

## CONFAP-UK ACADEMIES CALL FOR PROJETS - 2015

### ANNOUNCEMENT OF RESULTS

This is to announce the results of the Call for Proposals launched in 2015 by CONFAP in partnership with the UK Academies under the Newton Fund Programme. The projects below will be funded by the related FAP. Other projects, not in this list, were either not recommended or exceeded the budget for this Call. Any question about this result shall be addressed to the relevant FAP.

Proposals submitted to the CONFAP-UK Academies Call - 2015							
Nº	Name of the Brazilian Researcher	Name of the Brazilian Institution	FAP	Name of the UK Researcher	Name of the UK Institution	Name of the Project	Funding
1	Eduardo L. Krüger	Universidade Tecnológica Federal do Paraná - UTFPR	ARAUCÁRIA	Ing Liang Wong	Glasgow Caledonian University	Impact of energy efficiency labelling regulation on Brazilian buildings: Investigating the challenges, barriers and opportunities.	YES
2	Lucas Carvalho Cordeiro	Universidade Federal do Amazonas - UFAM	FAPEAM	Michael Tautschnig	Queen Mary University of London	DSVerifier-Aided Verification Applied to Control Software in Unmanned Aerial Vehicles	YES
3	Octavio Augusto Fontes Tourinho	Universidade do Estado do Rio de Janeiro - UERJ	FAPERJ	Yves Balasko	University of York	A new approach to computable general equilibrium (CGE) models	Yes
4	Gilvanildo Oliveira Avelino	Universidade Federal da Paraíba - UFPB	FAPESQ	Professor Saul Newman	Goldsmiths University of London	Post-anarchism and the Political Event	YES
5	Felipe Arruda de Araújo Pinheiro	Universidade Federal do Rio de Janeiro - UFRJ	FAPERJ	Luca Sapienza	University of Southampton	Investigating the energy transfer mechanism between single quantum dots and graphene	Yes
6	Luiz Eduardo Teixeira Brandão	PUC RJ	FAPERJ	Michael Flanagan	Manchester Metropolitan University Business School	Implications and consequences of Brazilian mortgage default mitigation policies	Yes
7	Ralph Santos-Oliveira	Universidade Estadual da Zona Oeste (Rio de Janeiro) - UEZO	FAPERJ	Rafael T. M. De Rosales	King's College London (KCL)	Development of Novel Nano-radiopharmaceuticals	Yes
8	João Feres Júnior	Universidade do Estado do Rio de Janeiro - UERJ	FAPERJ	Kathryn Lum	Nottingham Trent University	Comparative Affirmative Action Policy in Brazil and India: What happens after you get in?	YES
9	Rodrigo Castelan Carlson	Universidade Federal de Santa Catarina	FAPESC	Konstantinos Ampountolas (Aboudolas)	University of Glasgow	Cooperative and Flexible Public Transportation Systems (CFPTS)	YES
10	Antonio Marcos Batista	Universidade de Ponta Grossa	ARAUCÁRIA	Murilo da Silva Baptista	University of Aberdeen	Route to weak synchronisation and its suppression in realistic plastic brain networks	YES
11	Norberto Mangiavacchi	Universidade do Estado do Rio de Janeiro - UERJ	FAPERJ	Sean McKee FRSE	University of Strathclyde	Improved Modelling for the Design of Optimized Drug-Eluting Stents	YES
12	Camila Costa de Amorim	Universidade Federal de Minas Gerais - UFMG	FAPEMIG	Petter Kelly	Manchester Metropolitan University	Production and Testing of Novel Photocatalytic Surfaces for Water Treatment	YES
13	Marcos Henrique Ferreira Sorgine	Universidade Federal do Rio de Janeiro - UFRJ	FAPERJ	Pedro Filipe Ferreira do Vale	University of Edinburgh	Disease Tolerance And Dengue Virus Transmission In Aedes Mosquitoes	YES
14	Núbia Boechat	Fundação Oswaldo Cruz	FAPERJ	Marcus Durrant	Northumbria University	Planejamento, síntese e avaliação de novos candidatos a fármacos antimaláricos com baixo custo.	YES
15	Carlos Roberto dos Anjos Candeiro	Universidade Federal de Goiás - UFG	FAPEG	Stephen Louis Brusatte	The University of Edinburgh	Dinosaurs and other fossil vertebrates from the Bauru Group of southern Goiás State, Central Brazil	YES
16	Caroline Maria de Miranda Mota	Universidade Federal de Pernambuco - UFPE	FACEPE	Xin Shi	Manchester Metropolitan	Brazilian Human Health Management & Risk Assessment	YES
17	Moisés Ferber de Vieira Lessa	Universidade Federal de Santa Catarina	FAPESC	David W P Thomas	The University of Nottingham	Enabling the Smart Grid through optimisation of the power quality of distributed and renewable generation.	YES
18	Eduardo da Motta e Albuquerque	Universidade Federal de Minas Gerais -	FAPEMIG	Valbona Muzaka	King's College London	Health and Hope: Brazil as an emerging knowledge power?	YES

19	Bruno Mota	Universidade Federal do Rio de Janeiro - UFRJ	FAPERJ	Yujiang Wang	Newcastle University	Elucidating the neurobiological mechanisms of cortical folding in health and disease	YES
20	Richard Demo Souza	Universidade Tecnológica Federal do Paraná - UTFPR	ARAUCÁRIA	Oluwakayode Onireti	University of Surrey	Cell outage compensation in ultra-dense 5G network	YES
21	Yesid Ernesto Asaff Mendoza	Universidade Federal de Santa Catarina - UFSC	FAPESC	Marin Varbanov Marinov	Newcastle University	A Systematic Method for designing Rail Services for Regional Rail Networks, incorporating Transfer and Application of New Technologies for both Passengers and Freight	YES
22	Ana Paula Baltazar dos Santos and Jose dos Santos Cabral Filho	Universidade Federal de Minas Gerais - UFMG	FAPEMIG	Katharine S. Willis	Plymouth University	Digital Neighbourhoods	YES
23	Mario Antonio Ribeiro Dantas	Universidade Federal de Santa Catarina - UFSC	FAPESC	Marcos A Rodrigues	Sheffield Hallam University (SHU)	Secure Cloud Access Infrastructure and Regional Innovation Support	YES
24	Jorge Moll	D'Or Institute for Research and Education (IDOR)	FAPERJ	Gorana Pobric	The University of Manchester	Exploring the neural correlates of charitable donations – a non-invasive brain stimulation study	YES
25	Alexandra Cristina Senegaglia	PUC Paraná	ARAUCÁRIA	Anushruti Sarvaria	Anthony Nolan Research Institute	To maximize the beneficial effects of natural killer cells on stem cell engraftment	YES
26	Cristiano Lana	Universidade Federal de Ouro Preto - UFOP	FAPEMIG	Craig Storey	University of Portsmouth	Evolution of the continental crust of central southern Brazil with implications for the onset of subduction-driven plate tectonics	YES
27	Denise Mara Soares Bazzolli	Universidade Federal de Viçosa - UFV	FAPEMIG	Janine Bossé	Imperial College London	Characterization of sRNA mutants of Actinobacillus pleuropneumoniae: in vitro phenotypic analysis and assessment of virulence in a Galleria mellonella model of infection.	YES
28	Renato Machado Cotta	Universidade Federal do Rio de Janeiro - UFRJ	FAPERJ	Hermes Gadelha	University of York	A study on the temperature dependence of spermatozoa motility: from swimming kinematics to bending wave regulation	YES
29	Robert M. Boddey and Bruno J. R. Alves,	Universidade Federal Rural do Rio de Janeiro	FAPERJ	Sarah Buckingham	Scotland's Rural College	Greenhouse gas emissions and soil carbon dynamics in relation to land management of Brazilian pastures	YES
30	Rodrigo Ribeiro and André Abath	Universidade Federal de Minas Gerais - UFMG	FAPEMIG	Vittorio Gallese	University of London	Perception, Body and Action: Theory and Practice	YES
31	Rogério Gomes de Oliveira	Universidade Federal de Santa Catarina	FAPESC	Huashan Bao	Newcastle University	Multiple effects and multiple stages chemisorption heat pump for solar thermal energy storage	YES
32	Mailce Borges Mota	Universidade Federal de Santa Catarina	FAPESC	Ali Mazaheri and Katrien Segaert	University of Birmingham	Syntactic processing and the development of reading and writing skills: an EEG study with Brazilian children	YES
33	Mércio Pereira Gomes	Universidade Federal do Rio de Janeiro - UFRJ	FAPERJ	Jeremy Richard Brotton	Queen Mary University of London	Utopia, Discovery and the Origins of Brazil	YES
34	Paulo Mascarello Bisch	Universidade Federal do Rio de Janeiro - UFRJ	FAPERJ	Tatyana Karabencheva--Christova	Northumbria University	Multilevel Computational Study of Structure-Function Relationships of Enzymes	YES
35	Hugo Alexandre Dantas do Nascimento	Universidade Federal de Goiás (UFG)	FAPEG	Aaron J. Quigley	The University of St Andrews	Empirical Evaluation of Graph Drawing Algorithms Based on Human Evaluation Processes	YES
36	ANTONIO ROBERTO GUERREIRO JUNIOR	INST FILOSOFIA CIENCIAS HUMANAS/UNICAMP	FAPESP	ARISTOTELES BARCELOS NETO	UNIVERSITY EAST ANGLIA	Transforming Amerindian regional systems: tje Upper Xingu case	YES
37	Carla da Silva	Faculdade de Medicina de Ribeirao Preto	FAPESP	Hafiz Khan	Middlesex University	Challenging for the ageing process of the Brazilian population: discussing about research with families and future economics impacts	YES
38	CLAUDIA SANTOS OLIVEIRA	UNIV NOVE JULHO CAMPUS MEMORIAL/UNINOVE	FAPESP	BERNARD A CONWAY	UNIVERSITY STRATHCLYDE	Brain activity and motor control during movement of upper limb in children with cerebral palsy	YES
39	CLAUDIO MIGUEL DA COSTA NETO	FAC MEDICINA RIBEIRAO PRETO/USP	FAPESP	JILLIAN GLENDA BALESR	UNIVERSITY NOTTINGHAM	Determination of GPCR phosphorylation needed for B-arrestin recruitment and MAPkinase signaling	YES

40	ELIANE TROVATTI	PRO REITORIA ACADEMICA/UNIARA	FAPESP	EUGEN BARBU	UNIVERSITY PORTSMOUTH	Applications of oxidized cellulose nanofibrils in anticancer drug delivery	YES
41	ELISEU SAVERIO SPOSITO	FAC CIENCIAS TECNOLOGIA PRESIDENTE PRUDENTE/UNESP	FAPESP	VLAD MYKHENKO UNIVERSITY BIRMINGHAM	UNIVERSITY BIRMINGHAM	Socio spatial inequalities: a debate around the concepts of exclusion, segregation, fragmentation and resilience	YES
42	EVERALDO SANTOS MELAZZO	FAC CIENCIAS TECNOLOGIA PRESIDENTE PRUDENTE/UNESP	FAPESP	PETER WILLIAM LEE	UNIVERSITY BIRMINGHAM	Socio spatial inequalities: a debate around the concepts of exclusion, segregation, fragmentation and resilience	YES
43	FLAVIO DA SILVA EMERY	FAC CIENCIAS FARMACEUTICAS RIBEIRAO PRETO/USP	FAPESP	ARASU GANESAN	UNIVERSITY EAST ANGLIA	Heterocycle synthesis for drug discovery applications	YES
44	FLAVIO JOSE SILVESTRE	DIVISAO ENGENHARIA AERONAUTICA/ITA	FAPESP	ANDREAN DA RONCH	UNIVERSITY SOUTHAMPTON	Modelling and control for next generation flexible aircraft	YES
45	GABRIEL DE SANTIS FELTRAN	CENTRO BRASILEIRO ANALISE PLANEJAMENTO/CEBRAP	FAPESP	JEFF GARMANY	KING' S COLLEGE LONDON	Public security: urban governance and the rise of private security companies	YES
46	JOAO LUIZ FILGUEIRAS DE AZEVEDO	INST AERONAUTICA ESPACO/DCTA	FAPESP	CRAIG WHITE	UNIVERSITY GLASGOW	Numerical study of communication blackout and electromagnetic shield effect on spacecraft reentry	YES
47	MARCELO ANDRADE DE LIMA	ESC PAULISTA MEDICINA/UNIFESP	FAPESP	EDWIN ALEXANDER YATES	University of Liverpool	Selective labeling and detection of heparan sulfate as probes of extracellular matrix interactions	YES
48	MARCO AURELIO BRIZZOTTI ANDRADE	INST FISICA/USP	FAPESP	ANNE BERNASSAU	HERIOT WATT UNIVERSITY	Contactless manipulation of small particles by ultrasonic standing waves	YES
49	MARGARETE OLIVEIRA DOMINGUES	INST NACIONAL PESQUISAS ESPACIAIS/MCTI	FAPESP	RALF DEITERDING	UNIVERSITY SOUTHAMPTON	Adaptive multiresolution criteria in the AMROC framework applied to a two dimensional ideal magnetohydrodynamic model for space weather	YES
50	MAURO WILLIAM BARBOSA DE ALMEIDA	INST FILOSOFIA CIENCIAS HUMANAS/UNICAMP	FAPESP	MARK HARRIS	UNIVERSITY ST ANDREWS	Past lessons for future challenges in the Brazilian Amazon: anthropological, archeological and historical approaches to understanding the contemporary Amazon.	YES
51	PAULO EDUARDO MARTINS RIBOLLA	INST BIOTEC/UNESP	FAPESP	FREDERIC TRIPET	Keele University	Analysis of satirization between <i>Aedes aegypti</i> and <i>Aedes albopictus</i> in Brazil	YES
52	RONALDO ADRIANO CRISTOFOLETTI	INST SAUDE SOCIEDADE/UNIFESP	FAPESP	STUART REES JENKINS	BANGOR UNIVERSITY	Integration of ecological processes over local and latitudinal scales	YES
53	SANDRA LIA DO AMARAL CARDOSO	FAC CIENCIAS BAURU/UNESP	FAPESP	LIANE BERETTA DE AZEVEDO	Teesside University	The effect of physical activity on fluoride metabolism in sedentary children: a feasible study	YES
54	TIAGO PEREIRA DA SILVA	INST CIENCIAS MATEMATICAS COMPUTACAO SC/USP	FAPESP	DMITRY TURAEV	IMPERIAL COLLEGE LONDON	Averaging for non-ergodic Hamiltonian systems: Exponential Fermi acceleration and steady entropy growth	YES
55	TOMAS FERREIRA DOMINGUES	FAC FILOSOFIA CIENCIAS LETRAS RIBEIRAO PRETO/USP	FAPESP	FERNANDO ESPIRITO SANTO	LANCASTER UNIVERSITY	Remote sensing functional traits: a spatially explicitly framework for quantifying the resilience of secondary forests of the Amazon.	YES
56	VLADIMIR JESUS TRAVA AIROLDI	INST NACIONAL PESQUISAS ESPACIAIS/MCTI	FAPESP	SANTIAGO CORUJEIRA GALLO	UNIVERSITY BIRMINGHAM	Multi-level functionalised surfaces by active screen PECVD of carbon coatings	YES