

2ª Edição do Curso em Gestão de Ciência

20 a 31 de maio 2019

Lisboa & Barcelona

Enquadramento

A investigação na área da saúde em África, pela sua relevância no panorama internacional, tem tido um apoio crescente nas últimas duas décadas. Este apoio tem levado a avanços indiscutíveis das capacidades de investigação neste continente, evidenciado na qualidade dos seus investigadores. No entanto, as instituições de investigação enfrentam dificuldades ao nível de boas práticas de gestão, de organização e planeamento, essenciais para garantir a sua sustentabilidade.

Com o objetivo de contribuir para a melhoria da qualidade da gestão e coordenação da investigação realizada nos Países Africanos de Língua Oficial Portuguesa (PALOP), a Fundação Calouste Gulbenkian e a Fundação La Caixa, com o apoio do Centro de Investigação em Saúde da Manhica, em Moçambique e do Instituto de Saúde Global de Barcelona, irão promover a 2ª edição curso de gestão em ciência.

A maioria dos programas de formação na área da gestão promove competências de gestão, mas não fornece formação especializada em gestão da investigação e liderança para o contexto dos países em desenvolvimento. Deste modo, este curso irá abordar questões transversais, fundamentais para o reforço das capacidades científicas das instituições de investigação africanas.

O curso é dirigido a investigadores e/ou gestores de instituições de investigação, públicas ou privadas, na área da saúde, designadamente diretores científicos, coordenadores e gestores de programas.

Esta formação irá capacitar os participantes com uma variedade de

conhecimentos especializados e competências para lidar com os desafios, cada vez mais complexos, da colaboração internacional na investigação em saúde global.

Objetivos

O objetivo geral deste curso é promover o conhecimento específico e formação prática ao nível da liderança e gestão da investigação em instituições de investigação internacionalmente competitivas.

Os objetivos específicos do curso são:

1. Desenvolver competências de liderança e de gestão em ciência e tecnologia, inovação e translação do conhecimento, tendo em conta as atuais tendências e as realidades da investigação em saúde global;
2. Desenvolver capacidades de realizar planeamento estratégico, designadamente tendo em conta as dinâmicas de financiamento global;
3. Analisar os diferentes modelos de comportamento organizacional e promover a responsabilização, transparência e comunicação eficiente entre os parceiros da investigação;
4. Identificar os desafios internos que limitam a apresentação de propostas a subvenções e que afetam a produção científica.

Metodologia

O curso tem a duração de duas semanas consecutivas e será realizado em:

- Lisboa (na Fundação Calouste Gulbenkian), de 20 a 24 de maio 2019;
- Barcelona (na CosmoCaixa), de 27 a 31 de maio de 2019.

O curso será realizado em língua portuguesa e em língua inglesa e combina diversos métodos de ensino: palestras, painéis de discussão, debates, estudos de caso e trabalhos práticos em grupos de pares. Cada dia do curso será dedicado a um aspeto particular da gestão da investigação em saúde global e serão organizadas visitas a instituições de investigação selecionadas.

Os participantes terão uma avaliação final, destinada a analisar se os objetivos de aprendizagem foram cumpridos.

Inscrições

As regras para a frequência deste curso encontram-se no regulamento em anexo.

CURSO GESTÃO DE CIÊNCIA
Versão provisória do programa

1st week: 20-24 may

Lisbon sessions

Course introduction: objectives and outcomes

Science, Technology and Innovation (*João Caração*)

Science and technoscience; technology and innovation
R&D System; National System of Innovation
Models of innovation

Science and Technology Funding and Policy-Making (*Tiago Santos Pereira*)

The governance of research systems
Global societal challenges, digitalization and public research
Research policy and institutional management

Indicators in Science and Technology (*Manuel Mira Godinho*)

STI indicators: Evolution since the seminal OECD/UNESCO frameworks were put forward
STI indicators for managing Health R&D
Online sources for STI indicators and their deployment for practical purposes

Management of Health R&D Centers (*Sandro Ferreira Mendonça*)

Health R&D
R&D management
Health R&D management

Innovation in Healthcare (*Manuel Mira Godinho*)

Innovation in healthcare: relevant issues and institutional dynamics
Innovation and technology management by organizations in the healthcare sector

Intellectual Property Rights to protect healthcare innovation: the academic and business perspectives

Science and Technology Evaluation (*Manuel Mira Godinho and Tiago Santos Pereira*)

Research assessment

Economic impact analysis

Social impact analysis

Foresight studies

Science Communication (*Ana Correia Moutinho*)

Visibility of research

Institutional communication in R&D organizations

Science in the media

Science, Development and Cooperation (*Tiago Santos Pereira*)

Science diplomacy

Global/local contexts in STI

Capacities, capabilities and cooperation

Three practical sessions will be held at the Gulbenkian Institute of Science, the Institute of Molecular Medicine and the Institute of Hygiene and Tropical Medicine.

2 nd week: 27-31 may

Barcelona sessions

Welcome & Introduction (*Núria Casamitjana*)

The changing landscape of Global Health Research (invited, TBC)

Science management in the context of current trends and realities in Global Health Research (*Antoni Plasencia*)

Equitable research partnerships and collaborations (*Eusebio Macete*)

Strategic Planning in Scientific Institutions (*Jaume Ribera & Magda Rosenmuller*)

Financial management (*Abdoulie Barry*)

Budgeting

Accounting and reporting

Accountability

Transparency and efficient communication with research stakeholders

Project management on scientific research in complex environments (*Gonzalo Vicente*)

Key succes factors and common mistakes on Project cycle (*Gonzalo Vicente-Elena Esteban-Anna Massaneda*)

Preaward

Postaward: from kick off to project closure

Different models on project management (*Gonzalo Vicente-Elena Esteban*)

Team management in complex environments (*Gonzalo Vicente*)

Integrity and Ethics in Research (*Joana Porcel and Eva Casamitjana*)

Code of Good Practices

Ethical and regulatory aspects

Intellectual Property

Open Science

Professional development in research (*Joana Porcel & Eva Casamitjana*)

Scientific career

Training & Mentoring

Good practices in scientific evaluation

Equal opportunities

Responsible Research & Innovation (*RRI Ignasi López & Anne-Sophie Gresle*)

Scientific Communication (*Adelaida Sarukhan*)

Governance and leadership in Research Institutions (TBC)

Visits to research institutions will be organized and announced in the final program.

CURSO GESTÃO DE CIÊNCIA

Faculty/lecturers



Abdoulie Barry joined EDCTP on 7 September 2011 as the Director of Finance & Administration. Before joining EDCTP, he was Head of Finance and Procurement at the Medical Research Council (MRC) Unit in The Gambia. Abdoulie has extensive experience in auditing; risk management and implementing computerised accounting, HR and payroll systems. Abdoulie's experience includes working in the audit and consulting departments of Deloitte, KPMG Peat Marwick and Pannell Kerr Forster.



Adelaida Sarukhan works as scientific writer at ISGlobal. She did a PhD in Immunology, University of Paris VI, France. She is CR1 scientist at INSERM since 2000 and has solid experience developing and leading research projects on immune regulation. She holds a Master in Scientific, Medical and Environmental Communication, idEC, Pompeu Fabra University.



Ana Correia Moutinho is a research manager and invited Assistant Professor at ISEG – Lisbon School of Economics & Management/ULisboa, where she teaches Masters Courses in Science Policy and Science Communication. From 2005-2015, Ana was a senior research manager at the university central services, answering directly to the Rectoral team. Initially trained as a lab researcher, she is a PhD in Cell Biology (2001). Ana took her first career turn into science communication through a post-graduation in science journalism and freelanced science stories for some years in

major Portuguese media. Whilst she quite loved the beat of news, Ana missed scholarly life and went back to academia as a postdoc in science policy. In 2005 Ana took her first appointment as a research manager and has been doing that ever since.



Anna Massaneda is the R+D Grants & Contracts Preaward Coordinator (Head of Preaward Unit) at Barcelona Institute for Global Health (ISGlobal). She is responsible for planning and monitoring the work of the preaward team, ensuring service and strategic activity is provided in a challenging and demanding environment; playing a proactive role in increasing the diversity of research grants portfolio; and review and negotiate grants and cooperative agreements (incoming and outgoing contracts).



Anne-Sophie Gresle is currently working at the Barcelona Institute for Global Health as a Lead Project Manager coordinating the InSPIRES project (embedded under the Responsible Research and Innovation initiative of the Innovation department, and developed in collaboration with International Health clinical department of Hospital Clinic) whose main purpose is to bring science and society closer together in order to co-create research agendas that directly respond to citizen's needs and concerns, providing evidence and giving support to political bodies and decision-makers for the creation of better public policies.



Antoni Plasència is the Director General of the Barcelona Institute for Global Health (ISGlobal) since October 2014. He is also Medical Consultant in International Health at the Hospital Clinic and visiting Professor at University of Barcelona. He leads a team of 385 people who are actively engaged in improving global health through excellence in research, knowledge translation and its application. From 2004-2011, he was Director General of Public Health of the Generalitat of Catalonia.



Elena Esteban joined the Barcelona Centre for International Health Research (CRESIB) in March 2008. She worked in the automotive sector as a Controller for 10 years in a multinational company. However, due to her higher interest in social awareness she switched to CRESIB to work as a project technician in multi-centered schemes. Since 2011 she has been in charge of the Projects Office in ISGLOBAL, where she coordinates a team of 9 people responsible for the development of international health initiatives (research, training, cooperation, assistance, communication, think tank) through planning and management of funding opportunities and portfolio of contracts and grants throughout the project life cycle.



Eusebio Macete is the Director of the Centro de Investigação em Saúde de Manhiça (CISM). He is a vice chair of the association board at the General Assembly of EDCTP (European and Developing Countries Clinical Trial Partnership). Since 2010 he is a member of the National Council for Science and Technology of Mozambique. Since 2013, he is a Chair of National Committee for Polio Eradication, and he is coordinator of field epidemiology course at Centro Regional de Desenvolvimento Sanitário CRDS, since 2011.



Eva Casamitjana is Scientific Coordinator at ISGlobal since 2008. Graduated in Biology from the University of Barcelona, Eva Casamitjana moved to the Netherlands where she obtained a PhD in Developmental Genetics at the University of Utrecht in 2003. After postgraduate training in international cooperation, she worked for several NGO's with a primary focus on health where she gained specific training in international cooperation and some field experience.



Gonzalo Vicente joined the Barcelona Institute for Global Health as General Manager in January 2011. Between 2007 and 2010, he worked as General Manager at the Networking Center for Biomedical Research in Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN). Between 2002 and 2007 he was Manager of the Manhiça Health Research Centre (CISM) in Mozambique and Deputy Director of the Office of International Cooperation and Desk Manager for projects in Mozambique at the Fundació Clinic's Centre for International Health in Barcelona.



Henrique Silveira has a PhD in parasitology by the Imperial College, London, UK and currently his Full Professor at Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa (IHMT-NOVA), where he is the Deputy Director and coordinates the FCT R&D Centre: Global Health and Tropical Medicine (UID/Multi/04413/2013). He is a visiting researcher at FMT-HVD, Manaus, Brazil. He has strong collaboration with tropical-portuguese-speaking countries, being involved in activities related to the Network of the National Health Institutes from Portuguese Speaking Countries (RINSP/CPLP). His research group is centred on the mosquito response to Plasmodium and how it can be used for malaria transmission-blocking.



Ignasi López is Director of the Department of Science and Fellowships at "la Caixa" Foundation. 15 years of experience in Science in society issues and Research and Innovation funding. Coordinates the RRI Tools project (EC-FP7) and participates in H2020 RRI related projects. Chairperson of the ELSI Advisory Board of the EIT Health and of the Expert Advisory board of the SiS.Net project. Member of the Steering Committee of the Research Forum of the European Foundation Centre.



Jaume Ribera is professor of operations management at IESE Business School and holds the Port of Barcelona Chair of Logistics at CEIBS in Shanghai, China and also holds the Novartis Chair on Operational Excellence in the Health Sector. Prof. Ribera served as deputy dean of faculty at IESE Business School from 1993-2001. He is the president of the European Operations Management Association. He has been active in consultancy in supply chain management and project management and has extensive experience of working with private and public companies in different sectors. He has also participated as a consultant and project manager in health sector management projects in the EU, Central and Eastern Europe, and South America with private, public, European Union and World Bank financing.



João Caraça has been the Director of the Science Department of the Calouste Gulbenkian Foundation since 1988, and from 2012 to 2016 he was the Head of the Delegation of the Calouste Gulbenkian Foundation in France. He was Member of the Governing Board of the EIT-European Institute of Innovation and Technology 2008-2012, and integrates the European Forum on Philanthropy and Science. He is the President of the General Council of the University of Coimbra since 2017. Professor at the Institute of Economics and Management of the University of Lisbon, he coordinated, among other duties, the Master in Economics and Management of Science, Technology and Innovation (1990-2003). He was Science Adviser of the President of the Republic from 1996 to 2006.



Joana Porcel-Carbonell coordinates the Projects Unit at ISGlobal, she. She has worked as a clinical neuropsychologist at the Traumatic Brain Injured Association (1996-2002), and at the Vall d'Hebron University Hospital of Barcelona, as a psychologist and researcher at the Multiple Sclerosis Unit (1996-2006). From 2006 onwards, she works on research management. From 2006 to 2009 she worked at the private sector related with pharma research, mainly clinical trials, and since 2009 at the Center for Research in Environmental Epidemiology (CREAL), which was integrated with the Barcelona Institute for Global Health (ISGlobal) in July 2016.



Magdalene Rosenmöller is senior lecturer in the Department of Production, Technology and Operations Management. She teaches the second-year MBA elective course on health sector management and is also a lecturer in the executive education department. She lectures at a number of other schools and institutions in Europe, Latin America and Asia, including the China European International Business School (CEIBS) in Shanghai. She worked as a health economist in the World Bank's Latin American and Caribbean Region for two years (2000-2002).



Manuel Mira Godinho is Full Professor of Economics at ISEG, the Lisbon Economics and Management School of Universidade de Lisboa. He was awarded a PhD degree in Science and Technology Policy from SPRU, Sussex University, in 1995. His research focus is on the areas of economics of innovation, intellectual property rights and science and technology policy. He has published in journals such as Research Policy, Scientometrics, Science and Public Policy, Research Evaluation and Industry and Innovation. He has coordinated the Master in Economics and Management of Science, Technology and Innovation at ISEG since 2004. He has worked as a consultant for public and private organizations in Portugal and other countries. He was Dean of ISEG in 2017-2018 and before that he was the chair of the Scientific Board of ISEG, in 2014-2017.



Manuel Schmidt is graduated in Business Administration from Católica/Lisbon (1997). He participated in an Advanced Management Course (2012) by the University of Leuven/Belgium (2012) and an Advanced Management Program (AMP) by Católica/Lisbon and Kellogg University/Chicago (2016). In 1999, Manuel became the Financial Director for several Business Units related with Energy Power Transmission and Distribution and IT Services in Siemens Portugal. He gained international experience, as the CEO of Regional Company in Siemens Mozambique (2006-2009) and later as the Financial Director for Low & Medium Voltage Division in Siemens Brazil (2009-2013). In 2014, Manuel returned to Siemens Portugal, as Division Lead Controller for the same division. Manuel is Director and founding member of NGO APOIAR. Manuel is the Managing Director at Instituto Gulbenkian de Ciência (IGC) since February 2018.



Núria Casamitjana is Director of Training and Education at ISGlobal and Professor at University of Barcelona. Currently, she is President of tropEd (International Network for Education and Training in International Health). Since 2015 she is a Board and Executive Committee member of the Partnership for Maternal, Neonatal and Child Health (PMNCH) representing the Academic, Research and Training institutions; and since recently she has also been nominated as Board member of the Consortium of Universities for Global Health (CUGH). Dr Casamitjana has been evaluator for WHO-TDR and EDCTP training programmes.



Sandro Mendonça is Professor at the Department of Economics, ISCTE Business School, Lisbon, Portugal. He teaches at the Doctoral level in China (Chengdu and Guangzhou) and is faculty of SPRU, University of Sussex, UK. He is a *German Marshall Fund Fellow* since 2012 and was nominated *European Young Leader* by the Friends of Europe Foundation in 2015. He was Science Officer at CYTED (the Ibero-American program for science and technology) from January 2014 to December 2017, and remains an advisor to the Secretariat General. His research and consultancy work has mostly focused on innovation, intellectual property, and industrial policy. He held opinion columns in a number of Portuguese newspapers (*Expresso*, *Público*, *Diário de Notícias*) and international magazines (*Up*, *Revista Macau*). He currently serves as Executive Board Member of ANACOM, the Portuguese communications regulator.



Tiago Santos Pereira is Coordinator of the Studies and Strategy Office of the Foundation for Science and Technology (FCT), and he is Principal Investigator of the Center for Social Studies (CES) of the University of Coimbra. He is currently also the National Delegate to the OECD's Committee on Scientific and Technological Policy (CSTP). He was recently Chair of an ad hoc Working Group of ERAC (European Research Area and Innovation Committee) on "Analysis of the National Impact of Participation in the Framework Programs of Research and Innovation of the European Union". He has collaborated with several institutions in the field of S & T policies, both at the level of evaluation and in studies oriented towards public policies, in particular with the European Commission, UNESCO, FCT, CYTED and ESF.