



VIII ABEP CONFERENCE 2016

RESEARCH AND DEVELOPMENT:
**SHAPING THE
FUTURE OF BRAZIL**

*PESQUISA E DESENVOLVIMENTO:
CONSTRUINDO O FUTURO DO BRASIL*

13TH-14TH MAY

CONFERENCE BOOKLET



**Association of Brazilian Postgraduate Students
and Researchers in the United Kingdom**

ABEP-UK 2015-2016

President **Armando M.B. de CASTRO**

Vice-President **Valdir ERMIDA**

Executive Director **Tatiana MARTINEZ**

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SUPPORTERS:

KING'S BRAZIL INSTITUTE



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ADVOGADOS

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WELCOME

This year's conference focuses on "Research and Development: Shaping the Future of Brazil" a topic of great relevance in the current Brazilian political and economic crisis. Through the conference we aim to discuss a wide range of multidisciplinary topics such as research, politics and diplomacy, entrepreneurship, sustainability, careers and academic grants. Ultimately our aim is to create an environment where the future researchers and leaders of Brazil are able to learn, debate and collaborate.

For generations Brazil has been perceived, both by its citizens and abroad, as the country of the future. This assertion, however, has a dubious meaning. On the one hand, it means that Brazil will someday be a greater and more respected country, with higher social and economic development. On the other hand, it might lead to the perception that this future is somehow given, fate, as if sooner or later this destiny would come into play. In this sense, we can say it is a passive attitude towards the future.

Rather than focusing on the current crisis and wait for the tomorrow, we should start to build a better future now. The desired development of the nation is the result of efforts made considering ideas and goals that are perceived in the present moment.

The VIII Congress of Abep-UK does not intend to perform any foresight exercise or to build a long-term plan, but to place a challenge to its participants, which is the reflection on the possibilities of acting today, through our research practices, in the perspective of the contribution from Science, Technology and Innovation to help building a humanly committed, socially fair and environmentally sustainable future in Brazil.



ABOUT ABEP-UK

The Brazilian Association of Postgraduate Students and Researchers in the UK is a civil non-profit association based in London, bringing together members residing in the UK. Abep-UK was established in 1980 and since then has supported thousands of Brazilian students who have chosen to undertake postgraduate studies and research in the UK. Throughout these years, Abep-UK had adapted and evolved and became a virtual community with more than 700 subscribers and more than 300 registered members from all over the UK and Brazil and from every area of knowledge.

The Abep Conference in the last years has been the main event of our academic year and gathers Brazilian and foreign postgraduate students, professors, researchers and authorities to present their work and ex-

change ideas on scientific, cultural, economic, educational, political and current affairs related to Brazil.

ABEP was founded by group of Brazilian researchers and students living in London, as a meeting, debating and socializing forum. Our aims are to congregate Brazilian postgraduate students and researchers living in the United Kingdom; to represent its members and their demands; to promote and foster cultural activities such as debates of scientific, political, social and economic topics related to Brazil, and the intellectual work and social conditions of its members; to promote other activities of the interest to its members.



VENUE

King's College London

King's College London is one of England's oldest and most prestigious university institutions: a multi-faculty research-led university college based in the heart of London. Ranked as one of the world's top 20 universities (QS World Rankings 2015), King's offers an intellectually rigorous environment supported by welcoming and caring traditions, and the opportunity for students to be taught or supervised by academics who are often leaders in their field.

King's Brazil Institute

The King's Brazil Institute, founded in 2008, provides a focal point for Brazil-related activities across a range of academic disciplines. Promoting an understanding of Brazil and developing the profile of Brazilian Studies at the university level in the UK, the Institute

coordinates and develops Brazil-related research capabilities and Brazil-focused programmes of study at King's, while also building links with Brazilian organisations in education, the cultural and creative sectors, business and government.

Through these activities, and as part of the College's broader internationalisation strategy, the Institute aims to contribute to a growing interdisciplinary interest in Brazil among both students and academics at King's. King's has pioneered the study of Brazilian culture and history as a concentrated subject area for the last 12 years. The Brazil Institute plans to develop and extend this experience through crossappointments with mainstream departments and via a network of College affiliates/fellows. The defining characteristic of King's Brazil Institute is its blend of internationalism and interdisciplinarity.



King's College London
Strand, London
WC2R 2LS, United Kingdom



FRIDAY 13TH

RECEPTION
EMBASSY OF BRAZIL

54 MOUNT STREET,
LONDON

19.00 - 20.30

WELCOME AND INTRODUCTION



a welcome from our Honorary President

H.E. Eduardo dos SANTOS

Brazilian Ambassador to the United Kingdom



a welcome from our host

Brazil Institute King's College London



a welcome from ABEP

Armando M.B de CASTRO

President

NETWORKING SESSION



Reception kindly offered by the
Embassy of Brazil in London

SATURDAY 14TH

KING'S COLLEGE
LONDON

8.00 - 8.25

REGISTRATION

Registration and collection of the conference pack

8.25 - 8.30

OPENING

Vitor MORENO

A WELCOME FROM ABEP

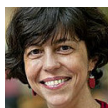
8.30 - 8.45

Maria Cecília Barcelos Cavalcante VIEIRA

OPENING FROM THE EMBASSY

8.45 - 9.35

How to build an academic career in the UK



Dr. Vania BRAGA

Reader in Cell-cell Adhesion

Signalling

Imperial College



**Dr. Ana Cláudia Suriani
da SILVA**

Lecturer in Brazilian Studies



Dr. Sergio BERTAZZO

Lecturer at the Department of

Medical Physics & Biomedical

Engineering

UCL



Dr. Tania LIMA

Director

Global Engagement

9.35 - 10.00



Vivienne STERN

Director

UK Higher Education International Unit

NEWTON FUND

10.00 - 10.15

Coffee break

10.15 - 13.30

KEYNOTES

10.15 - 10.45



Prof. Laura RODRIGUES

The London School of Hygiene & Tropical Medicine

THE ZIKA EPIDEMICS

10.45 - 11.30

The future of Energy and a sustainable world



Andy DONAGHUE

BP Renewables



Dr. Alexandre STRAPASSON

Imperial College London

11.30 - 11.55



Dr. Fernando VASCONCELLOS

Cambridge University

ENTREPRENEURSHIP AND SCIENCE

11.55 - 12.45

Lunch

12.45 - 13.30

Politics Diplomacy and Investment



Dr. Marco VIEIRA



John DODDRELL

13.30 - 13.55

3 MINUTES COMPETITION

Rooms 1, 2 & 3

13.55 - 15.40

PAPER PRESENTATIONS

Rooms 1, 2 & 3

15.40 - 15.55

Coffee break

15.55 - 17.25

PAPER PRESENTATIONS

Rooms 1, 2 & 3

17.25 - 18.00

PLENÁRIA ABEP

3 MINUTES COMPETITION PRIZES

18.00 - 20.00

Happy Hour & Final Remarks

13.30 - 13.55

ROOM 1

Ana Letícia BRAZ	<i>POROUS DEGRADABLE POLYMER MICROSPHERES FOR DRUG DELIVERY</i>
Ana Luisa de Araujo DIAS	<i>CUIDADO INTEGRAL ÀS PESSOAS COM DOENÇA FALCIFORME NO BRASIL E INGLATERRA: POTENCIALIDADES E DESAFIOS AOS SISTEMAS DE SAÚDE</i>
Anderson BRITO	<i>PREDICTING VIRUS-HOST INTERACTIONS USING EVOLUTIONARY AND STRUCTURAL APPROACHES</i>
Andressa Silva EIDT	<i>EFFECTS OF STRESS ON COGNITIVE FUNCTION</i>
Bárbara PESSALI-MARQUES	<i>THE INFLUENCE OF MENSTRUAL CYCLE PHASE ON FLEXIBILITY AND JUMP PERFORMANCE IN DANCERS: INTERACTIONS WITH MTU STRUCTURAL AND FUNCTIONAL CHARACTERISTICS</i>
Daniella Guimarães Cavalcanti FREITAS	<i>LITERATURE REVIEW: THE MOST COMMON METASTASIS MECHANISMS</i>
Fernanda Vanoni MATTÁ	<i>CHEMICAL ANALYSIS OF TRACE ELEMENTS IN YERBA MATE</i>

ROOM 2

Larissa MARINHO	<i>EVALUATION OF LONG-TERM FUNCTION IN ANIMALS AFTER DISTAL MIDDLE CEREBRAL ARTERY OCCLUSION</i>
Marília Cristina de Oliveira GONZAGA	<i>OBESITY: IS THIS GLOBAL EPIDEMIC ALSO LEADING TO CANCER?</i>
Nathalie KLIEMANN	<i>DEVELOPMENT, RELIABILITY AND VALIDITY OF THE SELF-REGULATION OF EATING BEHAVIOUR QUESTIONNAIRE (SREBQ) FOR ADULTS</i>
Ravenna Lessa MATOS	<i>DEVELOPMENT OF NANO-IN-MICRO DRY POWDER FORMULATIONS FOR PULMONARY DELIVERY USING A SUPERCRITICAL FLUID TECHNOLOGY</i>
Vanêssa Cavalcanti AULETTE	<i>CIRCULATING TUMOUR CELLS: A MULTIFUNCTIONAL BIOMARKER</i>
Bianca ORSI	<i>CURRENCY HIERARCHY AND INTERNATIONALISATION: DETERMINANTS AND IMPLICATIONS FOR MONETARY POLICY IN BRAZIL</i>

ROOM 3

Danielle SANTANA	<i>THE UNTOLD STORY OF FINANCIAL EXCLUSION IN BRAZIL: A REALIST APPROACH TO THE ORIGINS AND DETERMINANTS OF FINANCIAL PRACTICES IN LOW INCOME COMMUNITIES</i>
Jessica KITAMURA	<i>RESOLVED STELLAR POPULATIONS: WATCHING GALAXY EVOLUTION IN REAL TIME</i>
John Marques dos SANTOS	<i>ORGANIC SOLAR CELLS, THE FUTURE: DEVELOPMENT OF NOVEL SMALL MOLECULES FOR ORGANIC PHOTOVOLTAICS</i>
Fabiana Gondim MARIUTTI	<i>IS BRAZIL'S RESEARCH UP-TO-DATE? EVOLUTION OF COUNTRY IMAGE STUDIES</i>
Flaviana Xavier Antunes SAMPAIO	<i>DANÇANDO COM A PRÓPRIA SOMBRA</i>
Tupá GUERRA	<i>DEMONOLOGY AND EVIL BEINGS FROM ANCIENT TIMES: INVESTIGATING THE DEAD SEA SCROLLS</i>



PAPER SESSIONS - ROOM 1

13.55 - 17.25

HUMANITIES & POLICIES

Christiane Fabiola MOMM	<i>THE GEOGRAPHIES OF ACADEMIC CONFERENCES ON REGIONAL DEVELOPMENT IN BRAZIL, 1986-2013</i>
Katucha BENTO	<i>RACE AND COLOUR SHAPING "OTHERNESS": THE VOICE OF MIGRANTS BLACK BRAZILIAN WOMEN IN THE UK</i>
Andreia CARMO	<i>ORDINARY PEOPLE AND THE FIGHT AGAINST CORRUPTION: WHEN AND HOW SOCIAL MOBILIZATION CAN BE EFFECTIVE IN CORRUPTION CONTROL?</i>
Bruno THEODORO	<i>REPRESENTATION AND INTEGRATION: THE LOGIC OF REGIONAL PARLIAMENTS AROUND THE WORLD</i>
Larissa GOULART	<i>BRAZILIAN POLICIES REGARDING THE TEACHING OF FOREIGN LANGUAGE IN SCHOOLS</i>
Paula LAMEU	<i>'HOW GEEKY IS BRAZIL?' CHALLENGES IN DEVELOPING AND IMPLEMENTING POLICY REGARDING THE USE OF TECHNOLOGY IN EDUCATION.</i>
Kim BEECHENO	<i>UNIVERSAL CHURCH AND DOMESTIC VIOLENCE SERVICES IN BRAZIL: THE FIGHT OVER 'GENDER' AND IMPLICATIONS FOR VICTIMS OF VIOLENCE AND BRAZILIAN SECULARISM</i>

CULTURE & ARTS

Almiro ANDRADE	<i>STONECRABS TIETA - FROM THE ICONIC 800-PAGE NOVEL TO A DARK COMIC PLAY USING MUSIC, STORYTELLING AND BREAKING-FORM THEATRE.</i>
Luiz MANTOVANI	<i>FERDINAND REBAY'S CHAMBER SONATAS: CONTEXT, ANALYSIS, PERFORMANCE AND RECEPTION</i>
Renata Del Rio Meints ADAIL	<i>JAMES JOYCE AND THE PRESENCE OF MILTON</i>
Victoria ADAMS	<i>TRADITION AND TECHNOLOGY: MAPPING SHIFTING CARTOGRAPHIES OF AFRO-BRAZILIAN MEMORY AND HERITAGE IN RIO DE JANEIRO'S PORT REGION</i>
Daniel Mandur TOMAZ	<i>A BRAZILIAN WRITER IN THE WAR: ANTONIO CALLADO'S ENGLISH YEARS DURING THE SECOND WORLD WAR</i>
Jussilene Santana GADELHA	<i>MARTIM GONÇALVES – BRIDGES AND NETWORKS BETWEEN BRAZIL AND UK IN THE FOLLOWING II WORLD WAR</i>

PAPER SESSIONS - ROOM 2

13.55 - 17.25

ECONOMICS

Felipe MACHADO *RURAL GEOGRAPHY AND GLOBALIZATION: BUILDING A THEORETICAL APPROACH FROM BRAZIL IN THE CONTEMPORARY WORLD*

Alexandre GOMES *CHINA'S CENTRAL-LOCAL RELATIONS AND THE DEVELOPMENTAL STATE*

MEGA-EVENTS

Andressa GUIMARAES *SPORTS MEGA-EVENTS AND ADVERGAMES: AN ANALYSIS OF MARIO AND SONIC IN RIO 2016 OLYMPIC GAMES*

Erick OMENA *DOMINATION STRATEGIES IN STRUGGLES OVER MEGA-EVENTS' DEVELOPMENT PROJECTS: THE RIO DE JANEIRO AND THE JOHANNESBURG CASES*

Leonardo MATARUNA *SPORTS MEGA-EVENTS AND TOURISM DESTINATION IMAGE OF BRAZIL: FOREIGNERS' INTENTIONS TO ATTEND THE 2016 OLYMPIC GAMES*

Vanissa WANICK *ESPORTS AND OLYMPIC GAMES: SITUATIONAL ANALYSIS OF RIO 2016 CASE STUDY*

Paul BRETHERTON *FROM LONDON 2012 TO RIO 2016: SPORT AND PHYSICAL ACTIVITY PROMOTION AND THE OLYMPIC GAMES*

HEALTH SCIENCES

Aline Bezerra GURGEL *EXERCISE TRAINING AS HEART FAILURE TREATMENT – BASIC MECHANISMS UNDERLYING MODULATION*

Juliana Almeida Coelho de MELO *USO DO DISCURSO DO SUJEITO COLETIVO COMO FERRAMENTA DE ANÁLISE EM PESQUISAS ACERCA DA PSICODINÂMICA DO TRABALHO*

Mariana VELASQUE *INTERACTION BETWEEN COGNITIVE ABILITY, ENERGETICS AND PERSONALITY IN HERMIT CRAB*

Rafael VENSON *THE ROLE OF FORENSIC TOXICOLOGY: A FOCUS ON THE NBOME DRUGS AND NOVEL EXTRACTION METHOD*

Vitor de Carvalho Moreno das NEVES *DEVELOPMENT OF A NOVEL BIOLOGICAL APPROACH FOR DENTINE REPAIR*

Zaniel DANTAS *ANALYSIS OF PHARMACEUTICALS TOXICOLOGICAL EFFECTS ON ALGAE*

PAPER SESSIONS - ROOM 3

13.55 - 17.25

ENVIRONMENT & SUSTAINABILITY

Caio ZANI	<i>VINASSE APPLICATION AND CESSATION OF BURNING IN SUGARCANE MANAGEMENT CAN HAVE POSITIVE IMPACT ON SOIL CARBON STOCKS</i>
Carlos D'APÓLITO	<i>MICROFOSSILS AND HOW THEY PUT FUEL IN YOUR CAR</i>
Carolina BRANCO	<i>MULTILAYER MEMBRANES FOR INTERMEDIATE TEMPERATURE POLYMER ELECTROLYTE FUEL CELLS AT LOW HUMIDITY</i>
Danielle FRAGOSO	<i>LIGNIN CONVERSION TO FINE CHEMICALS</i>
Douglas Soares dos SANTOS	<i>CARBON CAPTURE PROCESS VIA ADSORPTION TECHNOLOGY</i>
Eduardo MELO	<i>FOOD WASTE VALORIZATION: DRIVERS & OPPORTUNITIES</i>
João Paulo PENNACCHI	<i>ADDRESSING FOOD SECURITY IN A CHANGED CLIMATE BY UNDERSTANDING WHEAT YIELD IMPROVEMENT</i>
Lais Galileu SPERANZA	<i>THIRD GENERATION BIODIESEL PRODUCTION IN SUPERCRITICAL ETHANOL</i>
Marcelo Paes GOMES	<i>HABITAT USE, ENVIRONMENTAL DRIVERS AND CONNECTIVITY OF FISHES AMONG NEARSHORE HABITATS</i>
Marcos BENEGA	<i>SUSTAINABLE EPOXY RESINS FOR MARITIME APPLICATION: PROJECT OVERVIEW AND PRELIMINARY RESULTS</i>
Misael PIMENTEL	<i>MINIMUM SHIELDING GAS FLOW RATE ANALYSIS IN GMAW PROCESS</i>
Shirley SAMPAIO	<i>DEVELOPING NOVEL SUSTAINABLE FUNCTIONAL FOOD INGREDIENTS</i>



POSTER SESSIONS

Aracele FASSBINDER	<i>A CONTRIBUTION TO THE DESIGN OF LEARNING IN MASSIVE OPEN ONLINE COURSES</i>
Arlete Simões BARNEZE	<i>CLIMATE WARMING, N-FERTILISATION AND ABOVE-GROUND BIOMASS REMOVAL INTERACT TO AFFECT C AND N CYCLING AND GHG EMISSIONS FROM TEMPERATE GRASSLAND SOIL</i>
Billy GRAEFF	<i>PELÉ, ROMÁRIO AND RONALDO: THE 2014 FIFA WORLD CUP AND THE SOCIAL TRAJECTORY OF FORMER BRAZILIAN FOOTBALL STARS</i>
Camila Cristina de Oliveira ALVES	<i>O SAMPLE COMO ENUNCIACÃO IDEOLÓGICA NO DISCURSO DA CANÇÃO DE PERIFERIA</i>
Carlos Eduardo Pouey da CUNHA	<i>NEW APPROACHES TO DEVELOP NOVEL LEPTOSPIROSIS VACCINES</i>
Daniel Henrique Doro PEREIRA	<i>CALVARIAL OSTEOGENESIS AT THE NEURAL-CREST MESODERM INTERFACE</i>
Fernanda Vanoni MATTA	<i>CHEMICAL ANALYSIS OF TRACE ELEMENTS IN YERBA MATE</i>
Flaviana Xavier Antunes SAMPAIO	<i>TOWARDS A DANCE HIGHLIGHTED BY SHADOW AND DARKNESS</i>
Giordana MOTTA	<i>A FEASIBILITY STUDY OF A GROUP-BASED MODEL TO DELIVER POSTNATAL CARE IN SOCIALLY DISADVANTAGED COMMUNITIES</i>
Jessica GASPAR	<i>INVESTIGATING THE EFFECTS OF PHARMACOLOGICAL BLOCKADE OF PPAR-A AND PPAR-B/D ON FORMALIN-EVOKED NOCICEPTIVE BEHAVIOUR, FEAR-CONDITIONED ANALGESIA AND CONDITIONED FEAR IN THE PRESENCE OF NOCICEPTIVE TONE IN RATS</i>

POSTER SESSIONS

Juliana Almeida Coelho de MELO	<i>NUCLEAR MEDICINE NURSING IN BRAZIL: AN OCCUPATIONAL HEALTH STUDY</i>
Krissia de ZAWADZKI	<i>EXPLORING BONDARIES IN MANY-PARTICLE QUANTUM SYSTEMS</i>
Lucia Helena Cavalcanti das Neves VALLE	<i>THE UNDERSTANDING OF CRITICAL THINKING TROUGH'S CONSTRUCTION UNDER THE USE OF DIGITAL TECHNOLOGY DEVICES: A THEORY PROPOSED BY CYBERNETICS SCIENCE</i>
Lygia S. de MORAES	<i>ESTUDO COMPARATIVO DE SAIS DO NEUROTRANSMISSOR TIRAMINA</i>
Marcelo Augusto de Lira MOTA	<i>CLIMATE AND CARBON CYCLE DYNAMICS IN THE EOCENE-OLIGOCENE BOUNDARY BASED ON PALYNOLOGICAL ANALYSES FROM MISSISSIPPI, GULF COAST PLAIN</i>
Mariana Rezende ALVES	<i>DIFFERENTIALLY EXPRESSED GENES IN HIGH GRADE OVARIAN SEROUS CARCINOMA OF RESPONSIVE AND NON-RESPONSIVE PATIENTS TO CHEMOTHERAPY</i>
Mérari FERREIRA	<i>NEURAL CORRELATES OF NUMBER PROCESSING IN INFANTS AND CHILDREN BORN VERY PRETERM</i>
Vanessa Ferreira SEHABER	<i>ANÁLISES ESPAÇO E ESPAÇO-TEMPORAL DOS CASOS NOVOS DE HANSENIASE NO ESTADO DO PARANÁ</i>
Rafael Alexandre dos REIS	<i>INDIVIDUAL ACCEPTABILITY OF POSITIVE INCENTIVES FOR SUSTAINABLE MOBILITY BEHAVIOUR: A SEGMENTATION APPROACH IN CURITIBA, BRAZIL</i>

BIOGRAPHIES

H.E. Eduardo dos Santos

Brazilian Ambassador for the United Kingdom



Ambassador Eduardo dos Santos holds a degree in Legal and Social Studies from the Federal University of Rio de Janeiro and has been a career diplomat since 1975. He has held various high-level positions at the Ministry of External Relations and other government agencies. He served at the embassies in Moscow, Buenos Aires and London (twice), and subsequently as ambassador in Montevideo, Bern and Asunción. He has also served as advisor to the office of the Foreign Minister (1986-1989 and 1992-1993), special advisor to the office of the Finance Minister (1993) and diplomatic advisor to the President (1999-2002). He held the office of Secretary-General at the Ministry of External Relations from 2013, before being appointed as Ambassador to the United Kingdom of Great Britain and Northern Ireland in 2015. He has led various Brazilian delegations at international conferences and high-level meetings. He has also performed the roles of teacher and examiner at Brazil's diplomatic academy (Rio Branco Institute), and written numerous articles for specialised foreign affairs publications. During his long diplomatic career Ambassador Eduardo dos Santos has received honours and awards in various different countries, including the Royal Victorian Order (Honorary Commander) in the United Kingdom in 1997.

John Doddrell

Consul General in Sao Paulo and Director for UK Trade & Investment (UKTI)



John Doddrell is Her Majesty's Consul General in Sao Paulo and Director for UK Trade & Investment (UKTI) in Brazil, having taken appointment in March 2010. Previously as Director of Strategy at UKTI he developed an ambitious new strategy that positioned UKTI at the heart of the UK's response to globalisation. John also has private sector experience, having worked as Manager in the Strategy Department of Shell International.

Prof. Anthony Pereira

Director of the Brazil Institute at King's College London



Professor Pereira is currently Director of the Brazil Institute at King's College London. His current work concerns citizenship, human rights, public security, and state coercion in Brazil. This includes a study of the performance of a relatively new human rights institution, the police ombudsman, in two different states in Brazil, as well as an analysis of some recent efforts to reform the police. Anthony has been a member of the Executive Committee of the Brazilian Studies Association (BRASA) and is an occasional commentator for BBC Brazil.

Prof. Laura Rodrigues
Professor of Infectious Disease Epidemiology



Laura C Rodrigues is a Professor of Infectious Disease Epidemiology. Her academic responsibilities include initiating and executing research on the epidemiology of infectious diseases, both in England and internationally, and development of teaching in epidemiological methods, with emphasis on infectious diseases. Laura was born and trained in Brazil, and has been in the LSHTM since 1981. Laura sits in the Scientific Advisory Board of the Novartis Institutes for Vaccines and Global Health in Sienna. She leads the LSHTM initiative for collaborations with Latin America, co leads the Latina America Network (with Pablo Perel), is the LSHTM academic contact for Science without Borders and is a Science without Borders “Professor Visitante Especial” in Universidade Federal da Bahia, a member of the Medicine Galleries Advisory Board of the Science Museum, London and a fellow of the Brazilian Academy of Sciences.

Dr. Vania Braga
Reader in Cell-cell Adhesion Signalling



Vania Braga is currently a Reader in Cell-cell Adhesion Signalling. She graduated in Biology from the Federal University of Minas Gerais, Brazil and did her post-graduate studies in Biochemistry at the same university. Her post-doctoral training was at Imperial Cancer Research UK (now Cancer Research UK). She started her own lab in 1995 at the MRC-Laboratory for Molecular and Cellular Biology, University College London. In 2001, she was awarded the prestigious MRC Non-Clinical Senior Fellowship and moved to the Faculty of Medicine, Imperial College London. She was later promoted to Senior Lecturer (2005) and Reader (2008). In 2012, she was appointed South Kensington Campus Dean for the Faculty of Medicine and Deputy-head of the Molecular Medicine Section, NHLI. Vania Braga is a Post-graduate tutor for the National Heart and Lung Institute and heavily involved in post-graduate teaching, mentoring and supervision. Outreach activities and support for undergraduate students (national and international) such as mentoring and lab experience are also part of the ethos of the lab.

Dr. Sergio Bertazzo
Lecturer at the Department of Medical Physics & Biomedical Engineering



Dr. Sergio Bertazzo is a Lecturer at the Department of Medical Physics & Biomedical Engineering.

He joined UCL after been Junior Research Fellow at Imperial College London and a postdoctoral stay in Germany and another in Brazil. Dr Bertazzo received a PhD in Physical Chemistry from the University of Campinas. His undergraduate and postgraduate research on biomineralisation, focused mainly on calcium phosphates, was continuously supported by individual grants.

In addition to research grants, Dr. Bertazzo has been awarded several prizes, including the Wellcome Image Award and the C. Walton Lillehei Young Investigator Award, from the Society for Heart Valve Disease and the Heart Valve Society of America, for the most promising research in cardiac valve disease.

Dr. Ana Cláudia Suriani da Silva

Lecturer in Brazilian Studies



Ana Cláudia Suriani da Silva joined UCL in 2014 and has a degree in Portuguese (1995) and an MA in Literary Theory and History from the Universidade Estadual de Campinas (UNICAMP, 1997). She also holds an MA in European Literature (2003) and DPhil in Brazilian Literature (2007) from the University of Oxford. She has also taught at the University of Surrey, Birckbeck College, the University of Oxford, the University of Birmingham. She was a research fellow at UNICAMP in 2012 and at the Institut des Textes et Modernes (ITEM) in 1998-1999. Since 2011 she is an active member of the international research networks “The transatlantic circulation of printed matter: the globalization of culture in the nineteenth century” (FAPESP) and “Intertextual relations in the works of Machado de Assis” (CNPq). She is the recipient of the Brazilian Foreign Ministry International Award for best essays on Machado de Assis (2006).

Vivienne Stern

Director of the UK Higher Education International Unit



Vivienne is the Director of the UK Higher Education International Unit which represents the UK higher education sector internationally. The Unit works to support the UK higher education sector's international activities, and to promote its distinctive strengths overseas.

Prior to her role in the Unit, Vivienne was Head of Political Affairs at Universities UK where she was responsible for developing and implementing the political strategy for the membership body representing 134 UK Universities. She previously worked in the UK Parliament for the Chair of the Education and Skills Select Committee, and as a Policy Advisor for Universities UK, specialising in quality, student experience, innovation and university-business links. She is a graduate in English Literature from the University of Cambridge.

Maria Cecília Barcelos Cavalcante Vieira

Head of Science, Technology & Innovation and of Education at the Embassy of Brazil in London

Maria Cecília B. Cavalcante Vieira is a Brazilian diplomat, and is the current Head of Science, Technology & Innovation and of Education at the Embassy of Brazil in London. Ms. Vieira joined the Brazilian Ministry of Foreign Affairs in 2007, where she has worked on African and Environmental affairs. She was one of the leading Brazilian negotiators for the Nagoya Protocol on Access and Benefit-sharing in Biodiversity. Ms. Vieira has held short term-assignments in Africa, and has previously been posted to India, where she served as the Brazilian Science, Technology & Innovation attachée, and Deputy Head of the Political Section. She holds a major in Journalism (UnB), and Master Degrees in International Relations (PUC-Rio) and Diplomacy (Rio Branco Institute).

Andy Donaghue Renewable Energy Specialist



Technical and commercial professional with 15 years experience in energy and chemicals sectors. International experience in renewables and energy efficiency, including:

- project management
- commercial operations
- strategy development, business planning and performance management
- financial structuring and project finance

Specialties: renewable energy, investment appraisal, project management, joint venture set-up and operation

Dr. Alexandre Strapasson Honorary Research Fellow



Alexandre Strapasson is an Honorary Research Fellow working on the global dynamics of energy, carbon and land use, and international development. He is also a Visiting Lecturer in Renewable Energies at IFP School in Paris, and an academic supervisor at SOAS, University of London. He was one of the lead modellers of the Global Calculator Project, and a joint Principal Investigator of the research project 'Land Use Futures in Europe' developed in collaboration with the UK Department of Energy and Climate Change (DECC) and the Foreign and Commonwealth Office (FCO). Before moving to the UK in 2010, Strapasson worked for several years at the Brazilian Government, particularly as Director of the Department of Bioenergy at the Ministry of Agriculture.

Besides, he was the Brazilian representative for sustainability affairs under the Brazil-USA MoU in Bioenergy, and collaborated with several developing countries and international organisations, such as the FAO, IICA, ISO and GBEP. Previously to these experiences, he was a UNDP Consultant for Energy and Climate Change at the Brazilian Ministry of the Environment, including the participation in international negotiations at the UNFCCC.

Dr. Fernando Vasconcellos Researcher



Fernando obtained a B.Sc. degree in Chemical Engineering from the University of California-Santa Barbara (UCSB) in 2000. From the State University of Campinas (UNICAMP), he received a M.Sc. (2007) and a Ph.D. degree, in a joint program with MIT, (2011) in Chemical Engineering. He served as Professor in the Department of Production Engineering of FACAMP, Campinas, São Paulo (2011-2012). Fernando has professional experience in the design, management and execution of engineering projects in multinational companies. He has broad international research and industry experience in the chemical engineering and biotechnology sectors, and he has been part of the founding team of two technology start-up companies in Brazil.

Dr. Marco Vieira

Researcher



Dr. Vieira joined POLSIS in January 2010 having previously taught international relations at LSE, King's College and SOAS. His research is currently focused on the rising influence of 'South powers', specially South Africa, India and Brazil, and their growing importance in reshaping global governance structures, including areas such as institutional frameworks to tackle climate change, international trade and finance, and the reform of UN's Security Council. Dr. Vieira is also interested in Brazilian foreign policy and the role of Brazil in South American politics.

As part of his PhD, Dr. Vieira has researched and written widely on global governance mechanisms to address the most important public health crisis of our time, namely the HIV/AIDS global pandemic. The study innovatively develops theoretical and conceptual insights on the problem of achieving 'security' in international relations. It also provides a detailed empirical analysis of HIV / AIDS policy responses in Botswana, Mozambique and South Africa. He has a solid understanding of security debates in International Relations (IR), especially in relation to the challenges posed by non-traditional threats (disease, climate change, famine, etc.) to international peace and stability.

Dr. Tania Lima

Director of Global Engagement- King's College



Dr. Tania Lima is the Director of the Global Engagement at King's College. Previously she worked as the Programme Director of Science without Borders UK at the UK Higher Education International Unit Tania has a BSc in Biology from Universidade de Sao Paulo and, as a sandwich student from Universidade Federal de Sao Paulo, did her research for a PhD in Molecular Biology at New York University, where she was also a post-doctoral fellow. She worked as an annotator of microbial genomes and subsequently as Programme Head at Swiss-Prot in Geneva, Switzerland from 2001 until 2008. During her time at Swiss-Prot she participated in several international collaborative initiatives in genomics, bioinformatics and proteomics, as well as the training of researchers from Japan, Brazil and the U.S.A. Tania was appointed Science Operations Manager at the National Cancer Research Institute in London in 2010, where she led NCRI's international collaborations in cancer research, with a particular focus on international consortia and global partnerships.



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