

Centre of Competence for Vehicle Authorisation at Bombardier Transportation Berlin with the additional role for UNIFE as industry advisor to the European Rail Agency on the subject of European Authorisation of Rolling Stock. Bombardier advisor to the European Rail Agency on Economic Evaluation of TSIs. Centre of Competence for Structural Crashworthiness and Biomechanics with the additional role for UNIFE as industry advisor to the European Rail Agency on the subject of Passenger Rolling Stock and Locomotives based in Crespin Northern France.

Head of the Crash Laboratory at the Motor Industry Research Association

Head of Vehicle Approval and Product Definition for Rolls-Royce and Bentley Motors.

Project Manager European Commission research projects SafeTrain, Safeinteriors and TrainSafe.

Prof. Dr. Aung Min

Rector, Yangon Institute of Education, Myanmar

Education: B.Sc. (Chemistry) University of Yangon
M.Sc. (Physical Chemistry) University of Malamyine
Ph.D. (Material Science) University of Yangon
D.E.M. (Education Management)

Occupation: Demonstrator, Chemistry Department University of Malamyine
Assistant Lecturer, Chemistry Department University of Malamyine
Lecturer, Chemistry Department University of Malamyine
Associate Professor, Chemistry Department University of Malamyine
Professor, Chemistry Department University of Malamyine
Pro-Rector, Malamyine University of Distance Education
Deputy Director General, Department of Higher Education (Lower Myanmar) Ministry of Education
Rector, Yangon Institute of Education

Papers Publication: 25 papers in Local Publication



Mr. Matt Crossman

Southeast Asia Regional Director, Science and Innovation,
The Foreign and Commonwealth Office

Matt joined the UK Science and Innovation Network in 2011 and is based at the British High Commission in Singapore. As Regional Director for Science and Innovation he leads a small team that encourages collaboration between scientists, policymakers and practitioners in UK and South East Asia.

Matt was previously responsible for policy development for, and the implementation of, the UK Flood and Water Management Act. He is a chartered civil engineer and worked in the private sector on engineering and applied research in UK and Southeast Asia before joining the public sector.



Assoc. Prof. Parichat Hongsprabhas

Assistant Director for International Research Network,
The Thailand Research Fund

Parichat received her Ph.D. in Food Science from the University of Guelph, Canada. She is currently an associate professor at Kasetsart University. Her researches emphasize on food and biomaterial innovation and the integration of food physics to cell biology. Parichat is working with food industries on healthy diets, dairy products and rice bran oil co-products.

After working with the Faculty of Science, Srinakarinwirot University in Bangkok since 1991, Parichat moved to the Department of Food Science and Technology, Kasetsart University in 2003. She was appointed to the position of Associate Dean for Research Affairs at the Faculty of Agro-Industry, Kasetsart University, from 2004 to 2013. Parichat has joined the Thailand Research Fund as an Assistant Director, taking care of the new unit of TRF – International Research Network since October 2013.





Dr. Patarapong is now a full professor at National Graduate Research Institute for Policy Studies (GRIPS) in Tokyo, Japan. He is teaching Master and Ph.D. programmes and conducting research in the area of economics of innovation and innovation policies. His research interests include national innovation systems in Thailand and newly-industrialising countries in Asia, industrial and knowledge-based clusters, Technological capabilities and evolution of latecomer firms, financial incentives for enhancing innovation capabilities and competitiveness, and roles of Research Technology Organisations (RTOs) in industrial clusters and national innovation systems. He is an associate editor-in-chief of Asian Journal of Technology Innovation and a member of international editorial boards of six other international journals in the field of innovation policies and management. He was an advisor and a consultant projects in research projects commissioned by the World Bank, UNESCO, UNIDO, UNCTAD, OECD, German Development Institute (GDI), JICA, International Development Research Center of Canada (IDRC) and Economic Research Institute of ASEAN and East Asia (ERIA).



Dr. Perapong Tekasakul is a Vice President for Research System and Graduate Studies, and an Associate Professor in Mechanical Engineering at Prince of Songkla University, Thailand. Academically, his research has been focused on Computational Fluid Dynamics, energy conservation in rubber sheet drying process and aerosol environmental engineering. His role in driving university research and innovation includes research strategy planning, internal grant allocation, industrial grant seeking, and research commercialization. Dr. Tekasakul is a member of the Southern Thailand Science Park initiation team from Prince of Songkla University. The project is granted by the Royal Thai Government through Ministry of Science and Technology. The main objective of the Southern Thailand Science Park is to strengthen and accelerate technology transfer from universities and research institutions to commercialization via private sector, as well as working closely with industries to develop innovation through research.

Prior to becoming a vice president, Dr. Tekasakul served as a director of Research and Development Office. His role was to facilitate research activities in the university. He setup several mechanisms to encourage researchers to focus on strategic research in order to attain high-quality output. These include establishment of several centers of excellences/research centers. He designed a cluster-based research mechanism to bring researchers to work together.

Dr. Tekasakul has published more than 30 international scientific papers and numerous conference articles.

In brief:

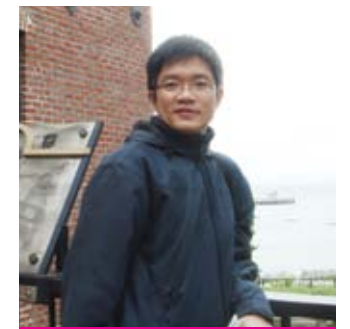
- 06/2012 - pres., Vice President for Research System and Graduate Studies,
- 07/2006 - 05/2012 Director, Research and Development Office,
- 11/2004 - pres., Associate Professor, Department of Mechanical Engineering, Prince of Songkla University



Dr. Poomporn Thamsatitdej is lecturer at The College of Innovation, Thammasat University. Dr. Poomporn was a Thai Royal Government Sponsorship student. He graduated with Doctor of Business Administration degree in Management Science from The University of Strathclyde, the United Kingdom. After his graduation in 2006, he started working as a Public Development Officer with the Office of Public Development Commission (OPDC). His works involved with innovation in public sector, e-government, and a formation of strategic directions for governmental reforms. During working with OPDC, he was also assigned to be a secretary member to the Minister of the Prime Minister Office.

Dr. Poomporn has started his academic career with Thammasat University since 2009. Nevertheless, he has still continuously worked with various governmental agencies in the areas of project strategic management, risk management and technology management. Furthermore, he has provided consulting service in many national organizations in organizing creative and innovative awards such as Thai Management Association and True Corporations. Nevertheless, his significant social contributions include a Development of Thailand Creative Economy Agency (TCEA) Business Plan, National Creative Business Plan for Ministry of Commerce, The Study of Competitiveness in Service Sector for Department of Business Development, National Creative Business Development Plan, Creative Business Matching between Japanese and Thai Investors, Creative Economy and Thai Education Development Plan and Case Study Development Program for the Office of Civil Service Commission.

Regarding to his academic activities, Dr. Poomporn has consecutively been an organizing committee for a number of leading international academic conferences including IEEE ICMIT, IEEE ICQR, DSI and PICMET.



Dr. Rungroge Kamondetdacha previously worked as a transport planner at the Office of Transport and Traffic Policy and Planning (OTP), Ministry of Transport. At present, Rungroge is a policy specialist at National Science Technology and Innovation Policy Office (STI), Ministry of Science and Technology. Since joining STI, he led a project on human resources and technological capabilities development in Thailand railway-related industry. Rungroge is a key member of a working group tasked to set up the Institute for Railway Research and Development in Thailand.

Dr. Kamondetdacha received a Bachelor's and a Master's in Civil Engineering with a concentration in Transportation from Chulalongkorn University and the University of California, Berkeley respectively. His doctorate is in Science and Technology policy from SPRU, Sussex University.



Academic Background

1982 B.Sc., Animal Science, Chulalongkorn University
1984 B.Sc., Veterinary Science, Chulalongkorn University
1997 Master of Management (MM Program, now is EMBA) SASIN Graduate Institute of Business Administration of Chulalongkorn University

Working Experience

1984 - 1988 Vet practitioner, Production Manager, Farm Kirikhan Co., Ltd.
1988 - 1990 Technical Advisor, American Marketing Co., Ltd.
1990 - 1997 Division Manager, Technical & Marketing Support, Better Pharma Co., Ltd.
1997 - 2001 General Manager, BTG – Golder Co., Ltd.
2001 - 2004 Senior Division Manager, Research & Business Development
2004 - 2011 General Manager/ R&D Director, Betagro Science Center Co., Ltd.
2012 - Present R&D Director, Assistant Vice President, Betagro Group

Mr. Simon Grimley

Regional Representatives EURAXESS Links ASEAN



Simon is the Regional Representative for EURAXESS Links ASEAN which is a network of European and international researchers, scientists, and scholars looking to strengthen research collaboration between Europe and Southeast Asia. Prior to joining the EURAXESS Links team, he was Programme Director at Thailand's National Science and Technology Development Agency (NSTDA) where his responsibilities included the EU Seventh Framework for Research and Technological Development (FP7) as well as bilateral Programme with the UK, Germany, and France.

Before moving to Thailand, Simon had his own consultancy practice based in Singapore focused on North American technology start-ups seeking to expand into the Asian market. Services included the raising of venture funds, building sales and marketing teams, and market expansion. From 2000 -2003 he was the Regional Director – Southeast Asia for the Alberta Research Council. (ARC), a contract R&D corporation headquartered in western Canada. His regional responsibilities included technology acquisition and development, generating a stream of revenues through the commercialization of ARC's intellectual property, and the selling of contract R&D services.

Simon began his career in the Canadian mining industry leading geophysical and geochemical surveys in northern Canada, the Arctic, and Africa. He has a B.A. (Hons.) from McGill University and an M.A. from the School of Oriental and African Studies (SOAS), University of London.

Mr. Terry Pollard

Associate Consultant, Isis Innovation, Oxford University



Terry Pollard has spent more than 10 years working with university academics and entrepreneurs to commercialise the results of their research, both in the UK and overseas.

Terry originally studied physics at the University of Bristol before completing his MBA at Imperial College London. Terry moved to Oxford in 2003 to join Isis Innovation Ltd., the technology transfer company of the University of Oxford.

As an Isis Project Manager Terry was responsible for working closely with researchers to identify, protect, market and then commercialise intellectual property from the physics, chemistry, materials and engineering departments.

Terry was a key figure during the planning and creation of several successful Oxford spin-out companies. One of these companies, Oxford Catalysts Plc*, was based upon research from the Organic Chemistry Department and floated on the London AIM market in 2006. Terry spent 2 years working for Oxford Catalysts during its early phase of growth, before returning to Isis to join its technology transfer consulting division. Terry now works on a number of projects based in South East Asia.

(*Oxford Catalysts Plc acquired the US compay Velocys Inc in 2008, and the group has recently been renamed Velocys Plc. The company has a current market cap of more than £160 million)

Ms. Uraiwan Samolee

Head of Business Development, Education, British Council, Thailand

Uraiwan is Head of Business Development, Education for British Council Thailand. Uraiwan leads on a wide range of education partnership projects, building mutually beneficial relationships and strengthening cultural relations between Thailand and the UK.

Recently, Uraiwan has led on a number of projects with key educational organisations in Thailand such as the Office of Vocational Education Commission on English training for vocational college teachers and Thailand Research Fund on Thai researchers' workshops and Researchers' Links.

Uraiwan obtained a bachelor's degree in in Arts from Chulalongkorn University. She joined the Education Team at the British Council in May 1999. In 2008, she obtained the Professional Certificate in Marketing from the Chartered Institute of Marketing (CIM).



Dr. Yong-Chie Heng

Dean of Research and Development, National Taiwan University of Science and Technology

Dr. Y.C. Heng is currently a professor of the Department of Electronic and Computer Engineering and the Dean of Office of Research and Development at National Taiwan University of Science and Technology Taiwan Tech, the first technological university in Taiwan, under the outstanding leadership of successive presidents, has been recognized by all sectors of society in Taiwan for its academic and practical achievements in such areas as cooperation with industry, promotion of entrepreneurship, and technology licensing. Taiwan Tech is focusing its efforts on structuring a campus that nurtures creativity, with a vision of building a world-class university through international outreach and applied research.

Dr. Heng became the General Director of the International Center of the Industrial Technology Research Institute (ITRI) in early 2009, taking charge of the networking with and outreach to foreign R&D institutions, enterprises, scholars, and governments for Taiwan's biggest industrial research body. He also helped Taiwan's technology industry more effectively leverage global resources and expand their international businesses. Prior to his position at ITRI, Dr. Heng was the visiting professor at the Taiwan Tech. as well as the CEO of Taiwan Building Technology Center of the university.



Special Service for Going Global 2014 – Miami by the British Council Thailand

This service is designed to help delegates from Thailand participate in Going Global 2014. The different conference packages below incorporate the necessary expenses for attending the conference including:

1. The Going Global 2014 conference at Miami Beach Convention Centre. The Going Global 2014 Conference will include a series of plenary and parallel sessions, workshops, poster presentations, networking events and an accompanying exhibition (once registered, the delegate needs to book the sessions they wish to attend).
2. Return economy air ticket Bangkok- Miami - Bangkok by United Airlines (the member of Star Alliance). This is inclusive of tax and surcharge.
3. Hotel accommodation (equivalent to 4 Star hotel) in an en suite/superior room for sole or double occupancy for 4 nights with breakfast (28, 29, 30 April and 1 May 2014), including airport pickup for the first two packages.
4. Orientation will be held prior to departure

British Council Packages

1. Full Package: Single Occupancy
Normal Rate: 164,000* Baht/person
2. Full Package: Double Occupancy
Normal Rate: 152,000* Baht/person
3. Package : Excluding Flight Ticket
Normal Rate: 90,000* Baht/person
<small>This price excludes 7% VAT, airport transfer and the travel insurance.</small>

*This price excludes 7% VAT.

Please note:

- The cost quoted above excludes 7% VAT and visa related expense
- The cost quoted above is subject to change depending on the availability of the air tickets and the hotel accommodation. However, participants will be informed of any changes before we proceed with any bookings
- The cost above does not include transportation from hotel to conference venue, and vice versa, Transportation arrangements can be made with additional cost.
- Your conference fee is an all inclusive cost and includes:
 - Pre-event agenda builder and meeting planner
 - Access to all plenary sessions
 - Conference bag and programme
 - Access to the exhibition
 - Use of Spotme personal networking app (iPhone and Android compatible)
 - Opening Reception
 - Access to all parallel sessions
 - Lunch and refreshments through the day
 - Complimentary Wi-Fi throughout the venue
 - Video and audio on-demand post conference
- There are more opportunities to extend your network through pre-conference session, the Welcome Reception, Going Global yacht cruise around Miami Bay, and Going Global dinner and awards. The arrangement can be made with additional cost.

Going Global 2014

The conference for leaders of international education

Miami Beach Convention Center
29 April – 1 May 2014

Inclusion, innovation, impact



For further information, please contact:

Ms. Sarita Suwannarat (Manager, Education)
Tel. 02 657 5634 Fax. 02 253 5311
E-mail: sarita.suwannarat@britishcouncil.or.th

Targets

1. Supply industry with 11,400 master degree graduates and 10,500 Ph.D. degree graduates within 15 years.
2. Produce research output that either solve existing industrial problems or yield new innovations. The goal is to produce 11,400 master thesis research output, 10,500 doctoral thesis research output, and 1,050 direct co-funded research output.
3. Build sustainable research collaborations between university and industry with particular attention on SMEs.
4. Create at least 400 networks among researchers in universities and industry, in Thailand as well as abroad.
5. Encourage and expedite research exploitation and commercialization.



RRI Applicant Criteria

Master Degree Research Scholarship Programme Advisor

The advisor must have the relevant qualifications in the requested field, be a permanent resident of Thailand, and be able to allocate adequate time for the advisee. He/she should have a good research record, e.g. has published in international journals recognized by TRF, or has received patents, or has experience as advisor to master or Ph.D. students. Applicants who are former recipients of TRF funding must have maintained a good track record. Applicants with industry experience will receive special consideration.

Student

The student must hold Thai citizenship and be able to study full-time during the scholarship period. He/she should be screened to have the potential to successfully complete the study. Applicants with industry experience will receive special consideration.

Research project

The research topic must be decided by industry and can aim at developing or improving the products, the process, or at solving pertinent industrial problems, and must be suitable for a master degree thesis.

Doctoral Degree Research Scholarship Programme Advisor

The advisor must have the relevant qualifications in the requested field, be a permanent resident of Thailand, and be able to allocate adequate time for the advisee. He/she should have a continuous good research record in the past 5 years e.g. has published in international journals recognized by TRF, or has received patents, or has experience as advisor to Ph.D. students. Applicants who are former recipients of TRF funding must have maintained a good track record. Applicants with industry experience will receive special consideration.

Student

The student must be under 40 years old, hold Thai citizenship and be able to study full-time during the scholarship period. He/she must have earned a bachelor degree and/or a master degree. If a bachelor graduate, he/she must have graduated with honors or be in the top 10% of the graduating class. A master-degree applicant must have strong academic records according to TRF standard for both the bachelor and master degree studies.

He/she must have published in a reputable journal or conference proceeding, or have research output which is applicable and beneficial to industry. Applicants with industry experience will receive special consideration. Research projectThe research project can be specified by industry, or can aim at solving pertinent problems from the industry. The research depth should be at the level of a doctoral degree thesis and show strong potential for direct application to industry.

Innovative Research Grant or Industrial Problem-solving Research Grant

The project must have a high potential to either create innovations or solve long-standing industrial problems, or improve or provide a competitive edge to industry, or increase the nation's self-reliance on science and technology, or create an economic impact to the country, or otherwise yield other positive advantages to industry. The funding decision shall be made by the committee of experts.

How to apply

online application for a master research grant at website:
www.trfmag.org

online application for a doctoral research grant at website:
<http://rri.trf.or.th>

Industrial enterprises who wish to submit research topics or initiate partnership with TRF may do so at website:
<http://rri.trf.or.th>

RRI representatives

Doctoral research grants, and grants for innovative research or industrial-based research project

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Master research grants

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